

September 15, 2026

To Whom it May Concern:

Subject: Addendum #1

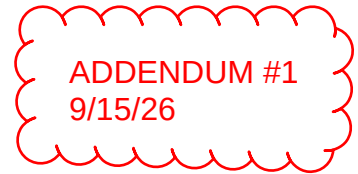
**Project: Lake Saint Louis Boulevard Widening and Resurfacing Phase 1
STP-5418 (625)
Bid No. 04-26**

Bid Date: September 25, 2026

The Following items have been revised:

1. Revise Bid Date to Friday, September 25, 2026
2. Revise asphalt base pavement to concrete base pavement to facilitate wintertime construction operations
3. Add Accelerating the Completion of Closure Work (Incentive/Disincentive Clause) JSP-93-14C

The updated information is posted on the Drexel plan room, take these revisions into account when preparing bids for this project.



STP-5418 (625)

CITY OF LAKE SAINT LOUIS, MO
200 CIVIC CENTER DRIVE
LAKE SAINT LOUIS, MO 63367

REQUEST FOR BID

BID OF

Bidder Name _____

Bidder Address _____

FOR
CONSTRUCTING OR IMPROVING

LAKE SAINT LOUIS BOULEVARD WIDENING AND RESURFACING PHASE 1

LAKE SAINT LOUIS, MO

Lake Saint Louis Boulevard Widening and Resurfacing Phase 1
STP-5418 (625) Bid No. 04-26
Notice to Contractors

Notice is hereby given that the City of Lake Saint Louis will receive sealed proposals at City Hall, 200 Civic Center Drive, Lake Saint Louis, Missouri until 12:00 Noon local time, **September 23,** **2026** for the Lake Saint Louis Boulevard Widening and Resurfacing Phase 1 Project, **BID NO. 04-26**. All bids will be publicly opened and read at 2:00 PM or soon thereafter on the same day, and the contract will be awarded to the lowest, responsive, responsible bidder, subject to confirmation by MoDOT and the City.

25

The Scope of Work shall include widening and resurfacing, sidewalk and shared use path reconstruction along Lake Saint Louis Boulevard from just north of Freymuth Road to just south of Hawk Ridge Circle South, a distance of approximately 2,065 feet. The scope of the project includes the milling and resurfacing, pavement widening, storm sewer and inlets, medians, removal and replacement of concrete sidewalk and shared use path, new curb ramps, truncated domes, and striping.

The bid proposal shall be made on a form of proposal, provided in the specifications and delivered in a sealed envelope clearly marked on the outside **BID NO. 04-26** to the City Administrations Office on or before the time specified above. No facsimiles will be accepted. The proposal shall be accompanied by a bid bond, certified check or cashier's check of a bank or trust company in St. Charles County, St. Louis County, or in the City of Saint Louis for an amount not less than five (5%) percent of the bid amount. The amount of the check shall be forfeited to the City if the bidder neglects or refuses to enter into a contract or to furnish bond after his proposal has been accepted.

Plans and specifications are now on file and can be viewed at <http://planroom.drexeltech.com>. Plans and specifications can be downloaded or ordered from this site for the fee listed online. Drexel Technologies, 135A Weldon Parkway, Maryland Heights, MO 63043, phone 314.872.0900.

The City reserves the right to require the successful bidder to file proof of his ability to properly finance and execute the project together with his record of successful completion of similar projects. Pursuant to MoDOT approval, the City reserves the right to reject any and all bids, offers, or proposals submitted, or to advertise for new bids. The City reserves the right to defer the acceptance of any proposal and the execution of a contract for a period not exceeding sixty (60) days after the date of opening of the bids. The successful bidder to whom the contract has been awarded shall sign the contract and performance bond and other required certificates in **triplicate** and return the signed documents within seven (7) days after the date of their receipt.

The successful bidder shall furnish a performance bond and payment bond for one hundred (100%) percent of the contract amount and shall file certificates with the City that he has obtained and will continue to carry workmen's compensation insurance, public and private liability, and property damage insurance, and builder's risk insurance in an adequate amount for the duration of the contract.

All labor used in the construction of this public improvement shall be paid a wage no less than the prevailing hourly rate of wages of work of a similar character in this locality as established by the Department of Labor and Industrial Relations (Federal Wage Rate), or state wage rate, whichever is higher.

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The City of Lake Saint Louis hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, businesses owned and controlled by socially and economically disadvantaged individuals will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, religion, creed, sex, age, ancestry, or national origin in consideration for an award.

The City of Lake Saint Louis is an equal opportunity employer. The City does not discriminate against any person because of race, color, religion, sex, handicap, familial status, or national origin.

All bidders must be on MoDOT's Qualified Contractor List per Section 102.2 of the Missouri Standard Specifications for Highway Construction, 2026 Edition including all revisions. The contractor questionnaire must be on file 7 days prior to bid opening.

Contractors and sub-contractors who sign a contract to work on public works project must provide a 10-Hour OSHA construction safety program, or similar program approved by the Department of Labor and Industrial Relations, to be completed by their on-site employees within sixty (60) days of beginning work on the construction project.

The DBE Goal for this project is 0%.

No 2nd tier subcontracting will be allowed on this project.

Special Needs: If you have a special need addressed by the Americans with Disabilities Act, please notify the Department of Public Works at 636-695-4221 or the Missouri Relay System, TDD 1-800-735-2966, at least five working days prior to the bid opening.

BIDDER CHECKLIST

FINAL CHECKLIST BEFORE SUBMITTING BID

- ☐ 1. Submit completed Contractor Questionnaire and/or Contractor Prequalification Questionnaire with attachments not later than seven (7) days prior to the date and hour of the bid opening. See Secs 101-103 of the Standard Specifications, and Rule 7 CSR 10-15.900, "Prequalifications to Bid of Certain Contractors". Questionnaire and Contact information are provided on MoDOT's website.
- ☐ 2. For submittal of paper bids, the complete set of bidding documents includes all information through the DBE forms (for DBE forms see #8). The Technical Specifications/Job Special Provisions are for the bidder's information only and is not to be returned with the bid.
- ☐ 3. If submitting the bid by mail, it is to be completed, executed, and submitted in a sealed envelope addressed to the City of Lake Saint Louis. **Provide the vendor name, vendor address, vendor number, county, route and federal project number on the outside of the envelope.**
- ☐ 4. Please read all items in the bidding document carefully. For paper bids, complete all items in ink or by typing in the information.
- ☐ 5. Sign this bidding document properly. If submitted in the name of a firm or corporation, the legal name of the firm or corporation should appear in the space designated, and be signed for by one or more persons legally qualified to execute papers in the name of said firm or corporation. Affix Corporate Seal if the Bidder is a Corporation.
- ☐ 6. For paper bids submit a bid bond executed by bidder and surety, or attach cashier's check to the bid bond form.
- ☐ 7. Submit the Bidder's List Quote Summary form with the bid.
- ☐ 8. Submit the DBE Submittal Forms within 3 business days of the Bid Opening. The DBE Identification Submittal Form (Page 2 of this document) must be submitted for each DBE to be utilized on the project. Any DBE's submitted as regular dealers/distributors must have an accompanying [DBE Regular Dealer/Distributor Affirmation Form](#).
- ☐ 9. For paper bids, staple addenda to the bid in the appropriate part of the bid. The letter accompanying the addenda should be stapled to the inside of the back cover of the bid and returned. The bidder should retain a duplicate copy.

Below is a list of common mistakes made by bidders leading to non-responsive bids. Please refer to the Standard Specifications for the appropriate procedures for completing and submitting a bid.

- a) Not signing the bid
- b) Not incorporating the addendum into the bidding documents, including attaching the letter to the bid
- c) Not providing a bid bond
- d) Using pencil to fill out the bid
- e) Using white out to make corrections to the itemized bid sheets
- f) Not initialing changes made

All questions concerning the bid document preparation can be directed to the Lake Saint Louis Department of Public Works at 636-695-4221. Project specific questions can be directed to the Lake Saint Louis Department of Public Works at 636-695-4221 or Mike Busch at Oates Associates, 314-588-8381.

Special Needs: If you have special needs addressed by the Americans with Disabilities Act, please notify the Department of Public Works at 636-695-4221 or through Missouri Relay System, TDD 1-800-735-2966, at least five (5) working days prior to the bid opening.

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Bid Bond

Contract Agreement / Bond

Contractor's Acknowledgement

Notice To Proceed

Information For Bidders

DBE Identification Submittal ([Fig. 136.9.9](#))

DBE Provisions ([Fig. 136.9.8](#))

General Provisions

Job Special Provisions

Form FHWA 1273 ([Fig. 136.9.7](#))

Federal Aid Provisions

Applicable State Wage Rates

Applicable Federal Wage Rates

Applicable Environmental and Cultural Permits and Clearances

ADA Checklist ([Fig. 136.9.4](#))

NOTICE TO CONTRACTORS

25 Sealed bids, addressed to the City of Lake Saint Louis at 200 Civic Center Drive, Lake Saint Louis, MO 63367 for the proposed work will be received by the City of Lake Saint Louis until 12:00 P.M. CDT (prevailing local time) on September 23, 2026 at the office of the City of Lake Saint Louis in the Finance Department Office, 200 Civic Center Drive, Lake Saint Louis, MO 63367, and at that time will be publicly opened. Bids should be delivered to: 200 Civic Center Drive, Lake Saint Louis, MO 63367.

(1) **PROPOSED WORK:** The proposed work, hereinafter called the work, includes:

The Scope of Work shall include widening and resurfacing, sidewalk and shared use path reconstruction along Lake Saint Louis Boulevard from just north of Freymuth Road to just south of Hawk Ridge Circle South, a distance of approximately 2,065 feet. The scope of the project includes the milling and resurfacing, pavement widening, storm sewer and inlets, medians, removal and replacement of concrete sidewalk and shared use path, new curb ramps, truncated domes, and striping.

(2) **COMPLIANCE WITH CONTRACT PROVISIONS:** The bidder, having examined and being familiar with the local conditions affecting the work, and with the contract, contract documents, including the current version of the Missouri Highways and Transportation Commission's "Missouri Standard Specifications for Highway Construction," and "Missouri Standard Plans for Highway Construction", their revisions, and the request for bid, including appendices, the special provisions and plans, hereby proposes to furnish all labor, materials, equipment, services, etc., required for the performance and completion of the work. All references are to the Missouri Standard Specifications for Highway Construction, as revised, unless otherwise noted.

The following documents are available on the Missouri Department of Transportation web page at www.modot.mo.gov under "Business with MoDOT" "Standards and Specifications". The effective version shall be determined by the letting date of the project.

General Provisions & Supplemental Specifications

Supplemental Revisions to Missouri Standard Plans
For Highway Construction

These supplemental bidding documents contain all current revisions to the bound printed versions and have important legal consequences. It shall be conclusively presumed that they are in the bidder's possession, and they have been reviewed and used by the bidder in the preparation of any bid submitted on this project.

Please note that within the above-listed documents, the term "Commission" shall be replaced with the term, "City of Lake Saint Louis", and the term "Engineer" is a reference to the Engineer of Record from Oates Associates, Inc.

The contracting authority for this contract is the City of Lake Saint Louis.

(3) **PERIOD OF PERFORMANCE:** If the bid is accepted, the bidder agrees that work shall be diligently prosecuted at such rate and in such manner as, in the judgment of the engineer, is necessary for the completion of the work within the time specified as follows in accordance with Sec 108:

Anticipated Start Date: ~~October 1, 2026~~

Completion Date: ~~300 Calendar Days from Notice to Proceed~~

November 16, 2026

May 31, 2027

Delete - see
JSP HH

~~(4) **LIQUIDATED DAMAGES:** The bidder agrees that, should the bidder fail to complete the work in the time specified or such additional time as may be allowed by the engineer under the contract, the amount of liquidated damages to be recovered in accordance with Sec 108 shall be as follows:~~

~~Liquidated damages per day \$ 1,625~~

(5) **BID GUARANTY:** The bidder shall submit a Bid Guaranty meeting the requirements of Section 102 of the Missouri Standard Specifications for Highway Construction. A sample project bid bond form is included in the bid book. The bidder shall mark the box below to identify the type of Bid Guaranty.

- ☐ Paper Bid Bond
- ☐ Cashier's Check

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(6) CERTIFICATIONS FOR FEDERAL JOBS: By signing and submitting this bid, the bidder makes the certifications appearing in Sec. 102.18.1 (regarding affirmative action and equal opportunity), Sec. 102.18.2 (regarding disbarment, eligibility, indictments, convictions, or civil judgments), Sec. 102.18.3 (regarding anti-collusion), and Sec. 102.18.4 (regarding lobbying activities). Any necessary documentation is to accompany the bid submission, as required by these sections. As provided in Sec. 108.13, the contracting authority may terminate the contract for acts of misconduct, which includes but is not limited to fraud, dishonesty, and material misrepresentation or omission of fact within the bid submission.

(7) ANTIDISCRIMINATION: The Contracting Authority hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, businesses owned and controlled by socially and economically disadvantaged individuals will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, religion, creed, sex, age, ancestry, or national origin in consideration for an award.

(8) FEDERAL AND STATE INSPECTION: The Federal Government is participating in the cost of construction of this project. All applicable Federal laws, and the regulations made pursuant to such laws, shall be observed by the contractor, and the work will be subject to the inspection of the appropriate State or Federal Agency in the same manner as provided in Sec 105.10 of the Missouri Standard Specifications for Highway Construction with all revisions applicable to this bid and contract.

(9) PREVAILING WAGE (FEDERAL AND STATE): This contract requires payment of the prevailing hourly rate of wages for each craft or type of work required to execute the contract as determined by the Missouri Department of Labor and Industrial Relations, and requires adherence to a schedule of minimum wages as determined by the United States Department of Labor. For work performed anywhere on this project, the contractor and the contractor's subcontractors shall pay the higher of these two applicable wage rates. The applicable state wage rates for this contract are detailed in "Annual Wage Order No. 33", that is attached to this bidding document. The applicable federal wage rates for this contract are the effective Davis-Bacon federal wage rates posted the tenth day before the bid opening date and are attached herein.

These supplemental bidding documents have important legal consequences. It shall be conclusively presumed that they are in the bidder's possession, and they have been reviewed and used by the bidder in the preparation of any bid submitted on this project.

(10) WORKER ELIGIBILITY REQUIREMENTS: Execution of the construction contract for this project is dependent upon the awarded bidder providing an Affidavit of Compliance AND E-Verify Memorandum-of-Understanding (MOU) between the bidder and Department of Homeland Security to the Contracting Authority as required by section 285.530 RSMo. The cover page and signature page of the E-Verify MOU and the Affidavit must be submitted prior to award of this contract.

A sample Affidavit of Compliance can be found at the Missouri Attorney General's website at the following link:

http://ago.mo.gov/forms/Affidavit_of_Compliance.pdf

All bidders must also be enrolled in the E-Verify Program, and include their MOU prior to contract execution. Bidders who are not enrolled will need to go to the following website link and select "Enroll in the Program" to get started. After completing the program, they will receive their E-Verify MOU with Department of Homeland Security. This document will need to be printed out and kept on file so that a copy can be attached to the Affidavit of Compliance.

http://www.dhs.gov/files/programs/gc_1185221678150.shtm

This requirement also applies to subcontractors and contract labor, but this contract only requires submittal of the verification documents for the prime contractor. It is the prime contractor's responsibility to verify the worker eligibility of their subcontractors in order to protect their own company from liability as required by section 285.530 RSMo.

(11) OSHA TEN HOUR TRAINING REQUIREMENTS: Missouri Law, 292.675 RSMO, requires any awarded contractor and its subcontractor(s) to provide a ten-hour Occupational Safety and Health Administration (OSHA) Construction Safety Program (or a similar program approved by the Missouri Department of Labor and Industrial Relations as a qualified substitute) for their on-site employees (laborers, workmen, drivers, equipment operators, and craftsmen) who have not previously completed such a program and are directly engaged in actual construction of the improvement (or

working at a nearby or adjacent facility used for construction of the improvement). The awarded contractor and its subcontractor(s) shall require all such employees to complete this ten-hour program, pursuant to 292.675 RSMO, unless they hold documentation on their prior completion of said program. Penalties, for Non-Compliance include contractor forfeiture to the Contracting Authority in the amount of \$2,500, plus \$100 per contractor and subcontractor employee for each calendar day such employee is employed beyond the elapsed time period for required program completion under 292.675 RSMO.

(12) BUY AMERICA REQUIREMENTS: Construction contracts shall assure compliance with Section 165 of the Surface Transportation Assistance Act of 1982, Section 337 of the Surface Transportation and Uniform Relocation Assistance Act of 1987, 23 CFR 635.410, and the Bipartisan Infrastructure Law (2021) Build America, Buy America Act Publication L. No. 117-58 regarding Buy America provisions on the procurement of foreign products and materials. On all contracts involving Federal-aid, all products of iron, steel, or a coating of steel which are incorporated into the work must have been manufactured in the United States. Construction materials consisting primarily of non-ferrous metals, plastic and polymer-based products, glass, lumber, or drywall also require Buy America certification. Cement and cementitious materials; aggregates such as stone, sand, or gravel; or aggregate binding agents or additives are excluded from this requirement. In addition, manufactured products are currently exempted under the 1983 waiver from FHWA. The Contracting Authority may allow minimal amounts of these materials from foreign sources, provided the cost does not exceed 0.1 percent of the contract sum or \$2,500, whichever is greater. The Contractor certifies that these materials are of domestic origin. Additional information regarding the "Buy America" requirements can be found at:

<https://www.fhwa.dot.gov/construction/cqit/buyam.cfm>

(13) ADDENDUM ACKNOWLEDGEMENT: The undersigned states that the all addenda (if applicable) have been received, acknowledged and incorporated into their bid, prior to submittal. For paper bids, staple addenda to the bid in the appropriate part of the bid.

(14) SIGNATURE AND IDENTITY OF BIDDER: The undersigned states that the following provided information is correct and that (if not signing with the intention to bind themselves to become the responsible and sole bidder) they are the agent of, and they are signing and executing this, as the bid of

_____, which is the correct LEGAL NAME as stated on the contractor questionnaire.

a) The organization submitting this bid is a(n) (1) individual bidder, (2) partnership, (3) joint venturer (whether individuals or corporations, and whether doing business under a fictitious name), or (4) corporation. Indicate by marking the appropriate box below.

☐ sole individual ☐ partnership ☐ joint venture
☐ corporation, incorporated under laws of state of _____.

b) If the bidder is doing business under a fictitious name, indicate below by filling in the fictitious name

Executed by bidder this _____ day of _____ 20____.

THE BIDDER CERTIFIES THAT THE BIDDER AND ITS OFFICIALS, AGENTS, AND EMPLOYEES HAVE NEITHER DIRECTLY NOR INDIRECTLY ENTERED INTO ANY AGREEMENT, PARTICIPATED IN ANY COLLUSION, OR OTHERWISE TAKEN ANY ACTION IN RESTRAINT OF FREE COMPETITIVE BIDDING IN CONNECTION WITH THIS BID, AND THAT THE BIDDER INTENDS TO PERFORM THE WORK WITH ITS OWN BONAFIDE EMPLOYEES AND SUBCONTRACTORS, AND DID NOT BID FOR THE BENEFIT OF ANOTHER CONTRACTOR.

THE BIDDER ACKNOWLEDGES THAT THIS IS AN UNSWORN DECLARATION, EXECUTED UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE UNITED STATES AND/OR FALSE DECLARATION UNDER THE LAWS OF MISSOURI, AND ANY OTHER APPLICABLE STATE OR FEDERAL LAWS. THE FAILURE TO PROVIDE THIS CERTIFICATION IN THIS BID MAY MAKE THIS BID NON-RESPONSIVE, AND CAUSE IT TO BE REJECTED.

THE BIDDER CERTIFIES THAT THE BIDDER'S COMPANY KNOWINGLY EMPLOYS ONLY INDIVIDUALS WHO ARE AUTHORIZED TO WORK IN THE UNITED STATES IN ACCORDANCE WITH APPLICABLE FEDERAL AND STATE LAWS AND ALL PROVISIONS OF MISSOURI EXECUTIVE ORDER NO. 07-13 FOR CONTRACTS WITH THE CONTRACTING AUTHORITY.

- ☐ Check this box ONLY if the bidder REFUSES to make any or all of these certifications. The bidder may provide an explanation for the refusal(s) with this submittal.

Signature of Bidder's Owner, Officer, Partner or Authorized Agent

Please print or type name and title of person signing here

Attest:

Secretary of Corporation if Bidder is a Corporation

Affix Corporate Seal (If Bidder is a Corporation)

NOTE: If bidder is doing business under a fictitious name, the bid shall be executed in the legal name of the individual, partners, joint ventures, or corporation, and registration of fictitious name filed with the secretary of state, as required by sections 417.200 to 417.230 RSMo. If the bidder is a corporation not organized under the laws of Missouri, it shall procure a certificate of authority to do business in Missouri, as required by section 351.572 et seq RSMo. A certified copy of such registration of fictitious name or certificate of authority to do business in Missouri shall be filed with the Missouri Highways and Transportation Commission, as required by the standard specifications.

(15) **TRAINEES:** By submitting this bid, the bidder certifies that the bidder is familiar with the Training Provision in the Missouri Highways and Transportation Commission's "General Provisions and Supplement Specifications" which are available on the Missouri Department of Transportation web page at www.modot.mo.gov under "Business with MoDOT" "Standards and Specifications". No trainees are required for this project.

(16) **SUBCONTRACTOR DISCLOSURE:** Requirements contained within Sec 102.7.8 of the Missouri Standard Specification for Highway Construction shall be waived for this contract.

(17) **PROJECT AWARD:** This project will be awarded to the lowest, responsive, responsible bidder.

(18) **MATERIALS INSPECTIONS:** All technicians who perform, or are required by the FHWA to witness, such sampling and testing shall be deemed as qualified by virtue of successfully completing the requirements of EPG 106.18 Technician Certification Program, for that specific technical area.

(19) **PRIME CONTRACTOR REQUIREMENTS:** The limitation in Sec 108.1.1 of the Missouri Standard Specifications for Highway Construction that "the contractor's organization shall perform work amounting to not less than 40 percent of the total contract cost" is waived for this contract. Instead, the less restrictive terms of the Federal Highway Administration's rule at Title 23 Code of Federal Regulations (CFR) § 635.116(a) shall apply, so that the contractor must perform project work with its own organization equal to and not less than 30 percent of the total original contract price. All other provisions in Sec 108.1.1 et seq. of the Missouri Standard Specifications for Highway Construction shall remain in full force and effect, and shall continue to govern the contractor and its subcontractors, in accordance with the provisions of Title 23 CFR § 635.116.

(20) **SALES AND USE TAX EXEMPTION:** The City of Lake Saint Louis, a tax exempt entity, will furnish a Missouri Project Exemption Certificate as described in Section 144.062 RSMo to the awarded contractor who in turn may use the certificate to purchase materials for a specific project performed for the tax exempt entity. Only the materials and supplies incorporated or consumed during the construction of the project are exempt. The certificate will be issued to the contractor for a specific project for a defined period of time.

(21) (a) **ACCEPTANCE OF PROVISION FOR PRICE ADJUSTMENT FOR FUEL:** Bidders have the option to accept the provision for Price Adjustment for Fuel in accordance with Sec. 109.14 . The bidder must mark the box below for those items of work in which they choose to accept the provision. No price adjustments will be made, due to fuel price changes, for bidders who do not accept this provision.

- | | | |
|---|--|---|
| ☐ Excavation Production | ☐ Asphalt Production | ☐ Asphalt Hauling |
| ☐ Concrete Paving Production | ☐ Concrete Paving Hauling | ☐ Aggregate Base Hauling |

(b) ACCEPTANCE FOR PROVISION FOR ASPHALT CEMENT PRICE INDEX, SEAL COAT PRICE INDEX, UNDERSEAL PRICE INDEX OR UBAWS MEMBRANE PRICE INDEX: Bidders have the option to accept the provision for Asphalt Cement Price Index, Seal Coat Price Index, Underseal Price Index and/or UBAWS Membrane Price Index in accordance with the General Provisions. The bidder must mark each box below if they choose to accept the provision. The Asphalt Cement Provision applies only to projects that have a quantity of asphalt wet ton mix pay items or converted square yard quantity over 1,000 tons, the Seal Coat Provision applies only to projects that have a quantity that exceeds 50,000 square yards, the Underseal Provision applies only to any projects that have a quantity that exceeds 10,000 gallons, and the UBAWS Membrane provision applies only to projects that have a quantity that exceeds 5,000 square yards. The above quantity limits apply to an individual project or any number of projects in the contract combination.

☐ Asphalt Cement ☐ Seal Coat ☐ Underseal ☐ UBAWS Membrane

(22) RETAINAGE: In accordance with the Missouri Prompt Payment Act (34.057 RSMo), the City of Lake St. Louis may withhold payment for any of the reasons outlined in RSMo 34.057, or as determined by the engineer.

ITEMIZED BID: The bidder should complete the following section in accordance with Sec 102.7. The bidder proposes to furnish all labor, materials, equipment, services, etc. required for the performance and completion of the work, as follows:

Contractor Name: _____

**LAKE SAINT LOUIS BOULEVARD PHASE 1
BID FORM**

ITEM NUMBER	DESCRIPTION	Unit UNIT	QUANTITY	UNIT PRICE	EXTENSION
2022010	REMOVAL OF IMPROVEMENTS	LS	1		
2035000	UNCLASSIFIED EXCAVATION	CUYD	8,300		
2035500	EMBANKMENT IN PLACE	CUYD	685		
2036000	COMPACTING EMBANKMENT	CUYD	6,910		
3040504	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	SQYD	4,944		
3040506	TYPE 5 AGGREGATE FOR BASE (6 IN. THICK)	SQYD	14,999		
4010151.0	TYPE A3 SHOULDER	SQYD	241.5		
4011209.0	BITUMINOUS PAVEMENT MIXTURE PG64-22, (BP-1)	TONS	2457.4		
4013000.0	BITUMINOUS PAVEMENT MIXTURE PG64-22 (BASE)	TONS	7150.1		
4019905	PAVEMENT TRANSITION	SQYD	611		
4020520.0	BITUMINOUS PAVEMENT MIXTURE PG64-22 (SURFACE LEVELING)	TONS	900.9		
4071005	TACK COAT	GAL	1,895 2,262		
4081010	PRIME-LIQUID ASPHALT RC 70 OR MC 30	GAL	762 6,012		
6061060	MGS GUARDRAIL	LF	286		
6061074	MGS HEIGHT AND BLOCK TRANSITION	EA	2		
6061080	MGS END ANCHOR	EA	1		
6063014	TYPE A CRASHWORTHY END TERMINAL (MASH)	EA	1		
6083006	6 IN. CONCRETE MEDIAN STRIP	SQYD	1,054.8		
6085007	PAVED APPROACH, 7 IN.	SQYD	545.1		
6086004	CONCRETE SIDEWALK, 4 IN.	SQYD	1,115.4		
6089902	ADA CURB RAMP	EA	23		
6099903 {1}	MODIFIED CURB AND GUTTER TYPE B, 6 IN.	FT	625		
6099903 {2}	MODIFIED CURB AND GUTTER TYPE B, 12 IN.	FT	1,830		
6099903 {3}	MODIFIED CURB AND GUTTER TYPE B, 24 IN.	FT	4,801		
6099903 {4}	MODIFIED CURB AND GUTTER TYPE B, MOUNTABLE CURB, 4 IN.	FT	103		
6122040	WORK ZONE CRASH CUSHION (NARROW)	EA	4		
6131014	FULL DEPTH PAVEMENT REPAIR SAW CUT (FOR PERIMETER AND INTERNAL SAW CUTS)	LF	166		
6139905	PAVEMENT PATCHING	SQYD	512		
6149902 {1}	CURB INLET	EA	23		
6149902 {2}	DOUBLE CURB INLET	EA	9		
6161005	CONSTRUCTION SIGNS	SQFT	344		
6161030	TYPE 3 MOVEABLE BARRICADE	EA	7		
6161099	CHANGEABLE MESSAGE SIGN WITH COMMUNICATION INTERFACE, CONTRACTOR FURNISHED / RETAINED	EA	2		
6173600D	TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED / RETAINED	LF	2,560		
6175010A	RELOCATING TEMPORARY TRAFFIC BARRIER	LF	2,371		
6181000	MOBILIZATION	LS	1		
6200003	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 4 IN., WHITE	LF	310		
6200009	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 6 IN. WHITE	LF	982		
6200015	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. WHITE	LF	350		
6200018	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. YELLOW	LF	993		
6200021	PREFORMED THERMOPLASTIC PAVEMENT MARKING, LEFT/RIGHT ARROW	EA	23		
6205301B	TEMPORARY REMOVABLE MARKING TAPE 4 IN., WHITE	LF	7,912		
6205303B	TEMPORARY REMOVABLE MARKING TAPE 4 IN., YELLOW	LF	8,372		
5024007	CONCRETE BASE (7 IN. NON-REINF)	SQ YD	2,726.1		
5029905	CONCRETE BASE (11 IN. NON-REINF)	SQ YD	10,308.6		

6206000D	4 IN. WHITE CLASS 1 PAVEMENT MARKING PAINT (18-MIL, TYPE P BEADS)	LF	4,202		
6206001D	4 IN. YELLOW CLASS 1 PAVEMENT MARKING PAINT (18-MIL, TYPE P BEADS)	LF	7,298		
6207001	PAVEMENT MARKING REMOVAL	LF	17,631		
6274000	CONTRACTOR FURNISHED SURVEYING AND STAKING	LS	1		
7261018	18 IN. PIPE GROUP A	LF	1,572		
7261024	24 IN. PIPE GROUP A	LF	880		
7261030	30 IN. PIPE GROUP A	LF	448		
7261036	36 IN. PIPE GROUP A	LF	257		
7320618A	18 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION	EA	2		
7320636A	36 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION	EA	1		
8051000A	SEEDING - COOL SEASON GRASSES	ACRE	3.00		
8061004	SEDIMENT TRAP ROCK	CUYD	1.6		
8061007A	CURB INLET CHECK	EA	30		
8061019	SILT FENCE	LF	2,708		
8069902	GUTTER CHECK	EA	4		
9020213	SIGNAL HEAD, TYPE 3S	EA	6		
9020513	SIGNAL HEAD, TYPE 3B	EA	16		
9020514	SIGNAL HEAD, TYPE 4B	EA	6		
9020811	SIGNAL HEAD, TYPE 1S, PEDESTRIAN	EA	12		
9020833	SH-FLAT SHEET - SIGNAL SIGN	SQFT	155		
9020834	SIGNAL SIGN, MOUNTING HARDWARE	EA	26		
9022651	LUMINAIRE LED-A, 120 VOLT COMPATIBLE	EA	8		
9022708	POST, SIGNAL 8 FT.	EA	6		
9023135	POST, TYPE CL, 35 FT. ARM OR 10.7 M ARM	EA	1		
9023140	POST, TYPE CL, 40 FT. ARM OR 12.2 M ARM	EA	1		
9023145	POST, TYPE CL, 45 FT. ARM OR 13.7 M ARM	EA	4		
9023155	POST, TYPE CL, 55 FT. ARM	EA	2		
9024283	CONTROLLER ASSEMBLY HOUSING, NEMA TS2 CONTROLLER	EA	2		
9024975	VIDEO DETECTION SYSTEM	EA	2		
9025200	CONDUIT, 2 IN., TRENCH WITH TRACER WIRE	LF	58		
9025300	CONDUIT, 3 IN., TRENCH WITH TRACER WIRE	LF	256		
9027300	CONDUIT, 3 IN., PUSHED WITH TRACER WIRE	LF	635		
9028100	CABLE, 10 AWG 1 CONDUCTOR, POLE AND BRACKET	LF	600		
9028208	CABLE, 8 AWG 1 CONDUCTOR, POWER	LF	160		
9028302	CABLE, 12 AWG 2 CONDUCTOR	LF	1,410		
9028310	CABLE, 16 AWG 5 CONDUCTOR	LF	2,140		
9028311	CABLE, 16 AWG 7 CONDUCTOR	LF	6,210		
9028621	POWER SUPPLY ASSEMBLY, TYPE-2 WITH 120V LIGHTING CONTROL CABINET	EA	2		
9028811	PULL BOX, PREFORMED CLASS 2	EA	6		
9028812	PULL BOX, PREFORMED CLASS 3	EA	2		
9028816	PULL BOX, PREFORMED CLASS 5	EA	2		
9029100	BASE, CONCRETE	CUYD	32.5		
9029902 {1}	NETWORK CONNECTED SIGNAL MONITOR	EA	2		
9029902 {2}	APS SYSTEM (INTERSECTION)	EA	2		
9029902 {3}	DRILL EXISTING PULLBOX	EA	1		
9031241	BREAKAWAY ASSEMBLY (PERFORATED SQUARE STEEL TUBE)	EA	13		
9031270A	2 IN. PSST POST - 12 GA.	LF	182		
9031271A	DRIVEN POST ANCHOR FOR 2 IN. PSST - 12 GA.	EA	13		
9035004A	SH-FLAT SHEET	SQFT	127		
9035069A	SHF-FLAT SHEET FLUORESCENT	SQFT	6		
9103700	CCTV CAMERA ASSEMBLY, INSTALLED	EA	2		
9105200	CONDUIT, 2 IN., RIGID, IN TRENCH	LF	1,219		
9108811	PULL BOX, PREFORMED CLASS 2	EA	4		
9109902	NETWORK SWITCH	EA	2		
9109903	FIBER OPTIC CABLE, 72SM	LF	3,180		
				TOTAL:	

TOTAL BID (BASE BID) NUMBERS:

TOTAL BID (BASE BID) WRITTEN:

BID BOND

KNOW ALL PERSONS BY THESE PRESENTS, that we, _____
_____ hereinafter called
the Principal, as Principal, and the _____

of _____,
a corporation duly organized under the laws of the State of _____,
hereinafter called the Surety, as Surety, are held and firmly bound unto _____

hereinafter called the Obligee, in the sum of _____
_____ dollars
(\$ _____), for the payment of which sum well and truly to be made, the said Principal
and the said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly
and severally, firmly by these presents.

WHEREAS, the Principal has submitted a bid for _____

_____.

NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter
into a Contract with the Obligee in accordance with the terms of such bid, and give such bond or bonds
as may be specified in the bidding or Contract Documents with good and sufficient surety for the faithful
performance of such Contract and for the prompt payment of labor and material furnished in the
prosecution thereof or in the event of the failure of the Principal to enter such contract and give such bond
or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty thereof between
the amount specified in said bid and such larger amount for which the Obligee may in good faith contract
with another party to perform the work covered by said bid, then this obligation shall be null and void,
otherwise to remain in full force and effect.

BID BOND

SIGNED AND SEALED this _____ day of _____, A.D., 20____.

In the presence of:

PRINCIPAL (SEAL)

WITNESS

TITLE

SURETY (SEAL)

WITNESS

TITLE

CONTRACT AGREEMENT

This agreement, made the ____ day of _____, 2026, and between

_____,
Party of the First Part, hereinafter called the "Contractor", and CITY OF LAKE SAINT LOUIS,
MISSOURI, Party of the Second Part, hereinafter called the "Owner".

WITNESSETH: That the Owner and the Contractor for the consideration hereinafter
named agree as follows:

ARTICLE 1 – SCOPE OF SERVICES

The Contractor shall furnish all of the labor, materials, machinery, and equipment and perform
all of the work outlined in the specifications and plans entitled LAKE SAINT LOUIS
BOULEVARD WIDENING AND RESURFACING PROJECT BID NO. 04-26, prepared by
the City of Lake Saint Louis, 200 Civic Center Drive, Lake Saint Louis, Missouri.

The Work to be done under this Contract consists of constructing and completing all work
described in the proposal, attached.

ARTICLE 2 - TIME OF COMPLETION

The work to be performed under this Contract shall be diligently prosecuted at such rate and in
such manner as, in the judgment of the engineer, it is necessary for the completion of the work
within the time specified as follows in accordance with Sec 108:

Start Date: ~~September 23, 2026~~

Completion Date: ~~300 Calendar Days from Notice to Proceed~~

November 16, 2026
May 31, 2027

~~It is mutually understood and agreed that time is the essence of this Agreement and in the event
said work is not completed on or before the date named above for its completion, party of the
first part, the Contractor, shall pay damages to the Owner, a sum equal to **ONE THOUSAND
SIX HUNDRED TWENTY-FIVE DOLLARS, (\$1,625.00)** per calendar day. Those damages
shall be used to pay the expenses of the inspectors and the services of the Engineer and City for
the extra time required for the completion of the work and for the delays or damages to the
traveling public affected by the project. Extra time shall in all cases be construed as the time
required for completion after the date herein named. Extensions of time granted by the party of
the second part, the Owner, for completion of the Contract on account of fire, strikes, or acts of
Providence shall not be construed as extra time. The amount of such expense and services shall
be determined by the Engineer, shall be reported to him in writing to the Owner, and shall be
withheld from any money due the Contractor and paid to the proper parties.~~

ARTICLE 3 - THE CONTRACT SUM

The Owner shall pay the Contractor for the performance of the Contract a sum not-to-exceed _____, (\$ _____) for the performance of the Contract, subject to additions and deductions provided herein, in current funds at the prices named in the proposal attached to and a part of these documents and the contract.

ARTICLE 4 - PROGRESS PAYMENTS

The Owner shall make payments on account of the Contract as provided therein as follows:

At the end of each calendar month, and no later than the fifth day of the next month, the Contractor shall certify and submit to the Engineer, an estimate of the amount and fair value of the work done, as a basis for partial payments therefore. **Such applications shall be submitted on standard AIA Document G702, or by invoice on a form approved by the City.** When the satisfactory progress has been completed during the previous month exceeds \$1,000.00 in amount, the Engineer will issue a certificate that such work has been completed and the value thereof and the City will then issue a voucher to the Contractor in the amount of the value of the work completed as certified.

It is understood and agreed that no partial payment shall be made to the Contractor until the Contractor shall furnish to the Engineer either the original or a duly certified copy of his and each of his subcontractor's payrolls and satisfactory proof of payment of, or satisfactory release thereof of all bills for services, materials, tools, supplies, and subcontractors.

As a consideration for such payment, the City shall have the right to enter upon and put into proper service, any or all parts of the work which may be in condition for use. No claim or charge is to be made by the Contractor for such use, nor is such use to be construed as an acceptance by the City of any part of the work so used.

Formal retainage is no longer designated by MoDOT as a routine part of the contract however 34.057 RSMo does allow up to 10% of the contract price to be retained in order to ensure performance of the contract. Payment may be withheld on any particular work item that has not been completed in accordance with the contract. This can include work incidental to the work item, and required documentation directly related to the work.

It is to be recognized and accepted by all parties that "As Built" drawings if required by the contract are due prior to certification of substantial completion. No retainage will be paid prior to the submittal and approval of "As Built" drawings required by the contract documents.

ARTICLE 5 - ACCEPTANCE AND FINAL PAYMENT

Upon satisfactory completion of the work as determined by final inspection, and when the final estimate has been prepared the Contractor will submit to the City a final certificate stating that the work has been completed, under the terms and conditions of the contract, and the amount,

based on the final estimate, remaining due the Contractor and submitted to the City. The Engineer shall issue concurrence of final completion or notice to the contractor and written explanation of deficiencies within fourteen calendar days. Upon issuance of concurrence by the Engineer, the City will then accept the work as fully completed and will, not later than thirty (30) days after submittal of Final certificate pay the Contractor the entire sum so found due thereunder after deduction of all previous payments and all percentages and amounts to be kept and retained under provisions of this Contract; provided however, and it is understood and agreed, that as a precedent to receiving final payment, the Contractor shall submit to the City a sworn affidavit that all bills for labor, service, materials, and subcontractors have been paid and that there are no suits pending in connection with the work done or labor and materials furnished under the Contract. All prior certificates and estimates, being approximate only, are subject to correction in the final estimate and payment.

ARTICLE 6 – OWNERS RIGHT TO WITHHOLD PAYMENT

Nothing in this contract shall prevent the owner from withholding payment or final payment from the contractor, or a subcontractor or material supplier. Reasons for withholding payment or final payment shall include, but not be limited to, the following: liquidated damages; unsatisfactory job progress; defective construction work or material not remedied; disputed work; failure to comply with any material provision of the contract; third party claims filed or reasonable evidence that a claim will be filed; failure to make timely payments for labor, equipment or materials; damage to a contractor, subcontractor or material supplier; reasonable evidence that a subcontractor or material supplier cannot be fully compensated under its contract with the contractor for the unpaid balance of the contract sum; or citation by the enforcing authority for acts of the contractor or subcontractor which do not comply with any material provision of the contract and which result in a violation of any federal, state or local law, regulation or ordinance applicable to that project causing additional costs or damages to the owner.

ARTICLE 7 - THE CONTRACT DOCUMENTS

The information for and instruction to bidders, the proposal, the bond, the general conditions of the contract, the specifications, and the drawings, together with the agreement, form the contract and they are as fully a part of this contract as if thereto attached or repeated.

ARTICLE 8 – COVENANT AGAINST CONTINGENT FEES

CONTRACTOR warrants that he has not employed or retained any company or person, other than a bona fide employee working for CONTRACTOR, to solicit or secure this agreement, and that he has not paid or agreed to pay any company or person, other than a bona fide employee, any fee, commission, percentage, brokerage fee, gifts or any other consideration, contingent upon or resulting from the award or making of this contract except as expressly listed in the proposal. For breach or violation of this warranty, the CITY shall have the right to annul this agreement without liability, or in its discretion to deduct from the contract price or consideration or otherwise recover the full amount of such fee, commission, percentage, brokerage fee, gift or

contingent fee for which the City may be liable, plus reasonable attorney's fee reimbursement for any legal fees incurred in connection therewith.

ARTICLE 9 – SUBLETTING, ASSIGNMENT OR TRANSFER

No portion of the work covered by this contract, except as provided herein, shall be sublet or transferred without the written consent of the CITY. The subletting of the work shall in no way relieve CONTRACTOR of his primary responsibility for the quality and performance of the work.

ARTICLE 10 – DECISIONS UNDER THIS CONTRACT

The CITY will reasonably determine the acceptability of work performed under this contract, and will reasonably decide all questions which may arise concerning the project. The CITY'S decisions shall be final and conclusive.

ARTICLE 11 – SUCCESSORS AND ASSIGNS

The CITY and CONTRACTOR agree that this contract and all contracts entered into under the provisions of this contract shall be binding upon the parties hereto and their successors and assigns.

ARTICLE 12 – COMPLIANCE WITH LAWS

CONTRACTOR shall comply with federal, state and local laws, ordinances and regulations applicable to the work, including Title VI of the Civil Rights Act of 1964 and shall procure all licenses and permits necessary for the fulfillment of obligations under this contract.

ARTICLE 13 – RESPONSIBILITY FOR CLAIMS AND LIABILITY

CONTRACTOR agrees to save harmless the CITY from all claims and liabilities due to its negligent acts or the negligent acts of its employees, agents or subcontractors.

ARTICLE 14 – NONDISCRIMINATION

CONTRACTOR , with regard to the work performed by it after award and prior to the completion of the contract work, will not discriminate on the grounds of race, color or national origin in the selection and retention of subcontractors. CONTRACTOR will comply with Title VI of the Civil Rights Act of 1964, as amended. In all solicitations, either by competitive bidding or negotiation made by CONTRACTOR for work to be performed under a subcontract, including procurement of material or equipment, each potential subcontract or supplier shall be notified by CONTRACTOR 'S obligations under this contract and the regulations relative to nondiscrimination on the grounds of color, race or national origin.

ARTICLE 15 – GENERAL CONSIDERATIONS

- A. The City of Lake Saint Louis expressly denies responsibility for or ownership of any item purchased until the same is delivered to and accepted by the City.
- B. Insurance: CONTRACTOR shall secure and maintain such insurance as will protect it from claims under the Worker's Compensation Acts, and insurance from claims for bodily injury, death, or property damage which may arise from the performance of it services under this agreement. Such insurance shall include provision to indemnify, hold harmless and defend the CITY from and against any and all liability for loss, damage or expense which the CITY may suffer or for which the CITY may be held liable by reason of any injury (including death) or damage to property arising out of negligence on the part of CONTRACTOR or any of its representatives or employees in the execution of the work to be performed.

ARTICLE 16 – PREVAILING WAGES

Contractor shall ensure that all labor performed in construction shall be compensated at prevailing wage, in accordance with the **Missouri Division of Labor Standards Annual Wage Order No. 33, (or the most current version thereof)** applicable to St. Charles County or **Federal Wage Rates**, whichever is higher. The latest version of the state wage rates can be accessed at: http://labor.mo.gov/DLS/PrevailingWage/AWO/18_WO092.pdf or see Appendix A – Wage Rates. Federal wage rates can be found at <http://www.wdol.gov/dba.aspx> or see Appendix A – Wage Rates. Certified Payroll Sheets complying with the current wage order shall be submitted with each request for payment.

In accordance with the Missouri Division of Labor Standards, all workers performing work under this contract must be paid not less than prevailing wage for work performed under this contract (see section 290.250, RSMo).

In accordance with the Missouri Division Labor of Standards, the contractor shall forfeit a penalty of \$100 per day to the City of Lake Saint Louis if a worker is paid less than the prevailing rate for any work done under the contract by the contractor or by any subcontractor (see section 290.250, RSMo).

ARTICLE 17 – CONTRACTOR'S LIABILITY INSURANCE

The successful bidder must provide three (3) properly executed certificates of insurance and three (3) copies of the performance and payment bonds filled out on the City's performance bond form, prior to the signing of the contract with the City.

Liability Insurance: The Contractor and any subcontractor shall indemnify and save harmless the City from all suits or action of every name and description brought against the City for or on account of any personal injuries, including accidental or resulting death, or property damages received or claimed to be received or sustained by any person or persons due to the construction of the work, or by or in consequence of any hazard, or of any negligence by the contractor or

sub-contractor, their agents or employees or assigns in safeguarding it, or due to any improper material used in the construction, or by or on account of any act or omission of the contractor or subcontractor, their employees, agents or assigns.

The Contractor shall carry adequate public liability and property damage insurance for the joint and several benefit of the contractor and the City with a company licensed to do business in the State of Missouri and satisfactory to the City and in the amounts not less than those specified below. The amounts of coverage required for public liability or property damage shall not be construed to limit the liability of the contractor in protecting the City from damage or injury claims. The City shall have the right to require the contractor to increase any or all such insurance policy limits while the contract work is in progress in the event the engineer determines that unusual or special risks revealed by the work so require and in such amounts as the engineer may determine to be adequate, and without thereby limiting the liability of the contractor in protecting the city from damage or injury claims.

As partial security for the defense of claims and the payments required under such indemnity, the contractor and any subcontractor shall furnish at their cost, an owner's protective insurance policy satisfactory to the city naming the City as insured for amounts not less than the contractor's public liability and property damage insurance covering the work.

The contractor shall comply fully with the requirements of the Workmens' Compensation Act of the State of Missouri and shall furnish evidence that the contractor is insured thereunder.

The coverage shall insure the City of its officers and employees while acting within the scope of their duties against all claims arising out of or in connection with the work to be performed.

The cost of the insurance shall be included in the prices bid for the various items of work and no additional payment will be made therefore.

The amounts of such insurance shall be not less than the following:

- a) Contractor's Bodily Injury Liability and
Property Damage Liability Insurance:
 - 1) Injury or death of one person \$1,000,000
 - 2) Injury to more than one person
in a single accident \$3,000,000
 - 3) Property damage \$1,000,000
- b) Automobile and Truck Public Liability, Bodily Injury,
and Property Damage:
 - 1) Injury or death of one person \$1,000,000

2) Injury to more than one person in a single accident	\$3,000,000
3) Property damage	\$1,000,000

Endorsements of insurance sent to the City as evidence of insurance shall contain the following statements, and in their absence the certificates will not be satisfactory to the City.

1. The insurance evidenced by this certificate will not be cancelled or altered except after ten (10) days from receipt by the City of written notice thereof.
2. The insurance evidenced by this certificate expressly includes blanket underground coverage including, but not limited to, injury to or destruction of wires, conduits, pipes, mains, sewers, or other grading of land, paving, backfilling, excavating or drilling, or to injury to or destruction of property at any time resulting therefrom.
3. The insurance evidenced by this certificate expressly includes person injury or death, or injury to or destruction of any property arising out of blasting or explosion or the collapse of or structural injury to any building or structure due to grading of land, excavation, filling, backfilling, or tunneling.
4. A certificate of insurance must be filed with the City providing builder's risk insurance for the proposed project.
5. The City must be listed on all Certificates of Insurance as additional insured.
6. A statement of the insurance company's A.M. Best rating will be required. A rating of at least A-VI is required.

ARTICLE 18 – SAFETY TRAINING

a. Contractor shall provide a ten (10) hour Occupational Safety and Health Administration (OSHA) construction safety program for all employees who will be on-site at the Project. The construction safety program shall include a course in construction safety and health that is approved by OSHA or a similar program approved by the Missouri Department of Labor and Industrial Relations which is at least as stringent as an approved OSHA program as required by Section 292.675, RSMo.

b. Contractor shall require its on-site employees to complete a construction safety program within sixty (60) days after the date work on the Project commences.

c. Contractor acknowledges and agrees that any of Contractor's employees found on the project site without documentation of the successful completion of a construction safety program shall be required to produce such documentation within twenty (20) days, or will be subject to removal from the Project.

d. Contractor shall require all of its Subcontractors to comply with the requirements of this Section and Section 292.675, RSMo. The Contractor shall maintain on the job site proof that all employees and subcontractor employees have completed a 10 hour Occupational Safety and Health Administration (OSHA) construction safety program.

ARTICLE 19 – AUTHORIZED EMPLOYEES

Work Authorization Affidavit: House Bill # 1549 contains Federal requirements prohibiting employment of unauthorized aliens and went into effect on January 1, 2009. Bidders must sign the E-verify Affidavit and provide documentation of participation in a federal work authorization program, such as E-Verify. E-Verify, <http://www.dhs.gov/everify>, is a Free internet-based system operated by the Department of Homeland Security, U.S. Citizenship and Immigration Services that allows employers to verify the employment eligibility of their employees, regardless of citizenship. Based on information provided by employees on their Form I-9, E-Verify checks the information electronically against records contained in DHS and Social Security Administration databases. There are penalties for employing an unauthorized alien, including suspension of the contractor's business license, termination of the contract, debarment from City and State work for a period of three years or permanently, and withholding 25% of the total amount due the contractor. The Affidavit provided must be turned in with the bids, along with documentation of participation on a federal work authorization program.

ARTICLE 20 – ANTI-DESCRIMINATION AGAINST ISRAEL ACT

If this Contract involves the acquisition or disposal of services, supplies, information technology, or construction and has a total potential value of \$100,000 or more, and if Contractor is a company with ten (10) or more employees, then Contractor certifies that it, and any company affiliated with it, does not boycott Israel and will not boycott Israel during the term of this Contract. In this paragraph, the terms "company" and "boycott Israel" shall have the meanings described in Section 34.600 of the Missouri Revised Statutes.

ARTICLE 21 – ELECTRONIC SIGNATURES

Each party agrees that this Agreement and any other documents to be delivered in connection herewith may be electronically signed, and that any electronic signatures appearing on this Agreement or such other documents are the same as handwritten signatures for the purposes of validity, enforceability, and admissibility.

ARTICLE 22 – CITY BUSINESS LICENSE

The Contractor shall obtain a City of Lake Saint Louis business license as required by Chapter 605 of the Lake Saint Louis Municipal Code prior to beginning work under this Agreement. The Contractor shall pay all fees and taxes to obtain and maintain business license during the full term of this Agreement. Failure to obtain such license shall be a material breach of this agreement and grounds for termination by City. No payments shall be made to Contractor until

such business license has been obtained. Business license may be obtained at <https://www.lakesaintlouis.com/1306/Business-Licenses>.

IN WITNESS WHEREOF, the parties have hereto executed this Agreement the date of the year first above written.

CITY OF LAKE SAINT LOUIS, MISSOURI

By: Mayor Date

Attest:

City Clerk Date

CONTRACTOR

By: Date

Attest:

Secretary

CERTIFICATE OF DIRECTOR OF FINANCE

I certify that the expenditure contemplated by this document is within the purpose of the appropriation and the work program contemplated thereby, and that there is a sufficient unencumbered balance in the appropriation account and in the proper fund to pay the obligation.

Director of Finance Date

CONTRACT BOND

KNOW ALL PERSONS BY THESE PRESENTS: That we _____

as principle, and _____

as surety, are held and firmly bound unto the City of Lake Saint Louis in the penal
sum of: _____

_____ DOLLARS (\$ _____) as the same may be increased by any and all changes in or additions to said contract which may hereafter be made, lawful money of the United States, to be paid to the said City of Lake Saint Louis or to its certain agents, attorneys, assigns, or to the Mayor of Lake Saint Louis for which sums of money, well and truly to be paid, we bind ourselves, our heirs, successors, assigns, executors, and administrators, jointly and severally, firmly by these presents.

SEALED with our seals and dated _____

The condition of this obligation is such that _____

WHEREAS, the said bounden principal has entered into a certain contract with the City of Lake Saint Louis acting by and through the Mayor of Lake Saint Louis, said contract being marked.

a copy of said contract being hereto attached and made a part hereof and bearing date of _____

NOW, THEREFORE, if the said principal shall comply with and fulfill all the conditions of said contract, including those under which principal agrees to pay the prevailing hourly rate of wages for each craft or type of workman required to execute the contract in the locality as determined by State and Federal authority, as applicable, or by final judicial determination, and properly and promptly complete the work in accordance with the provisions of said contract, plans and specifications without any hidden defects, and furnish all the labor and materials required by said contract, and any and all changes in, or additions to said contract, which may hereafter be made, and shall perform all the undertakings stipulated by said bounden principal to be performed and within the time mentioned in said contract, or within any additional time granted by the City of Lake Saint Louis, which may be granted without notice to or consent from the surety, and shall pay for all materials, lubricants, fuel, coal and coke, repairs on machinery, groceries and foodstuff, equipment and tools consumed or used in connection with the construction of such work, and all insurance premiums, both compensation, and all other kinds of insurance, on said work, and for all labor performed in such work, whether by subcontractor or claimant in person or by its employee, agent, servant, bailee, or bailor, then this to be void; otherwise it shall be and remain in full force and effect.

ATTEST: (SEAL)

Secretary

Principal

By _____

Title _____

Surety

ATTEST: (SEAL)

By _____

Title _____

Address – Agent or Broker

Street

City

Name and Street Address of Agent to Whom All
Correspondence Should be Directed Relating to
Contract and Bond.

Name

Street

City, State

1. Form to be used if Contractor is an individual.

State of _____)
County of _____) ss.

On this _____ day of _____, 20_____, before me personally appeared _____, to me known to be the person described in and who executed the foregoing proposal, contract agreement, and bond, and being first duly sworn, acknowledged that he/she executed the same as his/her free act and deed.

Witness my hand and seal at _____, _____, the day and year first
above written.

(SEAL) _____
Notary Public

My commission expires _____, 20____.

2. *Form to be used if Contractor is a partnership or unincorporated company.*

State of _____)
) ss.
 County of _____)

On this _____ day of _____, 20_____, before me personally appeared _____, to me known to be the person described in and who executed the foregoing proposal, contract agreement, and bond, and being first duly sworn, acknowledged that he/she executed the same as the free act and deed of the partnership or company, and stated that all of the members of the partnership or company are correctly shown in the proposal.

Witness my hand and seal at _____, _____, the day and
year first above written.

(SEAL) _____
Notary Public

My commission expires _____, 20_____.

3. **Form to be used if Contractor is a corporation**

State of _____)
County of _____) ss.

On this _____ day of _____, 20 _____, before me appeared _____, to me personally known, who being by me duly sworn, did say that he/she is the _____ of _____ (the Contractor) and that the seal affixed to the foregoing agreement and contract bond is the corporate seal of said corporation, and that the foregoing proposal, contract agreement, and contract bond were signed and sealed in behalf of said corporation by authority of its board of directors, and he/she acknowledges said instruments to be the free act and deed of said corporation.

Witness my hand and seal at _____, _____, the day and year first above written.

(SEAL)

Notary Public

My commission expires _____, 20 _____.

NOTICE TO PROCEED

TO: _____

DATE: _____
PROJECT: Lake Saint Louis Boulevard Widening
And Resurfacing Phase 1 Project

You are hereby notified to commence WORK in accordance with the Contract dated _____
_____, 20____, on or before _____, 20____, and you are to complete the WORK by
_____, 20____.

City of Lake Saint Louis
OWNER

BY

TITLE

ACCEPTANCE OF NOTICE

Receipt of the above NOTICE TO PROCEED is hereby acknowledged by _____

this the _____ day of _____, 20____.

BY

TITLE

NOTICE TO PROCEED

INFORMATION FOR BIDDERS
FOR
LAKE SAINT LOUIS BOULEVARD WIDENING AND RESURFACING PHASE 1
PROJECT
BID NO. 04-26
LAKE SAINT LOUIS, MISSOURI

1. BID GUARANTY:

Each bid shall be accompanied by a bid bond, cashier's check or a certified check for an amount not less than five (5) percent of the bid amount, payable unconditionally to the City of Lake Saint Louis, Missouri as a guarantee that the bidder will execute a contract and furnish the required bond if his bid is accepted.

2. OPENING OF BIDS:

All bids will be opened publicly and read aloud at the place designated and at the time set in the Advertisement for Bids. The right to reject any or all bids and to waive defects or technicalities in bids is reserved. Collusion between bidders is sufficient cause to disqualify all bidders so involved.

3. RETURN OF BIDDER'S DEPOSITS:

The bid guaranty, whether check or bid bond, of the low bidder will be retained until the contract has been executed by the successful bidder, all insurance requirements met and satisfactory contract bond furnished. The check of the low bidder will then be returned. The bid guaranty of the second low bidder will be returned when the City has determined that the award will not be made to that firm. If errors or irregularities appear in the bid of either of the two apparent low bidders which create doubt as to the status of such bid, the bid guaranties of other bidders may be retained. When the two lowest bidders have been definitely established, the checks of the other bidders will be returned. Any bid bond furnished as a bid guaranty will be returned only upon the request of the bidder furnishing it. If an award is not made, all checks will be returned to the bidders.

4. FORM OF PROPOSAL:

All bids must be made on the forms bound in the Bid Form and thereafter to the Project Proposal, and must include all required documents as indicated in the Notice To Contractors. The required documents for the bid include the Bid Form Proposal, Bid Sheet, Subcontractor Utilization Form, and Non-Collusion Affidavit. Failure to provide all the required documents as part of the bid submission shall result in a non-responsive bid ineligible for award consideration. Bid blanks must be completed and clearly filled in and must be free from alteration either by erasure or interlineations, or otherwise the bid proposal will be voided.

Bids must be properly signed in ink by the bidder, or by an authorized official or agent when the bidder is a firm or corporation. When the bid is made by a firm, the signature must include the firm name, and the signature of member thereof. When made by a corporation, the signature must contain the name of the corporation followed by the signature of the official or person authorized to bind it in the matter and with proof of his authority. When filed, **THREE COPIES** of the bid with the accompanying bid security must be enclosed together in a sealed envelope, clearly marked on the outside with the bid number and project name, addressed to ATTN: City Clerk, 200 Civic Center Drive, Lake Saint, Missouri. The bidder shall designate on the bid blank his official address to which all communications can be mailed. No facsimiles will be accepted.

5. **BASIS OF AWARD:**

Bids will be compared by the extension and summation of the unit prices submitted in the proposal. The quantities as shown on the proposal form are estimated and are furnished to be used as a basis for calculations and for the preparation of the bid. The quantities are not necessarily exact.

The City will award the contract to the lowest, responsive, responsible bidder.

6. **AWARD OF CONTRACT:**

The City will award the contract within a period not exceeding sixty days after the date of opening the bids, or else will reject all bids. The City reserves the right to require the successful bidder to file proof by the contract of their successful completion of similar projects.

7. **EXECUTION OF CONTRACT:**

The bidder to whom the contract has been awarded shall sign the contract and performance bond and return them to the City within seven (7) days after receipt of the contract. Failure to execute the contract and bonds and return them to the City within seven (7) days after receipt of the contract shall be cause for the annulment of the contract award and the forfeiture of the bid guaranty to the City.

8. **PERFORMANCE AND PAYMENT BOND:**

A bond will be required for the full amount of the contract price with a surety company authorized to do business in the State of Missouri and satisfactory to the City, conditioned for the faithful performance and payment of this contract and the guarantee of the work.

9. **RIGHT RESERVED TO REJECT BIDS:**

Pursuant to MODOT approval, the City reserves the right to reject any or all bids.

10. COMPLETION TIME:

The Contractor shall commence work within seven (7) days after the date of written notice from the Engineer to begin work, and shall complete all work within the number of days detailed in the Contract Agreement after the expiration date of such seven (7) day period. Progress and completion of work and damage if required for failure to complete the work within the time required shall be further set out in detail in the general conditions and the special provisions.

11. SURVEYS, PERMITS AND REGULATIONS:

The contractor shall make all surveys including all required construction staking unless otherwise provided. Any property corners disturbed by the construction activities shall be replaced at the contractor's cost. Permits and licenses of a temporary nature necessary for the prosecution of the work shall be secured and paid for by the contractor.

The contractor shall give all notices and comply with all laws, ordinances, rules and regulations bearing on the conduct of the work as drawn and specified. The contractor is required to observe all laws and ordinances relating to the obstructing of streets, maintaining signals, keeping open passageways and protecting them where exposed to danger, and all general ordinances affecting them or their employees or their work hereunder in their relations to the owner or any person, and also to obey all laws and ordinances controlling or limiting the contractor while engaged in the prosecution of the work under this contract. If the contractor observes that the drawings and specifications are at variance with laws and regulations, they shall promptly notify the Engineer in writing, and any necessary changes shall be adjusted as provided in the contract for changes in the work. If the contractor performs any work knowing it to be contrary to such laws, ordinances, rules, regulations, or specifications, of local, state or federal authorities without such notice to the Engineer, they shall bear all costs arising therefrom.

See Section 2.15 of the General Conditions.

12. NO OTHER INTERESTED PARTIES:

The contractor declares that the only persons interested in this contract as principals are therein named as such; that no official of the municipality and no person acting for or employed by the municipality is directly or indirectly interested in this bid, or in any contract which may be made under it, or in any expected emolument, or profit to arise therefrom; that their bid and their contract are made in good faith, without fraud, collusion or connection with any other person bidding for the same work.

13. WITHDRAWAL OF BIDS:

Any bidder may withdraw their bid at any time prior to the scheduled closing time for the receipt of bids, but no bid shall be withdrawn for a period of sixty (60) days after the scheduled closing time for the receipt of bids.

14. CONTRACTOR'S UNDERSTANDING:

It is understood and agreed that the contractor has, by careful examination, satisfied himself as to the nature and location of the work, the conformation of the ground, the character, quality and quantity of the materials to be encountered, the character of the equipment and facilities needed preliminary to and during the prosecution of the work, the general and local conditions, and all other matters which can in any way affect the work under this contract.

No official, officer, or agent of the owner is authorized to make any representations as to the materials or workmanship involved, or the conditions to be encountered, and the contractor agrees that no such statement or the evidence of any documents or plans, not a part of this contract, shall constitute any grounds for claim as to conditions encountered. No verbal agreement or conversation with any officer, agent or employee of the owner either before or after the execution of this contract, shall affect or modify any of the terms or obligations herein contained.

It is understood and agreed that the contractor has informed themselves fully as to the conditions relating to construction and labor under which the work will be performed, and agrees as far as possible to employ such methods and means in the carrying out of the work as will not cause any interruption or interference with any other contractor.

15. CONDITIONS IN BIDDER'S PROPOSAL:

The bidder shall not stipulate in their proposals any conditions not contained in the form of proposal contained in the contract documents.

16. TAXES:

Bidders shall include in their proposals any sales or use taxes which they are required by law to pay. This project is exempt from all sales taxes for construction materials and suppliers used directly in fulfilling contract requirements. Sales tax shall not be included into the unit costs for this project. The contractor shall follow the regulation as outlined in Missouri 12 CSR 10-3.388 Construction Materials.

The City will issue the contractor a tax exemption letter and a project exemption certificate. These documents are to be given to the applicable suppliers and used only for the project identified and will expire on the date indicated unless otherwise renewed by the City.

17. RIGHTS-OF-WAY:

The City will provide all rights-of-way upon which work is to be done.

18. INSURANCE:

The successful bidder must provide three (3) properly executed certificates of insurance and three (3) copies of the performance and payment bonds filled out on the City's performance bond form, prior to the signing of the contract with the City.

Liability Insurance: The Contractor and any subcontractor shall indemnify and save harmless the City from all suits or action of every name and description brought against the City for or on account of any personal injuries, including accidental or resulting death, or property damages received or claimed to be received or sustained by any person or persons due to the construction of the work, or by or in consequence of any hazard, or of any negligence by the contractor or sub-contractor, their agents or employees or assigns in safeguarding it, or due to any improper material used in the construction, or by or on account of any act or omission of the contractor or subcontractor, their employees, agents or assigns.

The Contractor shall carry adequate public liability and property damage insurance for the joint and several benefit of the contractor and the City with a company licensed to do business in the State of Missouri and satisfactory to the City and in the amounts not less than those specified below. The amounts of coverage required for public liability or property damage shall not be construed to limit the liability of the contractor in protecting the City from damage or injury claims. The City shall have the right to require the contractor to increase any or all such insurance policy limits while the contract work is in progress in the event the engineer determines that unusual or special risks revealed by the work so require and in such amounts as the engineer may determine to be adequate, and without thereby limiting the liability of the contractor in protecting the city from damage or injury claims.

As partial security for the defense of claims and the payments required under such indemnity, the contractor and any subcontractor shall furnish at their cost, an owner's protective insurance policy satisfactory to the city naming the City as insured for amounts not less than the contractor's public liability and property damage insurance covering the work.

The contractor shall comply fully with the requirements of the Workmens' Compensation Act of the State of Missouri and shall furnish evidence that the contractor is insured thereunder.

The coverage shall insure the City of its officers and employees while acting within the scope of their duties against all claims arising out of or in connection with the work to be performed.

The cost of the insurance shall be included in the prices bid for the various items of work and no additional payment will be made therefore.

The amounts of such insurance shall be not less than the following:

- a) Contractor's Bodily Injury Liability and Property Damage Liability Insurance:
 - 1) Injury or death of one person \$1,000,000
 - 2) Injury to more than one person
in a single accident \$3,000,000
 - 3) Property damage \$1,000,000
- b) Automobile and Truck Public Liability, Bodily Injury, and Property Damage:
 - 1) Injury or death of one person \$1,000,000
 - 2) Injury to more than one person
in a single accident \$3,000,000
 - 3) Property damage \$1,000,000

Endorsements of insurance sent to the City as evidence of insurance shall contain the following statements, and in their absence the certificates will not be satisfactory to the City.

1. The insurance evidenced by this certificate will not be cancelled or altered except after ten (10) days from receipt by the City of written notice thereof.
2. The insurance evidenced by this certificate expressly includes blanket underground coverage including, but not limited to, injury to or destruction of wires, conduits, pipes, mains, sewers, or other grading of land, paving, backfilling, excavating or drilling, or to injury to or destruction of property at any time resulting therefrom.
3. The insurance evidenced by this certificate expressly includes person injury or death, or injury to or destruction of any property arising out of blasting or explosion or the collapse of or structural injury to any building or structure due to grading of land, excavation, filling, backfilling, or tunneling.
4. A certificate of insurance must be filed with the City providing builder's risk insurance for the proposed project.
5. The City must be listed on all Certificates of Insurance as additional insured.
6. A statement of the insurance company's A.M. Best rating will be required. A rating of at least A-VI is required.

19. CONTRACTOR'S WORK SCHEDULE:

The contractor shall submit a preliminary work schedule for the Engineer's approval prior to initiation of construction. This schedule must show that steady uninterrupted progress is planned for the improvements and that minimum disruption of local traffic will take place. This schedule shall be updated monthly through the length of the project.

20. PRICE TO BE WRITTEN:

If space is provided on the bid form, all prices shall be written in words, as well as express in figures, where space is provided. In case of a discrepancy between the prices written in words and prices written in figures, the prices written in words will be used.

21. COMPLIANCE:

The successful bidder will be required to comply with the Missouri Division of Labor Standards, Annual Wage Order 22 or Federal Wage rates, whichever is higher.

The successful bidder shall comply with requirements of Section 290.550 to 209.580 RSMo (2000), conclusive, when applicable.

In accordance with the Missouri Division Labor of Standards, the contractor shall forfeit a penalty of \$100 per day to the City of Lake Saint Louis if a worker is paid less than the prevailing rate for any work done under the contract by the contractor or by any subcontractor (see section 290.250, RSMo).

22. TRAFFIC CONTROL / SIGNAGE:

The contractor shall supply the required signage and barricades to give proper warning of this work. The type and amount of signage shall, at a minimum, be as indicated on the drawings, specified or as directed by the Traffic Technician or Engineer. All signage shall be in conformance with the Manual on Uniform Traffic Control Devices. Any obstruction left in or upon the street or sidewalk between one hour after sunset to one hour before sunrise shall have a lighted barricade(s) attached to or placed with it. Detour routes and signage must be well marked and approved by the engineer prior to posting. All projects shall have at least two (2) informational signs on the site listing: the City's project name, the general contractor's name and the approximate length of construction for the project. These informational signs shall be 36" x 48" with 4" lettering and approved by the engineer prior to posting. All signage and traffic control is at the contractor's expense unless specifically listed as a pay item.

23. CITY WILL FURNISH:

The City will furnish the engineered plans for the project if applicable. The contractor is responsible for all construction staking unless otherwise provided.

24. CONSTRUCTION COSTS:

All units of construction necessary for the completion of the project shall be performed at no additional costs for the City unless specifically listed as a pay item.

25. UTILITIES:

The Contractor will be required to have all utilities located. Damage to existing utilities due to neglect of the contractor shall be repaired at the contractor's expense.

26. STORM SEWER CONSTRUCTION:

See Section I of the City of Lake St. Louis Technical Specifications.

27. SAFETY:

The contractor is responsible for all job site safety and shall follow all governmental rules and regulations particularly those of the Occupational Safety and Health Administration (OSHA).

28. AS-BUILT PLANS:

See Section 2.16 of the General Conditions.

29. GOVERNING CONSTRUCTION STANDARDS:

Unless specifically noted otherwise within these Contract Documents, the following construction standards shall be used for and govern the work on this project:

Storm Sewer Facilities: Standard Construction Specifications for Sewers and Drainage Facilities, 2023 edition or latest version thereof by the Metropolitan St. Louis Sewer District (MSD).

Sanitary Sewer Specifications: Sewer System Specifications for Public Water Supply District No. 2 of St. Charles County, September 2025 edition or latest version therefore by Public Water Supply District No. 2 of St. Charles County.

Roadway Construction (within City of Lake Saint Louis Right of Way): Divisions 200, 300, 400, 500, 600, 700, 800, 900 and 1000 St. Louis County Standard Specifications for Road and Bridge Construction, September 1, 2023 edition or latest version thereof by the St. Louis County Department of Highways and Traffic.

Signing and Striping: Divisions 600, 900 Missouri Standards and Specifications for Highway Construction, April 1, 2026 Edition.

Retaining Wall: Divisions 700 Missouri Standards and Specifications for Highway Construction, April 1, 2026 Edition.

The above noted documents are to be used as construction standards only. Contract language and specifications shall not be modified by these documents. Any part of the Contract or Contract Documents for this project shall take precedence over any contradictory language within the above noted documents.

30. POSTAL DELIVERIES:

The contractor is to make arrangements with the US Post Office to allow for delivery of the mail during the project. The contractor is to provide temporary mailboxes and reset or replace any existing mailboxes disturbed by the construction. This item shall be incidental and the contractor will not receive any direct payment for this item.

31. TRASH COLLECTION:

The contractor is to provide trash collection services if the construction activities prohibit regular collection services. This item shall be incidental and the contractor will not receive any direct payment for this item.

32. INGRESS/EGRESS ACCESS:

The contractor shall provide ingress/egress access to all properties at all times. All temporary roadways and driveways required on the project shall be incidental to the contract (unless otherwise provided) and no additional payment will be made for these items. If temporary pavement is to be used for more than 3 weeks or it will provide access to 4 or more properties, the pavement type shall be hot mix asphalt.

33. GROUND RESTORATION:

Unless otherwise provided, all disturbed areas within r/w or within established lawns shall be restored using sod following City Standards. A separate bid item shall be established for sodded areas.

DBE Submittal Forms - LPA

- (6) **DBE Submittal Forms:** This form must be submitted by 4 p.m. three (3) business days after bid opening. You may also use the Excel version located at:
https://epg.modot.org/forms/CM/DBE_Identification_Submittal_Form_LPA_Excel.xlsm

(A) DBE Contract Goal: By submitting this bid, the bidder certifies that the bidder is familiar with the DBE Program Requirements in this contract. The contract DBE goal for the amount of work to be awarded is **0%** of the total federal project price. The bidder shall also complete the DBE Submittal Form in accordance with the program requirements.

(B) DBE Participation: The bidder certifies that it will utilize DBE's as follows:

_____% OF TOTAL FEDERAL CONTRACT

NOTE: Bidder must fill in the above blank. If no percentage is specified, the bidder certifies that it agrees to, and will comply with the contract goal. If a percentage below the contract goal is specified, then the bidder must submit complete documentation of good faith efforts to meet the DBE contract goal, immediately below.

(C) Certification of Good Faith Efforts to Obtain DBE Participation: By submitting its signed bid, the bidder certifies under penalty of perjury and other provisions of law, that the bidder took each of the following steps to try to obtain sufficient DBE participation to achieve the Commission's proposed DBE Contract Goal: (Attach additional sheets if necessary).

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

DBE Identification Submittal Form

(For Local Program Agency (LPA) Projects)

Job Number: STP-5418 (625)

Route: Lake Saint Louis Boulevard

County: St. Charles

Prime Contractor: _____

Contract Amount: _____

Identification of Participating DBE's: Provide the requested information below for each DBE participating on the project. Submit this information with your bid or no later than 4:00 p.m. on the 3rd business day after the bid opening. Contact MoDOT's Business Development and Compliance (BDC) Division at (573) 526-2978 for questions and assistance on completion. **This page of this document must be received for each DBE utilized on the project. A DBE Regular Dealer/Distributor Affirmation Form is required for each DBE firm submitted as a regular dealer or distributor.**

All information must be provided.

If awarded the contract for this project, the undersigned will use the following DBE to perform or furnish the work, supplies, and/or services as shown below:

DBE Name: _____ Address: _____

(A) Line No.	(B) Dollar Value of DBE Work** (Unit Price x Quantity of the Item in (A), or Lump Sum)	(C) Dollar value applicable to DBE Goal** (40%, 60%, 100%)	(D) Dollar amount applicable to DBE Goal (B x C)	(E) Percent of total contract amount for line item (D / total contract amount)
			DBE Total:	Total %

**Cannot exceed contract amount for given item of work
Trucking services credited at 100% if the DBE owns the trucks or is leasing from a DBE firm
Allowed amount of participation will be in accordance with 49 CFR Part 26.
Supplier Affirmation Form required for all DBE firms submitted as suppliers.
Brokered services will only receive credit for fees.

Respectfully submitted:

Company Name (Prime Contractor)

Name / Title

Signed (Prime Contractor)

Instructions for Completing the DBE Identification Submittal Form

(For Local Program Agency (LPA) Projects)
(BDC-101)

Submit this form with your bid or as outlined on front of page no later than 4:00 p.m. on the 3rd working day after the bid opening. Only DBE's listed in MoDOT's Missouri Regional Certification Committee (**MRCC**) directory may be used towards obtaining the DBE goal on the project. DBE firm must be certified with the appropriate North American Industrial Classification System (**NAICS**) code for the type of work being utilized to perform. The MRCC directory is available at the following link under the MRCC Directory tab: <https://www.modot.org/welcome-business-development-and-compliance>.

- (A) Insert Bid Line Item in the same order as it appears in the bid document.
- (B) Insert the result from multiplying the unit price for the bid line item by the quantities listed in column (A); a lump sum, if applicable, may also be inserted.
- (C) Insert the percentage of column (B) that the DBE will perform. If the DBE is a distributor as that term is defined in 49 CFR Part 26.55, then only 40% of the value in column (B) can be applied towards the contract specific goal. If the DBE is a supplier as that term is defined in 49 CFR Part 26.55, then only 60% of the value in column (B) can be applied towards the contract specific goal. **A Supplier Affirmation Form is required for each DBE firm submitted as a supplier. A copy of this form is provided on the next page.** If the DBE is furnishing and installing the line item, then 100% of the value can be applied.
- (D) Insert the result from dividing columns (B) and (C).
- (E) Insert the result from dividing column (D) from the total bid line item amount.



DBE Regular Dealer/Distributor

Bidder Name:

Sections 26.53(c)(1) of Title 49 Code of Federal Regulations requires recipients to make a preliminary counting determination for each DBE listed as a regular dealer or distributor to assess its eligibility for 60 or 40 percent credit, respectively, of the cost of materials and supplies based on its demonstrated capacity and intent to perform as a regular dealer or distributor, as defined in section 26.55(e)(2)(iv)(A),(B),(C), and (3) under the contract at issue. The regulation requires the recipient's preliminary determination to be made based on the DBE's written responses to relevant questions and its affirmation that its subsequent performance of a commercially useful function will be consistent with the preliminary counting of such participation. The U.S. Department of Transportation is providing this form as a tool for recipients, prime contractors, regular dealers, and distributors to use to carry out their respective responsibilities under this regulation. The form may be used by each DBE supplier whose participation is submitted by a bidder for regular dealer or distributor credit on a federally-assisted contract with a DBE participation goal. The form may also be used by prime contractors in connection with DBE regular dealer or distributor participation submitted after a contract has been awarded provided such participation is subject to the recipient's prior evaluation and approval. If this form is used, it should be accompanied by the bidder's commitment, contract, or purchase order showing the materials the DBE regular dealer or distributor is supplying. Use of this tool is not mandatory. If a recipient chooses a different method for complying with Section 26.53(c)(1), it must include that method in its DBE Program Plan.

1. Will all items sold or leased be provided from the on-hand inventory at your establishment? ☐ YES ☐ NO

(If "YES," you have indicated that your performance will satisfy the regular dealer requirements and may be counted at 60%. STOP here. Read and sign the affirmation below. If "NO" Continue.)

- a) Are you selling bulk items (e.g., petroleum products, steel, concrete, concrete products, sand, gravel, asphalt, etc.) or items not typically stocked due to their unique characteristics (aka specialty items)?
☐ YES ☐ NO (If "YES," Go to Question 2. If "NO" Continue.)
- b) Will at least 51% of the items you are selling be provided from the inventory maintained at your establishment, and will the minor quantities of items delivered from and by other sources be of the general character as those provided from your inventory?

☐ YES ☐ NO* (If "YES," you have indicated that your performance will satisfy the regular dealer requirements and may be counted at 60%. STOP here. Read and sign the affirmation below.)

*If 1., 1.a), and 1. b) above are "NO," your performance on the whole will not satisfy the regular dealer requirements; therefore, only the value of items to be sold or leased from inventory can be counted at 60%. (Go to Question 3. to determine if the items delivered from and by other sources are eligible for Distributor credit.)

2. Will you deliver all bulk or specialty items using distribution equipment you own (or under a long-term lease) and operate?

☐ YES ☐ NO¹

(If "YES," you have indicated that your performance will satisfy the requirements for a regular dealer of bulk items and may be counted at 60%. STOP here. Read and sign the affirmation below.)

¹ If "NO," your performance will not satisfy the requirements for a regular dealer of bulk items; the value of items to be sold or leased cannot be counted at 60%. (Go to Question 3.)

3. Will the written terms of your purchase order or bill of lading from a third party transfer responsibility, including risk for loss or damage, to your company at the point of origin (e.g. a manufacture's facility)? ☐ YES² ☐ NO³

- a) Will you be using sources other than the manufacturer (or other seller) to deliver or arrange delivery of the items sold or leased? ☐ YES² ☐ NO³

² If your responses to 3 and 3.a) are "YES," you have indicated that your performance will satisfy the requirements of a distributor; therefore, the value of items sold or leased may be counted at 40%.

³ If you responded "NO" to either 3 or 3.a), counting of your participation is limited to the reasonable cost of fees or commissions charged, including transportation charges for the delivery of materials or supplies; the cost of materials or supplies may not be counted.

I affirm that the information that I provided above is true and correct and that my company's subsequent performance of a commercially useful function will be consistent with the above responses. I further affirm that my company will independently negotiate price, order specified quantities, and pay for the items listed in the bidder's commitment. This includes my company's responsibility for the quality of such items in terms of necessary repairs, exchanges, or processing of any warranty claims for damaged or defective materials.

Printed Name and Signature of DBE Owner/Authorized Representative:

The bidder acknowledges its responsibility for verifying the information provided by the DBE named above and ensuring that the counting of the DBE's participation is accurate. Any shortfall caused by errors in counting are the responsibility of the bidder.

Printed Name and Signature of Bidder's Authorized Representative:

DISADVANTAGED BUSINESS ENTERPRISE (DBE) PROGRAM REQUIREMENTS
FOR LOCAL PROGRAMS

1.0 Program Applicability. The subsequent sections will apply only to contracts involving U.S. Department of Transportation (USDOT) federal-aid or federal funded participation. Federal-aid or federal funded participation includes, but is not limited to, any funds directly or indirectly received by MoDOT, or authorized for distribution to or through MoDOT, by the USDOT or any operating administration within the USDOT. These provisions will not apply to contracts funded exclusively with state funds, or state and local funds. Any contractor, subcontractor, supplier, DBE firm, and contract surety involved in the performance of a federal-aid contract shall be aware of and fully understand the terms and conditions of the USDOT DBE Program, as the terms appear in Title 49 CFR Part 26 (as amended), the USDOT DBE Program regulations; Title 7 CSR Division 10, Chapter 8 (as amended), and the Commission's DBE Program rules.

2.0 DBE Program Distinguished From Other Affirmative Action Programs. The USDOT DBE Program established by the U.S. Congress is not the same as, and does not involve or utilize, any of the elements or authority of other state or local affirmative action programs, nor does the program rely upon state legislation or gubernatorial executive orders for implementation or authorization, other than the general authority given the Commission in Section 226.150, RSMo. The USDOT DBE Program is implemented by the Commission and MoDOT, through and in conjunction with the FHWA, FTA and FAA, as a "recipient" defined in Title 49 CFR 26.5.

3.0 Policy Regarding DBE Firms. It is the policy of the U. S. Department of Transportation and MoDOT that businesses owned by socially and economically disadvantaged individuals have an opportunity to participate in the performance of contracts funded in whole or in part with federal funds. Consequently, the requirements of 49 CFR Part 26 (as amended) and the Commission's implementing state regulations in Title 7 CSR Division 10, Chapter 8, "Disadvantaged Business Enterprise Program", will apply to any contract funded in whole or part with federal funds.

4.0 Opportunity for DBEs to Participate. Each contractor, subcontractor and supplier working on a contract funded in whole or in part with federal funds shall take all necessary and reasonable steps to ensure that DBEs have an opportunity to compete for and participate in performance on project contracts and subcontracts in which a DBE goal is established.

5.0 Required Contract Provision. The federal-aid contract will include the following provision, as mandated by USDOT at Title 49 CFR 26.13(b):

(a) The contractor, subrecipient or subcontractor shall not discriminate based on race, color, religion, national origin, or sex in the performance of the contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of USDOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of the contract, which may result in the termination of the contract or such other remedy, as the recipient deems appropriate.

In this provision, “contractor” will be defined as the contractor on the contract; sub-contractor, or material supplier performing the work on or for the project. For the purposes of any federal-aid contract awarded by the Local Public Agency (LPA), they will be designated as “the recipient”. The contractor shall include this same contract provision in every supply contract or subcontract the contractor makes or executes.

6.0 DBE Program Information. DBE Program information may be obtained from the MoDOT Business Development & Compliance Division, 105 W. Capitol Avenue, P.O. Box 270, Jefferson City, Missouri 65102-0270. Phone (573) 751-7801, Fax (573) 526-0558, E-Mail: dbbe@modot.mo.gov. It will be the duty of each contractor, and for the contractor’s subcontractors to take the steps necessary to determine the legal obligations and limitations under the DBE Program, as an element of responsibility. It will be the duty of each certified DBE firm to know, understand and comply with the DBE firm’s legal obligations and limitations under the DBE Program, as a requirement of program participation.

7.0 DBE Certification, and the Missouri Unified Certification Program. MoDOT and other certifying agencies within Missouri have partnered to form the Missouri Regional Certification Committee (MRCC) and developed a Unified Certification Program (UCP) pursuant to 49 CFR 26.81 and 7 CSR 10-8.061. Only DBE firms certified by the MRCC are eligible to perform work on a federal-aid contract for DBE contract goal credit. It is the contractor’s responsibility to ensure firms identified for participation are approved certified DBE firms.

The MRCC DBE Directory can be found at the following link:
<https://www.modot.org/welcome-business-development-and-compliance>

8.0 DBE Program-Related Certifications Made By Bidders and Contractors. If the bidder makes a written, express disclaimer of one or more certifications or assurances in the bid, the bid will be considered non-responsive. By submitting a bid on any project involving USDOT federal financial participation, and by entering into any contract on the basis of that bid, the contractor makes each of the following DBE Program-related certifications and assurances to USDOT, to the Commission, to MoDOT, and to the LPA:

(a) The bidder certifies that management and bidding officers have reviewed and understand the bidding and project construction and administration obligations of the USDOT DBE Program regulations at Title 49 CFR Part 26 (as amended), and the Commission’s DBE Program rules at Title 7 CSR Division 10, Chapter 8 (as amended).

(b) The bidder agrees to ensure that certified DBE firms have a full and fair opportunity to participate in the performance of the contract financed in whole or in part with federal funds. The bidder certifies that all necessary and reasonable steps were taken to ensure that DBE firms have an opportunity to compete for, and perform work on the contract. The bidder further certifies that the bidder not discriminate on the basis of

race, color, age, national origin or gender in the performance of the contract, or in the award of any subcontract.

(c) The bidder certifies that if awarded the federal-aid contract, the contractor will make a good faith effort to utilize certified DBE firms committed to with the awarded contract.

(d) The bidder certifies, that if awarded the federal-aid contract with an approved DBE Good Faith Effort, the bidder will at a minimum achieve any DBE participation committed at time of bid as well as make good faith efforts to obtain additional DBE participation throughout the life of the project. Any liquidated damages at the completion of the project will be assessed contingent on the awarded bidders efforts in obtaining DBE participation.

(e) The bidder understands and agrees that if awarded the contract the contractor is legally responsible to ensure that the contractor and each DBE, comply fully with all regulatory and contractual requirements of the USDOT DBE Program, and that each DBE firm participating in the contract fully perform the designated tasks, with the DBE's own forces and equipment, under the DBE's own direct supervision and management. The bidder certifies, that if awarded the contract and if MoDOT or the Commission determine that the contractor, a DBE or any other firm retained by the contractor has failed to comply with the DBE Program requirements or federal or state DBE Program regulations, the Commission, through MoDOT, shall have the sole authority and discretion to determine the extent of the monetary value to which the DBE contract goals have not been met at the project completion, and to assess against and withhold monetary damages from the contractor up to the full amount of that breach. The bidder further understands and agrees that this clause authorizes the Commission, through MoDOT, to determine and fix the extent of the damages caused by a breach of any contractual or regulatory DBE Program requirement and that the damage assessment will be enforced in addition to, and not in lieu of, any other general liquidated damages clause in the contract. By submitting a bid for a federal-aid contract, the bidder irrevocably agrees to such an assessment of liquidated damages for DBE Program purposes, and authorizes the Commission and MoDOT to make such an assessment of liquidated damages against the contractor, and to collect that assessment from any sums due the contractor under the contract, or any other contract, or by other legal process. The bidder makes this certification, agreement and authorization on behalf of itself, for each federal-aid contract.

9.0 Designation of DBE firms to perform on contract. The bidder states and certifies that the DBE participation information submitted in the bid or within the contract designated time is true, correct and complete and that the information provided includes the names of all DBE firms that will participate in the contract, the specific line item (s) that each DBE firm will perform or partially perform, and the creditable dollar amounts of the participation of each DBE. The specific line item must reference the bid line number and item number contained in the proposal. The bidder further states and certifies that the bidder has committed to use each DBE firm listed for the work shown to

meet the DBE contract goal and that each DBE firm listed has clearly confirmed to the bidder that the DBE firm will participate in and perform the work, with the DBE's own forces.

(a) The bidder certifies the bidder's understanding that as the contractor on a contract funded in whole or in part by USDOT federal funds, the bidder may not unilaterally terminate, substitute for, or replace any DBE firm that was designated in the executed contract, in whole or in any part, with another DBE, any non-DBE firm or with the contractor's own forces or those of an affiliate, without the prior written consent of MoDOT. The bidder understands it must receive approval in writing from MoDOT for the termination of a DBE firm, or the substitution or replacement of a DBE before any substitute or replacement firm may begin work on the project in lieu of the DBE firm participation information listed in the executed contract. Unless MoDOT's written consent is provided as outlined above, the bidder shall not be entitled to any payment of work or material unless it is performed or supplied by the listed DBE.

(1) The bidder further certifies understanding, that if a DBE firm listed in the bid or approved in the executed contract documents ceases to be a certified DBE firm, at any time during the performance of the contract work, and a contract or subcontract with that firm has not yet been executed by the prime and subcontractor, the contractor can not count any work performed by that firm after the date of the firm's loss of eligibility toward meeting the DBE contract goal. The contractor can pursue efforts to replace the work planned with the decertified firm, with other certified DBEs, in coordination with MoDOT's Business Development & Compliance Division. If the contractor has executed a subcontract with the firm before the DBE lost eligibility and ceased to be a certified DBE, the contractor may continue to receive credit toward the DBE contract goal for that firm's work on the executed subcontract. However, if the reason for the firm's DBE decertification is due to the firm being acquired or merged with a non-DBE, the portion of the work remaining after the date of decertification is not eligible for counting towards the contract goal. In this case, the Contractor must seek additional DBE participation to the extent needed to meet the contract goal or demonstrate that it has made good faith efforts to do so. Subcontract extensions that add work for firms that become decertified from the DBE program may not count for DBE goal credit without MoDOT's prior written consent.

(2) The bidder further certifies the bidder's understanding, that the dollar value of any work completed by a DBE firm prior to approval of the DBE's substitution or replacement, in writing, by MoDOT will not be credited toward meeting the DBE contract goal. No credit toward the DBE goal will be given for any amount withheld from payment to the DBE or "back charged" against monies owed to the DBE, regardless of the purpose or asserted debt.

10.0 Contract Goal Submittal. The bidder may submit the completed "DBE Identification Submittal" information in the bid documents at the same time as, and within the sealed bid, at the time the bid is submitted. However, if that information is not completed and submitted with the initial sealed bid, then as a matter of responsiveness

and responsibility, all bidders shall file the completed “DBE Identification Submittal” pages to the Local Agency on or before 4:00 p.m. of the third business day after the bid opening date. The Local Agency may permit telefax transmittal.

Any “DBE Identification Submittal” that identifies a DBE regular dealer or distributor must be accompanied by a “DBE Regular Dealer/Distributor Affirmation Form” that is completed and signed by both the bidder and the DBE. This form must be received on or before 4:00 p.m. of the third business day after the bid opening date.

No extension of time will be allowed for any reason. The means of transmittal and the risk of timely receipt of the information shall be the bidder’s.

10.1 Good Faith Effort Submittal. If the bidder is not able to meet the Commission’s DBE contract goal, the bidder has the opportunity to submit with and as a part of the bid, a true, accurate, complete and detailed written explanation of good faith efforts taken to meet the DBE Contract Goal established in the bid documents. The bidder shall use the “DBE Identification Submittal” sheets for any DBE participation that will be committed towards the goal and an explanation, with any supporting documentation, for the inability to meet the full goal established on the contract. Any Good Faith efforts shall be submitted as part of the bid or within the three business days after the bid opening.

10.2 Bidders Good Faith Efforts Described. MoDOT will consider the quality, quantity, and intensity of the different kinds of efforts that the bidder has made based upon 49 CFR Appendix A to Part 26 and the following additional efforts:

- (a) Providing documentation on any and all past GFE activities for review.
- (b) Past project DBE performance utilization.
- (c) Race neutral methods utilized on completed projects.

All good faith efforts are evaluated on a case-by-case basis whereas any of the numerous good faith elements listed individually or collectively is not a guarantee of approval.

10.3 Administrative Reconsideration of the Bidder’s Good Faith Efforts Made as a Part of the Bid Submittal. If MoDOT determines that the apparent low bidder has failed to adequately document in the bid that the bidder made a good faith effort to achieve sufficient DBE participation in the contract work, that firm will be offered the opportunity for administrative reconsideration upon written request, before MoDOT and the Commission reject that bid as non-responsive.

10.4 Forfeiture of Bid Bond possible when: The failure of either the apparent low bidder to file the completed and executed “DBE Identification Submittal”, listing actual, committed DBE participation equal to or greater than the DBE contract goal percentage specified in the bid by 4:00 p.m. on the third business day after the bid opening, will be cause for rejection of that bid. In addition, the bid surety bond or bid guaranty of the apparent low bidder will be forfeited to and become the property of the Local Agency upon demand, only if the contract is awarded.

(a) By submitting a bid on a federal-aid project, the bidder accepts and agrees to these provisions, and the disposition of the bidders bid bond or guaranty, upon demand by the Local Agency.

11.0 DBE Participation for Contract Goal Credit. Goal credit will be in accordance with 49 CFR 26.55 as outlined for the following DBE types:

- Subcontractor
- Manufacturer
- Regular Dealer
- Distributor
- Broker
- Trucker

12.0 DBE Required to Perform a Commercially Useful Function (CUF). The DBE CUF requirements are stated in 49 CFR Part 26, (26.55). Any questions or further information needed for CUF determinations should be directed to MoDOT's Business Development & Compliance Division.

12.1 Quality Control (QC) and Quality Assurance (QA) Reviews. The prime contractor shall monitor their planned DBE project usage for CUF compliance and provide MoDOT information for areas of concern for further evaluation. MoDOT will perform a QA review, or compliance review, for DBE CUF and project documentation retained by the contractor through project completion. The contractor shall maintain all DBE related information it has received, documented and provided to MoDOT for a period of three years beyond the date of final inspection. MoDOT's determination that a DBE's participation may not count toward the project goal, or good faith effort level approved will be subject to administrative reconsideration.

12.2 MoDOT Makes Final Determination On Whether a CUF Is Performed. MoDOT will have the final authority to determine whether a DBE firm has performed a CUF on a federal-aid contract.

13.0 Verification of DBE Participation at project completion. (Assessment of Liquidated Damages Possible)

13.1 Prior to final payment by the Local Agency, the contractor shall file with the Local Agency a detailed list showing each DBE used on the contract work, and the work performed by each DBE. The list shall show the actual dollar amount paid to each DBE for the creditable work on the contract, less any rebates, kickbacks, deductions, withholdings or other repayments made. The list shall be certified under penalty of perjury, or other law, to be accurate and complete. MoDOT and the Commission will use this certification and other information available to determine if the contractor and the contractor's DBEs satisfied the DBE contract goal percentage specified in the contract

and the extent to which the DBEs were fully paid for that work. The contractor shall acknowledge, by the act of filing the detailed list, that the information is supplied to obtain payment regarding a federal participation contract.

13.2 Failure on the part of the contractor to achieve the DBE participation to which the contractor committed in the contract may result in liquidated damages being imposed on the contractor by the Commission for breach of contract and for non-compliance. If the contract was awarded with less than the original DBE contract goal proposed by the Commission, the revised lower amount became the final DBE contract goal, and that goal will be used to determine any liquidated damages to be assessed. Additionally, the Commission or MoDOT may impose any other administrative sanctions or remedies available at law or provided by the contract in the event of breach by the contractor by failing to satisfy the contractor's DBE contract goal commitment. The contractor will be offered the opportunity for administrative reconsideration of any assessment of liquidated damages determined at the project completion, upon written request. The administrative reconsideration officer may consider all facts presented, including the legitimacy or business reason for back charges assessed against a DBE firm, in determining the final amount of liquidated damages.

14.0 Miscellaneous DBE Program Requirements. In accordance with Title 49 CFR Part 26 and the Commission's DBE Program rules in Title 7 CSR Division 10, Chapter 8, the contractor, for both the contractor and for the contractor's subcontractors and suppliers, whether DBE firms or not, shall commit to comply fully with the auditing, record keeping, confidentiality, cooperation and anti-intimidation or retaliation provisions contained in those federal and state DBE Program regulations. By bidding on a federal-aid contract, and by accepting and executing that contract, the contractor agrees to assume these contractual obligations, and to bind the contractor's subrecipients contractually, at the contractor's expense.

15.0 Bidders List Data Collection. MoDOT is a recipient of federal funds and is required by 49 CFR 26.11, to provide data about its DBE program. The information shall consist of the names of all DBE and non-DBE subcontractors, suppliers, manufacturers, distributors, or brokers for actual use and of consideration by the prime bidder. Forms are provided to bidders that specify all required data points. Failure to submit the required forms may deem the bid irregular.

Bidder's List Quote Summary

MoDOT and its subrecipients are recipients of federal funds and are required by 49 CFR 26.11, to provide data about its DBE program. The information listed below shall include the names of subcontractors, material suppliers, and service providers (e.g. hauling) and the corresponding NAICS codes for each firm, which may be obtained by using the search function at the following link: <https://www.census.gov/naics/>. Lastly, indicate if the firm's quote was used in the bid by Y or N. Additional sheets may be used. This information must be submitted with the bid.

[illegible]

Contractor Name: _____

Contractor Signature: _____

Date: _____

GENERAL CONDITIONS OF THE CONTRACT

SECTION 1: DEFINITIONS

1.01. CONTRACT DOCUMENTS: The Contract comprises of the following documents, including all additions, deletions and modifications incorporated therein before the execution of the Contract.

a) Legal and Procedural Documents

1. Advertisement
2. Information for Bidders
3. Proposal
4. Bid Guaranty
5. Contract
6. Performance Bond

b) Special Provisions

c) General Conditions of the Contract

d) Detailed Specification Requirements

e) Drawings

1.02 ENGINEER is the City of Lake Saint Louis Public Works Department.

1.03 OWNER is the City of Lake Saint Louis, Missouri.

1.04 SUB-CONTRACTOR is any person, firm or corporation with a direct contract with the contractor who acts for or in behalf of the contractor in executing any part of the contract, but does not include one who merely furnishes material.

1.05 CONTRACTOR is the contractor named in the contract documents.

1.06 PROPOSAL: The offer of a bidder to perform the work described by the contract documents when made out and submitted on the prescribed proposal form, properly signed and guaranteed.

1.07 BID GUARANTY: The cashier's check or bidder's bond accompanying the proposal submitted by the bidder, as a guaranty that the bidder will enter into a contract with the owner for the construction of the work, if the contract is awarded to them.

1.08 CONTRACT is the agreement covering the performance of the work described in the contract documents including all supplemental agreements thereto and all general and special provisions pertaining to the work or material therefore.

- 1.09 PERFORMANCE BOND** is the approved form of security furnished by the contractor and their surety as a guaranty of good faith on the part of the contractor to execute the work in accordance with the terms of the contract.
- 1.10 SURETY** is the person, firm or corporation who executes the contractor's performance bond.
- 1.11 SPECIFICATIONS** shall mean the legal and procedural documents, general conditions of the contract, together with the modifications thereof, and the detailed specification requirements, with all addenda thereto.
- 1.12 DRAWINGS** are those listed in the index to specifications and drawings with all addenda thereto.
- 1.13 WRITTEN NOTICE:** Written notice shall be considered as served when delivered in person or sent by registered mail to the individual, firm or corporation or to the last business address of such known to those who serve the notice.
- a) Change of Address: It shall be the duty of each party to advise the other parties to the contract as to any change in their business address until completion of the contract.
- 1.14 ACT OF GOD** means an earthquake, flood, cyclone or other cataclysmic phenomenon of nature. Rain, wind, flood or other natural phenomenon of normal intensity for the locality shall not be construed as an Act of God and no reparation shall be made to the contractor for damages to the work resulting therefrom.
- 1.15 WORKING DAY:** A working day is defined as any day when, in the opinion of the Engineer, soil and weather conditions are such as would permit any major operation of the project for six hours or over unless other unavoidable conditions prevent the contractor's operators. If conditions are such as to stop work in less than six hours, the day will not be counted as a working day. Saturdays, Sundays, national holidays and holidays established by the laws of the state will not be counted as working days.
- 1.16 MINIMUM WAGE RATES:** The Contractor shall be required to comply with the Requirements of the "Wage Scale Determinations" as provided.
- 1.17 CITY:** City is the City of Lake Saint Louis, Missouri who is also the OWNER.

SECTION 2: DRAWINGS, SPECIFICATIONS AND RELATED DATA

- 2.01 INTENT OF DRAWINGS AND SPECIFICATIONS:** The intent of the drawings and specifications is that the contractor furnish all labor and materials, equipment and transportation necessary for the proper execution of the work unless specifically noted otherwise. The contractor shall do all the work shown on the drawings and described in the specifications and all incidental work considered necessary to complete the project in a substantial and acceptable manner, and to fully complete the work or improvements, ready for use, occupancy and operation by the owner.

- 2.02 CONFLICT:** If there be conflicting variance between the drawings and the specifications, the provisions of the specifications shall control. In case of conflict between the general conditions of the contract or any modifications thereof and the detailed specification requirements, the detailed specification requirements shall control.
- 2.03 DISCREPANCIES IN DRAWINGS:** Any discrepancies found between the drawings and specifications and site conditions or any errors or omissions in the drawings or specifications shall be immediately reported to the Engineer, who shall promptly correct such error or omission in writing. Any work done by the contractor after their discovery of such discrepancies, errors or omissions shall be done at the contractor's risk.
- 2.04 ADEQUACY OF DRAWINGS AND SPECIFICATIONS:** Responsibility for adequacy of the design and for sufficiency of the drawings and specifications shall be borne by the engineer. The complete requirements of the work to be performed under the contract shall be set forth in drawings and specifications to be supplied by the owner through the Engineer or by the Engineer as representative of the owner. Drawings and specifications furnished shall be in accordance with the contract documents and shall be true and accurate developments thereof.
- 2.05 ADDITIONAL INSTRUCTIONS:** Further instructions may be issued by the Engineer during the program of the work by means of drawing or otherwise to make more clear or specific the drawings and specifications or as may be necessary to explain or illustrate changes in the work to be done.
- 2.06 COPIES OF DRAWINGS AND SPECIFICATIONS FURNISHED:** Except as provided for otherwise, all required copies of drawings and specifications necessary for the execution of the work shall be furnished to the contractor without charge.
- 2.07 DRAWINGS AND SPECIFICATIONS AT JOB SITE:** One complete set of all drawings and specifications shall be maintained at the job site and shall be available to the Engineer at all times.
- 2.08 OWNERSHIP OF DRAWINGS AND SPECIFICATIONS:** All original or duplicated drawings and specifications and other data prepared by the Engineer shall remain the property of the Engineer and they shall not be reused on other work, but shall be returned to them upon completion of the work.
- 2.09 DIMENSIONS:** Figured dimensions on the plans will be used in preference to scaling the drawings. Where the work of the contractor is affected by finish dimensions, these shall be determined by the contractor at the site, and they shall assume the responsibility therefore.
- 2.10 MODELS:** All models prepared for this work shall become the property of the owner at the completion of the work.
- 2.11 SAMPLES:** All samples called for in the specifications or required by the Engineer shall be furnished by the contractor and shall be submitted to the Engineer for his (her) approval. Samples shall be furnished so as not to delay fabrication, allowing the Engineer reasonable time for the consideration of the samples submitted. See also 2.6.15.

- a.) Samples for Tests: Contractor shall furnish such samples of material as may be required for examination and test. All materials and workmanship shall be in accordance with approved samples. All samples of materials for tests shall be taken according to methods provided in the specifications.
- b.) Quality Assurance - Concrete: In order to ensure the quality of the contractor's work, samples of all cast in place concrete shall be collected and tested by an independent testing laboratory. The contractor shall provide enough samples for testing as to ensure that all of the work meets the specifications. The engineer can direct the contractor to do additional testing at the contractor's expense if he/she determines the need for additional sampling.
- c.) Quality Assurance - Soils: In order to ensure the quality of the contractor's backfill material, all soils used for backfill shall be tested by an independent testing laboratory. The contractor shall provide enough samples for testing as to ensure that all of the work meets the specifications. The engineer can direct the contractor to do additional testing at the contractor's expense if he/she determines the need for additional sampling.

2.12 SHOP DRAWINGS: The contractor shall provide shop drawings, settings, schedules and such other drawings as may be necessary for the prosecution of the work in the shop and in the field as required by the drawings, specifications or Engineer's instructions. Deviations from the drawings and specifications shall be called to the attention of the Engineer at the time of the first submission of shop drawings and other drawings for approval. The Engineer's approval of any drawings shall not release the contractor from responsibility for such deviations. Shop drawings shall be submitted according to the following schedule:

- a) Three copies shall be submitted at least thirty (30) days before the materials indicated thereon are to be needed, or earlier if required to prevent delay of the work.
- b) The Engineer shall, within fourteen days of the submittal of any shop drawings, return one copy to the contractor marked with all corrections and changes.
- c) The contractor shall then correct the shop drawings to conform to the corrections and changes requested by the Engineer.
- d) Following completion of such corrections and changes, the contractor shall furnish the Engineer two copies of the shop drawings conforming to the required corrections and changes. The Engineer is to retain one set of drawings and submit the other to the City.

2.13 QUALITY OF EQUIPMENT AND MATERIALS: In order to establish standards of quality, the Engineer has, in the detailed specifications, referred to certain products by name and catalog number. This procedure is not to be construed as eliminating from competition other products of equal or better quality by other manufacturers where fully suitable in design.

- a) The Contractor shall furnish the complete list of proposed desired substitutions prior to signing of the contract, together with such engineering and catalog data as the Engineer may require.
- b) The contractor shall abide by the Engineer's judgment when proposed substitute materials or items of equipment are judged to be unacceptable and shall furnish the specified material or item of equipment in such case. All proposals for substitutions shall be submitted in writing within a reasonable time. No substitute materials shall be used unless approved in writing.
- c) An addendum will be issued prior to bid opening, identifying manufacturers of approved equipment. Only general contractors can request approval of equal equipment.

2.14 EQUIPMENT APPROVAL DATA: The contractor shall furnish one copy of complete catalog data for every manufactured item of equipment, and all components to be used in the work, including specific performance data, material description, rating, capacity, working pressure, material gage or thickness, brand name, catalog number and general type.

- a) This submission shall be compiled by the Contractor and approved by the Engineer before any of the equipment is ordered.
- b) Each data sheet or catalog in the submission shall be indexed according to specification section and paragraph for easy reference.
- c) After written approval, this submission shall become a part of the contract, and may not be deviated from except upon written approval from the Engineer.
- d) Catalog data for equipment approved by the Engineer does not in any case supersede the Engineer's contract documents. The approval of the Engineer shall not relieve the contractor from responsibility for deviations from drawings or specifications, unless they have in writing called the Engineer's attention to such deviations at the time of submission, nor shall it relieve them from responsibility for errors of any sort in the item submitted. The contractor shall check the work described by the catalog data with the Engineer's contract documents for deviations and errors.
- e) It shall be the responsibility of the contractor to insure that the items to be furnished fit the space available. They shall make necessary field measurements to ascertain space requirements, including those for connections, and shall order such sizes and shapes of equipment that the final installation shall suit the true intent and meaning of the drawings and specifications.
- f) Where equipment requiring different arrangement of connections from those shown is approved. It shall be the responsibility of the contractor to install the equipment to operate properly, and in harmony with the intent of the drawings and specifications, and to make all changes in the work required by the different arrangement of connections.

2.15 SURVEYS: Unless otherwise specified, the contractor shall establish all base lines for location of the principal component parts of the work together with a suitable number of

bench marks adjacent to the work. Based upon the information, the contractor shall develop and make all detail surveys necessary for construction, including slope stakes, batter boards, stakes for pile locations and other working points, lines and elevations. The contractor shall have the responsibility to carefully preserve bench marks, reference points and stakes, and in the case of destruction thereof by the contractor or resulting from their negligence, the contractor shall be charged with the expense and damage resulting therefrom and shall be responsible for any mistakes that may be caused by the unnecessary loss or disturbance of such bench mark, reference points and stakes.

The contractor shall be responsible at his own cost to replace any property corners, iron pipes, or property pins that are disturbed by his work. The survey work by contractor shall include providing survey information for utility company relocations. All surveying work shall be performed by a licensed surveyor within the State of Missouri.

2.16 AS BUILT PLANS: The Contractor is responsible for producing an as-built set of plans and submitting them to the engineer within 2 weeks of completing the project. The as-built plans shall include the following:

1.0 Description. This specification covers the requirements, deliverables, standards, and basis of payment for the preparation and delivery of construction as-built plans.

1.1 Requirements. The as-built plans shall include the following: the location, size, type and manufacturer information of material used, alignment of underground facilities, flowline elevations of all sewers, all permanent improvements, horizontal and vertical coordinates of all utilities visible from the surface, and all changes/deviations from the plans, all according to the Technical Specifications. As-built plans shall be prepared by a Professional Land Surveyor registered within the State of Missouri.

2.0 Deliverables.

2.1 Reproducible As-Built Plans. The Contractor shall supply one (1) mylar set of as-built plans signed and sealed by a Professional Land Surveyor registered within the State of Missouri. The plans shall include a title sheet that bears the name of the project, location map, list of abbreviations, legend of symbols, index of sheets, name of the company that prepared the plans, date, and labeled 'As-Built Plans'.

2.2 Electronic Files. The Contractor shall supply the following files.

2.2.1 A completed original CAD drawing in .dgn (MicroStation Version 7 or earlier), .dwg (AutoCAD Release 2000 or earlier), or .dxf (drawing exchange format). This file shall include all layers and graphic elements included in the paper document (i.e., text, legend, scale, labels, etc...). This file will include features classified in the standard layers defined in section 3.2. If the drawing contains layers that are not defined in section 3.2, then a list of these layers with the description shall also be submitted (ASCII text file labeled 'xlyrspec.txt'). The completed CAD drawing file shall contain text in standard fonts that can be read without third-party software. All data must be mapped to scale and a graphic scale placed in the drawing.

2.2.2 A metadata text file containing the information specified in section 3.3 The metadata file includes submittal information as well as technical parameters that may be necessary to review if problems in the data conversion occur. The ASCII text file shall be labeled 'metedat.txt'.

2.2.3 A comma delimited ASCII text file containing all coordinates (x, y, z), point numbers, and descriptions of all survey points shall be delivered and labeled 'points.txt'.

2.2.4 All electronic files shall be delivered on a CD-ROM disk. A 'read me' text file labeled 'index.txt' shall be included that gives a brief description of the files contained on the disk. The disk shall be labeled with the title of the project, a project contact name and telephone number, and a submittal / file creation date.

2.2.5 A completed original CAD drawing in .pdf (portable document format). The file shall include all layers and graphic elements included in the paper document (i.e. text, legend scale, labels, etc...). The .pdf file must be printed to scale and a graphic scale placed in the drawing.

2.3 Acceptance of Deliverables. The City reserves the right to reject all or any part of the deliverables and require the Contractor to resubmit any rejected deliverables to conform to these specifications.

3.0 Standards.

3.1 Coordinate System. The North American Datum of 1983 (NAD 83/93), Missouri East Zone, US Survey Feet, shall be used for the horizontal datum. The National American Vertical Datum of 1988 (NAVD 88), US Survey Feet, shall be used for the vertical datum. The City of Saint Charles has developed an extensive Geodetic Control Network. These reference monument locations and coordinates can be obtained from the NGS National Geodetic Survey (NGS), National Spatial Reference System (NSRS) database. All GPS related projects shall reference this control network.

3.2 Electronic Graphic File Standards.

Layer Name	Feature Type	Description
WTRPIPE	Polyline	Water Main
WTRVLV	Point	Water Valve
WTRFITBEND	Point	Water Fitting Bend
WTRFITCRS	Point	Water Fitting Cross
WTRFITCAP	Point	Water Fitting Cap
WTRFITPLG	Point	Water Fitting Plug
WTRFITRED	Point	Water Fitting Reducer
WTRFITTEE	Point	Water Fitting Tee
WTRFITWYE	Point	Water Fitting Wye
WTRHYDT	Point	Water Hydrant
WTRPIPETXT		Type (distribution or transmission), Diameter, Material
WTRVLVTEXT		Type (gate, resilient wedge, etc.), Diameter
WTRFITTEXT		Diameter, Bend Size

Layer Name	Feature Type	Description
WTRHYDTTXT		Type (2 or 3 way), Manufacturer, Year
SANIMH	Point	Sanitary Manhole
SANIPIPE	Polyline	Sanitary Main
SANIMHLTXT		Type (standard, terminal, etc.) Material, Depth
SANIPIPETXT		Upstream Diameter, Upstream Material, Upstream Depth, Downstream Diameter, Downstream Material, Downstream Depth
STMSTMH	Point	Storm Manhole
STMSTCRBIN	Point	Curb Inlet
STMSTIN	Point	Inlet
STMSTHDWL	Point	Headwall
STMSTGT	Point	Gate
STMSTPMPST	Point	Pump Station
STMSTDT	Point or Polyline	Ditch
STMSTSTB	Point	Stub
STMSTOTFL	Point	Outfall
STMSTFL	Point	Flared End
STMSTEND	Point	End of Pipe
STMSTRSR	Point	Riser
STMSTOVFL	Point	Overflow
STMSTRTPND	Point or Polygon	Retention Pond
STMSTDAM	Point	Dam
STMSTPIPE	Polyline	Storm Main
STMSTTXT		Material, Depth
STMPIPETXT		Upstream Diameter, Upstream Material, Upstream Depth, Downstream Diameter, Downstream Material, Downstream Depth

3.3 Metadata Text File Specifications.

This file must contain the following information:

Submittal Date
 Project Name
 Subdivision Name
 County
 City
 Parcel Numbers
 Lots Numbers

Type of Geodetic Control

GPS

Unit Type

PDOP of Control Points
Differentially Corrected Y/N
Control Points in P,N,E,Z,D format

Traverse to Monuments

Referenced Monument Name/Number
Turned Angle to Monument
Distance to Monument

Prepared by (Firm Name)
Signed by (Individual Name)
Contact Information (Name, Phone, Address)
Software Version Used

4.0 Basis of Payment. Unless otherwise provided in the contract documents, there shall be no direct payment for this item of work; it shall be subsidiary to the bid items.

5.0 Release of Escrow and Acceptance of Work. Recommendation for final escrow release and acceptance of any public improvement shall not be made by the Public Works Department prior to the approval of “As Built” Drawings in conformance with these requirements.

SECTION 3: ENGINEER-OWNER-CONTRACTOR RELATIONS

- 3.01 **ENGINEER'S RESPONSIBILITY AND AUTHORITY:** All work shall be done under the general supervision of the Engineer. The Engineer shall decide any and all questions which may arise as to the quality and acceptability of materials furnished, work performed, rate of progress of work, interpretation of drawings and specifications and all questions as to the acceptable fulfillment of the contract on the part of the contractor.
- 3.02 **ENGINEER'S DECISIONS:** All claims of the owner or the contractor shall be presented to the Engineer for decision which shall be made in writing within a reasonable time. All decisions of the Engineer shall be final.
- 3.03 **SUSPENSION OF WORK:** The Engineer shall have the authority to suspend the work, wholly or in part, for such period or periods, as he (she) may deem necessary, due to unsuitable weather, or such other conditions as are considered unfavorable for prosecution of the work, or failure on the part of the contractor to carry out the provisions of the contract or to supply materials meeting the requirements of the specifications. The contractor shall not suspend operation without the Engineer's permission.
- 3.04 **INSPECTION OF WORK:** All materials and each part or detail of the work shall be subject at all times to inspection by the Engineer, and the contractor will be held strictly to the true intent of the specifications in regard to quality of materials, workmanship and the diligent execution of the contract. Such inspection may include mill, plant, or ship inspection, and any material furnished under these specifications is subject to such inspection. The Engineer shall be allowed access to all parts of the work and shall be

furnished with such information and assistance by the contractor as is required to make a complete and detailed inspection.

- 3.05 **EXAMINATION OF COMPLETED WORK:** If the Engineer requests it, the contractor at any time before acceptance of the work shall remove or uncover such portions of the finished work as may be directed. After examination, the contractor shall restore said portions of the work to the standard required by the specifications. Should the work thus exposed or examined prove acceptable, the uncovering or removing, and the replacing of the covering or making good of the parts removed shall be paid for as extra work, but should the work so exposed or examined prove unacceptable, the uncovering, removing and replacing shall be at the contractor's expense.
- 3.06 **CONTRACTOR'S SUPERINTENDENCE:** A qualified superintendent, who is acceptable to the Engineer, shall be maintained on the work and give efficient supervision to the work until its completion. The superintendent shall have full authority to act in behalf of the contractor, and all directions given to the superintendent shall be considered given to the contractor. In general, the Engineer's instructions shall be confirmed in writing and always upon written request from the contractor.
- 3.07 **LANDS BY OWNER:** The owner shall provide the lands shown on the drawings upon which the work under the contract is to be performed and to be used for right-of-way for access. Any delay in furnishing these lands by the owner shall be deemed proper cause for adjustment in the contract amount and in the time of completion.
- 3.08 **LANDS BY CONTRACTOR:** Any additional land and access thereto not shown on the drawings that may be required for temporary construction facilities or for storage of materials shall be provided by the contractor with no liability to the owner. The contractor shall confine their apparatus and storage of materials and operation of their workmen to those areas described in the drawings and specifications and such additional areas which he may provide as approved by the Engineer.
- 3.09 **PRIVATE PROPERTY:** The contractor shall not enter upon private property for any purpose without obtaining permission, and they shall be responsible for the preservation of all public property, trees, monuments, etc., along and adjacent to the street and/or right-of-way, and shall use every precaution necessary to prevent damage to pipes, conduits, and other underground structures, and shall protect carefully from disturbance or damage all monuments, and property marks until an authorized agent has witnessed or otherwise referenced their location and shall not remove them until directed.
- 3.10 **ASSIGNMENT OF CONTRACT:** Neither the contractor nor the owner shall sublet, sell, transfer, assign or otherwise dispose of the contract or any portion thereof, or of his right, title or interest therein, or their obligation thereunder, without written consent of the other party.
- 3.11 **REMOVAL OF CONSTRUCTION EQUIPMENT, TOOLS AND SUPPLIES:** At the termination of this contract, before acceptance of the work by the Engineer, the contractor shall remove all of their equipment, tools and supplies from the property of the owner. Should the contractor fail to remove such equipment, tools and supplies, the owner shall have the right to remove them.

- 3.12 **SUSPENSION OF WORK BY THE OWNER:** The work or any portion thereof may be suspended at any time by the owner provided that he gives the contractor five (5) days written notice of suspension, which shall set forth the date on which work is to be resumed. The contractor shall resume the work upon written notice from the owner and within ten days after the date set forth in the notice of suspension. If the owner does not give written notice to resume work within ten days of the date fixed in the notice of suspension, the contractor may abandon that portion of the work so suspended and shall be entitled to payment in accordance with Paragraph 2.6.11.
- 3.13 **OWNER'S RIGHT TO CORRECT DEFICIENCIES:** Upon failure of the contractor to perform the work in accordance with the contract documents, including any requirements with respect to the schedule of completion, and after five days written notice to the contractor and receipt of written approval from the Engineer, the owner may, without prejudice to any other remedy he (she) may have, correct such deficiencies.
- 3.14 **OWNER'S RIGHT TO TERMINATE CONTRACT AND COMPLETE THE WORK:** The owner shall have the right to terminate the employment of the contractor after giving ten days written notice of termination of the contractor in the event of any default by the contractor and upon receiving written notice from the Engineer certifying the cause for such action. In the event of such termination, the owner may take possession of the work and of all materials, tools and equipment thereon and may finish the work by whatever method and means they select.

It shall be considered a default by the contractor whenever they shall:

- a) Declare bankruptcy, become insolvent, or assign their assets for the benefit of their creditors.
 - b) Disregard or violate important provisions of the contract documents or Engineer's instructions, or fail to prosecute the work according to the agreed schedule of completion, including extensions thereof.
 - c) Fail to provide a qualified superintendent, competent workmen or sub-contractors, or proper materials, or fail to make prompt payment thereof.
- 3.15 **CONTRACTOR'S RIGHT TO SUSPEND WORK OR TERMINATE CONTRACT:** The contractor may suspend work or terminate contract upon ten days written notice to the owner and Engineer, for any of the following reasons:
- a) If an order of any court, or public authority caused the work to be stopped or suspended for a period of ninety days through no act or fault of the contractor or their employees.
 - b) If the Engineer should fail to act upon any request for payment within ten days after it is presented in accordance with the general conditions of the contract.
 - c) If the owner should fail to act upon any request for payment within thirty days after its approval by the Engineer.

- d) If the owner should fail to pay the contractor any sum within thirty days after its award by arbitrators.

- 3.16 **RIGHTS OF VARIOUS INTERESTS:** Wherever work being done by the owner's forces or by other contractors is contiguous to work covered by this contract, the respective rights of the various interests involved shall be established by the Engineer, to secure the completion of the various portions of the work in general harmony.
- 3.17 **SEPARATE CONTRACTS:** The owner may let other contracts in connection with the work of the contractor. The contractor shall cooperate with other contractors with regard to storage of materials and execution of their work. It shall be the contractor's responsibility to inspect all work by other contractors affecting their work and to report to the Engineer any irregularities which will not permit them to complete their work in a satisfactory manner. His (her) failure to notify the Engineer of such irregularities shall indicate the work of other contractors has been satisfactorily completed to receive their work. The contractor shall not be responsible for defects of which they could not have known, which develop in the work of others after the work is completed. It shall be the responsibility of the contractor to measure the completed work in place and report to the Engineer immediately any difference between completed work by others and the drawings.
- 3.18 **SUBCONTRACTS:** At the time specified by the contract documents or when requested by the Engineer, the contractor shall submit in writing to the owner for approval of the Engineer the names of the sub-contractors proposed for the work. Sub-contractors may not be changed except at the request or with the approval of the Engineer. The contractor is responsible to the owner for the acts and omissions of their employees. The contract documents shall not be construed as creating any contractual relation between any sub-contractor and owner. The contractor shall bind every sub-contractor by the terms of the contract documents.

For convenience of reference and to facilitate the letting of contracts and subcontracts, the specifications are separated into titled sections. Such separations shall not, however, operate to make the Engineer an arbiter to establish limits to the contracts between contractor and subcontractor.

- 3.19 **WORK DURING AN EMERGENCY:** The contractor shall perform any work and shall furnish and install any materials and equipment necessary during an emergency endangering life or property. In all cases they shall notify the Engineer of the emergency as soon as practicable, but he (she) shall not wait for instructions before proceeding to properly protect both life and property.
- 3.20 **ORAL AGREEMENTS:** No oral order, objection, claim or notice by any party to the others shall affect or modify any of the terms of obligations contained in any of the contract documents, and none of the provisions of the contract documents shall be held to be waived or modified by reason of any act whatsoever, other than by a definitely agreed waiver or modification thereof in writing, and no evidence shall be introduced in any proceeding of any other waiver or modifications.

- 3.21 **SAFETY:** The contractor shall employ adequate safety procedures and techniques in the performance of their work.

SECTION 4: MATERIALS AND WORKMANSHIP

- 4.01 **MATERIALS FURNISHED BY THE CONTRACTOR:** All materials used in the work shall meet the requirements of the respective specifications, and no material shall be used until it has been approved by the Engineer. All materials not otherwise specifically indicated shall be furnished by the contractor.
- 4.02 **MATERIALS FURNISHED BY THE OWNER:** Materials specifically indicated shall be furnished by the owner. The fact that the owner is to furnish material is conclusive evidence of its acceptability for the purpose intended, and the contractor may continue to use it until otherwise directed. If the contractor discovers any defect in material furnished by the owner, they shall notify the Engineer. Unless otherwise noted or specifically stated, materials furnished by the owner, which are not of local occurrence, are considered to be f.o.b. the nearest railroad station. The contractor shall be prepared to unload and properly protect all such material from damage or loss. The contractor shall be responsible for material loss or damage after receipt of material at the point of delivery.
- 4.03 **STORAGE OF MATERIALS:** Materials shall be so stored as to insure the preservation of their quality and fitness for the work. When considered necessary, they shall be placed on wooden platforms or other hard, clean surfaces, and not on the ground, and/or they shall be placed under cover. Stored materials shall be located so as to facilitate prompt inspection. Private property shall not be used for storage purposes without written permission of the owner or lessee.
- 4.04 **CHARACTER OF WORKMEN:** The contractor shall at all times be responsible for the conduct and discipline of their employees and/or any sub-contractor or persons employed by sub-contractors. All workmen must have sufficient knowledge, skill and experience to perform properly the work assigned to them. Any foreman or workman employed by the contractor or sub-contractor who, in the opinion of the Engineer, does not perform their work in a skilled manner, or appears to be incompetent or to act in a disorderly or intemperate manner shall, at the written request of the Engineer, be discharged immediately and shall not be employed again in any portion of the work without the approval of the Engineer.
- 4.05 **REJECTED WORK AND MATERIALS:** All materials which do not conform to the requirements of the contract documents are not equal to samples approved by the Engineer, or are in any way unsatisfactory or unsuited to the purpose for which they are intended, shall be rejected. Any defective work whether the result of poor workmanship, use of defective materials, damage through carelessness or any other given cause shall be removed within ten days after written notice is given by the Engineer, and the work shall be re-executed by the contractor. The fact that the Engineer may have previously overlooked such defective work shall not constitute an acceptance of any part of it.

- a) Should the contractor fail to remove work or materials rejected within ten days after written notice to do so, the owner may remove them and may store the material.
 - b) Correction of faulty work after final payment shall be in accordance with Paragraph 2.6.19.
- 4.06 MANUFACTURER'S DIRECTIONS: Manufactured articles, material and equipment shall be applied, installed, connected, erected, used, cleaned and conditioned as directed by the manufacturer unless herein specified to the contrary.
- 4.07 CUTTING AND PATCHING: The contractor shall do all necessary cutting and patching of the work that may be required to properly receive the work of the various trades or as required by the drawings and specifications to complete the structure. The contractor shall restore all such cut or patched work as directed by the Engineer. Cutting of existing structure that shall endanger the work, adjacent property, workmen or the public shall not be done unless approved by the Engineer and under his (her) direction.
- 4.08 CLEANING UP: The contractor shall remove from the owner's property, and from all public and private property, all temporary structures, rubbish, and waste materials resulting from their operation or caused by their employees, and shall remove all surplus materials leaving the site smooth, clean and true to line and grade.
- 4.09 GUARANTY PERIOD: Warranty requirements are not allowed as part of this project.

SECTION 5: PROGRESS AND COMPLETION OF WORK

- 5.01 NOTICE TO PROCEED: Following the execution of the contract by the owner, written notice to proceed with the work shall be given to the contractor. The contractor shall begin and shall prosecute the work regularly and uninterruptedly thereafter (unless otherwise directed in writing by the owner) with such force as to secure the completion of the work within the time stated in the proposal.
- 5.02 CONTRACT TIME: The contractor shall complete, in an acceptable manner, all of the work contracted for in the time stated in the proposal. Computation of contract time shall commence on the seventh day following the date of mailing, by regular mail, of the notice to proceed.
- 5.03 SCHEDULE OF COMPLETION: The contractor shall submit, at such times as may reasonably be requested by the Engineer, schedules which shall show the order in which the contractor proposes to carry on the work, with dates at which the contractor will start the several parts of the work, and estimated dates of completion of the several parts.
- 5.04 CHANGES IN THE WORK: The owner may, as the need arises, order changes in the work through additions, deletions or modifications without invalidating the contract. Compensation and time of completion affected by the change shall be adjusted at the time of ordering such change.

- 5.05 **EXTRA WORK:** New and unforeseen items of work found to be necessary and which cannot be covered by any item or combination of items for which there is a contract price shall be classed as extra work. The contractor shall do such extra work and furnish such materials as may be required for the proper completion or construction of the whole work contemplated upon written order from the owner as approved by the Engineer. In the absence of such written order, no claim for extra work shall be considered. Extra work shall be performed in accordance with these specifications or special provisions shall be done in accordance with the best practice as approved by the Engineer. Extra work required in an emergency to protect life and property shall be performed by the contractor as required.
- 5.06 **EXTENSION OF CONTRACT TIME:** A delay beyond the contractor's control occasioned by an Act of God or act of omission on the part of the owner or by strikes, lockouts, fire, etc., may entitle the contractor to an extension of time in which to complete the work as determined by the Engineer, provided, however, that the contractor shall immediately give written notice to the Engineer of the cause of such delay.
- 5.07 **USE OF COMPLETED PORTIONS:** The owner shall have the right to take possession of and use any completed or partially completed portions of the work, notwithstanding that the time for completing the entire work or such portions may not have expired; but such taking possession and use shall not be deemed an acceptance of any work not completed in accordance with the contract documents. If such prior use increases the cost of or delays the completion of uncompleted work or causes refinishing of completed work, the contractor shall be entitled to such extra compensation, or extension of time or both, as the Engineer may determine.

SECTION 6: MEASUREMENT AND PAYMENT

- 6.01 **DETAILED BREAKDOWN OF CONTRACT AMOUNT:** Except in cases where unit prices form the basis for payment under the contract, the contractor shall within ten days of receipt of notice to proceed, submit a complete breakdown of the contract amount showing the value assigned to each part of the work including an allowance for profit and overhead. Upon approval of the breakdown of the contract amount by the Engineer, it shall be used as the basis of all requests for payment.
- 6.02 **REQUESTS FOR PAYMENT:** The contractor may submit periodically but not more than once each month a request for payment for work done and materials delivered and stored on the site. The contractor shall furnish the Engineer all reasonable facilities required for obtaining the necessary information relative to the progress and execution of the work. Payment for materials stored on the site will be conditioned upon evidence submitted to establish the owner title to such materials. Each request for payment shall be computed from the work completed on all items listed in the detailed breakdown of contract amount, less previous payments. Where unit prices are specified, the request for payment shall be based on the quantities completed. See also section 2.6.21 and the Contract Agreement.
- 6.03 **ENGINEER'S ACTION ON A REQUEST FOR PAYMENT:** Within ten days of submission of any request for payment by the contractor, the Engineer shall:

- a) Approve the request for payment as submitted.
 - b) Approve such other amounts as he (she) shall decide is due the contractor, informing the contractor in writing of his (her) reason for approving the amended amount.
 - c) Withhold the request for payment, informing the contractor in writing of their reasons for withholding it.
- 6.04 OWNER'S ACTION ON AN APPROVED REQUEST FOR PAYMENT: Within thirty days from the date of approval of a request for payment by the Engineer, the owner shall:
- a) Pay the request for payment as approved.
 - b) Pay such other amount in accordance with Paragraph 2.6.05 as they shall decide is due the contractor, informing the contractor and the Engineer in writing of their reasons for paying the amended amount.
 - c) Withhold payment in accordance with Paragraph 2.6.05 informing the contractor and the Engineer of their reasons for withholding payment.
- 6.05 OWNER'S RIGHT TO WITHHOLD PAYMENT OF AN APPROVED REQUEST FOR PAYMENT: The owner may withhold payment in whole or in part on an approved request for payment to the extent necessary to protect themselves from loss on account of any of the following causes discovered subsequent to approval of a request for payment by the Engineer.
- a) Defective construction work or material not remedied
 - b) Liquidated damages
 - c) Unsatisfactory Job Progress
 - d) Disputed Work
 - e) Failure to comply with any material provision of the contract
 - f) Third party claims filed or reasonable evidence that a claim will be filed
 - g) Failure to make timely payment for labor, equipment or materials
 - h) Damage to a contractor, subcontractor or material supplier
 - i) Reasonable evidence that a subcontractor or material supplier cannot be fully compensated under this contract with the contractor for the unpaid balance of the contract sum
 - j) Citation by the enforcing authority for acts of the contractor or subcontractor which do not comply with any material provision of the contract and which result in a violation of any federal, state or local law, regulation or ordinance applicable to the project causing additional costs or damages to the owner.
- 6.06 INTEREST ON UNPAID REQUESTS FOR PAYMENT: Should the owner fail to pay an approved request for payment within thirty days from the date of approval by the Engineer, and should they fail to inform the Engineer and the contractor in writing of their reasons for withholding payment, the owner shall pay the contractor interest on the amount of the request for payment at the rate of six (6%) percent per annum until payment is made.

- 6.07 **RESPONSIBILITY OF THE CONTRACTOR:** Unless specifically noted otherwise, the contractor shall furnish all materials and services and perform all the work described by the contract documents or shall have all materials and services furnished and all the work performed at their expense. It shall be the contractor's responsibility to pay for:
- a) Replacement of survey bench marks, reference points and stakes provided by the owner under Paragraph 2.2.15.
 - b) Lands by contractor provided in accordance with Paragraph 2.3.08.
 - c) Insurance obtained in accordance with Paragraphs 2.7.01 and 2.7.02.
 - d) Fire insurance obtained in accordance with Paragraph 2.7.03.
 - e) Performance bond obtained in accordance with Paragraph 2.7.04.
 - f) Royalties required under Paragraph 2.7.05.
 - g) Permits and licenses required of the contractor and sub-contractors.
- 6.08 **PAYMENT FOR UNCORRECTED WORK:** Should the Engineer direct the contractor not to correct work that has been damaged or that was not performed in accordance with the contract documents, an equitable deduction from the contract amount shall be made to compensate the owner for the uncorrected work.
- 6.09 **PAYMENT FOR REJECTED WORK AND MATERIALS:** The removal of work and materials rejected under Paragraph 2.4.05 and the re-execution of acceptable work by the contractor shall be at the expense of the contractor, and they shall pay the cost of replacing the work of other contractors destroyed or damaged by the removal of rejected work or materials and the subsequent replacement of acceptable work.
- a) Removal of rejected work or materials and storage of materials by the owner in accordance with Paragraph 2.4.05 shall be paid by the contractor within thirty days after written notice to pay is given by the owner. It the contractor does not pay the expenses of such removal and after ten days written notice being given by the owner of their intent to sell the materials at auction or at private sale and shall pay to the contractor the net proceeds therefrom after deducting all the cost and expenses that should have been borne by the contractor.
- 6.10 **PAYMENTS FOR EXTRA WORK:** Written notice of claims for payments for extra work shall be given by the contractor within ten days after receipt of instructions from the owner as approved by the Engineer to proceed with the extra work and also before any work is commenced, except in emergency endangering the life or property. No claim shall be made valid unless so made. In all cases, the contractor's itemized estimate sheets showing all labor and material shall be submitted to the Engineer. The owner's order for extra work shall specify any extension of the contract time and one of the following methods of payments:
- a) Unit prices or combinations of unit prices which formed the basis of the original contract.

- b) A lump sum based on the contractor's estimate, accepted by the owner, and approved by the Engineer.
 - c) Forced account as described in Section 2.6.20.
- 6.11 PAYMENT FOR WORK SUSPENDED BY THE OWNER: If the work or any part thereof shall be suspended by the owner and abandoned by the contractor as provided in Paragraph 2.3.13, the contractor will then be entitled to payment for all work done on the portions so abandoned, plus fifteen (15%) percent of the value of the abandoned work to compensate for overhead, plant expense and anticipated profits.
- 6.12 PAYMENT FOR WORK BY THE OWNER: The cost of the work performed by the owner in removing construction equipment, tools and supplies in accordance with Paragraph 2.3.12 and in correcting deficiencies in accordance with Paragraph 2.3.14 shall be paid by the contractor.
- 6.13 PAYMENT FOR WORK BY THE OWNER FOLLOWING HIS TERMINATION OF THE CONTRACT: Upon termination of the contract by the owner in accordance with Paragraph 2.3.14, no further payments shall be due the contractor until the work is completed. If the unpaid balance of the contract amount shall exceed the cost of completing the work including all overhead costs, the excess shall be paid to the contractor. If the cost of completing the work shall exceed the unpaid balance, the contractor shall pay the difference to the owner. The cost incurred by the owner, as herein provided, and the damage incurred through the contractor's default, shall be certified by the owner, and approved by the Engineer.
- 6.14 PAYMENT FOR WORK TERMINATED BY THE CONTRACTOR: Upon suspension of the work or termination of the contract by the contractor within accordance with Paragraph 2.3.15, the contractor shall recover payment from the owner for the work performed, plus loss on plant and materials, plus established profit and damages, as approved by the Engineer.
- 6.15 PAYMENT FOR SAMPLES AND TESTING OF MATERIALS: Samples furnished in accordance with Paragraph 2.2.11 shall be furnished by the contractor at their expense.
- a) Testing of samples and materials furnished in accordance with Paragraph 2.2.11 shall be arranged and paid for by the contractor unless noted otherwise.
- 6.16 RELEASE OF LIENS: The contractor shall deliver to the owner a complete release of all liens arising out of this contract before the final request for payment is paid. If any lien remains unsatisfied after all payments are made, the contractor shall refund to the owner such amounts as the owner may have been compelled to pay in discharging of such liens including all costs and a reasonable attorney's fee.
- 6.17 ACCEPTANCE AND FINAL PAYMENT: When the contractor shall have completed the work in accordance with the terms of the contract documents, the Engineer shall certify his (her) acceptance to the owner and his (her) approval of the contractor's final request for payment, which shall be the contract amount plus all approved additions less

all approved deductions (including retention) and less previous payments made. The contractor shall furnish evidence that they have fully paid all debts for labor, material, and equipment incurred in connection with the work, following which the owner shall accept the work and release the contractor except as to the conditions of the performance bond, any legal rights of the owner, and corrections of faulty work after final payment, and shall authorize payment of the contractor's final request for payments per the Contract Agreement. The contractor must allow sufficient time between the time of completion of the work and approval of the final request for payment for the Engineer to assemble and check the necessary data.

6.18 **TERMINATION OF CONTRACTOR'S RESPONSIBILITY:** The contract will be considered complete when all work has been finished, the final inspection made by the Engineer, and the project accepted in writing by the owner. The contractor's responsibility shall then cease, except as provided in Paragraph 2.6.19.

6.19 **NOT USED**

6.20 **PAYMENT FOR EXTRA AND FORCE ACCOUNT WORK:** All extra work done on a force account basis will be paid for in the manner hereinafter described, and the compensation thus provided shall be accepted by the Contractor as payment in full for the use of small tools, superintendent's services, timekeeper's service, premium on bond, and all other overhead expenses incurred in the prosecution of all extra work done on a force account basis. Payment will be made as follows:

- a) Labor. For all lead workers and laborers, the Contractor will receive the rate of wage actually paid for each hour that said lead workers and laborers are engaged in force account work. The Engineer shall approve all lead workers and laborers prior to commencement of the force account work.

The Contractor will receive the actual costs paid to, or in behalf of, employees by reason of subsistence and travel allowances, health and welfare benefits, pension fund benefits, or other benefits, if such amounts are required by collective bargaining agreements or other employment contracts generally applicable to the classes of labor employed on the work.

An amount equal to forty (40) percent (ten (10) percent profit and thirty (30) percent overhead) of the sum of the above items will also be paid the Contractor.

- b) Bond, Insurance, and Tax. No separate payment will be made for property damage, liability, and workmen's compensation insurance premiums, or for unemployment insurance contributions or social security taxes on the force account work. Compensation for these costs shall be considered as fully covered by the "overhead" payment allowed under Section 2.6.20.b
- c) Materials. For materials accepted by the Engineer and used, the Contractor will receive the actual cost of such materials delivered on the work, including transportation charges paid by the Contractor (exclusive of machinery rentals as hereinafter set forth), to which cost twenty (20) percent (five (5) percent for profit and fifteen (15) percent for overhead)

will be added. For all material used in connection with, but not entering permanently into the work, reasonable depreciation will be allowed.

- d) Equipment. For only that Contractor owned equipment necessary to accomplish the force account work, including all fuel and lubricants, tires, and repairs, the Contractor will be allowed an hourly rate equal to the monthly rental rate divided by 176 hours, as set out in the Rental Rate Blue Book for Construction Equipment on file in the office of the Director at the time the work is begun. The allowed rates will be the rate adjustment factor multiplied by the bare hourly rates multiplied by the regional adjustment factor, plus the estimated operating cost per hour. The allowed time will be the actual operating time on the work. For the time required to move the equipment to and from the site of the work and any authorized standby time, the rate will be fifty (50) percent of the hourly rate after the actual operating costs have been deducted. All allowed time shall fall within the authorized working hours for such extra work. No payment will be allowed for time elapsed while equipment is broken down or being replaced. The hourly rental rates will apply only to equipment that is already on the job. If the actual unit of equipment to be used is not listed in the schedule, the rate listed for similar equipment with the approximate same initial cost shall be used. Equipment to be used and all prices shall be agreed upon in writing before such equipment is used. An amount equal to twenty (20) percent (five (5) percent profit and fifteen (15) percent overhead) of the sum of these items will also be paid the Contractor.

Whenever it is necessary for the Contractor to rent equipment, the rental and transportation costs of the equipment plus five (5) percent for overhead will be paid. In no case shall the rental rates exceed those of established distributors or equipment rental agencies in and around Saint Louis County. All prices shall be agreed upon in writing before such equipment is used.

- e) Miscellaneous. No additional allowance will be made for general superintendence, the use of small tools, or other costs for which no specific allowance is herein provided. Job site and home office overhead expenses shall be considered fully compensated by the percentage additions to costs provided in Sections 2.6.20.a through 2.6.20.f.
- f) Subcontracted Work. For administration and all overhead costs in connection with approved subcontract work, the Contractor will receive an amount equal to five (5) percent of the actual cost of the subcontracted work.

The Engineer has authority to require alterations in the equipment and labor force assigned to force account work, to limit authorization of overtime work to that normally used on the project for work of similar nature or to require overtime work when an emergency exists, and to require the cessation of force account work when adverse conditions seriously limit productivity.

- g) Statements. No payment will be made for work performed on a force account basis until the Contractor has furnished the Engineer with duplicate itemized statements of the cost of such force account work detailed as follows:

1) Name, classification, date, daily hours, total hours, rate, and extension for each laborer and foreman;

- 2) Designation, dates, daily hours, total hours, rental rate, and extension for each unit of machinery and equipment;
- 3) Quantities of materials, prices, and extensions;
- 4) Transportation of materials;
- 5) Cost of property damage, liability and worker's compensation insurance premiums, unemployment insurance contributions and social security.

Statements shall be accompanied and supported by receipted invoices for all rental equipment, materials used, and transportation charges.

If materials used on the force account work were not specifically purchased for such work but were taken from the Contractor's stock, then, in lieu of the invoices, the Contractor shall furnish an affidavit certifying that such materials were from Contractor's stock, that the quantity claimed was actually used, and that the price and transportation claimed represent the actual cost to the Contractor.

- h) **Compensation.** Each day the Contractor's representative and the Engineer shall compare records of the cost of work done as ordered on a force account basis. Two copies of these records will be made by the Engineer on forms provided by the Director, and they shall be signed at the end of each day by both the Engineer and the Contractor, one copy to be retained by the Engineer and one given to the Contractor. The total payment made as provided in Section 109.4 shall constitute full compensation for such work.

- 6.21 **REQUEST FOR PAYMENT FORM:** All Requests for Payment shall use AIA Document G702 and G703, or similar. Samples of these forms are on the next pages. In the documents, and only these documents, the word architect is to mean engineer.

APPLICATION AND CERTIFICATE FOR PAYMENT

AIA DOCUMENT G702

(Instructions on reverse side)

PAGE ONE OF PAGES

TO (OWNER):

PROJECT:

APPLICATION NO:

Distribution to:

- ☐ OWNER
☐ ARCHITECT
☐ CONTRACTOR

FROM (CONTRACTOR):

VIA (ARCHITECT):

ARCHITECT'S

PROJECT NO:

CONTRACT FOR:

CONTRACT DATE:

CONTRACTOR'S APPLICATION FOR PAYMENT

CHANGE ORDER SUMMARY			
Change Orders approved in previous months by Owner		DEDUCTIONS	
TOTAL		TOTAL	
Approved this Month			
Number	Date Approved		
TOTALS			
Net change by Change Orders			

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR:

By:

Date:

County of:

day of

19

Subscribed and sworn to before me this

Notary Public:

My Commission expires:

ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED

\$

(Attach explanation if amount certified differs from the amount applied for.)

ARCHITECT:

Date:

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

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G702-1983

AIA DOCUMENT G703 (Instructions on reverse side) PAGE OF PAGES

APPLICATION NUMBER:

APPLICATION DATE:

^a In tabulations below, amounts are stated to the nearest dollar.

Use Column I on Contracts where variable retainage for line items may apply.

[illegible]

G703-1983

SECTION 7: INSURANCE, LEGAL RESPONSIBILITY AND PUBLIC SAFETY

7.01 **INSURANCE:** The contractor shall secure and maintain such insurance from an insurance company authorized to write casualty insurance in the state where the work is located as will protect himself, his sub-contractors, and the owner from claims for bodily injury, death or property damage which may arise from operations under this contract. The contractor shall not commence work under this contract until they have obtained all insurance required under this paragraph and shall have filed the certificate of insurance or the certified copy of the insurance policy with the owner. Each insurance policy shall contain a clause providing that it shall not be cancelled by the insurance company without ten days written notice to the owner of intention to cancel. The amounts of such insurance shall be not less than the following:

a) Contractor's Bodily Injury Liability and Property Damage Liability Insurance:

- | | | |
|----|---|-------------|
| 1) | Property Damage, Injury or death of one person | \$1,000,000 |
| 2) | Injury to more than one person in a single accident | \$3,000,000 |

b) Automobile and Truck Public Liability, Bodily Injury, and Property Damage:

- | | | |
|----|---|-------------|
| 1) | Property Damage, Injury or death of one person | \$1,000,000 |
| 2) | Injury to more than one person in a single accident | \$3,000,000 |

Endorsements of insurance sent to the City as evidence of insurance shall contain the following statement, and in their absence the certificate will not be satisfactory to the City:

The insurance evidenced by this certificate will not be cancelled or altered except after ten (10) days from receipt by the City of Written notice thereof.

The Contractor shall ensure that all subcontractors also comply with the requirements of this provision. Insurance are further detailed in the Information for Bidders.

7.02 **INDEMNITY:** The Contractor shall indemnify and save harmless the City of Lake Saint Louis from and against all losses and all claims, demands, payments, suits, actions, recoveries and judgments of every nature and description brought or recovered against it by reasons of any omission or act of the contractor, its agents or employees, in the execution of the work or in the guarding of it.

7.03 **FIRE INSURANCE:** In addition to such fire insurance as the contractor elects to carry for their own protection, they shall secure and maintain in the name of the owner policies upon such structures and material and in such amounts as to fully protect the owner. The policies shall be secured from a company which is satisfactory to the owner and delivered to the owner.

7.04 **PERFORMANCE BOND:** The Contractor shall, at the time of their execution of the contract, furnish a corporate bond in the sum equal to the contract amount. The form of the bond shall be as the owner may prescribe and with a surety company authorized to do business in the states where the work is located.

- 7.05 PATENTS AND ROYALTIES: If any design, device, material or process covered by letters, patent or copyright is used by the contractor, they shall provide for such use by legal agreement with the owner of the patent or a duly authorized license of such owner, and shall save harmless the owner from any and all loss or expense on account thereof, including its use by the owner.
- 7.06 PERMITS: All permits and licenses necessary for the prosecution of the work shall be secured by the contractor.
- 7.07 LAWS TO BE OBSERVED: The Contractor shall give all notices and comply with all federal, state and local laws, ordinances and regulations in any manner affecting the conduct of the work, and all such orders and decrees as exist, or may be enacted by bodies or tribunals having any jurisdiction or authority over the work, and shall indemnify and save harmless the owner against any claim or liability arising from, or based on the violation of any such law, ordinance, regulation, order or decree, whether by himself or his employees.
- 7.08 WARNING SIGNS AND BARRICADES: The Contractor shall provide adequate signs, barricades, red lights, and watchmen and take all necessary precautions for the protection of the work and the safety of the public. All barricades and obstructions shall be protected at night by amber signal lights which shall be kept burning from sunset to sunrise. Barricades shall be of substantial construction and shall be painted white or white-washed to increase their visibility at night. Suitable warning signs shall be so placed and illuminated at night as to show in advance where construction, barricades or detours exist.
- 7.09 PUBLIC SAFETY AND CONVENIENCE: The Contractor shall at all times so conduct their work as to insure the least possible obstruction to traffic and inconvenience to the general public and the residents in the vicinity of the work, and to insure the protection of persons and property in a manner satisfactory to the Engineer. No road or street shall be closed to the public except with the permission of the Engineer and proper governmental authority. Fire hydrants on or adjacent to work shall be kept accessible to fire fighting equipment at all times. Temporary provisions shall be made by the Contractor to insure the use of sidewalks and the proper functioning of all gutters, sewer inlets, drainage ditches, and irrigation ditches, which shall not be obstructed except as approved by the Engineer.
- 7.10 CROSSING UTILITIES: When new construction crosses highways, railroads, streets or utilities under the jurisdiction of state, county, city or other public agency, public utility or private entity, the contractor shall secure written permission from the proper authority before executing such new construction. A copy of this written permission must be filed with the owner before any work is done. The Contractor will be required to furnish a release from the proper authority before final acceptance of the work.
- 7.11 SANITARY PROVISIONS: The Contractor shall provide and maintain such sanitary accommodations for the use of their employees and those of their sub-contractors as may be necessary to comply with the requirements and regulations of the local and state departments of health and as directed by the Engineer.

Job No.: STP-5418 (625)
Route: Lake Saint Louis Blvd
County: St. Charles

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 EXP. 12/31/26	CITY OF LAKE SAINT LOUIS, MO DEPARTMENT OF PUBLIC WORKS 307 PARKWAY INDUSTRIAL DRIVE LAKE SAINT LOUIS, MO 63367 PHONE: 636-695-4221
	OATES ASSOCIATES, INC. 720 Olive, Suite 700 St. Louis, MO 63101 Certificate of Authority: 001166 Consultant Phone: 314-588-8381
	JOB NUMBER: CITY OF LAKE SAINT LOUIS, MO DATE PREPARED: 6/2/26
Date: 6/2/26	ADDENDUM DATE: 9/15/26
Only the following items of the Job Special Provisions (Roadway) are authenticated by this seal: All	

JOB
SPECIAL PROVISION

A. General - Federal JSP-09-02L

1.0 Description. The Federal Government is participating in the cost of construction of this project. All applicable Federal laws, and the regulations made pursuant to such laws, shall be observed by the contractor, and the work will be subject to the inspection of the appropriate Federal Agency in the same manner as provided in Sec 105.10 of the Missouri Standard Specifications for Highway Construction with all revisions applicable to this bid and contract.

1.1 This contract requires payment of the prevailing hourly rate of wages for each craft or type of work required to execute the contract as determined by the Missouri Department of Labor and Industrial Relations and requires adherence to a schedule of minimum wages as determined by the United States Department of Labor. For work performed anywhere on this project, the contractor and the contractor's subcontractors shall pay the higher of these two applicable wage rates. State Wage Rates, Information on the Required Federal Aid Provisions, and the current Federal Wage Rates are available on the Missouri Department of Transportation web page at www.modot.org under "Doing Business with MoDOT", "Contractor Resources". Effective Wage Rates will be posted 10 days prior to the applicable bid opening. These supplemental bidding documents have important legal consequences. It shall be conclusively presumed that they are in the bidder's possession, and they have been reviewed and used by the bidder in the preparation of any bid submitted on this project.

1.2 The following documents are available on the Missouri Department of Transportation web page at www.modot.org under "Doing Business with MoDOT"; "Standards and Specifications". The effective version shall be determined by the letting date of the project.

General Provisions & Supplemental Specifications

Supplemental Plans to July 2025 Missouri Standard Plans
For Highway Construction

These supplemental bidding documents contain all current revisions to the published versions and have important legal consequences. It shall be conclusively presumed that they are in the bidder's possession, and they have been reviewed and used by the bidder in the preparation of any bid submitted on this project.

Delete B B. Contract Liquidated Damages JSP-13-01E

1.0 Description. Liquidated Damages for failure or delay in completing the work on time for this contract shall be in accordance with [Sec 108.8](#). The liquidated damages include separate amounts for road user costs and contract administrative costs incurred by the Commission.

2.0 Period of Performance. Prosecution of work is expected to begin on the date specified below in accordance with [Sec 108.2](#). Regardless of when the work is begun on this contract, all work on all projects shall be completed on or before the date specified below. Completion by this date shall be in accordance with the requirements of [Sec 108.7.1](#).

Notice to Proceed: October 1, 2026
Contract Completion Date: July 1, 2027

3.0 Liquidated Damages for Contract Administrative Costs. Should the contractor fail to complete the work on or before the contract completion date specified in Section 2.0, or within the number of calendar days specified in Section 2.1, whichever occurs first, the contractor will be charged contract administrative liquidated damages in accordance with [Sec 108.8](#) in the amount of **\$1,625** per calendar day for each calendar day, or partial day thereof, that the work is not fully completed. For projects in combination, these damages will be charged in full for failure to complete one or more projects within the specified contract completion date or calendar days.

4.0 Liquidated Damages for Road User Costs. Should the contractor fail to complete the work on or before the contract completion date specified in Section 2.0, or within the number of calendar days specified in Section 2.1, whichever occurs first, the contractor will be charged road user costs in accordance with [Sec 108.8](#) in the amount specified in Section 2.1 for each calendar day, or partial day thereof, that the work is not fully completed. These damages are in addition to the contract administrative damages and any other damages as specified elsewhere in this contract.

5.0 Liquidated Damages for Winter Months. Delete Sec 108.8.1.3 (a)

Liquidated damages for failure to complete the work on time shall not be waived from December 15 to March 15, both dates inclusive.

C. Work Zone Traffic Management JSP-02-06N

1.0 Description. Work zone traffic management shall be in accordance with applicable portions of Division 100 and Division 600 of the Standard Specifications, and specifically as follows.

1.1 Maintaining Work Zones and Work Zone Reviews. The Work Zone Specialist (WZS) shall maintain work zones in accordance with Sec 616.3.3 and as further stated herein. The WZS shall coordinate and implement any changes approved by the engineer. The WZS shall ensure all traffic control devices are maintained in accordance with Sec 616, the work zone is operated within the hours specified by the engineer, and will not deviate from the specified hours without prior approval of the engineer. The WZS is responsible to manage work zone delay in accordance with these project provisions. When requested by the engineer, the WZS shall submit a weekly report that includes a review of work zone operations for the week. The report shall identify any problems encountered and corrective actions taken. Work zones are subject to unannounced inspections by the engineer and other departmental staff to corroborate the validity of the WZS's review and may require immediate corrective measures and/or additional work zone monitoring.

1.2 Work Zone Deficiencies. Failure to make corrections on time may result in the engineer suspending work. The suspension will be non-excusable and non-compensable regardless if road user costs are being charged for closures.

2.0 Traffic Management Schedule.

2.1 Traffic management schedules shall be submitted to the engineer for review prior to the start of work and prior to any revisions to the traffic management schedule. The traffic management schedule shall include the proposed traffic control measures, the hours traffic control will be in place, and work hours.

2.2 The traffic management schedule shall conform to the limitations specified in Sec 616 regarding lane closures, traffic shifts, road closures and other width, height and weight restrictions.

2.3 The engineer shall be notified as soon as practical of any postponement due to weather, material or other circumstances.

2.4 In order to ensure minimal traffic interference, the contractor shall schedule lane closures for the absolute minimum amount of time required to complete the work. Lanes shall not be closed until material is available for continuous construction and the contractor is prepared to diligently pursue the work until the closed lane is opened to traffic.

2.5 Traffic Congestion. The contractor shall, upon approval of the engineer, take proactive measures to reduce traffic congestion in the work zone. The contractor shall immediately implement appropriate mitigation strategies whenever traffic congestion reaches an excess of 10 minutes to prevent congestion from escalating to 15 minute or above threshold. If disruption of the traffic flow occurs and traffic is backed up in queues of 15 minute delays or longer, then the contractor shall immediately review the construction operations which contributed directly to disruption of the traffic flow and make adjustments to the operations to prevent the queues from reoccurring. Traffic delays may be monitored by physical presence on site or by utilizing real-time travel data through the work zone that generate text and/or email notifications where available. The engineer monitoring the work zone may also notify the contractor of delays that require prompt mitigation. The contractor may work with the engineer to determine what other alternative solutions or time periods would be acceptable.

2.5.1 Traffic Safety.

2.5.1.1 Recurring Congestion. Where traffic queues routinely extend to within 1000 feet of the ROAD WORK AHEAD, or similar, sign on a divided highway or to within 500 feet of the ROAD WORK AHEAD, or similar, sign on an undivided highway, the contractor shall extend the advance warning area, as approved by the engineer.

2.5.1.2 Non-Recurring Congestion. When traffic queues extend to within 1000 feet of the ROAD WORK AHEAD, or similar, sign on a divided highway or to within 500 feet of the ROAD WORK AHEAD, or similar, sign on an undivided highway infrequently, the contractor shall deploy a means of providing advance warning of the traffic congestion, as approved by the engineer. The warning location shall be no less than 1000 feet and no more than 0.5 mile in advance of the end of the traffic queue on divided highways and no less than 500 feet and no more than 0.5 mile in advance of the end of the traffic queue on undivided highways.

3.0 Work Hour Restrictions.

3.1 Except for emergency work, as determined by the engineer, and long term lane closures required by project phasing, all lanes shall be scheduled to be open to traffic during the five major holiday periods shown below, from 12:00 noon on the last working day preceding the holiday until 6:00 a.m. on the first working day subsequent to the holiday unless otherwise approved by the engineer.

Memorial Day
Labor Day

Thanksgiving
Christmas
New Year's Day

3.1.1 Independence Day. The lane restrictions specified in Section 3.1 shall also apply to Independence Day, except that the restricted periods shall be as follows:

When Independence Day falls on:	The Holiday is Observed on:	Halt Lane Closures beginning at:	Allow Lane Closures to resume at:
Sunday	Monday	Noon on Friday	6:00 a.m. on Tuesday
Monday	Monday	Noon on Friday	6:00 a.m. on Tuesday
Tuesday	Tuesday	Noon on Monday	6:00 a.m. on Wednesday
Wednesday	Wednesday	Noon on Tuesday	6:00 a.m. on Thursday
Thursday	Thursday	Noon on Wednesday	6:00 a.m. on Friday
Friday	Friday	Noon on Thursday	6:00 a.m. on Monday
Saturday	Friday	Noon on Thursday	6:00 a.m. on Monday

3.2 The contractor shall not perform any construction operation on the roadway, roadbed or active lanes, including the hauling of material within the project limits, during restricted periods, holiday periods or other special events specified in the contract documents.

4.0 Detours and Lane Closures.

4.1 When a changeable message sign (CMS) is provided, the contractor shall use the CMS to notify motorists of future traffic disruption and possible traffic delays one week before traffic is shifted to a detour or prior to lane closures. The CMS shall be installed at a location as approved or directed by the engineer. If a CMS with Communication Interface is required, then the CMS shall be capable of communication prior to installation on right of way. All messages planned for use in the work zone shall be approved and authorized by the engineer or its designee prior to deployment. When permanent dynamic message signs (DMS) owned and operated by MoDOT are located near the project, they may also be used to provide warning and information for the work zone. Permanent DMS shall be operated by the TMC, and any messages planned for use on DMS shall be approved and authorized by the TMC at least 72 hours in advance of the work.

4.2 At least one lane of traffic in each direction shall be maintained at all times except for brief intervals of time required when the movement of the contractor's equipment will seriously hinder the safe movement of traffic. Periods during which the contractor will be allowed to interrupt traffic will be designated by the engineer.

5.0 Basis of Payment. No direct payment will be made to the contractor to recover the cost of equipment, labor, materials, or time required to fulfill the above provisions, unless specified elsewhere in the contract document. All authorized changes in the traffic control plan shall be provided for as specified in Sec 616.

D. Emergency Provisions and Incident Management JSP-90-11A

1.0 The contractor shall have communication equipment on the construction site or immediate access to other communication systems to request assistance from law enforcement or other emergency agencies for incident management. In case of traffic accidents or the need for law

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enforcement to direct or restore traffic flow through the job site, the contractor shall notify law enforcement or other emergency agencies immediately as needed. The area engineer's office shall also be notified when the contractor requests emergency assistance.

2.0 In addition to the 911 emergency telephone number for ambulance, fire or law enforcement services, the following agencies may also be notified for accident or emergency situation within the project limits.

Missouri Highway Patrol (800) 525-5555	
City of Lake St. Louis	St. Charles County
Fire: (636) 561-9200	Emergency: (636) 949-3023
Police: (636) 625-8018	Police: (636) 949-3000

2.1 This list is not all inclusive. Notification of the need for wrecker or tow truck services will remain the responsibility of the appropriate law enforcement agency.

2.2 The contractor shall notify law enforcement and emergency agencies before the start of construction to request their cooperation and to provide coordination of services when emergencies arise during the construction at the project site. When the contractor completes this notification with law enforcement and emergency agencies, a report shall be furnished to the engineer on the status of incident management.

3.0 No direct pay will be made to the contractor to recover the cost of the communication equipment, labor, materials or time required to fulfill the above provisions.

E. Project Contact for Contractor/Bidder Questions JSP-96-05A

1.0 All questions concerning this project during the bidding process shall be forwarded to the project contact listed below.

Terry Rigdon, Project Contact
City of Lake Saint Louis
307 Parkway Industrial Drive
Lake Saint Louis, MO 63367

Telephone Number: 636-495-4221
Email: trigdon@LakeSaintLouis.com

F. Supplemental Revisions JSP-18-01KK

- Compliance with [2 CFR 200.216 – Prohibition on Certain Telecommunications and Video Surveillance Services or Equipment](#).

The Missouri Highways and Transportation Commission shall not enter into a contract (or extend or renew a contract) using federal funds to procure or obtain equipment, services, or systems that uses covered telecommunications equipment or services as substantial or as critical technology as part of any system where the video surveillance and telecommunications equipment was

produced by Huawei Technologies Company, ZTE Corporation, Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities).

- **Stormwater Compliance Requirements**

1.0 Description. This provision requires the contractor to provide a Water Pollution Control Manager (WPCM) for any project that includes land disturbance on the project site and the total area of land disturbance, both on the project site, and all Off-site support areas, is one (1) acre or more. Regardless of the area of Off-site disturbance, if no land disturbance occurs on the project site, these provisions do not apply. When a WPCM is required, all sections within this provision shall be applicable, including assessment of specified Liquidated Damages for failure to correct Stormwater Deficiencies, as specified herein. This provision is in addition to any other stormwater, environmental, and land disturbance requirements specified elsewhere in the contract.

1.1 Definitions. The project site is defined as all areas designated on the plans, including temporary and permanent easements. The project site is equivalent to the “permitted site”, as defined in MoDOT’s State Operating Permit. An Off-site area is defined as any location off the project site the contractor utilizes for a dedicated project support function, such as, but not limited to, staging area, plant site, borrow area, or waste area.

1.2 Reporting of Off-Site Land Disturbance. If the project includes any planned land disturbance on the project site, prior to the start of work, the contractor shall submit a written report to the engineer that discloses all Off-site support areas where land disturbance is planned, the total acreage of anticipated land disturbance on those sites, and the land disturbance permit number(s). Upon request by the engineer, the contractor shall submit a copy of its land disturbance permit(s) for Off-site locations. Based on the total acreage of land disturbance, both on and Off-site, the engineer shall determine if these Stormwater Compliance Requirements shall apply. The Contractor shall immediately report any changes to the planned area of Off-site land disturbance. The Contractor is responsible for obtaining its own separate land disturbance permit for Off-site areas.

2.0 Water Pollution Control Manager (WPCM). The Contractor shall designate a competent person to serve as the Water Pollution Control Manager (WPCM) for projects meeting the description in Section 1.0. The Contractor shall ensure the WPCM completes all duties listed in Section 2.1.

2.1 Duties of the WPCM:

- (a) Be familiar with the stormwater requirements including the current MoDOT State Operating Permit for construction stormwater discharges/land disturbance activities; MoDOT’s statewide Stormwater Pollution Prevention Plan (SWPPP); the Corps of Engineers Section 404 Permit, when applicable; the project specific SWPPP, the Project’s Erosion & Sediment Control Plan; all applicable special provisions, specifications, and standard drawings; and this provision;
- (b) Successfully complete the MoDOT Stormwater Training Course within the last 4 years. The MoDOT Stormwater Training is a free online course available at MoDOT.org;

- (c) Attend the Pre-Activity Meeting for Grading and Land Disturbance and all subsequent Weekly Meetings in which grading activities are discussed;
- (d) Oversee and ensure all work is performed in accordance with the Project-specific SWPPP and all updates thereto, or as designated by the engineer;
- (e) Review the project site for compliance with the Project SWPPP, as needed, from the start of any grading operations until final stabilization is achieved, and take necessary actions to correct any known deficiencies to prevent pollution of the waters of the state or adjacent property owners prior to the engineer's weekly inspections;
- (f) Review and acknowledge receipt of each MoDOT Inspection Report (Land Disturbance Inspection Record) for the Project within forty eight (48) hours of receiving the report and ensure that all Stormwater Deficiencies noted on the report are corrected as soon as possible, but no later than stated in Section 5.0.

3.0 Pre-Activity Meeting for Grading/Land Disturbance and Required Hold Point. A Pre-Activity meeting for grading/land disturbance shall be held prior to the start of any land disturbance operations. No land disturbance operations shall commence prior to the Pre-Activity meeting except work necessary to install perimeter controls and entrances. Discussion items at the pre-activity meeting shall include a review of the Project SWPPP, the planned order of grading operations, proposed areas of initial disturbance, identification of all necessary BMPs that shall be installed prior to commencement of grading operations, and any issues relating to compliance with the Stormwater requirements that could arise in the course of construction activity at the project.

3.1 Hold Point. Following the pre-activity meeting for grading/land disturbance and subsequent installation of the initial BMPs identified at the pre-activity meeting, a Hold Point shall occur prior to the start of any land disturbance operations to allow the engineer and WPCM the time needed to perform an on-site review of the installation of the BMPs to ensure compliance with the SWPPP is met. Land disturbance operations shall not begin until authorization is given by the engineer.

4.0 Inspection Reports. Weekly and post run-off inspections will be performed by the engineer and each Inspection Report (Land Disturbance Inspection Record) will be entered into a web-based Stormwater Compliance database. The WPCM will be granted access to this database and shall promptly review all reports, including any noted deficiencies, and shall acknowledge receipt of the report as required in Section 2.1 (f.).

5.0 Stormwater Deficiency Corrections. All stormwater deficiencies identified in the Inspection Report shall be corrected by the contractor within 7 days of the inspection date or any extended period granted by the engineer when weather or field conditions prohibit the corrective work. If the contractor does not initiate corrective measures within 5 calendar days of the inspection date or any extended period granted by the engineer, all work shall cease on the project except for work to correct these deficiencies, unless otherwise allowed by the engineer. All impact costs related to this halting of work, including, but not limited to stand-by time for equipment, shall be borne by the Contractor. Work shall not resume until the engineer approves the corrective work.

5.1 Liquidated Damages. If the Contractor fails to complete the correction of all Stormwater Deficiencies listed on the MoDOT Inspection Report within the specified time limit, the Commission will be damaged in various ways, including but not limited to, potential liability, required mitigation, environmental clean-up, fines, and penalties. These damages are not

reasonably capable of being computed or quantified. Therefore, the contractor will be charged with liquidated damages specified in the amount of \$2,000 per day for failure to correct one or more of the Stormwater Deficiencies listed on the Inspection Report within the specified time limit. In addition to the stipulated damages, the stoppage of work shall remain in effect until all corrections are complete.

6.0 Basis of Payment. No direct payment will be made for compliance with this provision.

- **Delete Sec 106.9 in its entirety and substitute the following:**

106.9 Buy America Requirements.

Buy America Requirements are waived if the total amount of Federal financial assistance applied to the project, through awards or subawards, is below \$500,000.

106.9.1 Buy America Requirements for Iron or Steel Products.

The contractor's attention is directed to Title 23 CFR 635.410 *Buy America Requirements*. Where articles, materials or supplies that consist wholly or predominantly of iron or steel or a combination of both are to be permanently incorporated into the contract work, steel and iron material shall be manufactured, from the initial melting stage through the application of coatings, in the USA except for "minimal use" as described herein. Predominantly of iron or steel or a combination of both means that the cost of the iron and steel content exceeds 50 percent of the total cost of all its components. Under a general waiver from FHWA the use of pig iron and processed, pelletized, and reduced iron ore manufactured outside of the USA will be permitted in the domestic manufacturing process for steel or iron material.

106.9.1.1 Any sources other than the USA as defined will be considered foreign. The required domestic manufacturing process shall include formation of ingots and any subsequent process. Coatings shall include any surface finish that protects or adds value to the product.

106.9.1.2 "Minimal use" of foreign steel, iron or coating processes will be permitted, provided the cost of such products does not exceed 1/10 of one percent (0.1 percent) of the total contract cost or \$2,500.00, whichever is greater. If foreign steel, iron, or coating processes are used, invoices to document the cost of the foreign portion, as delivered to the project, shall be provided and the engineer's written approval obtained prior to placing the material in any work.

106.9.1.3 Buy America requirements include a step certification for all fabrication processes of all steel or iron materials that are accepted per Sec 1000. The AASHTO Product Evaluation and Audit Solutions compliance program verifies that all steel and iron products fabrication processes conform to 23 CFR 635.410 Buy America Requirements and is an acceptable standard per 23 CFR 635.410(d). AASHTO Product Evaluation and Audit Solutions compliant suppliers will not be required to submit step certification documentation with the shipment for some selected steel and iron materials. The AASHTO Product Evaluation and Audit Solutions compliant supplier shall maintain the step certification documentation on file and shall provide this documentation to the engineer upon request.

106.9.1.3.1 Items designated as Category 1 will consist of steel girders, piling, and reinforcing steel installed on site. Category 1 items require supporting documentation prior to incorporation into the project showing all steps of manufacturing, including coating, as being completed in the United States and in accordance with CFR Title 23 Section 635.410 Buy America Requirements. This includes the Mill Test Report from the original producing steel mill and certifications

documenting the manufacturing process for all subsequent fabrication, including coatings. The certification shall include language that certifies all steel and iron materials permanently incorporated in this project was procured and processed domestically and all manufacturing processes, including coating, as being completed in the United States and in accordance with CFR Title 23 Section 635.410.

106.9.1.3.2 Items designated as Category 2 will include all other steel or iron products not in Category 1 and permanently incorporated in the project. Category 2 items shall consist of, but not be limited to items such as fencing, guardrail, signing, lighting and signal supports. The prime contractor is required to submit a material of origin form certification prior to incorporation into the project from the fabricator for each item that the product is domestic. The Certificate of Materials Origin form ([link to certificate form](#)) from the fabricator must show all steps of manufacturing, including coating, as being completed in the United States and in accordance with CFR Title 23 Section 635.410 Buy America Requirements and be signed by a fabricator representative. The engineer reserves the right to request additional information and documentation to verify that all Buy America requirements have been satisfied. These documents shall be submitted upon request by the engineer and retained for a period of 3 years after the last reimbursement of the material.

106.9.1.3.3 Any minor miscellaneous steel or iron items that are not included in the materials specifications shall be certified by the prime contractor as being procured domestically. Examples of these items would be bolts for sign posts, anchorage inserts, etc. The certification shall read "I certify that all steel and iron materials permanently incorporated in this project during all manufacturing processes, including coating, as being completed in the United States and in accordance with CFR Title 23 Section 635.410 Buy America Requirements procured and processed domestically in accordance with CFR Title 23 Section 635.410 Buy America Requirements. Any foreign steel used was submitted and accepted under minor usage". The certification shall be signed by an authorized representative of the prime contractor.

106.9.1.4 When permitted in the contract, alternate bids may be submitted for foreign steel and iron products. The award of the contract when alternate bids are permitted will be based on the lowest total bid of the contract based on furnishing domestic steel or iron products or 125 percent of the lowest total bid based on furnishing foreign steel or iron products. If foreign steel or iron products are awarded in the contract, domestic steel or iron products may be used; however, payment will be at the contract unit price for foreign steel or iron products.

106.9.2 Buy America Requirements for Construction Materials other than iron or steel products.

Construction materials mean articles, materials, or supplies that consist of only one of the items listed. Minor additions of articles, materials, supplies, or binding agents to a construction material do not change the categorization of the construction material. Upon request by the engineer, the contractor shall submit a domestic certification for all construction materials listed that are incorporated into the project.

- (a) Non-ferrous metals
- (b) Plastic and Polymer-based products (including polyvinylchloride, composite building materials, and polymers used in fiber optic cables)
- (c) Glass (including optic glass)
- (d) Fiber optic cable (including drop cable)
- (e) Optical fiber
- (f) Lumber

- (g) Engineered wood
- (h) Drywall

106.9.3 Buy America Requirements for Manufactured Products.

Manufactured products mean articles, materials or supplies that have been processed into a specific form and shape, or combined with other articles, materials or supplies to create a product with different properties than the individual articles, materials or supplies. If an item is classified as an iron or steel product, an excluded material, or other product category as specified by law or in 2 CFR part 184, then it is not a manufactured product. However, an article, material or supply classified as a manufactured product may include components that are iron or steel products, excluded materials, or other product categories as specified by law or in 2 CFR part 184. Mixtures of excluded materials delivered to a work site without final form for incorporation into a project are not a manufactured product.

106.9.3.1 Produced in the United States, in the case of manufactured products, means:

- (A) For projects obligated on or after October 1, 2025, the product was manufactured in the United States; and
- (B) For projects obligated on or after October 1, 2026, the product was manufactured in the United States and the cost of the components of the manufactured product that are mined, produced, or manufactured in the United States is greater than 55 percent of the total cost of all components of the manufactured product.

106.9.3.2 (i) With respect to precast concrete products that are classified as manufactured products, components of precast concrete products that consist wholly or predominantly of iron or steel or a combination of both shall meet the requirements of paragraph (b) of this section. The cost of such components shall be included in the applicable calculation for purposes of determining whether the precast concrete product is produced in the United States.

(ii) With respect to intelligent transportation systems and other electronic hardware systems that are installed in the highway right of way or other real property and classified as manufactured products, the cabinets or other enclosures of such systems that consist wholly or predominantly of iron or steel or a combination of both shall meet the requirements of paragraph (b) of this section. The cost of cabinets or other enclosures shall be included in the applicable calculation for purposes of determining whether systems referred to in the preceding sentence are produced in the United States.

106.9.4 Waiver for De Minimis Costs for Manufactured and Construction Materials other than iron or steel products.

"The total value of the non-compliant products is no more than the lesser of \$1,000,000 or 5% of total applicable costs for the project." The contractor shall submit to the engineer any non-domestic materials and their total material cost to the engineer. The contractor and the engineer will both track these totals to assure that the minimal usage allowance is not exceeded.

- Third-Party Test Waiver for Concrete Aggregate

1.0 Description. Third party tests may be allowed for determining the durability factor for concrete pavement and concrete masonry aggregate.

2.0 Material. All aggregate for concrete shall be in accordance with Sec 1005.

2.1 MoDOT personnel shall be present at the time of sampling at the quarry. The aggregate sample shall be placed in an approved tamper-evident container (provided by the quarry) for shipment to the third-party testing facility.

2.2 AASHTO T 161 Method B Resistance of Concrete to Rapid Freezing and Thawing, shall be used to determine the aggregate durability factor. All concrete beams for testing shall be 3-inch wide by 4-inch deep by 16-inch long or 3.5-inch wide by 4.5-inch deep by 16-inch long. All beams for testing shall receive a 35-day wet cure fully immersed in saturated lime water prior to initiating the testing process.

2.3 Concrete test beams shall be made using a MoDOT approved concrete pavement mix design.

3.0 Testing Facility Requirements. All third-party test facilities shall meet the requirements outlined in this provision.

3.1 The testing facility shall be AASHTO accredited.

3.1.1 For tests ran after January 1, 2025, accreditation documentation shall be on file with the Construction and Materials Division prior to any tests being performed.

3.1.2 Construction and Materials Division may consider tests completed prior to January 1, 2025, to be acceptable if all sections of this provision are met, with the exception of 3.1.1. Accreditation documentation shall be provided with the test results for tests completed prior to January 1, 2025. No tests completed prior to September 1, 2024, will be accepted.

3.2 The testing facility shall provide their testing process, list of equipment, equipment calibration documentation, and testing certifications or qualifications of technicians performing the AASHTO T 161 Procedure B tests. The testing facility shall provide details on their freezing and thawing apparatus including the time and temperature profile of their freeze-thaw chamber. The profile shall include the temperature set points throughout the entirety of the freeze-thaw cycle. The profile shall show the cycle time at which the apparatus drains/fills with water and the cycle time at which the apparatus begins cooling the specimens.

3.3 Results, no more than five years old, from the third-party test facility shall compare within ± 2.0 percent of an independent test from another AASHTO accredited test facility or with MoDOT test records, in order to be approved for use (e.g. test facility results in a durability factor of 79, MoDOT's recent durability test factor is 81; this compared within +2 percent). The independent testing facility shall be in accordance with this provision. The comparison test can be from a different sample of the same ledge combination.

3.4 When there is a dispute between the third party durability test results and MoDOT durability test results, the MoDOT durability test result shall govern.

3.5 Test results shall be submitted to MoDOT's Construction and Materials division electronically for final approval. Test results shall include raw data for all measurements of relative dynamic modulus of elasticity and percent length change for each individual concrete specimen. Raw data shall include initial measurements made at zero cycles and every subsequent measurement of concrete specimens. Raw data shall include the cycle count and date each measurement was taken. Test results shall also include properties of the concrete mixture as required by AASHTO T 161. This shall include the gradation of the coarse aggregate sample. If AASHTO T 152 is

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County: St. Charles

used to measure fresh air content, then the aggregate correction factor for the mix determined in accordance with AASHTO T 152 shall also be included.

4.0 Method of Measurement. There is no method of measurement for this provision. The testing requirements and number of specimens shall be in accordance with AASHTO T 161 Procedure B.

5.0 Basis of Payment. No direct payment will be made to the contractor or quarry to recover the cost of aggregate samples, sample shipments, testing equipment, labor to prepare samples or test samples, or developing the durability report.

- **Delete paragraph 15.0 of the General Provision Disadvantaged Business Enterprise (DBE) Program Requirements and substitute the following:**

15.0 Bidder's List Quote Summary. MoDOT is a recipient of federal funds and is required by 49 CFR 26.11 to provide data about its DBE program. All bidders who seek to work on federally assisted contracts must submit data about all DBE and non-DBEs in accordance with Sec 102.7.9. MoDOT will not compare the submitted Bidder's List Quote Summary to any other documents or submittals, pre or post award. All information will be used by MoDOT in accordance with 49 CFR 26.11 for reporting to USDOT and to aid in overall DBE goal setting.

- **Add Sec 102.7.9 to include the following:**

102.7.9 Bidder's List Quote Summary. Each bidder shall submit with each bid a summary of all subcontractors, material suppliers, and service providers (e.g. hauling) considered on federally funded projects pursuant to 49 CFR 26.11. The bidder will provide the firm's name, the corresponding North American Industry Classification System (NAICS) code(s) the firm(s) were considered for, and whether or not they were used in the bid. The information submitted should be the most complete information available at the time of bid. The information shall be disclosed on the Bidder's List Quote Summary form provided in the bidding documents and submitted in accordance with Sec 102.10. Failure to disclose this information may result in a bid being declared irregular.

G. Utilities JSP-93-26F

1.0 For informational purposes only, the following is a list of names, addresses, and telephone numbers of the known utility companies in the area of the construction work for this improvement:

<u>Utility Name</u>	<u>Known Required Adjustment</u>	<u>Type</u>
Cuivre River Electrical Cooperative Dan Schneider Phone: 636-695-4841 Email: dschneider@cuivre.com	Yes	Electric

Brightspeed Daniel Donaldson Phone: 636-295-0630 Email: daniel.donaldson@brightspeed.com	Yes	Communications
Charter Communications James Hake Phone: N/A Email: james.hake@charter.com	Yes	Communications
Gateway Fiber Tom Turley Phone: 573-474-2065 Email: tom.turley@utilisource.us	Yes	Communications
Spire Richard Russell Phone: 314-637-7615 Email: richard.russell@spireenergy.com	Yes	Gas
St. Charles County PWSD#2 David Mathon Phone: 636-535-3047 Email: dmathon@colestl.com	Yes	Water

1.1 The existence and approximate location of utility facilities known to exist, as shown on the plans, are based upon the best information available to the Commission at this time. This information is provided by the Commission "as-is" and the Commission expressly disclaims any representation or warranty as to the completeness, accuracy, or suitability of the information for any use. Reliance upon this information is done at the risk and peril of the user, and the Commission shall not be liable for any damages that may arise from any error in the information. It is, therefore, the responsibility of the contractor to verify the above listing information indicating existence, location and status of any facility. Such verification includes direct contact with the listed utilities.

1.2 The Contractor is hereby notified that utility relocations by utility providers will be necessary during the project. While some relocations are planned to be completed prior to the start of construction, some will require construction to begin prior to the relocation, and others will be in progress at the time of construction. The Contractor shall incorporate time into the construction schedule as well as any necessary costs associated with coordinating with and accommodating the utility companies to perform necessary relocations during the construction.

2.0 Cuivre River Electrical Cooperative

2.1 Location. Cuivre River has utility poles and an overhead primary on both sides of the road throughout the project limits. Additionally, two underground primaries drop from a riser on pole #107004 and cross underneath Lake Saint Louis Boulevard and run along the north and south side of Hawk Ridge Circle (south).

2.2 Conflict. Two poles (#71868 and #107004) conflict with the shared-use path in the SE corner of Hawk Ridge Circle (south) and 2 poles (#074323 and #69653) conflict with the cut portion of the ditch backslope along the eastern side of the corridor and require relocation.

2.3 Schedule. Cuivre plans to relocate these poles and pull boxes outside of the limits of construction prior to the construction of the project.

3.0 Brightspeed

3.1 Location. Brightspeed has multiple underground lines along the west side of Lake Saint Louis Boulevard within the project limits.

3.2 Conflict. The underground line conflicts with the new storm sewer between drainage structures CI 1-25 and CI 1-13. Additional other pull box, pedestal and underground relocations are required for the installation of the new signal equipment at Hawk Ridge Circle (south).

3.3 Schedule. Brightspeed plans to relocate their underground facilities prior to the construction of the project.

3.4 Adjustment. There are also various Brightspeed pull boxes and pedestals that require adjustment to grade at various locations as shown on the plans. The contractor shall provide Brightspeed at least **two (2) weeks notice** before beginning work near these areas to allow Brightspeed time to coordinate and schedule the adjustments.

4.0 Charter Communications

4.1 Location. Charter has an aerial fiber optic line on the Cuivre River power poles within the project limits.

4.2 Conflict. The aerial lines conflict with the Cuivre River relocation work and require relocation to the new poles.

4.3 Schedule. Charter plans to relocate their aerial lines at the same time as the Cuivre River pole relocation work. The contractor shall coordinate with Charter and Cuivre River if Cuivre's relocation work is not completed by the beginning of the project.

5.0 Gateway Fiber

5.1 Location. Gateway Fiber has an existing fiber optic cable in a 1.25" innerduct located along the north side of Hawk Ridge Circle (S) that crosses to the east side of Lake Saint Louis Boulevard before continuing south.

5.2 Conflict. The innerduct at Hawk Ridge Circle (south) conflicts with the proposed storm sewer trunkline at STA. 60+45 RT.

5.3 Schedule. Gateway Fiber plans to replace a section of this innerduct prior to construction but the work may be in progress during project construction to determine if conduit slack is available to avoid replacement. The contractor shall provide Gateway Fiber at least **two (2) weeks notice** before beginning work near this area to allow Gateway Fiber time to coordinate and schedule the adjustment, if necessary.

6.0 Spire

6.1 Location. Spire has an 8" steel main located along the east side of Lake Saint Louis Boulevard and a 4" plastic main along the west.

6.2 Conflict. The 8" main conflicts with the proposed grading and storm sewer trunk line through the entire project limits and will require relocation. The 4" main conflicts with the new storm sewer between drainage structures CI 1-25 and CI 1-13.

6.3 Schedule. Spire plans to relocate the 8" main outside of the construction limits prior to construction but due to the project schedule, a portion of this work may occur concurrently with the project. The Contractor shall coordinate this work with Spire.

6.4 Adjustment. There are also various Spire valves that require adjustment to grade at various locations as shown on the plans. The contractor shall provide Spire at least **two (2) weeks notice** before beginning work near these areas to allow Spire time to coordinate and schedule the adjustments.

7.0 St. Charles County PWSD#2

7.1 Location. PWSD#2 has an 8" PVC sanitary main and an 8" PVC water main running along the west side of Lake Saint Louis Boulevard through the project limits.

7.2 Conflict. The 8" water main conflicts with the new storm sewer between drainage structures FES 3 and CI 1-9.

7.3 Schedule. PWSD#2 plans to relocate this main outside of the construction limits prior to construction but due to the project schedule, a portion of this work may occur concurrently with the project. The Contractor shall coordinate this work with PWSD#2.

7.4 Adjustment. There are also various PWSD#2 water valves and meters and a manhole at STA. 60+70 that require adjustment to grade at various locations as shown on the plans. The contractor shall provide PWSD#2 at least **two (2) weeks notice** before beginning work near these areas to allow time for PWSD#2 to coordinate and schedule the adjustments.

H. ADA Compliance and Final Acceptance of Constructed Facilities LPA-15-07B

1.0 Description. The contractor shall comply with all laws pertaining to the Americans with Disabilities Act (ADA) during construction of pedestrian facilities on public rights of way for this project. An ADA Checklist is provided herein to be utilized by the contractor for verifying compliance with the ADA law. The contractor is expected to familiarize himself with the plans involving pedestrian facilities and the ADA Post Construction Checklist prior to performing the work.

2.0 ADA Checklist. The contractor can locate the ADA Checklist form on the Missouri Department of Transportation website:

www.modot.org/business/contractor_resources/forms.htm

2.1 The ADA Checklist is not to be considered all-inclusive, nor does it supersede any other contract requirements. The ADA checklist is a required guide for the contractor to use during the construction of the pedestrian facilities and a basis for the City of Lake Saint Louis's acceptance of work. Prior to work being performed, the contractor shall bring to the engineer's attention any planned work that is in conflict with the design or with the requirement shown in the checklist. This notification shall be made in writing. Situations may arise where the checklist may not fully address all requirements needed to construct a facility to the full requirements of current ADA law. In those situations, the contractor shall propose a solution to the engineer that is compliant with current ADA law using the following hierarchy of resources: 2010 ADA Standards for Accessible Design, Draft Public Rights of Way Accessibility Guidelines (PROWAG) dated November 23, 2005, MoDOT's Engineering Policy Guidelines (EPG), or a solution approved by the U.S. Access Board.

2.2 It is encouraged that the contractor monitor the completed sections of the newly constructed pedestrian facilities in attempts to minimize negative impacts that his equipment, subcontractors or general public may have on the work. Completed facilities must comply with the requirements of ADA and the ADA Checklist or have documented reasons for the non-compliant items to remain.

3.0 Coordination of Construction.

3.1 Prior to construction and/or closure on an existing pedestrian path of travel, the contractor shall submit a schedule of work to be constructed, which includes location of work performed, the duration of time the contractor expects to impact the facility and an accessible signed pedestrian detour compliant with MUTCD Section 6D that will be used during each stage of construction. This plan shall be submitted to the engineer for review and approval at or prior to the pre-construction conference. Accessible signed detours shall be in place prior to any work being performed that has the effect of closing an existing pedestrian travel way.

3.2 When consultant survey is included in the contract, the contractor shall use their survey crews to verify that the intended design can be constructed to the full requirements as established in the 2010 ADA Standards. When 2010 ADA Standards do not give sufficient information to construct the contract work, the contractor shall refer to the PROWAG.

3.3 When consultant survey is not included in the contract, the contractor shall coordinate with the engineer, prior to construction, to determine if additional survey will be required to confirm the designs constructability.

4.0 Final Acceptance of Work. The contractor shall provide the completed ADA Checklist to the engineer at the semi-final inspection. ADA improvements require final inspection and compliance with the ADA requirements and the ADA Checklist. Each item listed in the checklist must receive either a "YES" or an "N/A" score. Any item receiving a "NO" will be deemed non-compliant and shall be corrected at the contractor's expense unless deemed otherwise by the engineer. Documentation must be provided about the location of any non-compliant items that are allowed to remain at the end of the construction project. Specific details of the non-compliant items, the ADA requirement that the work was not able to comply with, and the specific reasons that justify the exception are to be included with the completed ADA Checklist provided to the engineer.

4.1 Slope and grade measurements shall be made using a properly calibrated, 2 foot long, electronic digital level approved by the engineer.

5.0 Basis of Payment. The contractor will receive full pay of the contract unit cost for all sidewalk, ramp, curb ramp, median, island, approach work, cross walk striping, APS buttons, pedestrian heads, detectible warning systems and temporary traffic control measures that are completed during the current estimate period as approved by the engineer. Based upon completion of the ADA Checklist, the contractor shall complete any necessary adjustments to items deemed non-compliant as directed by the engineer.

5.1 No direct payment will be made to the contractor to recover the cost of equipment, labor, materials, or time required to fulfill the above provisions, unless specified elsewhere in the contract documents.

I. LPA Buy America Requirements LPA-18-08B

106.9 Buy America Requirements.

Buy America Requirements are waived if the total amount of Federal financial assistance applied to the project, through awards or subawards, is below \$500,000.

106.9.1 Buy America Requirements for Iron or Steel Products.

The contractor's attention is directed to Title 23 CFR 635.410 *Buy America Requirements*. Where articles, materials or supplies that consist wholly or predominantly of iron or steel or a combination of both are to be permanently incorporated into the contract work, steel and iron material shall be manufactured, from the initial melting stage through the application of coatings, in the USA except for "minimal use" as described herein. Predominantly of iron or steel or a combination of both means that the cost of the iron and steel content exceeds 50 percent of the total cost of all its components. Under a general waiver from FHWA the use of pig iron and processed, pelletized, and reduced iron ore manufactured outside of the USA will be permitted in the domestic manufacturing process for steel or iron material.

106.9.1.1 Any sources other than the USA as defined will be considered foreign. The required domestic manufacturing process shall include formation of ingots and any subsequent process. Coatings shall include any surface finish that protects or adds value to the product.

106.9.1.2 "Minimal Use" of foreign steel, iron or coating processes will be permitted, provided the cost of such products does not exceed 1/10 of one percent (0.1 percent) of the total contract cost or \$2,500.00, whichever is greater. If foreign steel, iron or coating processes are used, invoices to document the cost of the foreign portion, as delivered to the project, shall be provided and the engineer's written approval obtained prior to placing the material in any work.

106.9.1.3 Buy America requirements include a step certification for all fabrication processes of all steel or iron materials that are accepted per Sec 1000. The AASHTO Product Evaluation and Audit Solutions compliance program verifies that all steel and iron products fabrication processes conform to 23 CFR 635.410 Buy America Requirements and is an acceptable standard per 23 CFR 635.410(d). AASHTO Product Evaluation and Audit Solutions compliant suppliers will not be required to submit step certification documentation with the shipment for some selected steel and iron materials. The AASHTO Product Evaluation and Audit Solutions compliant supplier shall maintain the step certification documentation on file and shall provide this documentation to the engineer upon request.

106.9.1.3.1 Items designated as Category 1 will consist of steel girders, piling, and reinforcing steel installed on site. Category 1 items require supporting documentation prior to incorporation into the project showing all steps of manufacturing, including coating, as being completed in the United States and in accordance with CFR Title 23 Section 635.410 Buy America Requirements. This includes the Mill Test Report from the original producing steel mill and certifications documenting the manufacturing process for all subsequent fabrication, including coatings. The certification shall include language that certifies all steel and iron materials permanently incorporated in this project was procured and processed domestically and all manufacturing processes, including coating, as being completed in the United States and in accordance with CFR Title 23 Section 635.410.

106.9.1.3.2 Items designated as Category 2 will include all other steel or iron products not in Category 1 and permanently incorporated in the project. Category 2 items shall consist of, but not be limited to items such as fencing, guardrail, signing, lighting and signal supports. The prime contractor is required to submit a material of origin form certification prior to incorporation into the project from the fabricator for each item that the product is domestic. The Certificate of Materials Origin form ([link to certificate form](#)) from the fabricator must show all steps of manufacturing, including coating, as being completed in the United States and in accordance with CFR Title 23 Section 635.410 Buy America Requirements and be signed by a fabricator representative. The engineer reserves the right to request additional information and documentation to verify that all Buy America requirements have been satisfied. These documents shall be submitted upon request by the engineer and retained for a period of 3 years after the last reimbursement of the material.

106.9.1.3.3 Any minor miscellaneous steel or iron items that are not included in the materials specifications shall be certified by the prime contractor as being procured domestically. Examples of these items would be bolts for sign posts, anchorage inserts, etc. The certification shall read "I certify that all steel and iron materials permanently incorporated in this project during all manufacturing processes, including coating, as being completed in the United States and in accordance with CFR Title 23 Section 635.410 Buy America Requirements procured and processed domestically in accordance with CFR Title 23 Section 635.410 Buy America Requirements. Any foreign steel used was submitted and accepted under minor usage". The certification shall be signed by an authorized representative of the prime contractor.

106.9.1.4 When permitted in the contract, alternate bids may be submitted for foreign steel and iron products. The award of the contract when alternate bids are permitted will be based on the lowest total bid of the contract based on furnishing domestic steel or iron products or 125 percent of the lowest total bid based on furnishing foreign steel or iron products. If foreign steel or iron products are awarded the contract, domestic steel or iron products may be used; however, payment will be at the contract unit price for foreign steel or iron products.

106.9.2 Buy America Requirements for Construction Materials other than iron or steel products.

Construction materials mean articles, materials, or supplies that consist of only one of the items listed. Minor additions of articles, materials, supplies, or binding agents to a construction material do not change the categorization of the construction material. Upon request by the engineer, the contractor shall submit a domestic certification for all construction materials listed that are incorporated into the project.

- (i) Non-ferrous metals

- (j) Plastic and Polymer-based products (including polyvinylchloride, composite building materials, and polymers used in fiber optic cables)
- (k) Glass (including optic glass)
- (l) Fiber optic cable (including drop cable)
- (m) Optical fiber
- (n) Lumber
- (o) Engineered wood
- (p) Drywall

106.9.3 Buy America Requirements for Manufactured Products.

Manufactured products mean articles, materials or supplies that have been processed into a specific form and shape, or combined with other articles, materials or supplies to create a product with different properties than the individual articles, materials or supplies. If an item is classified as an iron or steel product, an excluded material, or other product category as specified by law or in 2 CFR part 184, then it is not a manufactured product. However, an article, material or supply classified as a manufactured product may include components that are iron or steel products, excluded materials, or other product categories as specified by law or in 2 CFR part 184. Mixtures of excluded materials delivered to a work site without final form for incorporation into a project are not a manufactured product.

106.9.3.1 Produced in the United States, in the case of manufactured products, means:

- (A) For projects obligated on or after October 1, 2025, the product was manufactured in the United States; and
- (B) For projects obligated on or after October 1, 2026, the product was manufactured in the United States and the cost of the components of the manufactured product that are mined, produced, or manufactured in the United States is greater than 55 percent of the total cost of all components of the manufactured product.

106.9.3.2 (i) With respect to precast concrete products that are classified as manufactured products, components of precast concrete products that consist wholly or predominantly of iron or steel or a combination of both shall meet the requirements of paragraph (b) of this section. The cost of such components shall be included in the applicable calculation for purposes of determining whether the precast concrete product is produced in the United States.

(ii) With respect to intelligent transportation systems and other electronic hardware systems that are installed in the highway right of way or other real property and classified as manufactured products, the cabinets or other enclosures of such systems that consist wholly or predominantly of iron or steel or a combination of both shall meet the requirements of paragraph (b) of this section. The cost of cabinets or other enclosures shall be included in the applicable calculation for purposes of determining whether systems referred to in the preceding sentence are produced in the United States.

106.9.4 Waiver for De Minimis Costs for Manufactured and Construction Materials other than iron or steel products.

“The total value of the non-compliant products is no more than the lesser of \$1,000,000 or 5% of total applicable costs for the project.” The contractor shall submit to the engineer any non-domestic materials and their total material cost to the engineer. The contractor and the engineer will both track these totals to assure that the minimal usage allowance is not exceeded.

106.9.5 Basis of Payment. Any costs incurred by the contractor by reason of compliance with the above requirements shall be considered as included in and completely covered by the unit price bid for the various items of work included in the contract.

J. Shop Drawing Submittals

The Contractor shall submit shop drawings of the following items according to the General Conditions of the project.

Curb Inlets (all types & sizes)
Frames, Grates, and Lids
Truncated Domes

Submit shop drawings for review and approval to:

Mr. Terry Rigdon
City of Lake Saint Louis
307 Parkway Industrial Drive
Lake Saint Louis, MO 63367

A maximum of two reviews by the Engineer will be provided for each shop drawing submittal.

K. Tree Clearing Restriction JSP-07-05C

1.0 Description. The project is within the known range of the federally endangered Indiana bat, northern long-eared bat, and proposed endangered tricolored bat. These bats are known to roost in trees with suitable habitat characteristics during summer months.

1.1 MoDOT has determined that suitable trees for one or more of these bat species exist within the project area.

1.2 To avoid negative impacts to these bat species, removal of any trees/limbs greater than three (3) inches in diameter shall only occur between October 16 and March 31.

2.0 Basis of Payment. No direct pay shall be provided for any labor, equipment, time, or materials necessary to complete this work.

L. Removal Of Improvements

1.0 Description. This work shall consist of removal and disposal of all existing improvements, including but not limited to pavement, curbs, sidewalks, entrances, parking lot pavement, grates, inlets, retaining walls, headwalls, foundations, riprap, landscaping items, fencing, posts, bollards and any other items that interfere with the proposed improvements, as shown on the plans and according to Section 202 of the St. Louis County Standard Specifications.

1.1 The Contractor shall remove and dispose of existing concrete and asphalt pavement in its entirety, off site. The Contractor is responsible for all over-breakage. Adjacent pavement that is damaged by over-breakage shall be removed and replaced. All removal and replacement of over-breakage shall be done at the Contractor's expense.

1.2 Full depth saw cutting shall be required at the limits of all removal items. Extreme care shall be exercised to avoid damage to adjacent concrete to remain in place. It is essential that these cuts be made full depth to ensure a clean vertical edge to prevent fracture of the adjacent pavement that is to remain. Any liquid residue resulting from the saw cutting shall be immediately and completely washed from the pavement. Saw cutting will not be measured for payment.

1.3 Any portions of existing foundations, inlets, structures, or bases to remain in place shall be removed to a depth of 2 feet below the proposed finish grade. Any of these items that interfere with installation of proposed sewers, water mains, conduits, or other proposed improvements shall be removed in their entirety.

1.4 During breaking of the pavement, the contractor shall not break the pavement within two (2) feet of the marked location of any gas line. The pavement spanning the gas line shall be lifted in one piece and adequate depth to the gas line shall be verified by hand digging.

2.0 Basis of Payment. Payment for this work will be made at the contract unit price per lump sum for REMOVAL OF IMPROVEMENTS, and shall include all labor, materials, equipment and tools necessary to saw cut, remove, dispose of, and complete all other work specified under this item.

M. Pavement Transition

1.0 Description. This work shall consist of all work necessary to transition the proposed typical section to the existing roadway as detailed in the plans and as directed by the engineer. This work will include BITUMINOUS PAVEMENT MIXTURE PG64-22 (BP-1), BITUMINOUS PAVEMENT MIXTURE P64-22 (BASE), MODIFIED COLDMILLING (DEPTH TRANSITIONS), and TACK COAT as well as any incidental work necessary to complete the transition including but not limited to preparation of subgrade, installation of aggregate base, surface leveling, and earth cuts and fills.

2.0 Material. Materials for BITUMINOUS PAVEMENT MIXTURE PG64-22 (BP-1), BITUMINOUS PAVEMENT MIXTURE P64-22 (BASE), BITUMINOUS PAVEMENT MIXTURE PG64-22 (SURFACE LEVELING), and TACK COAT Shall be as specified in latest Missouri Standard Specifications, Section 401, 402, and 407.

3.0 Construction Requirements. The installation of the pavement transitions will be accordance with the plans and as directed by the engineers. All Bituminous Pavement installations shall be in accordance with latest Missouri Standard Specifications, Sections 401, 402, and 407; and MODIFIED COLDMILLING (DEPTH TRANSITIONS) shall be in accordance with Section 622.

4.0 Maintenance of Traffic. This work shall be staged in such a way as to maintain two lanes of through-traffic at all times. Work shall conform to the needs of the staged construction as necessary and as detailed in the plans.

5.0 Basis of Payment. This work shall be paid for at the contract unit price per square yards for 401-99.05 PAVEMENT TRANSITION. This contract unit price shall be considered as fill compensation for BITUMINOUS PAVEMENT MIXTURE PG64-22 (BP-1), BITUMINOUS PAVEMENT MIXTURE P64-22 (BASE), MODIFIED COLDMILLING (DEPTH TRANSITIONS), and TACK COAT associated with the pavement transition as detailed in the plans. This contract unit price will also include any incidental work necessary to complete the transition including but

not limited to preparation of subgrade, installation of aggregate base, surface leveling, and earth cuts and fills.

N. ADA Curb Ramp

1.0 Description. This work shall consist of removing non-compliant curb ramps and constructing new concrete curb ramps and island cut-throughs that are compliant with current Americans with Disabilities Act (ADA) and MoDOT guidelines at locations shown on the plans and as directed by the Engineer. Providing work zone protections for pedestrians will be a primary component of this project. Specifically, this work shall consist of providing pedestrian detours, including all necessary designing of specific detour routes, placing of signing, barricades, and channelizing. Nothing in this provision shall be construed to limit Contractor innovation in mitigating pedestrian traffic impacts. All revisions shall be submitted to the Engineer in writing 3 days prior to approval.

1.1 The Contractor shall assure that the persons establishing the grades of the ADA facilities have a copy of ADA related provisions at hand for reference. If it is found that written provisions for ADA facilities are not at hand, the Engineer may cause ADA work to be ceased until a copy arrives.

2.0 Construction Requirements. Except as noted herein, all applicable provisions in Section 608 for construction of curb ramps shall apply. Items and materials used for pedestrian traffic control shall be in accordance with Section 616 of the Standard Specifications, as applicable. Materials used to provide access over or around obstacles shall be in accordance with the Section applicable.

2.1 The area to be removed and/or constructed under this provision includes the entire curb ramp, flares, landing pads, truncated domes, sidewalk, aggregate base, and any curbs, including variable height curbs.

2.2 Recommendations for the design type of each curb ramp to be built on this project are shown on the plans. These curb ramps may vary from the original design in size, shape, and location as necessary to comply with ADA laws. It is the Contractor's responsibility to inspect locations in the field before bidding to verify quantities needed to satisfy this provision.

2.2.1 ADA provides some exceptions to ramp slope where space limitations exist. The apparent construction limits shown on the plans are not considered a space limitation. The use of these exceptions will not be considered by the Engineer unless the length needed for compliance goes beyond 10 additional feet as shown as the plans are interpreted by the Engineer. The Contractor shall not place any ADA exceptions without consulting the Engineer on a case-by-case basis.

2.3 Work Area Safety. The Contractor shall maintain a work area that is safe for pedestrians. The areas adjacent to the Contractor's physical work site shall also be maintained as needed to provide access to adjoining properties, regardless of whether a detour route is in place. All holes shall be covered with secured plywood or steel plates, and the work area walkways shall be free of trip hazards, loose debris, vehicles, materials, and equipment when the Contractor is not in the work area. A 3-foot minimum path shall be maintained on any used-in-place walkway needed for access. The Contractor shall not be permitted to park on any walkway solely to avoid the need for a lane closure. Items for lane closures are provided in the plans and quantities. The Contractor shall fence in the work area to provide no access to the general public during the construction of the project.

3.0 Basis of Payment. This work will be paid for at the contract unit price per each for ADA CURB RAMP, and shall include excavating or preparing of the subgrade, furnishing or installing reinforcement, curb ramp concrete, aggregate base, any incidental work required for furnishing and installing tie bars, truncated domes, sod or seeding, warping sidewalk to meet adjacent sidewalk sections, the removal and replacement of existing curb/curb and gutter, saw cuts, and other work necessary in the satisfactory completion of this provision.

O. Modified Curb and Gutter

1.0 Description. This work shall consist of furnishing and installing various concrete curbs, concrete gutter, or concrete curb and gutter at the locations shown on the plans.

2.0 Material Requirements. All materials shall comply with Sec 609.

3.0 Construction Requirements. All work performed shall be done according to Sec 609 and conform to the plan details as directed by the engineer.

4.0 Method of Measurement. All curb, gutter, or curb & gutter shall be measured to the nearest whole linear foot.

5.0 Basis of Payment. Payment for compliance with this provision, including all labor, materials, time and equipment, will be considered completely covered by the following contract item:

Pay Item Number	Description	Unit
609-99.03 {1}	Modified Curb and Gutter Type B, 6 In	L.F.
609-99.03 {2}	Modified Curb and Gutter Type B, 12 In.	L.F.
609-99.03 {3}	Modified Curb and Gutter Type B, 24 In.	L.F.
609-99.03 {4}	Modified Curb and Gutter Type B, Mountable Curb 4 In.	L.F.

P. Pavement Patching

1.0 Description. This work shall consist of saw cutting, removing pavement, aggregate base, and pavement patching, as shown on the plans, according to Section 613.10 for Pavement Repairs of the MoDOT Standard Specifications, and as directed by the Engineer.

2.0 General. Saw cutting, removals, base preparation, and all other work required to complete a full depth pavement patch according to Section 613.10 of the MoDOT Standard Specifications and as indicated on the plans is required.

2.1 Delete Section 613.10.3, these items will not be measured separately for payment, the cost for these items shall be considered as included in the cost for this pay item.

3.0 Basis of Payment. This work will be paid for at the contract unit price per square yard for PAVEMENT PATCHING.

Q. Curb Inlet

1.0 Description. This work covers the furnishing and installation of MSD standard single street inlets and double untrapped street inlets

1.1 CURB INLET Shall be in accordance with Sheet 36 of Metropolitan St. Louis District Standard Detail Sheets, latest edition. **DOUBLE CURB INLET** shall be in accordance with Sheet 37 of Metropolitan St. Louis District Standard Detail Sheets, latest edition.

2.0 Material. Material for the inlets shall be as specified in the Metropolitan St. Louis Sewer District Standard Construction Specifications for Sewers and Drainage Facilities, latest edition.

3.0 Construction Requirements. The curb inlets are MSD standard drainage structures and shall be constructed in accordance with the latest Missouri Standard Specifications, Section 731 and as detailed in the Metropolitan St. Louis District Standard Detail Sheets, latest edition.

4.0 Basis of Payment. This work shall be paid for at the contract unit price per each for CURB INLET or DOUBLE CURB INLET. The contract unit price shall be considered as full compensation for all labor, equipment, materials, or other construction involved to complete the work. No direct pay for reinforcement, steps, inlet sill, stone, mortar, dowels, pipe joint material, granular backfill, Class 3 Excavation, cover or other incidental items necessary to complete this work. This job special provision will apply to the following contract numbers:

Pay Item Number	Description	Unit
614-99.02 {1}	Curb Inlet	EACH
614-99.02 {1}	Double Curb Inlet	EACH

R. Gutter Check

1.0 Description. This item shall consist of constructing, maintaining, and removing gutter checks placed in the flowline of the gutters as shown on the plans, according to Section 806 of the Standard Specifications, and as directed by the Engineer.

2.0 Construction Requirements. Gutter checks shall be constructed of materials as described in Section 806, and shall be installed and maintained according to the manufacturer's requirements, and as directed by the Engineer.

3.0 Basis of Payment. This work shall be paid for at the contract unit price per each for GUTTER CHECK, which price shall include furnishing, placing, installing, and maintaining the gutter check for the duration of the project. The unit price shall also include removal of the gutter checks upon completion of the project.

S. Luminaire LED-A, 120 V Compatible

1.0 Description. This work shall consist of furnishing and installing LED Top Mounted Luminaires as indicated in the plans for mast arm lighting and pole mounted luminaires.

2.0 Construction Requirements. Luminaires shall be vertical top mount type (pole top mount) with a slip-fitter that accommodates a standard 2" top mount. Available types are listed on the MoDOT approved products list and must meet all MoDOT Specifications along with additional requirements noted in the additional sections below. The contractor shall coordinate the pole top mount size with the luminaire mount to ensure compatibility. All luminaires for this project shall allow for a tilt angle to be adjusted in the field dependent upon the placement of the pole. All necessary mounting brackets and hardware shall be included in the payment for the luminaire.

2.1 LED luminaires shall not be equipped with a Photo Control Receptacle.

2.2 LED Luminaires shall have a terminal block for easy installation of a two wire Line/neutral circuit (no wire nuts for termination of field/luminaire circuit).

2.3 LED luminaires shall have an easy access point for future repairs to the driver.

2.4 LED luminaires shall have pole adaptors which are capable of feeding wires through without disassembling the knuckle.

3.0 Basis of Payment. Payment for furnishing and installing top mounted luminaries shall include all materials, equipment, tools, labor, and work incidental thereto, and shall be considered completely covered by the contract unit price for item "Luminaire, LED-A, 120 V Compatible", per each.

T. 120 V Power Supply Cabinet With UPS

1.0 Description. This work shall consist of furnishing and installing a single meter combination 120 Volt signal & mast arm lighting power supply, Myers® Battery Backup system with network connected Uninterruptible Power Supply system (UPS) controller, and two-circuit type lighting control station. Service pedestals available with lighting control, UPS distribution module, inverter, and component assembly as illustrated on the plan sheets. Other materials not provided by Myers or their vendor shall be listed in the MoDOT approved products list.

2.0 UPS Location and Cabling. UPS system shall be installed separate from the signal cabinet and shall be installed in the same cabinet as the power supply and lighting control station. In addition to the power cables from the UPS to the signal cabinet, the Contractor will route and connect a CAT-5 cable between the UPS RJ-45 port and the Ethernet switch in the signal cabinet. The Contractor shall also install a 7-conductor serial cable and make connections from the UPS to the back panel in the signal cabinet. The On-battery contact on the inverter should be programmed to energize when the UPS provides battery backup. The normally open contact should be wired to provide logic ground to pin 17 on the D- Panel when the UPS is in battery backup mode. This should indicate a Special Status 2 alarm in the signal controller alarm screen. The Low Battery contact on the inverter should be programmed to energize when the UPS drops below a preset voltage level (set at 40 %). The normally open contact should be wired to provide logic ground to pin 18 on the D Panel when the UPS is in Low Battery mode. This should indicate a Special Status 3 alarm in the signal controller alarm screen. The Timer #1 contact on the inverter should be programmed to energize after the UPS is in inverter mode for 3 hours. The normally closed contact should be wired in series with CVM to allow for the circuit to open after 3 hours and bring the signal to flash. The CAT-5 cable

and serial cable will be run in a separate conduit from the power cables into the cabinet. All conduits will be internal and not visible from the exterior of either the UPS or signal cabinet. The Contractor shall verify all control wiring with the manufacturer of the traffic signal cabinet assembly for accuracy and compatibility and perform test to ensure proper operation.

2.1 UPS Components and System Assembly. The approved aluminum combination service pedestal shall be specified by the Contractor to include a pre-assembled and pre-wired UPS component assembly from the service pedestal manufacturer in accordance with the wiring diagram and layout provided in the plans. This assembly shall include an approved pre-wired 120 V Inverter w/ Ethernet. The Contractor shall additionally furnish and install a 48V battery charge management system, , four (4) 79Ah sealed maintenance-free batteries with wiring harness, battery heater mat set, auxiliary breakers, wiring, and any additional hardware necessary to bring the unit to its intended operation as indicated in the plans and by the direction of the engineer. All shall be fully compatible and fully supported by the UPS inverter manufacturer's warranty. A NEMA L14- 30R generator plug shall be externally accessible by a separate lockable door.

2.2 UPS Batteries. The batteries for the UPS system shall meet the following requirements:

- 2.2.1** The batteries shall be Absorbent Glass Mat type specifically designed for outdoor use.
- 2.2.2** The batteries shall be designed for "Float Service" to provide 100% out- of-box runtime capacity.
- 2.2.3** Each battery shall be rated to provide a typical run time of 196 minutes.
- 2.2.4** The batteries shall have a five (5) year full replacement, non-prorated warranty.
- 2.2.5** The battery shall be 12VDC.
- 2.2.6** The batteries shall be connected to provide 48VDC.
- 2.2.7** Batteries for each location shall provide full power for all devices shown on the plans that are powered through the signal cabinet for three (3) hours and then send the signal into all red flash and power that state for an additional three (3) hours.

2.3 Battery Heater Mats. The battery heater mats shall meet the following requirements:

- 2.3.1** The battery heater mats shall be available in four (4) battery and single (1) battery sizes.
- 2.3.2** The single battery heater mat shall allow for a Master-Slave configuration so two (2) or more mats can be ganged together.
- 2.3.3** The battery heater mats shall plug into a 120VAC/5-15 receptacle.
- 2.3.4** The battery mats shall be thematically controlled, turning ON at 5°C and turning OFF at 15°C.
- 2.3.5** The battery mats shall be thermally fused for 82°C to prevent thermal runaway.

3.0 Construction Requirements. Construction requirements shall conform to Sec 902. Any exceptions to these requirements will be approved by the engineer before system installation. The contractor shall program the UPS controller for connection and communication on the GGL network. IP addresses and associated network information will

be provided during construction by the Engineer. Alarms per the Engineer shall be programmed by the contractor. Acceptance of the complete UPS system shall not occur until communication and alarm configurations have been tested to the satisfaction of the Engineer.

4.0 Basis of Payment. Payment for furnishing and installing pad mounted combination units shall include all excavation, materials, coordination with and connection to utility company facilities, equipment, tools, labor, and work incidental thereto, and shall be considered included in the contract unit price for Pay Item No. 902-86.21 "120 V Power Supply Cabinet W/UPS", per each.

U. Network Connected Signal Monitor

1.0 Description. This work shall consist of furnishing, installing and putting into operation an Ethernet-connected malfunction management unit (MMU), EDI model MMU2-16LEip, at the intersection per plans.

2.0 Construction Requirements.

2.1 Requirements. Construction requirements shall conform to Sections 902 and 1092.

2.2 Acceptance Testing. Contractor shall demonstrate that all network-connected monitors are remotely communicating and individually addressable via supplied software at either St. Charles County or City of Lake Saint Louis facilities, where applicable. No direct payment will be made for this testing.

3.0 Basis of Payment. All labor, material and equipment required to comply with this provision above shall be included in the cost for Pay Item No. 902-99.02, "Network Connected Signal Monitor", per each.

V. APS System (Intersection)

1.0 Description. This work shall consist of installing Polara® iNavigator audible Accessible Pedestrian Signal (APS) units with pushbuttons and signing on the signal poles, at all locations where pedestrian pushbuttons are shown on the plans. All APS units shall meet the requirements of the current editions for the Manual on Uniform Traffic Control Devices (MUTCD) and Public Rights-of-Way Accessibility Guidelines (PROWAG).

2.0 Equipment.

2.1 APS Unit Housing. All APS unit components shall be weatherproof and of sturdy design, and in complete accordance with manufacturer specifications. The entire assembly shall be weather tight, secure against electrical shock, and able to withstand continuous frequent usage.

2.2 Electrical Requirements. The APS shall operate with systems providing 95 to 130 VAC, 60 Hz and throughout an ambient air temperature range of -29 to +160 °F (-34 to +70 °C).

2.3 Walk Indications. Accessible pedestrian signals shall have both audible and vibrotactile walk indications.

2.4 Vibrotactile. Vibrotactile walk indications shall be provided by a tactile arrow on the pushbutton that vibrates during the walk interval. Tactile arrow shall be located on the pushbutton that vibrates during the walk interval. Tactile arrow shall be located on the pushbutton, have high visual contrast (light on dark or dark on light), and shall be aligned parallel to the direction of travel on the associated crosswalk.

2.5 Audible. Accessible pedestrian signals shall have an audible walk indication during the walk interval only. The audible walk indication shall be audible from the beginning of the associated crosswalk.

2.6 Pushbutton Signage. In addition to standard pedestrian sign requirements, all pushbuttons for the locations mentioned in 1.0 shall have additional signage to indicate crosswalk direction by use of a tactile arrow and the name of the street containing the crosswalk served by the audible pedestrian signal. The sign shall be located immediately above the push button mechanism and parallel to the crosswalk controlled by the button. The street name shall be the name of the street or reasonable abbreviation whose crosswalk is controlled by the push button. Signage shall comply with ADA Accessibility Guidelines (ADAAG) 703.2 specifications for Braille and raised print.

2.6.1 Arrow. Signs shall include a tactile arrow aligned parallel to the crosswalk direction. The arrow shall be raised 0.8 mm (.03 inch) minimum and shall be 50 mm (2 in.) minimum in length. The arrowhead shall be open at 45 degrees to the shaft and shall be 33 percent of the length of the shaft. Stroke width shall be 10 percent minimum and 15 percent maximum of arrow length. The arrow shall contrast with the background.

2.6.2 Street Name. Accessible Pedestrian Signals (APS) shall include street name information aligned parallel to the crosswalk direction and shall comply with Revised Draft Guidelines for Accessible Public Rights-of-Way R409.3 or shall provide street name information in audible format.

3.0 Performance.

3.1 Audible Locator Tone. Locator tone that tells the pedestrian that the intersection is equipped with APS and where it is. Pushbutton locator tones shall have duration of 0.15 seconds or less and shall repeat at 1-second intervals. Pushbutton locator tones shall be intensity responsive to ambient sound and be audible 6 to 12 feet from the pushbutton, or to the building line. The locator tone shall operate during the DON'T WALK and flashing DON'T WALK intervals only and shall be deactivated when the pedestrian signal is not operative.

3.0 Verbal Wait Message. Acknowledge tone that tells the pedestrian that they have placed a call and informational message that tells the pedestrian to "Wait to cross" street name at intersecting street name.

3.1 Verbal Walk Message. The verbal messages shall provide a clear message that the walk interval is in effect, as well as to which crossing it applies. If available, the audio tone feature will not be used. The verbal message that is provided at regular

intervals throughout the timing of the walk interval shall be the term “walk sign,” which will be followed by the name of the street to be crossed.

3.2 Volume. Automatic volume adjustment in response to ambient traffic sound level will be provided up to a maximum volume of 100 dB. The units shall be responsive to ambient noise level changes up to no more than 5 dB louder than ambient sound. Tone or voice volume measured at 36 inches from the unit shall be 2dB minimum and 5dB maximum above ambient noise level. At installation, signal system is to be adjusted to be audible at no more than 5 to 12 feet from the system.

4.0 Documentation and Support.

4.1 Two copies of the operation and maintenance manuals for each station shall be included.

4.2 The City of Lake Saint Louis shall be furnished with a certification from the equipment manufacturer stating that the equipment furnished under this specification complies with all provisions of this specification. If there are any items that do not comply with this specification, then a list of those exceptions must be detailed on the certification.

5.0 Construction Requirements.

5.1 Construction requirements shall conform to Sec 902, 1061, and 1092.

5.2 Each pedestrian pushbutton shall be mounted 42” above the adjacent pedestrian path and be accessible within a maximum unobstructed side-reach distance of 10”. If the 10” side-reach distance cannot be met, the Contractor shall either install an extension for the pushbutton or reconstruct the landing/curb area to meet this. If an extension is used, the button or extension shall not extend beyond a vertical plane at the edge of the pedestrian route. The exact solution will be determined by the Engineer. There will be no direct payment for installing an extension or reconstruction.

5.3 The Contractor shall be responsible for programming each APS unit to the satisfaction of the City of Lake Saint Louis and the Engineer.

5.4 The City of Lake Saint Louis reserves the right to modify any and all volume settings based upon field conditions, within specified limitations outlined in the MUTCD and PROWAG. During the programming and installation of the proposed APS units, the Contractor shall ensure that a representative of the City of Lake Saint Louis is present to approve the volume settings of each APS unit.

6.0 Payment. This work shall include the provision of all labor, equipment, and materials necessary to provide a complete APS unit for each pushbutton location, including but not limited to: central processing unit, cabling, adaptors, installation/mounting hardware, pedestrian information signs, APS pushbutton assemblies, APS programming and shall be considered included in the contract unit price for Pay Item No. 902-99.02 “APS System (Intersection)”, per each.

W. Drill Pullbox

1.0 Description. This work shall consist of drilling opening(s) in the existing pull boxes as shown on the plans. The number of openings to be drilled is indicated on the signal plan sheets. The size of opening shall be drilled only to accommodate the size of conduit; remainder of opening to be filled with waterproof material prior to backfilling the area. Upon completion of the conduit work, the pull box shall be adjusted to the finished grade.

2.0 Basis of payment. All costs for materials, equipment, labor, and installation shall be included in the cost for Pay Item No. 902-99.02, "Drill Existing Pullbox", and be paid at the contract unit price, per each.

X. Conduit

1.0 Description.

1.1 Furnish and install conduits as shown on the plans and as described within this section. The plans depict conduit routing in schematic form only. Determine final routing based on actual field conditions at each site, including utility locator service markings, to assure no conflicts with existing utilities.

1.2 Inspect the project area prior to submittal of bid to determine the types and extent of incidental removal, relocation and replacement items to include in the unit price of conduit and pull boxes.

2.0 Material

2.1 Conduits shall meet the requirements of current MoDOT Standard Specifications.

2.2 Non-metallic rigid conduit shall be color coded orange for communication cable and black for power cable.

2.3 Pull ropes or tapes shall be polypropylene with a minimum tensile strength of 600 pounds. Pull ropes or tapes are incidental to the cost of conduit.

2.4 Locator wire shall be stranded copper wire, AWG 14, type THHN, with blue insulation, and is incidental to the cost of the conduit.

2.5 4 Inch, rigid, steel conduit shall be used for installation within any railroad rights of way as indicated in the plans.

2.6 2 Inch, rigid, steel conduit shall be used for building entries as indicated in the plans.

3.0 Construction Requirements.

3.1 General. The contractor shall comply with Sec 902.16, except as noted in this special provision.

3.1.1 Warning tape shall be furnished and installed in all trenches containing conduit.

3.1.2 Pull ropes shall be furnished and installed in all empty conduit cells.

3.1.3 Install locator wire in all underground non-metallic conduits and into each pull box or base. Affix the wire to the sidewall of each pull box. Locator wire is incidental to the conduit and will not be paid for separately.

3.1.4 Non-metallic duct shall not be spliced. All runs shall be continuous.

3.2 Directional Drilling.

3.2.1 Preliminary Site Work. Determine all utility locations near the path of the proposed bore, including depth. Use this information to avoid damage to utilities and/or facilities within the work area. Provide this information, including the sources, to the engineer a minimum of five working days prior to boring. Do not bore until the engineer approves that submittal. Prior to boring, expose all utilities for which it is customary and safe to do so.

3.2.2 Boring. The diameter of the drilled hole shall conform to the outside diameter of the conduit as closely as practical. Pressure grout, as directed by the engineer, to fill any voids which develop during the installation operation. Remove and replace any conduit damaged in directional drilling operations at no expense to the project.

3.2.3 Drilling Fluids. The use of water and other fluids in connection with the drilling operation will be permitted only to the extent necessary to lubricate cuttings. Jetting will not be permitted, and the use of water alone as a drilling fluid will not be permitted. Use a drilling fluid/slurry consisting of at least 10% high grade, processed Bentonite to consolidate excavated material, seal the walls of the hole, and furnish lubrication for subsequent removal of material and immediate installation of the pipe.

3.2.4 Provide a means of collecting and containing drilling fluid/slurry that returns to the surface, such as slurry pit, or a method approved by the engineer. Provide measures to prevent drilling fluids from entering storm sewer systems. Prevent drilling fluid/slurry from accumulating on or flowing onto sidewalks, other pedestrian walkways, driveways, or streets. Immediately remove any slurry that is inadvertently deposited on pedestrian walkways. Transport waste drilling slurry from the site and dispose of it. Do not allow slurry to enter wetlands. Protect wetlands using appropriate soil erosion control measures approved by the engineer.

3.2.5 Drilling Control. Use a digital walkover locating system to track the drill head during the bore. At minimum, the locating system shall be capable of determining the pitch, roll, heading, depth, and horizontal position of the drill head at any point along the bore. During each drilling operation, locate the drill head every 10 feet along the bore and prior to crossing any underground utility or structure. Upon completion of the drilling operation and conduit installation, furnish the engineer with an as-built profile drawing and plan drawing for the drilled conduit showing the horizontal and vertical locations of the installed conduit.

3.4 Wall and Building Penetrations. Penetrations of existing concrete retaining walls or buildings shall be performed by the drilling, or other approved construction means, of an opening with a minimum diameter of 1 inch greater than the outside diameter of the conduit(s) to be inserted through the wall. Reinforcing bars shall be located on the fill face of any retain walls using non-destructive scanning techniques. Openings shall be located to avoid cutting or otherwise damaging reinforcing bars on the fill face side of retaining walls or damaging structural elements or equipment within buildings. Sufficiently remove any rough edges from the wall or building opening to prevent damage to the conduit(s). The penetrations shall be filled with a Type III epoxy grout conforming to Sec 1039. The cost of wall and building penetrations will be considered incidental to the unit price of conduit.

3.5 Install Conduit into Existing Pull Box. Where indicated on the plans, install a proposed conduit into an existing pull box. No direct payment will be made for installing conduit into an existing pull box.

3.5.1 Carefully expose the outside of the existing pull box without disturbing any existing conduits or cabling.

3.5.2 Drill the appropriately sized hole for the entering conduit at a location within the pull box that will not disturb the existing cabling, and that will not hinder the installation of new cabling within the installed conduit.

3.5.3 Fill any void area between the drilled hole and the conduit with an engineer approved filling material to protect against conduit movement and the entry of fill material.

3.5.4 Backfill shall be carefully tamped in place. All disturbed areas shall be restored in accordance with the provisions of GGL SP Section 8.

3.6 ITS Pull Boxes. ITS Pull boxes shall be installed per plan and as required to allow the successful installation of the fiber cables per manufactures recommendations. ITS Pull Boxes at traffic signal locations, building penetrations, or Cross-Connect cabinets shall be Class 5. ITS Pull Boxes in-line on conduit run shall be Class 2. All pullboxes housing fiber cable only shall include a concrete apron as shown in the plans, or be placed within sidewalk pavement.

3.6.1 All pull boxes shall be affixed with a permanent label identifying the function of the pull box and the maintaining agency (ie "City-GGL Fiber Optic"). Material, method, and legend of labeling shall be approved by the engineer.

3.6.2 All pull boxes installed within sidewalks or raised paved shoulders shall be installed flush with the surrounding pavement, with slip-resistant cover, allowing for ADA- compliant pedestrian path. Any sidewalk pavement removed and replaced shall be incidental to the cost of the conduit.

4.0 Shop Drawing Submittal Requirements.

4.1 Contractor shall develop shop drawings illustrating the material and method for externally mounting rigid conduit on bridge structures or retaining walls for new conduit segments along various routes. These shop drawings shall be submitted to the Engineer for review and approval. Contractor shall include in the bid time for two sets of revisions to the shop drawings to incorporate Engineers review comments. Final shop drawings and calculations showing support system design shall be signed and sealed by a Professional Engineer registered in the State of Missouri. Contractor shall provide Engineer with a copy of the approved final shop drawings in MicroStation format.

4.2 Catalog cuts shall be provided for all conduit types.

5.0 Basis of Payment.

5.1 Conduit may be installed by either directional boring or trenching regardless of how installation is shown on the plans based on Contractors preferred method of installation, unless specifically noted on the plans due to some specific installation limitations. All conduit shall be paid for at the unit rate per the Bid Items below regardless of installation method.

5.2 The pay items for conduit are:

Item No.	Type	Description
910-52.00	LF	Conduit, 2 In., Rigid, In Trench
910-72.01	LF	Conduit, 2 In., Rigid, Pushed
910-88.11	EA	Pullbox, Preformed, Class 2
910-88.16	EA	Pullbox, Preformed, Class 5

Y. Network Switch

1.0 Description. This work shall consist of furnishing and installing a field hardened layer 2 Ethernet switch at each cabinet as shown in the plans. The Ethernet switch shall be a Cisco IE 3300-8T2S model or approved equivalent.

2.0 Materials. The Ethernet switch shall be rated for outdoor use exposed to extended temperature, vibration, and surge ranges. The switch shall be mountable to a DIN rail on the side rail within the interior of the cabinet. The Contractor shall provide all materials to connect the Ethernet switch to the existing fiber optic network, including power supplies, mounting hardware, Cat6 cables, fiber jumpers, and any other items necessary.

3.0 Construction Requirements. The Contractor shall install the switch such that it is easily accessible by maintenance staff. No items should be pinched, crimped, or otherwise compromised as part of the permanent installation. The cables connecting to the switch shall be outdoor rated, labeled with current use, and neatly tied to cable wraps on solid rails, shelves or walls.

4.0 Basis of Payment. All labor, material and equipment required to comply with this provision above shall be included in the cost for Pay Item No. 910-99.02, "Network Switch", and be paid at the contract unit price, per each.

Z. Fiber Optic Cable and Connections

1.0 Description. This work shall consist of installing, splicing and terminating fiber optic cables. All work and materials shall comply with Section 902.12.6 of standard specs as modified by the following.

2.0 Materials.

2.1 Cable. Fiber optic cable shall be of loose tube construction. Provide certification by an independent testing laboratory that the cable meets all requirements of Rural Utilities Service Bulletin 1753F-601a Minimum Performance Specification for Fiber Optic Cables (http://rurdev.sc.egov.usda.gov/SupportDocuments/UTP_Bulletins_1753F-601a.pdf). The cable shall be gel free, all dielectric, and have 12 fibers per tube. The cable sheath shall have length markings in feet and shall indicate that the unit of measure is feet. The cable shall have single mode fibers whose attenuation does not exceed 0.35 dB/km and 0.25 dB/km for 1310 nm and 1550 nm signals, respectively. The cable shall have a short-term tensile rating of at least 600 lbs. The cable shall have an operating temperature range of -40° C to 70° C. The optical fibers used

in the cable shall meet or exceed the International Telecommunication Union ITU-T G.652.D requirements.

2.1.1 The cables shall be constructed with 12 fibers per tube, 6 tubes per cable (72 SMFO), or 12 fibers per tube, 4 tubes per cable (48 SMFO), or 12 fibers per tube, two tubes per cable (24 SMFO), or as 12 fibers per tube, one tube per cable (12 SMFO).

2.2 Connector. Connectors shall be LC type, with ceramic ferrules. They shall be suitable for use in traffic cabinets and shall be designed for single mode fibers.

2.3 Pigtail. Pigtails shall be factory-made, buffered, and strengthened with aramid yarn to reduce the possibility that accidental mishandling will damage the fiber or connection. Pigtails shall be yellow. Each must contain one fiber. Length shall suffice to provide two feet of slack after installation. No direct payment for pigtails will be made and will be subsidiary to cabinet and fiber bid items.

2.4 Jumper. Jumpers shall meet the requirements for pigtails but shall have a connector on each end. Length shall suffice to provide approximately five feet of slack after installation. Jumper cables contain a pair of fibers. Quantities shown in the plans for fiber optic jumpers were estimated to the best knowledge of the design engineer and have a built-in 20% contingency.

2.5 Splice Trays or Cassettes. Contractor shall be responsible to provide splice trays or cassettes that allow field connection of terminations as shown in the plans. Splice trays shall be aluminum with clear plastic covers, designed for outdoor use. Each tray shall accommodate 24 fusion splices. The trays shall have a black powder coat finish. The trays shall have both perforations for cable ties and crimp able metal tabs for buffer tube strain relief.

2.5.1 Splice cassettes shall support fusion splicing of individual or ribbon fibers, with heat shrinks, pigtail slack and cable slack managed within a single space. The cassette shall have a modular design to allow access to the fibers in each individual cassette without disturbing the other fibers in the housing. Cassettes shall be provided with all adapter configurations and mounting rails as needed for splicing and installation in the cabinet.

2.5.2 No direct payment will be made for splice trays or cassettes and will be subsidiary to cabinet and fiber bid items.

2.6 Rack-Mounted Interconnect Center. An interconnect center is an Equipment Cabinet that has a patch panel built into one of its walls. Within the interconnect center, fibers in cables are spliced to pigtails and the pigtails are plugged into the patch panel from the inside. This allows jumper cables (not part of the interconnect center) to plug into the patch panel from the outside, connecting the fibers to equipment in the cabinet or to other fibers on the patch panel. Within an interconnect center, some fibers may be spliced to the corresponding fiber in a mating cable, rather than to a pigtail. Other fibers may be coiled, unterminated.

2.6.1 The enclosure shall have brackets and all other hardware required for rack mounting in an EIA standard 19-in. equipment rack. It shall take up no more than three rack units (1¾ inch each) in the cabinet. It shall have front and rear doors. It shall be made of powder-coated aluminum.

2.6.2 The enclosure shall hold at least four splice trays or cassettes meeting the requirements of Sec 2.5 of this provision. Contractor shall provide enough trays for all splices made in the interconnect center. The enclosure's patch panel shall have at least 48 positions or as indicated on the plans, compatible with the connectors specified in Sec 2.2 of this provision. It shall have

provisions for cable strain relief and for connector labeling. No direct payment for rack mounted interconnects centers will be made and will be subsidiary to cabinet and fiber bid items.

2.7 Wall-Mounted Interconnect Center. The enclosure shall be designed for wall or panel mounting and occupy no more than 350 square inches of wall space. It shall be made of powder coated aluminum and have a gasketed, hinged door. It shall have provisions for cable strain relief and connector labeling. Enclosure shall be a Corning WCH-04P or pre-approved equal.

2.7.1 It shall have a patch panel that holds 4 panels or more as indicated on the plans, compatible with the connectors specified in Sec 2.2 of this provision. It shall accommodate at least six splice trays or cassettes as specified in Section 2.5 of this provision and shall be equipped with enough trays for all the splices made in the interconnect center.

2.8 In-ground Splice Enclosure. In-ground (underground) splice enclosures shall provide capacity for 144 fiber splices unless otherwise noted in the plans. Enclosure shall be: suitable for outdoor applications with a temperature range of -30 to 60 degrees Celsius, protect splices from moisture and damage, non-reactive and not support galvanic cell action, waterproof, re-enterable, sealed with a gasket, permit selective splicing to allow one or more fiber strands to be cut and spliced without disrupting other fibers, equipped with a basket to accommodate the slack from all fibers routed into the enclosure, capable of holding splice trays from various manufacturers, input/output capacity of four 18 mm cables, equipped with a termination block to terminate the central strength members of the fiber optic cables.

2.8.1 Splice trays shall be: compatible with fiber splices and splice enclosure, equipped with polyethylene tubes to protect exposed individual fibers within the enclosure, stackable within the splice enclosure. Vinyl markers shall be supplied to identify each fiber to be spliced. Each splice shall be individually mounted and mechanically protected on the splice tray. Loose tube buffers shall be secured with a tube guide or channel snap. Slack fiber shall be placed in an oval shape along an inside wall of the tray.

2.9 Certifications. The fiber optic cable shall be factory certified to meet the requirements in this specification. In addition, the manufacturer shall certify that the fiber optic cable has a life expectancy of 20 years.

2.10 Tracer Wire. A jacketed #14 AWG XHHW-2 standard blue tracer wire (also known as the locator wire) shall be provided in the conduit within the project limits unless it exists.

2.11 Documentation. Provide the GGL board, and the individual GGL Agency having jurisdiction, with a copy of the final as-built documentation in Visio and/or MicroStation formats and any relevant notes that would aid in the understanding of the fiber configuration.

3.0 Construction Requirements.

3.1 Cable Installation. Prior to installation, perform such tests as indicated in Sec 3.6 of this provision to confirm that the cable is in good condition and complies with the specifications. Any defects found after installation will be deemed the fault of the contractor.

3.1.1 Install the cable such that the optical and mechanical characteristics of the fiber are not degraded. Do not violate the minimum bend radius or the maximum tension, both during and after installation.

3.1.2 Before any cable installation is performed, provide the Engineer with four copies of the cable manufacturer's recommended maximum pulling tensions for each cable size. These pulling tensions shall be specified for pulling from the cable's outer jacket. Also, provide a list of the minimum allowable cable bending radius and the cable manufacturer's approved pulling lubricants. Only those lubricants approved by the cable manufacturer will be permitted.

3.1.3 If the cable is pulled by mechanical means, use a clutch device to ensure the allowable pulling tension is not exceeded. Also, attach a strain gauge to the pulling line at the cable exit location, and at a sufficient distance from the take-up device, such that the strain gauge can be read throughout the entire cable pulling operation.

3.1.4 Do not leave the let-off reel unattended during a pull, in order to minimize the chance of applying excess force, center pull, or back feeding.

3.1.5 Use an approved lubricant, in the amount recommended by the cable manufacturer, to facilitate pulling the cable. After the cable has been installed, wipe the exposed cable in a pull box, junction box, or field terminal cabinet clean of cable lubricant with a cloth before leaving the pull box, junction box, or cabinet.

3.1.6 In each intermediate pull box, store a minimum of 50 feet of slack fiber optic cable for each cable that passes through the pull box. Store slack cable neatly on the walls of the pull box using racking hardware acceptable to the Engineer. Additional slack cable that is included in the pay quantity includes 50 LF of each cable at a splice point within the GGL or Agency fiber pull box.

3.1.7 Seal the fiber optic cable ends to prevent the escape of the filling compound and the entry of water.

3.1.8 Label every cable immediately upon installation. Label the cables at every point of access, including junction boxes, pull boxes, and termination points. Use self-laminating vinyl labels at least 1.5" wide and long enough that the translucent portion of the label completely covers the white area bearing the legend. The vinyl shall have a layer of pressure sensitive acrylic adhesive. The labels shall resist oil, water, and solvents and shall be self-extinguishing. The legend shall be machine printed in letters at least 3/32" high. Consult with the Engineer concerning the desired method of identifying each cable. Labeling cables is incidental to the installing the cable and will not be paid separately.

3.2 Splicing. Splice all optical fibers, including spares, to provide continuous runs.

Splices shall be allowed only in equipment cabinets and splice enclosures except where shown on the plans.

3.2.1 Make all splices using a fusion splicer that automatically positions the fibers using either the Light Injection and Detection (LID) system or the High-resolution Direct Core Mounting (HDCM) system. Provide all equipment and consumable supplies.

3.2.2 Secure each spliced fiber in a protective groove. Completely re-coat bare fibers with a protective room temperature vulcanizing (RTV) coating, gel or similar substance, prior to insertion in the groove, so as to protect the fiber from scoring, dirt or micro bending.

3.2.3 Prior to splicing to a fiber installed by others, measure and record the optical loss over that fiber. See Sec 3.6 of this provision.

3.2.4 Use a different splice tray for each buffer tube color. If an enclosure contains multiple buffer tubes of the same color, but none of the fibers in one of the tubes are spliced to fibers in other tubes of the same color, use a separate splice tray for that tube.

3.2.5 Splicing quantities were estimated to the best of the design engineer's knowledge and the quantity listed in the plan quantities has a built in 20% contingency.

3.3 Terminations. Terminate fibers by splicing them to factory-made pigtails.

Cap all connectors that are not connected to a mating connector. If the existing termination panel does not have the capacity to conform to the project documents and specifications, it is the contractor's responsibility to replace or expand the termination panel at no additional cost to the project. Pigtails are subsidiary to this bid item.

3.3.1 Termination quantities were estimated to the best of the design engineer's knowledge and the quantity listed in the plan quantities has a built in 20% contingency.

3.4 Jumper Management. Use spiral wrap to guide and protect bundles of jumpers between the patch panel and equipment. Affix the spiral wrap to the wall of the field terminal cabinet or vertical member of the rack. Label the jumpers at each end, numbering them sequentially.

3.5 Acceptance Testing

3.5.1 General. Test the fiber after installation, including all splicing and terminations. For each fiber optic link terminated at the field terminal cabinet patch panels, determine whether the optical loss is within the limits permitted by these specifications. A link is a continuous segment of fiber between one connector (or unterminated end) and another connector (or unterminated end).

3.5.2 Test Procedure. For each fiber link, follow this procedure:

3.5.2.1 For each fiber link, the Contractor shall test one fiber strand per each tube of the fiber cable. If any individual fiber in a tube is found to be broken or nonfunctioning, the Contractor shall test at a minimum two (2) additional random fibers from the same tube to confirm that the fiber acceptance issue is not widespread. If additional fibers in tube are found to be deficient, corrective measures, including replacement of the cable through the identified trouble segment, may be required at the Engineers discretion, at no additional cost to the project.

3.5.2.2 Calculate the maximum allowable losses for the contractor installed fiber link, both at 1310 nm and at 1550 nm. Use the following formula:

Maximum link loss = (Fiber length in km) x (0.35 for 1310 nm and 0.25 for 1550 nm) + (Number of fusion splices) x (0.05) + (Number of mechanical splices [for temp. connection]) x (0.3) + (Number of connections) x (0.5).

Provide this calculation to the engineer along with the test results.

3.5.2.3 Provide the engineer documentation that the optical time domain reflectometer to be used in testing has been calibrated and is working properly.

3.5.2.4 Use an optical time domain reflectometer to assess the losses along the contractor furnished and installed fiber paths. Record the result at both 1310 nm and 1550 nm. Arrange for the engineer or his representative to witness these tests.

3.5.2.5 Use an optical time domain reflectometer and other test equipment to troubleshoot the link. Take whatever corrective action is required, including cable replacement, to achieve a loss less than the calculated maximum.

3.5.3 Test Result Documentation. Contractor shall prepare a line diagram showing each of the fiber links and the individual strands tested in this project. For the cables installed in this project, preparer shall show the field terminal cabinets, splices, and pigtails. On each line representing a link or fiber strand, show the maximum allowable loss and the actual loss. The actual loss shall be the one measured after all corrective actions have been taken. Submit this diagram to the Engineer, along with the calculations for the maximum allowable loss. Submit the diagrams and calculations in an electronic format acceptable to the Engineer.

4.0 Basis of Payment

4.1 Measurement and payment for items covered by this specification include the documentation and acceptance testing, in addition to all materials and equipment necessary for a fully operational system.

4.2 Payment for the fiber optic cable, fusion splices, pigtails, and jumpers shall be included in unit price for Pay Item No. "910-99.03, Fiber Optic Cable, 72 SM", LF.

AA. Powder Coated Equipment

1.0 Description. The contractor shall powder coat all traffic signal poles, related hardware, pedestrian pushbuttons, banding, signal head brackets, lighting poles, bracket arms, luminaire housings and transformer bases. The color shall be Valmont Ebony Black #334 or approved equivalent. The powder coating process shall conform to the following criteria:

2.0 General. The powder coat finish shall consist of a Urethane, Triglycidyl Isocyanurate (TGIC) Polyester Powder.

3.0 Surface Preparation. Prior to being incorporated into an assembled product, steel plates 0.75" or more in thickness shall be blast cleaned when required to remove rolled-in mill scale, impurities and non-metallic foreign materials. After assembly, all weld flux shall be mechanically removed. The exterior steel surface shall be blast cleaned to Steel Structures Painting Council Surface Preparation Specification No. 6 (SSPC-SP6) requirements utilizing cast steel abrasives conforming to the Society of Automotive Engineers (SAE) Recommended Practice J827. The blast method used shall be a recirculating, closed cycle centrifugal wheel system with abrasive conforming to SAE Shot Number S280.

4.0 Interior Coating. Interior surfaces (pole shafts only) at the base end for a length of approximately 2.0' shall be mechanically cleaned and coated with a zinc rich epoxy powder. The coating shall be electrostatically applied and cured in a gas fired convection oven by heating the steel substrate to a minimum of 350 degrees Fahrenheit and a maximum of 400 degrees Fahrenheit.

5.0 Exterior Coating. All exterior surfaces shall be coated with a Urethane or a Triglycidyl Isocyanurate (TGIC) Polyester Powder to a minimum film thickness of 2.0 mils (0.002"). The coating shall be electrostatically applied and cured in a gas fired convection oven by

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heating the steel substrate to a minimum of 350 degrees Fahrenheit and a maximum of 400 degrees Fahrenheit. The thermosetting powder resin shall provide both intercoat as well as substrate fusion adhesion that meets 5A or 5B classifications of ASTM D3359.

6.0 Packaging. Prior to shipment, the equipment shall be packaged appropriately to protect the product from being damaged during transit.

7.0 Basis of Payment. The powder coating and all associated costs shall be considered incidental to the various signal and lighting pay items. No additional payment will be made.

BB. Cooperation Between Contractors

1.0 Description. This contract is one of several projects essential to the overall signal and ITS improvements throughout St. Charles County through the Gateway Green Light program. The contractor shall coordinate the work on this project with other overlapping signal and ITS projects occurring within St. Charles County. Each contractor involved shall so schedule and conduct their work as to avoid unnecessary inconvenience and delay to another and shall conduct their work in such a manner as not to damage work being performed or completed by another.

2.0 Construction Requirements. When necessary for proper prosecution of work, each contractor shall permit the other access through the overlapping construction areas.

3.0 Basis of Payment. No direct payment will be made to the contractor to recover any and all costs required to fulfill the above provisions.

CC. Site Restoration

1.0 Description. Restore to its original condition any disturbed areas at sites including, but not limited to; pull box, conduit, pole base installations and relocated signs. Restoration shall be accomplished by placing material equivalent to that of the adjacent undisturbed area. Disturbed unpaved areas shall be fertilized and seeded and mulched. The Engineer will have the final authority in determining the acceptability of the restoration work.

2.0 Construction Requirements. The contractor shall take special care to minimize the disturbance of the existing ground.

3.0 Basis of Payment. The cost of restoration of disturbed areas, including erosion control during construction, will be incidental to the unit price of conduit, and/or pull boxes. No direct payment will be made for any materials or labor, which is performed under this provision.

DD. Asphalt and Concrete Removal and Replacement For Conduit and Pull Box Installation

1.0 Description. If the contractor elects and receives approval from the engineer for alternate trench and/or pull box locations, any areas of concrete slope protection, sidewalk, pavement, shoulders, islands and medians – as well as any similar improvements consisting of asphaltic concrete materials – removed in conjunction with their construction shall be replaced with improvements of similar composition and thickness. Removals shall be achieved by means of full

depth saw cuts; the resulting subgrade compacted to minimum density requirements and topped with 4 inches of compacted aggregate base course prior to replacement of surface materials. Concrete materials used in their replacement shall be approved by the engineer. A commercial asphalt mix may be used for replacement of asphaltic surfacing upon approval of the engineer.

2.0 Basis of Payment. Unless quantities and pay items for removal and subsequent replacement of improvements are contained in the plans for a specific location of removal work, no direct payment will be made for full depth saw cutting and the removal and subsequent replacement of asphalt or concrete slope protection, sidewalk, pavement, shoulders, islands, medians and the required dowel and tie bars removed and replaced by the contractor as a result of his election to vary the location of conduit runs and pull boxes.

This work will be considered as included in the various unit bid prices for conduit.

EE. Testing

1.0 Description. Verify that equipment is installed and operating in accordance with manufacturer's recommendations. Equipment to be tested includes but is not limited to: fiber optic cable, category 5E cable, RF cable, communication cable, conductors, media converters, communications equipment, Ethernet switches, and modifications to existing signal control cabinets.

1.1 Testing will be limited to new equipment installed at the sites unless existing equipment is noted for upgrade or modification as part of the project.

1.2 For each piece of equipment, contractor shall develop a test plan and submit to the Engineer for review and approval. Modify and resubmit the test plans as directed by the Engineer until approved. Test plan shall incorporate requirements listed herein and manufacturer's testing procedures. Test plans shall clearly demonstrate that the equipment has been installed and is operating in accordance with manufacturer's recommendations. Test plans shall include at a minimum the following: name of the equipment being tested, date of the testing, name of the person(s) performing the testing, pass/fail check boxes for each testing procedure, lines for signature of tester and Engineer's testing witness.

2.0 Materials. Provide test plan, testing equipment, incidental materials, patch and interconnect cables and labor necessary to successfully test and demonstrate that the equipment has been installed and is operating in accordance with manufacturer's specifications and requirements listed herein.

3.0 Basis of Payment. No direct payment will be made to the Contractor to recover the cost of equipment, labor, materials or time required to fulfill this provision.

FF. Maintenance

1.0 Maintenance. Maintain all equipment and cables installed in this project until the equipment has passed all testing requirements specified herein and has operated without problems for a four (4) week continuous operational period, and all work at the specific site is complete including cleanup and labeling. During the four-week operational period, the Engineer may test the device to verify that it is working. If the device is found to have an operational problem, the problem shall be resolved, and the operational period will restart at zero (0) weeks.

2.0 Basis of Payment. No direct payment will be made to the contractor to recover the cost of equipment, labor, materials or time required to fulfill this provision.

GG. Communications Drawings

1.0 Description.

1.1 Contractor is cautioned that the existing “as-built” drawings have not been field verified and the Contractor is responsible for field verifying all existing conditions along the fiber optic path.

1.2 Any changes needed to existing GGL or MoDOT communication plans either discovered or modified by the contractor shall be edited from the original Microsoft Visio files and submitted to GGL or MoDOT in the latest Visio format. If Visio files are not available, the contractor shall remain responsible for providing all communication drawing revisions as needed in existing GGL or MoDOT cabinets. Contractor shall follow all previous plan formatting when making any adjustments.

1.3 MODOT Network: Any new communication drawings needed for any portion of this project that impacts the MoDOT network shall follow the latest MoDOT approved communication plan formatting. The Engineer shall provide examples of the needed formatting detail for contractor’s use. No deviation in formatting shall be allowed on any submitted plans without Engineer approval. Contractor is to use the latest version of Microsoft Visio to develop all communication plans and submit both Visio and PDF files.

1.4 GGL Network: Any new communication drawings needed for any portion of this project that impacts the GGL network shall follow the latest GGL approved communication plan formatting. The Engineer shall provide examples of the needed formatting detail for contractor’s use. No deviation in formatting shall be allowed on any submitted plans without Engineer approval. Contractor is to use the latest version of Microsoft Visio to develop all communication plans and submit both Visio and PDF files.

1.5 At existing standalone cabinets (no connection to external communication) provide cabinet wiring diagrams in Visio formats including the new communications equipment (LAN switch, cellular modem, etc.) installed by this contract in the proper format based on the owning agency of the installation (i.e. either GGL or MoDOT).

1.6 At existing cabinets with connection to external communications, Contractor shall develop shop drawings illustrating the proposed demolition of existing and installation of new network equipment. Shop drawings shall illustrate the removal and reconnection of all existing network cabling. These shop drawings shall be submitted to the Engineer for review and approval. Contractor shall include in the bid time for two sets of revisions to the shop drawings to incorporate review comments. The contractor shall NOT move any cables from port to port on the network without prior approval.

2.0 Basis of Payment. There is no pay item associated with this item. No direct payment shall be made for providing documentation per this provision.

HH. Accelerating the Completion of Closure Work (Incentive/Disincentive Clause) JSP-93-14C

1.0 Description. This provision contains modifications to the standard specifications for accelerating the completion of Lake Saint Louis Boulevard Widening Phase I work as detailed in the plans and as directed by the engineer for the purpose of facilitating increased traffic as a result of new development on the corridor as quickly as possible.

1.1 Unless otherwise stated, specification section references are to the Missouri Standard Specifications for Highway Construction and its supplements in effect at the time of this contract.

2.0 Definition of Terms.

2.1 For this project the following terms are used as defined below:

(a) Closure Time

Closure time is defined as any day or other unit of time, including Saturdays, Sundays and legal holidays, when **the full and complete five-lane section of Lake Saint Louis Boulevard as described in the plans is not open to traffic. This includes days in which two-way traffic is maintained but construction, staging, or traffic control prevent the opening of all five traffic lanes.**

(b) Substantial Completion

Substantial Completion is defined as the stage in the progress of the Project at which **five (5) lanes of Lake Saint Louis Boulevard can be safely opened to public traffic and all work identified below as necessary for Substantial Completion has been completed.**

Substantial Completion shall not be achieved until all earthwork, curb and gutter, storm sewer, drainage structures, pavement bases, and pavement necessary to provide five (5) complete and drivable lanes of Lake Saint Louis Boulevard have been completed and are usable for traffic, and all traffic control devices obstructing public use of the driving surface have been removed or modified as necessary to safely open the roadway to traffic.

In addition, the following work shall be completed prior to achievement of Substantial Completion:

1. Final asphalt wearing surface on all lanes of Lake Saint Louis Boulevard;
2. Pavement markings;
3. Permanent signage installation;
4. Concrete sidewalks;
5. Multi-use paths;
6. ADA-compliant curb ramps;
7. Pavement surfaces for Freymouth Drive and all adjoining connector roads;
8. All traffic control devices and other work necessary to provide the completed roadway configuration and safely accommodate public traffic;
9. Landscaping, including all required seeding, sodding, planting, tree installation, mulching, and other landscape improvements; and
10. Site restoration, including restoration of disturbed areas, shoulders, drainage areas, and other areas disturbed by construction.

Substantial Completion shall mean that **all work necessary to provide the completed five-lane Lake Saint Louis Boulevard improvement, including all items specifically**

identified above, has been completed, except for minor punch-list items that, in the determination of the City and the Engineer, do not materially affect the completed and functional use, appearance, safety, or operation of the Project.

The determination of whether Substantial Completion has been achieved shall be made by the **City and the Engineer** based upon an inspection of the completed work and the ability to safely and continuously open five (5) lanes of Lake Saint Louis Boulevard to public traffic.

Under no circumstances will the closure time bid be allowed to extend actual closure of a portion of Lake Saint Louis Boulevard beyond May 31, 2027.

(c) Average Daily Road-User Cost

The amount shown in the bid, determined by the City, that interference and inconvenience to highway traffic will cost the road-users for each unit of closure time of the Lake Saint Louis Boulevard Phase 1 closure. The average daily road-user cost cannot be changed by the bidder. Bidder and its surety stipulate to the reasonableness and accuracy of that amount and expressly waive any right they may have to contest that amount in any claim, litigation or otherwise. **The average daily road-user cost shall be \$3,500.**

(d) Contract Amount

The total amount bid for all items of work to be performed by the contractor. This amount is the summation of the products of the approximate quantities shown in the bid schedule multiplied by the contract unit price. The contract amount does not include the amount produced by this acceleration of work clause.

3.0 Preparation of Bid.

3.1 In addition to the requirements of [Sec 102.7](#), the bidder shall specify in the bid the closure time which it determines is required to complete the work. The bidder shall show the product of the closure time and the average daily road-user cost in the amount column provided for that purpose. This amount will be added to the contract amount. The sum will be read as the bid total.

3.2 A bidder may alter or correct the units of closure time entered in the bid, provided the bidder follows the same requirements set forth for altering or correcting bid prices in [Sec 102.7.1](#).

4.0 Bid Guaranty. For this project the amount of guaranty required by [Sec 102.9](#) shall be not less than five percent of the contract amount as defined above in 2.1 (c) of these provisions.

5.0 DBE Goal. The DBE contract goal percentage, if any, applies to the contract amount as defined in 2.1 (c) of these provisions.

6.0 Award and Execution of Contract. Delete [Sec 103.1](#) and substitute the following:

6.1 Consideration of Bids. After the bids are opened and the bid totals read, they will be compared on the basis of the contract amount, to which has been added the product of the closure time submitted by the bidder and the average daily road-user cost shown in the bid. This total amount will be used to determine the lowest responsive and responsible bid for the project. The City reserves the right to reject any and all bids including those which, in the sole judgment of the City, contain too few or too many units of closure time.

7.0 Prosecution and Progress.

7.1 Subletting of Contract. For this project the total contract cost referred to in [Sec 108.1.1](#) shall be considered as the summation of the products of the approximate quantities shown in the bid schedule multiplied by the contract unit price.

7.2 Prosecution of Work. Assessment of closure time will begin on the first day after the contractor is provided with notice to proceed.

7.2.1 Prior to beginning work causing lane closure, the engineer may require the contractor to submit a schedule and written narrative for the lane closure work. The schedule shall be provided in accordance with [Sec 108.4](#), or by the Critical Path Method if that is the schedule method specified by the contract. This schedule is required to reflect the effect of all constraints on the lane closure work.

7.2.2 This schedule requirement is in addition to any other schedule requirement of the contract. The cost for this requirement will be considered fully covered by the contract prices for the lane closure work.

7.2.3 The contractor is advised of the following matters which may be constraints upon the lane closure work and effect the schedule, order of work and cost of lane closure work:

1. The availability and practicality of asphalt work in winter months
2. The stipulation to maintain two-way traffic and access to sideroads and entrances at all times.
3. Other potential limitations posed by winter weather.

7.3 Liquidated Damages for Failure or Delay in Completing Work on Time. [Sec 108.8](#) is modified as follows:

7.3.1 If the contractor fails to reach substantial completion on Lake Saint Louis Boulevard in the closure time specified by the bidder the amount shown in the bid as average road-user cost per day will be deducted from the contractor's payment for each unit of closure time, including Saturdays, Sundays and legal holidays more than the closure time bid until such time as substantial completion of Lake Saint Louis Boulevard is reached.

7.3.2 This deduction will be made as liquidated damages from any money due or to become due to the contractor under the contract. The contractor and surety shall be liable for any liquidated damages assessed in excess of any amount due the contractor.

7.3.3 This deduction will continue until such time as substantial completion of Lake Saint Louis Boulevard is reached. Liquidated damages as described elsewhere in the contract will be assessed on any work, excluding work required to open five lanes of Lake Saint Louis Boulevard to traffic, if not complete by May 31, 2027.

7.4 Credit for Completion of Work Ahead of Time. If the contractor reaches substantial completion on Lake Saint Louis Boulevard in less than the closure time specified by the bidder, the amount shown in the bid as average road-user cost per day will be added to the contractor's payment for each unit of closure time, including Saturdays, Sundays and legal holidays less than the closure time specified in the bid.

7.4.1 Computation of this payment will begin on the first full unit of closure time after substantial completion is reached. This credit will be added to the amount of money due or to become due the contractor under the contract. The total amount of this credit shall not exceed ten percent of the original contract amount.

7.4.2 An extension of the closure time may be granted for changes in the work as specified in [Sec 104.3](#) or for excusable, non-compensable and compensable delays as specified in [Sec 108.14](#) only to the extent, as determined by the engineer, they actually affect the then major item of work or the critical path of the work.

7.4.3 In the event of an excusable delay, an extension of the closure time specified by the bidder will not be made for determining any liquidated savings or incentive payment. Further, in the event of an excusable delay, if the contractor completes the work within the closure time specified by the bidder, that shall not constitute a basis to claim acceleration costs in addition to the liquidated savings or incentive that may be earned.

8.0 Measurement and Payment. [Sec 109.2](#) is supplemented by the following:

8.1 Scope of Payment. The average daily road-user cost, shown in the bid, will be used only for bid comparisons and as a deduction from money due the contractor in accordance with Section 7.3, "Liquidated Damages for Failure or Delay in Completing Work on Time", or as a credit for additional money due the contractor in accordance with Section 7.4, "Credit for Completion of Work Ahead of Time", and for no other purpose.

CONTRACT PROVISIONS FOR FEDERAL-AID CONSTRUCTION CONTRACTS

- I. General
- II. Nondiscrimination
- III. Davis-Bacon and Related Act Provisions
- IV. Contract Work Hours and Safety Standards Act Provisions
- V. Subletting or Assigning the Contract
- VI. Safety: Accident Prevention
- VII. False Statements Concerning Highway Projects
- VIII. Implementation of Clean Air Act and Federal Water Pollution Control Act
- IX. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion
- X. Certification Regarding Use of Contract Funds for Lobbying
- XI. Use of United States-Flag Vessels

ATTACHMENTS

A. Employment and Materials Preference for Appalachian Development Highway System or Appalachian Local Access Road Contracts (included in Appalachian contracts only).

I. GENERAL

1. Historically, contracting agencies using Federal-aid highway funds were required to ensure Form FHWA-1273 was physically incorporated into all contracts and subcontracts. Effective June 10, 2026, this requirement was eliminated [91 FR 25492]. Future use of Form FHWA-1273 is now optional on the part of the contracting agency using Federal-aid highway funds. FHWA continues to make Form FHWA-1273 available as a convenience to contracting agencies. Contracting agencies must continue to ensure compliance with the provisions cited in Form FHWA-1273 in accordance with the provisions regardless of the use of Form FHWA-1273. Accordingly, the contracting agency retains the authority to determine whether the contractor must use Form FHWA-1273 to physically incorporate required contract provisions in each subcontract and in lower tier contracts. Where permitted by the contracting agency, the contractor may choose other ways to include required contract provisions in each subcontract, besides incorporating Form FHWA-1273. Contract provisions in Form FHWA-1273 are not required to be physically included in subcontracts for design services on Federal-aid design-build contracts, or in purchase orders, rental agreements and other agreements for supplies or services.

The applicable provisions of Form FHWA-1273 are incorporated by reference for work done under any purchase order, rental agreement or agreement for other services. The prime contractor or design-builder shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Contracting agencies may reference Form FHWA-1273 in solicitation-for-bids or request-for-proposals documents.

2. Subject to the applicability criteria noted in the following sections, these contract provisions shall apply to all work performed on the contract by the contractor's own organization and with the assistance of workers under the contractor's

immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract.

3. A breach of any of the stipulations contained in these Required Contract Provisions may be sufficient grounds for withholding of progress payments, withholding of final payment, termination of the contract, suspension / debarment or any other action determined to be appropriate by the contracting agency and FHWA.

4. Selection of Labor: During the performance of this contract, the contractor shall not use convict labor for any purpose within the limits of a construction project on a Federal-aid highway unless it is labor performed by convicts who are on parole, supervised release, or probation. 23 U.S.C. 114(b). The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors. 23 U.S.C. 101(a).

II. NONDISCRIMINATION

The contractor and all subcontractors must comply with the following policies: 29 CFR Parts 1625-1627, 23 U.S.C. 140, Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d et seq.), and related regulations including 49 CFR Parts 21, 26, and 27, including any amendments thereto.

Note: The U.S. Department of Labor has exclusive authority to determine compliance with 29 CFR Parts 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with 23 U.S.C. 140, Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), and Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d et seq.), and related regulations including 49 CFR Parts 21, 26, and 27, including any amendments thereto.

The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR Part 35 and 29 CFR Part 1630 are incorporated by reference in this contract.

1. Assurances Required:

a. The requirements of 49 CFR Part 26, including any amendments thereto, and the State DOT's FHWA-approved Disadvantaged Business Enterprise (DBE) program are incorporated by reference.

b. The contractor, subrecipient or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR part 26, including any amendments thereto, in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the recipient deems appropriate, which may include, but is not limited to:

- (1) Withholding monthly progress payments;
- (2) Assessing sanctions;
- (3) Liquidated damages; and/or
- (4) Disqualifying the contractor from future bidding as non-responsible.

c. The Title VI and nondiscrimination provisions of U.S. DOT Order 1050.2A at Appendixes A and E, including any amendments thereto, are incorporated by reference. 49 CFR Part 21.

III. DAVIS-BACON AND RELATED ACT PROVISIONS

This section is applicable to all Federal-aid construction projects exceeding \$2,000 and to all related subcontracts and lower-tier subcontracts (regardless of subcontract size), in accordance with 29 CFR 5.5. The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. 23 U.S.C. 113. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. 23 U.S.C. 101. Where applicable law requires that projects be treated as a project on a Federal-aid highway, the provisions of this subpart will apply regardless of the location of the project. Examples include: Surface Transportation Block Grant Program projects funded under 23 U.S.C. 133 [excluding recreational trails projects], the Nationally Significant Freight and Highway Projects funded under 23 U.S.C. 117, and National Highway Freight Program projects funded under 23 U.S.C. 167.

The following provisions are from the U.S. Department of Labor regulations in 29 CFR 5.5 "Contract provisions and related matters" with minor revisions to conform to the FHWA-1273 format and FHWA program requirements.

1. Minimum wages (29 CFR 5.5)

a. *Wage rates and fringe benefits.* All laborers and mechanics employed or working upon the site of the work (or otherwise working in construction or development of the project under a development statute), will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act ([29 CFR part 3](#))), the full amount of basic hourly wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics. As provided in paragraphs (d) and (e) of 29 CFR 5.5, the appropriate wage determinations are effective by operation of law even if they have not been attached to the contract. Contributions made or costs reasonably anticipated for bona fide fringe benefits under the Davis-Bacon Act ([40 U.S.C. 3141\(2\)\(B\)](#)) on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph 1.e. of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics must be paid the appropriate wage rate and fringe benefits on the wage determination for the classification(s) of work actually performed, without regard to skill, except as provided in

paragraph 4. of this section. Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: *Provided*, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classifications and wage rates conformed under paragraph 1.c. of this section) and the Davis-Bacon poster (WH-1321) must be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

b. *Frequently recurring classifications.* (1) In addition to wage and fringe benefit rates that have been determined to be prevailing under the procedures set forth in [29 CFR part 1](#), a wage determination may contain, pursuant to § 1.3(f), wage and fringe benefit rates for classifications of laborers and mechanics for which conformance requests are regularly submitted pursuant to paragraph 1.c. of this section, provided that:

- (i) The work performed by the classification is not performed by a classification in the wage determination for which a prevailing wage rate has been determined;
- (ii) The classification is used in the area by the construction industry; and
- (iii) The wage rate for the classification bears a reasonable relationship to the prevailing wage rates contained in the wage determination.

(2) The Administrator will establish wage rates for such classifications in accordance with paragraph 1.c.(1)(iii) of this section. Work performed in such a classification must be paid at no less than the wage and fringe benefit rate listed on the wage determination for such classification.

c. *Conformance.* (1) The contracting officer must require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract be classified in conformance with the wage determination. Conformance of an additional classification and wage rate and fringe benefits is appropriate only when the following criteria have been met:

- (i) The work to be performed by the classification requested is not performed by a classification in the wage determination; and
- (ii) The classification is used in the area by the construction industry; and
- (iii) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(2) The conformance process may not be used to split, subdivide, or otherwise avoid application of classifications listed in the wage determination.

(3) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the

classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken will be sent by the contracting officer by email to DBAconformance@dol.gov. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(4) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer will, by email to DBAconformance@dol.gov, refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Administrator for determination. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(5) The contracting officer must promptly notify the contractor of the action taken by the Wage and Hour Division under paragraphs 1.c.(3) and (4) of this section. The contractor must furnish a written copy of such determination to each affected worker or it must be posted as a part of the wage determination. The wage rate (including fringe benefits where appropriate) determined pursuant to paragraph 1.c.(3) or (4) of this section must be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

d. Fringe benefits not expressed as an hourly rate. Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor may either pay the benefit as stated in the wage determination or may pay another bona fide fringe benefit or an hourly cash equivalent thereof.

e. Unfunded plans. If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, *Provided*, That the Secretary of Labor has found, upon the written request of the contractor, in accordance with the criteria set forth in § 5.28, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

f. Interest. In the event of a failure to pay all or part of the wages required by the contract, the contractor will be required to pay interest on any underpayment of wages.

2. Withholding (29 CFR 5.5)

a. Withholding requirements. The contracting agency may, upon its own action, or must, upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor so much of the accrued payments or advances as may be considered

necessary to satisfy the liabilities of the prime contractor or any subcontractor for the full amount of wages and monetary relief, including interest, required by the clauses set forth in this section for violations of this contract, or to satisfy any such liabilities required by any other Federal contract, or federally assisted contract subject to Davis-Bacon labor standards, that is held by the same prime contractor (as defined in § 5.2). The necessary funds may be withheld from the contractor under this contract, any other Federal contract with the same prime contractor, or any other federally assisted contract that is subject to Davis-Bacon labor standards requirements and is held by the same prime contractor, regardless of whether the other contract was awarded or assisted by the same agency, and such funds may be used to satisfy the contractor liability for which the funds were withheld. In the event of a contractor's failure to pay any laborer or mechanic, including any apprentice or helper working on the site of the work all or part of the wages required by the contract, or upon the contractor's failure to submit the required records as discussed in paragraph 3.d. of this section, the contracting agency may on its own initiative and after written notice to the contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

b. Priority to withheld funds. The Department has priority to funds withheld or to be withheld in accordance with paragraph 2.a. of this section or Section IV, paragraph 3.a., or both, over claims to those funds by:

- (1) A contractor's surety(ies), including without limitation performance bond sureties and payment bond sureties;
- (2) A contracting agency for its procurement costs;
- (3) A trustee(s) (either a court-appointed trustee or a U.S. trustee, or both) in bankruptcy of a contractor, or a contractor's bankruptcy estate;
- (4) A contractor's assignee(s);
- (5) A contractor's successor(s); or
- (6) A claim asserted under the Prompt Payment Act, [31 U.S.C. 3901](#)–3907.

3. Records and certified payrolls (29 CFR 5.5)

a. Basic record requirements (1) Length of record retention. All regular payrolls and other basic records must be maintained by the contractor and any subcontractor during the course of the work and preserved for all laborers and mechanics working at the site of the work (or otherwise working in construction or development of the project under a development statute) for a period of at least 3 years after all the work on the prime contract is completed.

(2) Information required. Such records must contain the name; Social Security number; last known address, telephone number, and email address of each such worker; each worker's correct classification(s) of work actually performed; hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in [40 U.S.C. 3141\(2\)\(B\)](#) of the Davis-Bacon Act); daily and weekly number

of hours actually worked in total and on each covered contract; deductions made; and actual wages paid.

(3) *Additional records relating to fringe benefits.* Whenever the Secretary of Labor has found under paragraph 1.e. of this section that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in [40 U.S.C. 3141\(2\)\(B\)](#) of the Davis-Bacon Act, the contractor must maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits.

(4) *Additional records relating to apprenticeship.* Contractors with apprentices working under approved programs must maintain written evidence of the registration of apprenticeship programs, the registration of the apprentices, and the ratios and wage rates prescribed in the applicable programs.

b. *Certified payroll requirements* (1) *Frequency and method of submission.* The contractor or subcontractor must submit weekly, for each week in which any DBA- or Related Acts-covered work is performed, certified payrolls to the contracting agency. The prime contractor is responsible for the submission of all certified payrolls by all subcontractors. A contracting agency or prime contractor may permit or require contractors to submit certified payrolls through an electronic system, as long as the electronic system requires a legally valid electronic signature; the system allows the contractor, the contracting agency, and the Department of Labor to access the certified payrolls upon request for at least 3 years after the work on the prime contract has been completed; and the contracting agency or prime contractor permits other methods of submission in situations where the contractor is unable or limited in its ability to use or access the electronic system.

(2) *Information required.* The certified payrolls submitted must set out accurately and completely all of the information required to be maintained under paragraph 3.a.(2) of this section, except that full Social Security numbers and last known addresses, telephone numbers, and email addresses must not be included on weekly transmittals. Instead, the certified payrolls need only include an individually identifying number for each worker (e.g., the last four digits of the worker's Social Security number). The required weekly certified payroll information may be submitted using Optional Form WH-347 or in any other format desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division website at <https://www.dol.gov/sites/dolgov/files/WHD/legacy/files/wh347.pdf> or its successor website. It is not a violation of this section for a prime contractor to require a subcontractor to provide full Social Security numbers and last known addresses, telephone numbers, and email addresses to the prime contractor for its own records, without weekly submission by the subcontractor to the contracting agency.

(3) *Statement of Compliance.* Each certified payroll submitted must be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor, or the contractor's or subcontractor's agent who pays or supervises the payment of the persons working on the contract, and must certify the following:

(i) That the certified payroll for the payroll period contains the information required to be provided under paragraph 3.b. of this section, the appropriate information and basic records are being maintained under paragraph 3.a. of this section, and such information and records are correct and complete;

(ii) That each laborer or mechanic (including each helper and apprentice) working on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in [29 CFR part 3](#); and

(iii) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification(s) of work actually performed, as specified in the applicable wage determination incorporated into the contract.

(4) *Use of Optional Form WH-347.* The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 will satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 3.b.(3) of this section.

(5) *Signature.* The signature by the contractor, subcontractor, or the contractor's or subcontractor's agent must be an original handwritten signature or a legally valid electronic signature.

(6) *Falsification.* The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under [18 U.S.C. 1001](#) and [31 U.S.C. 3729](#).

(7) *Length of certified payroll retention.* The contractor or subcontractor must preserve all certified payrolls during the course of the work and for a period of 3 years after all the work on the prime contract is completed.

c. *Contracts, subcontracts, and related documents.* The contractor or subcontractor must maintain this contract or subcontract and related documents including, without limitation, bids, proposals, amendments, modifications, and extensions. The contractor or subcontractor must preserve these contracts, subcontracts, and related documents during the course of the work and for a period of 3 years after all the work on the prime contract is completed.

d. *Required disclosures and access* (1) *Required record disclosures and access to workers.* The contractor or subcontractor must make the records required under paragraphs 3.a. through 3.c. of this section, and any other documents that the contracting agency, the State DOT, the FHWA, or the Department of Labor deems necessary to determine compliance with the labor standards provisions of any of the applicable statutes referenced by § 5.1, available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and must permit such representatives to interview workers during working hours on the job.

(2) *Sanctions for non-compliance with records and worker access requirements.* If the contractor or subcontractor fails to submit the required records or to make them available, or refuses to permit worker interviews during working hours on the job, the Federal agency may, after written notice to the contractor, sponsor, applicant, owner, or other entity, as the case may be, that maintains such records or that employs such workers, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available, or to permit worker interviews during working hours on the job, may be grounds for debarment action pursuant to § 5.12. In addition, any contractor or other person that fails to submit the required records or make those records available to WHD within the time WHD requests that the records be produced will be precluded from introducing as evidence in an administrative proceeding under [29 CFR part 6](#) any of the required records that were not provided or made available to WHD. WHD will take into consideration a reasonable request from the contractor or person for an extension of the time for submission of records. WHD will determine the reasonableness of the request and may consider, among other things, the location of the records and the volume of production.

(3) *Required information disclosures.* Contractors and subcontractors must maintain the full Social Security number and last known address, telephone number, and email address of each covered worker, and must provide them upon request to the contracting agency, the State DOT, the FHWA, the contractor, or the Wage and Hour Division of the Department of Labor for purposes of an investigation or other compliance action.

4. Apprentices and equal employment opportunity (29 CFR 5.5)

a. *Apprentices (1) Rate of pay.* Apprentices will be permitted to work at less than the predetermined rate for the work they perform when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship (OA), or with a State Apprenticeship Agency recognized by the OA. A person who is not individually registered in the program, but who has been certified by the OA or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice, will be permitted to work at less than the predetermined rate for the work they perform in the first 90 days of probationary employment as an apprentice in such a program. In the event the OA or a State Apprenticeship Agency recognized by the OA withdraws approval of an apprenticeship program, the contractor will no longer be permitted to use apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(2) *Fringe benefits.* Apprentices must be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringe benefits must be paid in accordance with that determination.

(3) *Apprenticeship ratio.* The allowable ratio of apprentices to journeyworkers on the job site in any craft classification must not be greater than the ratio permitted to the contractor as to the entire work force under the registered program or the ratio applicable to the locality of the project pursuant to paragraph 4.a.(4) of this section. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated in paragraph 4.a.(1) of this section, must be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under this section must be paid not less than the applicable wage rate on the wage determination for the work actually performed.

(4) *Reciprocity of ratios and wage rates.* Where a contractor is performing construction on a project in a locality other than the locality in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyworker's hourly rate) applicable within the locality in which the construction is being performed must be observed. If there is no applicable ratio or wage rate for the locality of the project, the ratio and wage rate specified in the contractor's registered program must be observed.

b. *Equal employment opportunity.* The use of apprentices and journeyworkers under this part must be in conformity with [29 CFR part 30](#), including any amendments thereto.

c. Apprentices and Trainees (programs of the U.S. DOT).

Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section III. 23 CFR 230.111(e)(2). The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeyworkers shall not be greater than permitted by the terms of the particular program.

5. Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract as provided in 29 CFR 5.5.

6. Subcontracts. The contractor or subcontractor must insert in any subcontracts the clauses set forth in paragraphs (1) through (11) of this section, along with the applicable wage determination(s) and such other clauses or contract modifications as the contracting agency may by appropriate instructions require, and a clause requiring the subcontractors to include these clauses and wage determination(s) in any lower tier subcontracts. The prime contractor is responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in this section. In the event of any violations of these clauses, the prime contractor and any subcontractor(s) responsible will be liable for any unpaid wages and monetary relief, including interest from the date of the underpayment or loss, due to any workers of lower-tier subcontractors, and may be subject to debarment, as appropriate. 29 CFR 5.5.

7. Contract termination: debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the

contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

8. Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract as provided in 29 CFR 5.5.

9. Disputes concerning labor standards. As provided in 29 CFR 5.5, disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

10. Certification of eligibility. a. By entering into this contract, the contractor certifies that neither it nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of [40 U.S.C. 3144\(b\)](#) or § 5.12(a).

b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of [40 U.S.C. 3144\(b\)](#) or § 5.12(a).

c. The penalty for making false statements is prescribed in the U.S. Code, Title 18 Crimes and Criminal Procedure, [18 U.S.C. 1001](#).

11. Anti-retaliation. It is unlawful for any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, or to cause any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, any worker or job applicant for:

a. Notifying any contractor of any conduct which the worker reasonably believes constitutes a violation of the DBA, Related Acts, this part, or [29 CFR part 1](#) or [3](#);

b. Filing any complaint, initiating or causing to be initiated any proceeding, or otherwise asserting or seeking to assert on behalf of themselves or others any right or protection under the DBA, Related Acts, this part, or [29 CFR part 1](#) or [3](#);

c. Cooperating in any investigation or other compliance action, or testifying in any proceeding under the DBA, Related Acts, this part, or [29 CFR part 1](#) or [3](#); or

d. Informing any other person about their rights under the DBA, Related Acts, this part, or [29 CFR part 1](#) or [3](#).

IV. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

Pursuant to 29 CFR 5.5(b), the following clauses apply to any Federal-aid construction contract in an amount in excess of \$100,000 and subject to the overtime provisions of the

Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by 29 CFR 5.5(a) or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchpersons and guards.

1. Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek. 29 CFR 5.5.

2. Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph 1. of this section the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages and interest from the date of the underpayment. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchpersons and guards, employed in violation of the clause set forth in paragraph 1. of this section, in the sum currently provided in 29 CFR 5.5(b)(2)* for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph 1. of this section.

* \$33 as of January 15, 2025 (See 90 FR 1859) as may be adjusted annually by the Department of Labor, pursuant to the Federal Civil Penalties Inflation Adjustment Act of 1990.

3. Withholding for unpaid wages and liquidated damages

a. *Withholding process.* The FHWA or the contracting agency may, upon its own action, or must, upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor so much of the accrued payments or advances as may be considered necessary to satisfy the liabilities of the prime contractor or any subcontractor for any unpaid wages; monetary relief, including interest; and liquidated damages required by the clauses set forth in this section on this contract, any other Federal contract with the same prime contractor, or any other federally assisted contract subject to the Contract Work Hours and Safety Standards Act that is held by the same prime contractor (as defined in § 5.2). The necessary funds may be withheld from the contractor under this contract, any other Federal contract with the same prime contractor, or any other federally assisted contract that is subject to the Contract Work Hours and Safety Standards Act and is held by the same prime contractor, regardless of whether the other contract was awarded or assisted by the same agency, and such funds may be used to satisfy the contractor liability for which the funds were withheld.

b. *Priority to withheld funds.* The Department has priority to funds withheld or to be withheld in accordance with Section III paragraph 2.a. or paragraph 3.a. of this section, or both, over claims to those funds by:

(1) A contractor's surety(ies), including without limitation performance bond sureties and payment bond sureties;

(2) A contracting agency for its procurement costs;

(3) A trustee(s) (either a court-appointed trustee or a U.S. trustee, or both) in bankruptcy of a contractor, or a contractor's bankruptcy estate;

(4) A contractor's assignee(s);

(5) A contractor's successor(s); or

(6) A claim asserted under the Prompt Payment Act, [31 U.S.C. 3901](#)–3907.

4. Subcontracts. The contractor or subcontractor must insert in any subcontracts the clauses set forth in paragraphs 1. through 5. of this section and a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor is responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs 1. through 5. In the event of any violations of these clauses, the prime contractor and any subcontractor(s) responsible will be liable for any unpaid wages and monetary relief, including interest from the date of the underpayment or loss, due to any workers of lower-tier subcontractors, and associated liquidated damages and may be subject to debarment, as appropriate.

5. Anti-retaliation. It is unlawful for any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, or to cause any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, any worker or job applicant for:

a. Notifying any contractor of any conduct which the worker reasonably believes constitutes a violation of the Contract Work Hours and Safety Standards Act (CWHSSA) or its implementing regulations in this part;

b. Filing any complaint, initiating or causing to be initiated any proceeding, or otherwise asserting or seeking to assert on behalf of themselves or others any right or protection under CWHSSA or this part;

c. Cooperating in any investigation or other compliance action, or testifying in any proceeding under CWHSSA or this part; or

d. Informing any other person about their rights under CWHSSA or this part.

V. SUBLETTING OR ASSIGNING THE CONTRACT

This provision is applicable to all Federal-aid construction contracts on the National Highway System pursuant to 23 CFR 635.116.

1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the contract) of

the total original contract price, excluding any specialty items designated by the contracting agency. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the contractor's own organization (23 CFR 635.116).

a. The term "perform work with its own organization" in paragraph 1. of this section refers to workers employed or leased by the prime contractor, and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor or lower tier subcontractor, agents of the prime contractor, or any other assignees. The term may include payments for the costs of hiring leased employees from an employee leasing firm meeting all relevant Federal and State regulatory requirements. Leased employees may only be included in this term if the prime contractor meets all of the following conditions: (based on longstanding interpretation)

(1) the prime contractor maintains control over the supervision of the day-to-day activities of the leased employees;

(2) the prime contractor remains responsible for the quality of the work of the leased employees;

(3) the prime contractor retains all power to accept or exclude individual employees from work on the project; and

(4) the prime contractor remains ultimately responsible for the payment of predetermined minimum wages, the submission of payrolls, statements of compliance and all other Federal regulatory requirements.

b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid or propose on the contract as a whole and in general are to be limited to minor components of the overall contract. 23 CFR 635.102.

2. Pursuant to 23 CFR 635.116(a), the contract amount upon which the requirements set forth in paragraph 1. of this section is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.

3. Pursuant to 23 CFR 635.116(c), the contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the contracting officer determines is necessary to assure the performance of the contract.

4. No portion of the contract shall be sublet, assigned or otherwise disposed of except with the written consent of the contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the contracting agency has assured that each subcontract is evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract. (based on longstanding interpretation of 23 CFR 635.116).

5. The 30-percent self-performance requirement of paragraph (1) is not applicable to design-build contracts; however,

contracting agencies may establish their own self-performance requirements. 23 CFR 635.116(d).

VI. SAFETY: ACCIDENT PREVENTION

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR Part 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract. 23 CFR 635.108.

2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR Part 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704). 29 CFR 1926.10.

3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704).

VII. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by engineers, contractors, suppliers, and workers on Federal-aid highway projects, it is essential that all persons concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, Form FHWA-1022 shall be posted on each Federal-aid highway project (23 CFR Part 635) in one or more places where it is readily available to all persons concerned with the project:

18 U.S.C. 1020 reads as follows:

"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the

character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or

Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or

Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 11, 1916, (39 Stat. 355), as amended and supplemented;

Shall be fined under this title or imprisoned not more than 5 years or both."

VIII. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT (42 U.S.C. 7606; 2 CFR 200.88; EO 11738)

This provision is applicable to all Federal-aid construction contracts in excess of \$150,000 and to all related subcontracts. 48 CFR 2.101; 2 CFR 200.327.

By submission of this bid/proposal or the execution of this contract or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, subcontractor, supplier, or vendor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401-7671q) and the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251-1387). Violations must be reported to the Federal Highway Administration and the Regional Office of the Environmental Protection Agency. 2 CFR Part 200, Appendix II.

The contractor agrees to include or cause to be included the requirements of this Section in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements. 2 CFR 200.327.

IX. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, consultant contracts or any other covered transaction requiring FHWA approval or that is estimated to cost \$25,000 or more – as defined in 2 CFR Parts 180 and 1200. 2 CFR 180.220 and 1200.220.

1. Instructions for Certification – First Tier Participants:

a. By signing and submitting this proposal, the prospective first tier participant is providing the certification set out below.

b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this

covered transaction. The prospective first tier participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective first tier participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction. 2 CFR 180.320.

c. The certification in this clause is a material representation of fact upon which reliance was placed when the contracting agency determined to enter into this transaction. If it is later determined that the prospective participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the contracting agency may terminate this transaction for cause of default. 2 CFR 180.325.

d. The prospective first tier participant shall provide immediate written notice to the contracting agency to whom this proposal is submitted if any time the prospective first tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances. 2 CFR 180.345 and 180.350.

e. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180, Subpart I, 180.900-180.1020, and 1200. "First Tier Covered Transactions" refers to any covered transaction between a recipient or subrecipient of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a recipient or subrecipient of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

f. The prospective first tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction. 2 CFR 180.330.

g. The prospective first tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions," provided by the department or contracting agency, entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold. 2 CFR 180.220 and 180.300.

h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. 2 CFR 180.300; 180.320, and 180.325. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. 2 CFR 180.335. To verify the eligibility of its principals, as well as the

eligibility of any lower tier prospective participants, each participant may, but is not required to, check the System for Award Management website (<https://www.sam.gov/>). 2 CFR 180.300, 180.320, and 180.325.

i. Nothing contained in the foregoing shall be construed to require the establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of the prospective participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

j. Except for transactions authorized under paragraph (f) of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default. 2 CFR 180.325.

* * * * *

2. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – First Tier Participants:

a. The prospective first tier participant certifies to the best of its knowledge and belief, that it and its principals:

(1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency, 2 CFR 180.335;

(2) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property, 2 CFR 180.800;

(3) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (a)(2) of this certification, 2 CFR 180.700 and 180.800; and

(4) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default. 2 CFR 180.335(d).

(5) Are not a corporation that has been convicted of a felony violation under any Federal law within the two-year period preceding this proposal (USDOT Order 4200.6 implementing appropriations act requirements); and

(6) Are not a corporation with any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted, or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability (USDOT Order 4200.6 implementing appropriations act requirements).

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant should attach an explanation to this proposal. 2 CFR 180.335 and 180.340.

* * * * *

3. Instructions for Certification - Lower Tier Participants:

(Applicable to all subcontracts, purchase orders, and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200). 2 CFR 180.220 and 1200.220.

a. By signing and submitting this proposal, the prospective lower tier participant is providing the certification set out below.

b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances. 2 CFR 180.365.

d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180, Subpart I, 180.900 – 180.1020, and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a recipient or subrecipient of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a recipient or subrecipient of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers to any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated. 2 CFR 1200.220 and 1200.332.

f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold. 2 CFR 180.220 and 1200.220.

g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered

transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the System for Award Management website (<https://www.sam.gov/>), which is compiled by the General Services Administration. 2 CFR 180.300, 180.320, 180.330, and 180.335.

h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment. 2 CFR 180.325.

* * * * *

4. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Participants:

a. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals:

(1) is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency, 2 CFR 180.355;

(2) is a corporation that has been convicted of a felony violation under any Federal law within the two-year period preceding this proposal (USDOT Order 4200.6 implementing appropriations act requirements); and

(3) is a corporation with any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted, or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability. (USDOT Order 4200.6 implementing appropriations act requirements)

b. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant should attach an explanation to this proposal.

* * * * *

X. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts which exceed \$100,000. 49 CFR Part 20, App. A.

1. The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

2. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

3. The prospective participant also agrees by submitting its bid or proposal that the participant shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such recipients shall certify and disclose accordingly.

XI. USE OF UNITED STATES-FLAG VESSELS:

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, or any other covered transaction. 46 CFR Part 381.

This requirement applies to material or equipment that is acquired for a specific Federal-aid highway project. 46 CFR 381.7. It is not applicable to goods or materials that come into inventories independent of an FHWA funded-contract.

When oceanic shipments (or shipments across the Great Lakes) are necessary for materials or equipment acquired for a specific Federal-aid construction project, the bidder, proposer, contractor, subcontractor, or vendor agrees:

1. To utilize privately owned United States-flag commercial vessels to ship at least 50 percent of the gross tonnage (computed separately for dry bulk carriers, dry cargo liners, and tankers) involved, whenever shipping any equipment, material, or commodities pursuant to this contract, to the

extent such vessels are available at fair and reasonable rates for United States-flag commercial vessels. 46 CFR 381.7.

2. To furnish within 20 days following the date of loading for shipments originating within the United States or within 30 working days following the date of loading for shipments originating outside the United States, a legible copy of a rated, 'on-board' commercial ocean bill-of-lading in English for each shipment of cargo described in paragraph (b)(1) of this section to both the Contracting Officer (through the prime contractor in the case of subcontractor bills-of-lading) and to the Office of Cargo and Commercial Sealift (MAR-620), Maritime Administration, Washington, DC 20590. (MARAD requires copies of the ocean carrier's (master) bills of lading, certified onboard, dated, with rates and charges. These bills of lading may contain business sensitive information and therefore may be submitted directly to MARAD by the Ocean Transportation Intermediary on behalf of the contractor). 46 CFR 381.7.

**ATTACHMENT A - EMPLOYMENT AND MATERIALS
PREFERENCE FOR APPALACHIAN DEVELOPMENT
HIGHWAY SYSTEM OR APPALACHIAN LOCAL ACCESS
ROAD CONTRACTS** (40 U.S.C. sections 14501(d) and 14701
and the Appalachian Regional Commission Code as
authorized under 40 U.S.C. section 14302)

This provision is applicable to all Federal-aid projects funded
under the Appalachian Regional Development Act of 1965.

1. During the performance of this contract, the contractor
undertaking to do work which is, or reasonably may be, done
as on-site work, shall give preference to qualified persons who
regularly reside in the labor area as designated by the DOL
wherein the contract work is situated, or the subregion, or the
Appalachian counties of the State wherein the contract work is
situated, except:

a. To the extent that qualified persons regularly residing in
the area are not available.

b. For the reasonable needs of the contractor to employ
supervisory or specially experienced personnel necessary to
assure an efficient execution of the contract work.

c. For the obligation of the contractor to offer employment to
present or former employees as the result of a lawful collective
bargaining contract, provided that the number of nonresident
persons employed under this subparagraph (1c) shall not
exceed 20 percent of the total number of employees employed
by the contractor on the contract work, except as provided in
subparagraph (4) below.

2. The contractor shall place a job order with the State
Employment Service indicating (a) the classifications of the
laborers, mechanics and other employees required to perform
the contract work, (b) the number of employees required in
each classification, (c) the date on which the participant
estimates such employees will be required, and (d) any other
pertinent information required by the State Employment
Service to complete the job order form. The job order may be
placed with the State Employment Service in writing or by
telephone. If during the course of the contract work, the
information submitted by the contractor in the original job order
is substantially modified, the participant shall promptly notify
the State Employment Service.

3. The contractor shall give full consideration to all qualified
job applicants referred to him by the State Employment
Service. The contractor is not required to grant employment to
any job applicants who, in his opinion, are not qualified to
perform the classification of work required.

4. If, within one week following the placing of a job order by
the contractor with the State Employment Service, the State
Employment Service is unable to refer any qualified job
applicants to the contractor, or less than the number
requested, the State Employment Service will forward a
certificate to the contractor indicating the unavailability of
applicants. Such certificate shall be made a part of the
contractor's permanent project records. Upon receipt of this
certificate, the contractor may employ persons who do not
normally reside in the labor area to fill positions covered by the
certificate, notwithstanding the provisions of subparagraph (1c)
above.

5. The provisions of 40 U.S.C. 14501 allow the contracting
agency to provide a contractual preference for the use of
mineral resource materials native to the Appalachian region.

6. The contractor shall include the provisions of Sections 1
through 4 of this Attachment A in every subcontract for work
which is, or reasonably may be, done as on-site work.

FEDERAL AID PROVISIONS

December 1980

NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO ENSURE EQUAL EMPLOYMENT OPPORTUNITY (EXECUTIVE ORDER 11246)

1. The Offeror's or Bidders attention is called to the "Equal Opportunity Clause" and the Standard Federal Equal Employment Opportunity Construction Contract Specifications" set forth therein.
2. The goals and timetables for minority and female participation, expressed in percentage terms for the Contractor's aggregate workforce in each trade on all construction work in the covered area, are as follows:
3. Construction contractors which are participating in an approved Hometown Plan (see 41 CFR 60-4.5) are required to comply with the goals of the Hometown Plan with regard to construction work they perform in the area covered by the Hometown Plan. With regard to all their covered construction work, such contractors are required to comply with the following goals:

Goals for Female participation for each trade

AREA COVERED

Goals for women apply nationwide

GOALS AND TIMETABLES

Goals

Timetable	(Percent)
From April 1, 1978 until March 31, 1979	3.1
From April 1, 1979 until March 31, 1980	5.1
From April 1, 1980 until March 31, 1981	6.9

Goals for Minority Participation for Each Trade

<u>County</u>	<u>Goal (Percent)</u>	<u>County</u>	<u>Goal (Percent)</u>
Adair	4	Linn	4
Andrew	3.2	Livingston	10
Atchison	10	McDonald	2.3
Audrain	4	Macon	4
Barry	2.3	Madison	11.4
Barton	2.3	Maries	11.4
Bates	10	Marion	3.1
Benton	10	Mercer	10
Bollinger	11.4	Miller	4
Boone	6.3	Mississippi	11.4
Buchanan	3.2	Moniteau	4
Butler	11.4	Monroe	4
Caldwell	10	Montgomery	11.4
Callaway	4	Morgan	4
Camden	4	New Madrid	26.5
Cape Girardeau	11.4	Newton	2.3
Carroll	10	Nodaway	10

Carter	11.4	Oregon	2.3
Cass	12.7	Osage	4
Cedar	2.3	Ozark	2.3
Chariton	4	Pemiscot	26.5
Christian	2	Perry	11.4
Clark	3.4	Pettis	10
Clay	12.7	Phelps	11.4
Clinton	10	Pike	3.1
Cole	4	Platte	12.7
Cooper	4	Polk	2.3
Crawford	11.4	Pulaski	2.3
Dade	2.3	Putnam	4
Dallas	2.3	Ralls	3.1
Daviess	10	Randolph	4
DeKalb	10	Ray	12.7
Dent	11.4	Reynolds	11.4
Douglas	2.3	Ripley	11.4
Dunklin	26.5	St. Charles	14.7
Franklin	14.7	St. Clair	2.3
Gasconade	11.4	St. Francois	11.4
Gentry	10	Ste. Genevieve	11.4
Greene	2	St. Louis City	14.7
Grundy	10	St. Louis County	14.7
Harrison	10	Saline	10
Henry	10	Schuyler	4
Hickory	2.3	Scotland	4
Holt	10	Scott	11.4
Howard	4	Shannon	2.3
Howell	2.3	Shelby	4
Iron	11.4	Stoddard	11.4
Jackson	12.7	Stone	2.3
Jasper	2.3	Sullivan	4
Jefferson	14.7	Taney	2.3
Johnson	10	Texas	2.3
Knox	4	Vernon	2.3
Laclede	2.3	Warren	11.4
Lafayette	10	Washington	11.4
Lawrence	2.3	Wayne	11.4
Lewis	3.1	Webster	2.3
Lincoln	11.4	Worth	10
		Wright	2.3

These goals are applicable to all of the contractor's construction work (whether or not is Federal or federally assisted) performed in the covered area. If the contractor performs construction work in a geographical area located outside of the covered area, it shall apply the goals established for such geographical area where the work is actually performed. With regard to this second area, the contractor also is subject to the goals for both its federally involved and nonfederally involved construction.

The Contractor's compliance with the Executive Order and the regulations in 41 CFR Part 60-4 shall be based on Its Implementation of the Equal Opportunity Clause, specific affirmative action obligations required by the specifications set forth in 41 CFR 60-4.3(a), and its effort to meet the goals. The hours of minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade, and the Contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority, or female employees or trainees from Contractor to Contractor or from project to project

for the sole purpose of meeting the Contractor's goals shall be a violation of the contract, the Executive Order and the regulations in 41 CFR Part 60-4. Compliance with the goals will be measured against the total work hours performed.

4. The Contractor shall provide written notification to the Director of the Office of Federal Contract Compliance Programs within 10 working days of award of any construction subcontract in excess of \$10,000 at any tier for construction work under the contract resulting from this solicitation. The notification shall list the name, address and telephone number of the subcontractor; employer identification number; estimated dollar amount of the subcontract; estimated starting and completion dates of the subcontract; and the geographical area in which the subcontract is to be performed.
5. As used in this Notice, and in the contract resulting from this solicitation, the "covered area" of the county, route and limits described in the proposal for the work.

July 1986

STANDARD FEDERAL EQUAL EMPLOYMENT OPPORTUNITY CONSTRUCTION
CONTRACT SPECIFICATIONS (EXECUTIVE ORDER 11246)

1. As used in these specifications:
 - a. "Covered area" means the geographical area described in the solicitation which this contract resulted.
 - b. "Director" mean Director, Office of Federal Contract Compliance Programs, United States Department of labor, or any person to who the Director delegates authority;
 - c. "Employer Identification Number" means the Federal Social Security number used on the Employer's quarterly Federal Tax Return, U.S. Treasury Department Form 941;
 - d. "Minority" includes;
 - (i) Black (all persons having origins in any of the Black African racial groups not of Hispanic origin);
 - (ii) Hispanic (all persons of Mexican, Puerto Rican, Cuban, Central or South American or other Spanish Culture or origin, regardless of race);
 - (iii) Asian and pacific islander (all persons having origins in any of the original peoples of the Far East, southeast Asia, the Indian Subcontinent, or the Pacific Islands; and
 - (iv) American Indian or Alaskan Native (all persons having origins in any of the original peoples of North American and maintain identifiable affiliations through membership and participation or community identifications.
2. Whenever the Contractor, or any Subcontractor at any tier, subcontractors a portion of the work involving any construction trade, it shall physically include in each subcontract in excess of \$10,000 the provisions of these specifications and the Notice which contains the applicable goals for minority and female participation and which is set forth in the solicitations from which this contract resulted.
3. If the Contract is participating (pursuant to 41 CFR 60-4.5) in a Hometown Plan approved by the U.S. Department of Labor in the covered area either individually or through the association, its affirmative action obligations on all work in the Plan area (including goals and timetables) shall be in accordance with the Plan for those trades which have unions participating in the Plan. Contractors must be able to demonstrate their participation in and compliance with the provisions of any such Hometown Plan. Each Contractor or Subcontractor participating in an approved Plan is individually required to comply with its obligation under the EEO clause, and to make a good faith effort to achieve each goal under the Plan in each trade in which it has employees. The overall good faith

performance by other Contractors or Subcontractors toward a goal in an approved Plan does not excuse any covered Contractor's or Subcontractors' failure to take good faith efforts to achieve the Plan goals and timetables.

4. The Contractor shall implement the specific affirmative action standards provided in paragraphs 7a through 7p of these specifications. The goals set forth in the solicitation from which this contract resulted are expressed as percentages of the total hours of employment and training of minority and female utilization the Contractor should reasonably be able to achieve in each construction trade in which it has employees in the covered area. Covered Construction contractors performing construction work in geographical areas where they do not have a Federal or federally assisted construction contract shall apply the minority and female goals established for the geographical area where the work is being performed. Goals are published periodically in the Federal Register in notice form, and such notices may be obtained from any Office of Federal Contract Compliance Programs office or from Federal procurement contracting officers. The Contractor is expected to make substantially uniform progress toward its goals in each craft during the period specified.
5. Neither the provisions of any collective bargaining agreement, nor the failure by a union with who the Contractor has a collective bargaining agreement, to refer either minorities or women shall excuse the Contractor's obligations under these specifications, Executive Order 11246, or the regulations promulgated pursuant thereto.
6. In order for the nonworking training hours or apprentices and trainees to be counted in meeting the goal, such apprentices and trainees must be employed by the Contractor during the training period, and the Contractor must have made a commitment to employ the apprentices and trainees at the completion of their training, subject to the availability of employment opportunities. Trainees must be trained pursuant to training programs approved by the U.S. Department of Labor.
7. The contractor shall take specific affirmative actions to ensure equal employment opportunity. The evaluation of the Contractor's compliance with these specifications shall be used its effort to achieve maximum results from its actions. The Contractor shall document these efforts fully, and shall implement affirmative action steps at least as extensive as the following:
 - a. Ensure and maintain a working environment free of harassment, intimidation, and coercion at all sites, and all facilities at which the Contractor's employees are assigned to work. The Contractor shall specifically ensure that all foremen, superintendents, and other on-site supervisory personnel are aware of and carry out the Contractor's obligation to maintain such a working environment, with specific attention to minority or female individuals working at such sites or in such facilities.
 - b. Establish and maintain a current list of minority and female recruitment sources, provide written notification to minority and female recruitment sources and to community organizations when the Contractor or its unions have employment opportunities available, and maintain a record of the organizations' responses.
 - c. Maintain a current file of the names, addresses and telephone numbers of each minority and female off-the-street applicant and minority or female referral from a union, a recruitment source or community organization and what action was taken with respect to each such individual. If such individual was sent to the union hiring hall for referral and was not referred back to the Contractor by the union or, if referred not employed by the contractor, this shall be documented in the file with the reason therefore, along with whatever additional actions the Contractor may have taken.
 - d. Provide immediate written notification to the Director when the union or unions with which the Contractor has as collective bargaining agreement has not referred to the contractor a minority person or woman sent by the Contractor, or when the Contractor has other information that the union referral process has impeded the Contractor's efforts to meet its obligations.
 - e. Develop on-the-job training opportunities and/or participate in training programs for the area which expressly include minorities and women, including upgrading programs and apprenticeship and

trainee programs relevant of the contractor's employment needs, especially those programs funded or approved by the Department of Labor. The contractor shall provide notice of these programs to the sources complied under 7b above.

- f. Disseminate the Contractor's EEO policy by providing notice of the policy to unions and training programs and requesting their cooperation in assisting the Contractor in meeting its EEO obligations; by including it in any policy manual and collective bargaining agreement by publicizing it in the company newspaper, annual report, etc., by specific review of the policy with all management personnel and with all minority and female employees at least one a year; and by posting the company EEO policy on bulletin boards accessible to all employees at each location where construction work is performed.
- g. Review, at least annually, the company's EEO policy and affirmative action obligations under these specifications with all employees having any responsibility for hiring, assignment, layoff, termination or other employment decisions including specific review of these items with on-site supervisory personnel such as superintendents, General foreman, etc., prior to the initiation of construction work at any job site. A written record shall be made and maintained identifying the time and place of these meetings, person attending, subject matter discussed, and the disposition of the subject matter.
- h. Disseminate the Contractor's EEO policy externally by including it in any advertising in the news media, specifically including minority and female news media and providing written notification to and discussing the contractor's EEO policy with other Contractors and Subcontractors with who the Contractor does or anticipates doing business.
- i. Direct is a recruitment effort, both oral and written, to minority female and community organizations, to schools with minority and female students and to minority and female recruitment and training organizations serving the Contractor's recruitment area and employment needs. Not later than one month prior to the date for the acceptance or applicants for apprenticeship or other training by any recruitment source, the Contractor shall send written notification to organizations such as the above, describing the openings, screening procedures, and test to be used in the selection process.
- j. Encourage present minority and female employees to recruit other minority persons and women and, where reasonable, provide after school, summer vacations employment to minority and female youth both on the site and in other areas or contractor's workforce.
- k. Validate all tests and other selection requirements where there is an obligation to do so under 41 CFR Part 60-3.
- l. Conduct, at least annually, an inventory and evaluation at least of all minority and female personnel for promotional opportunities and encourage these employees to seek or to prepare for, through appropriate training, etc. such opportunities.
- m. Ensure that seniority practices, job classifications, work assignments and other personnel practices, do not have a discriminatory effect by continually monitoring all personnel and employment related activities to ensure that the EEO policy and the Contractor's obligation under these specifications are being carried out.
- n. Ensure that all facilities and company activities are non-segregated except that separate or single-user toilet and necessary changing facilities shall be provided to assure privacy between the sexes.
- o. Document and maintain a record of all solicitations or offers for subcontracts from minority and female construction contractors and suppliers, including circulation of solicitations to minority and female contractor associations and other business associations.

- p. Conduct a review, at least annually, of all supervisors' adherence to and performance under the Contractor's EEO policies and affirmative action obligations.
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- 8. Contractors are encouraged to participate in voluntary associations which assist in fulfilling one or more of their affirmative action obligations (7a through 7p). The efforts of a contractor association, joint contractor union, contractor community, or other similar group of which the contractor is a member and participant, may be asserted as fulfilling anyone or more of its obligations under 7a through 7p of these specifications provided that the contractor actively participates in the group, makes every effort to assure that the group has a positive impact on the employment of minorities and women in the industry, ensures that the concrete benefits of the program are reflected in the contractor's minority and female workforce participation, makes a good faith effort to meet its individual goals and timetables, and can provide access to documentation which demonstrates the effectiveness of actions taken on behalf of the contractor. The obligation to comply, however, is the Contractor's and failure of such a group to fulfill an obligation shall not be a defense for the Contractor's noncompliance.
 - 9. A single goal for minorities and a separate single goal for women have been established to provide equal employment opportunity and to take affirmative action for all minority groups, both male and female, and all women, both minority and non-minority. Consequently, the group is employed in a substantially disparate manner (for example, even though the Contractor has achieved its goals for women generally, the Contractor may be in violation of the executive order if a specific minority group of women is underutilized).
 - 10. The Contractor shall not use the goals and timetables or affirmative action standards to discriminate against any person because of race, color, religion, sex, or national origin.
 - 11. The Contractor shall not enter into any Subcontract with any person or firm debarred from Government contract pursuant to Executive Order 11246.
 - 12. The Contractor shall carry out such sanctions and penalties for violation of these specifications and of the Equal Opportunity Clause, including suspension, termination and cancellation of existing subcontracts as may be imposed or ordered pursuant to Executive Order 11246, as amended, and its implementing regulations, by the Office of Federal Contract Compliance Programs. Any Contractor who fails to carry out such sanctions and penalties shall be in violation of these specifications and Executive Order 11246, as amended.
 - 13. The Contractor, in fulfilling its obligations under these specifications, shall implement specific affirmative action steps, at least as extensive as those standards prescribed in paragraph 7 of these specifications, so as to achieve maximum results from its efforts to ensure equal employment opportunity. If the Contractor fails to comply with the requirements of the Executive Order, the implementing regulations, or these specifications, the Direct shall proceed in accordance with 41 CFR 60-4.8.
 - 14. The Contractor shall designate a responsible official to monitor all employment related activity to ensure that the company EEO policy is being carried out to submit reports relating to the provisions hereof as may be required by the Government and to keep records. Records shall at least include for each employee the name, address, telephone numbers, construction trade, union affiliation if any, employee identification number when assigned, social security number, race, sex, status, (e.g. mechanic, apprentice, trainee, helper, or laborer), dates of changes in status, hours worked per week in the indicated trade, rate of pay, and locations at which the work was performed. Records shall be maintained in an easily understandable and retrievable form; however, to the degree that existing records satisfy this requirement, contractors shall not be required to maintain separate records.
 - 15. Nothing herein provided shall be constructed as a limitation upon the application of other laws which establish different standard of compliance or upon the application of requirements for the hiring of local or other area residents (e.g. those under the Public Works Employment Action of 1977 and the Community Development Block Grant Program).

OPERATING POLICY STATEMENT

The contractor shall accept as his operating policy the following statement, or one of equal coverage, which is designed to further the provision of equal employment opportunity to all persons without regard to their race, color, religion, sex, or national origin, and to promote the full realization of equal employment opportunity through a positive continuing program.

“It is the policy of this company to assure that applicants are employed, and that employees are treated during employment without regard to their race, religion, sex, color, or national origin. Such action shall include: employment, upgrading, demotion, or transfer, recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, pre-apprenticeship, and/or on-the-job training.”

SUPPLEMENTAL REPORTING REQUIREMENTS

- A. The Contractor will keep such records as are necessary to determine compliance with the contractor’s equal employment opportunity obligations. The records kept by the contractor will be designed to indicate the number of minority and non-minority group members and women employed in each work classification on the project.
- B. All such records must be retained for a period of three years following completion of the contract work and shall be available at reasonable times and places for inspection by authorized representatives of the State Highway Agency and the Federal Highway Administration.
- C. The contractor and each covered subcontractor will submit to the State Highway Agency, for the month of July, for the duration of the project, a report (Form PR-1391) “Federal-Aid Highway Construction Contractors Annual EEO Report”, indicating the number of minority, women and non-minority group employees currently engaged in each work classification required by the contract work.

NONDISCRIMINATION IN EMPLOYMENT

July 1990

The following provisions are added by the State to the Required Contract Provisions of Federal-Aid Contracts.

The contractor is advised that the exemptions referred to in the Required Contract Provisions, Federal-Aid contracts under Section II, Nondiscrimination, Paragraph 3g, with respect to contracts and subcontracts, are substantial and are to be found in Chapter 60, Office of Federal Contract Compliance, Equal Employment Opportunity, Department of Labor (33 Federal Register 7804-7812, May 28, 1968, effective July 1, 1968, Chapter 60, Title 41, Code of Federal Regulations), by which contracts and subcontracts of \$10,000 or less and certain contracts and subcontracts for indefinite quantities are exempt.

The two pertinent exemption clauses are as follows:

60-1.5 Exemptions

- (a) General – (1) Transactions of \$10,000 or under. Contracts and Subcontractors not exceeding \$10,000, other than Government bills of lading, and other than contract and subcontracts with depositories of Federal funds in any amount and with financial institutions which are issuing and paying agents for U.S. savings bonds and savings notes, are exempt from the requirements of the equal opportunity clause. In determining the applicability of this exemption to any federally assisted construction contract, or subcontract thereunder, the amount of such contract or subcontract rather than the amount of the Federal financial assistance shall govern. No agency, contractor, or subcontractor shall procure supplies or services in a manner so as to avoid applicability of the equal opportunity clause: Provided, that where a contractor has contracts or subcontracts with the Government in any 12-month period which have an

aggregate total value (or can reasonably be expected to have an aggregate total value) exceeding \$10,000, the \$10,000 or under exemption does not apply, and the contracts are subject to the order and the regulation issued pursuant thereto regardless of whether any single contracts exceeds \$10,000.

Missouri

Division of Labor Standards

WAGE AND HOUR SECTION



MIKE KEHOE, Governor

Annual Wage Order No. 33

Section 092

ST. CHARLES COUNTY

In accordance with Section 290.262 RSMo 2000, within thirty (30) days after a certified copy of this Annual Wage Order has been filed with the Secretary of State as indicated below, any person who may be affected by this Annual Wage Order may object by filing an objection in triplicate with the Labor and Industrial Relations Commission, P.O. Box 599, Jefferson City, MO 65102-0599. Such objections must set forth in writing the specific grounds of objection. Each objection shall certify that a copy has been furnished to the Division of Labor Standards, P.O. Box 449, Jefferson City, MO 65102-0449 pursuant to 8 CSR 20-5.010(1). A certified copy of the Annual Wage Order has been filed with the Secretary of State of Missouri.

Original Signed by

Logan Hobbs, Director
Division of Labor Standards

Filed With Secretary of State: March 10, 2026

Last Date Objections May Be Filed: April 9, 2026

Prepared by Missouri Department of Labor and Industrial Relations

ST. CHARLES COUNTY

OCCUPATIONAL TITLE	**Prevailing Hourly Rate
Asbestos Worker	\$67.98
Boilermaker	\$83.23
Bricklayer - Stone Mason	\$67.89
Carpenter	\$68.72
Lather	
Linoleum Layers & Cutter	
Millwright	
Pile Driver	
Cement Mason	\$62.83
Plasterer	
Communication Technician	\$68.88
Electrician (Inside Wireman)	\$83.88
Electrician (Outside Lineman)	\$35.91*
Outside - Groundman	
Outside - Groundman Tree Trimmer	
Outside - Lineman Operator	
Outside - Lineman Tree Trimmer	
Elevator Constructor	\$106.19
Glazier	\$71.60
Iron Worker	\$75.15
Laborer	\$58.30
Laborer - First Semi-Skilled	
Laborer - General	
Laborer - Second Semi-Skilled	
Laborer - Skilled	
Mason	\$58.68
Marble Finisher	
Marble Mason	
Terrazzo Finisher	
Terrazzo Worker	
Tile Finisher	
Tile Setter	
Operating Engineer	\$76.35
Operating Engineer - Group I	
Operating Engineer - Group II	
Operating Engineer - Group III	
Operating Engineer - Group III - A	
Operating Engineer - Group IV	
Operating Engineer - Group V	
Painter	\$57.37
Plumber	\$83.90
Pipe Fitter	
Roofer/WaterProofer	\$62.33
Sheet Metal Worker	\$78.83
Sprinkler Fitter - Fire Protection	\$87.99
Truck Driver	\$35.91*
Truck Control Service Driver	
Truck Driver, Teamsters Group I	
Truck Driver, Teamsters Group II	
Truck Driver, Teamsters Group III	
Truck Driver, Teamsters Group IV	

* The Division of Labor Standards received fewer than 1,000 reportable hours for this occupational title. The public works contracting minimum wage is established for this occupational title using data provided by Missouri Economic Research and Information Center.

**The Prevailing Hourly Rate includes any applicable fringe benefit amounts for each occupational title as defined in RSMo Section 290.210.

ST. CHARLES COUNTY

OCCUPATIONAL TITLE	**Prevailing Hourly Rate
Carpenter	\$69.86
Millwright	
Pile Driver	
Electrician (Outside Lineman)	\$87.71
Outside - Groundman	
Outside - Groundman Tree Trimmer	
Outside - Lineman Operator	
Outside - Lineman Tree Trimmer	
Laborer	\$58.65
Laborer - General	
Laborer - Skilled	
Operating Engineer	\$76.56
Operating Engineer - Group I	
Operating Engineer - Group II	
Operating Engineer - Group III	
Operating Engineer - Group IV	
Truck Driver	\$53.65
Truck Control Service Driver	
Truck Driver, Teamsters Group I	
Truck Driver, Teamsters Group II	
Truck Driver, Teamsters Group III	
Truck Driver, Teamsters Group IV	

Use Heavy Construction Rates on Highway and Heavy construction in accordance with the classifications of construction work established in 8 CSR 30-3.040(3).

Use Building Construction Rates on Building construction in accordance with the classifications of construction work established in 8 CSR 30-3.040(2).

If a worker is performing work on a heavy construction project within an occupational title that is not listed on the Heavy Construction Rate Sheet, use the rate for that occupational title shown on the Building Construction Rate Sheet.

*The Division of Labor Standards received fewer than 1,000 reportable hours for this occupational title. Public works contracting minimum wage is established for this occupational title using data provided by Missouri Economic Research and Information Center.

**The Prevailing Hourly Rate includes any applicable fringe benefit amounts for each occupational title.

OVERTIME and HOLIDAYS

OVERTIME

For all work performed on a Sunday or a holiday, not less than twice (2x) the prevailing hourly rate of wages for work of a similar character in the locality in which the work is performed or the public works contracting minimum wage, whichever is applicable, shall be paid to all workers employed by or on behalf of any public body engaged in the construction of public works, exclusive of maintenance work.

For all overtime work performed, not less than one and one-half (1½) the prevailing hourly rate of wages for work of a similar character in the locality in which the work is performed or the public works contracting minimum wage, whichever is applicable, shall be paid to all workers employed by or on behalf of any public body engaged in the construction of public works, exclusive of maintenance work or contractual obligation. For purposes of this subdivision, **"overtime work"** shall include work that exceeds ten hours in one day and work in excess of forty hours in one calendar week; and

A thirty-minute lunch period on each calendar day shall be allowed for each worker on a public works project, provided that such time shall not be considered as time worked.

HOLIDAYS

January first;
The last Monday in May;
July fourth;
The first Monday in September;
November eleventh;
The fourth Thursday in November; and
December twenty-fifth;

If any holiday falls on a Sunday, the following Monday shall be considered a holiday.

State: Missouri

Construction Types: Heavy and Highway

Counties: Missouri Counties of
Adair, Andrew, Atchison, Audrain, Barry,
Barton, Bates, Benton, Bollinger, Boone,
Buchanan, Butler, Caldwell, Callaway,
Camden, Cape Girardeau, Carroll, Carter,
Cass, Cedar, Chariton, Christian, Clark,
Clay, Clinton, Cole, Cooper, Crawford,
Dade, Dallas, Daviess, De Kalb, Dent,
Douglas, Dunklin, Franklin, Gasconade,
Gentry, Greene, Grundy, Harrison, Henry,
Hickory, Holt, Howard, Howell, Iron,
Jackson, Jasper, Jefferson, Johnson,
Knox, Laclede, Lafayette, Lawrence,
Lewis, Lincoln, Linn, Livingston, Macon,
Madison, Maries, Marion, McDonald,
Mercer, Miller, Mississippi, Moniteau,
Monroe, Montgomery, Morgan, New Madrid,
Newton, Nodaway, Oregon, Osage, Ozark,
Pemiscot, Perry, Pettis, Phelps, Pike,
Platte, Polk, Pulaski, Putnam, Ralls,
Randolph, Ray, Reynolds, Ripley, Saline,
Schuyler, Scotland, Scott, Shannon,
Shelby, St Charles, St Clair, St
Francois, St Louis, St Louis City, Ste
Genevieve, Stoddard, Stone, Sullivan,
Taney, Texas, Vernon, Warren,
Washington, Wayne, Webster, Worth and
Wright

Heavy Construction

Highway Construction

Modification Number	Publication Date
1	01/09/2026
2	05/18/2026

CARP0002-002 05/01/2024

	Rates	Fringes
CARPENTERS (ST. LOUIS COUNTY AND CITY).....	\$ 41.71	21.85

CARP0005-006 05/01/2024

	Rates	Fringes
CARPENTERS: MILLWRIGHTS & PILEDRIVERS (CASS (RICHARDS-GEBAUER AFB ONLY), CLAY, JACKSON, PLATTE AND RAY COUNTIES).....	\$ 44.63	22.40
CARPENTERS: CARPENTERS & LATHERS (CASS (RICHARDS-GEBAUER AFB ONLY), CLAY, JACKSON, PLATTE AND RAY COUNTIES).....	\$ 44.63	22.40

CARP0011-001 05/01/2024

	Rates	Fringes
CARPENTER AND PILEDRIVER (WARREN COUNTY).....	\$ 38.04	22.40
CARPENTER AND PILEDRIVER (PIKE, ST. FRANCOIS AND WASHINGTON COUNTIES).....	\$ 36.13	22.40
CARPENTER AND PILEDRIVER (LINCOLN COUNTY).....	\$ 38.04	22.40
CARPENTER AND PILEDRIVER (JEFFERSON AND ST. CHARLES COUNTIES).....	\$ 42.19	22.40
CARPENTER AND PILEDRIVER (FRANKLIN COUNTY).....	\$ 42.19	22.40
CARPENTER AND PILEDRIVER (CRAWFORD, DENT, GASCONADE, IRON, MADISON, MARIES, MONTGOMERY, PHELPS, PULASKI, REYNOLDS, SHANNON AND TEXAS COUNTIES).....	\$ 35.37	22.40
CARPENTER AND PILEDRIVER (CARTER, HOWELL, OREGON AND RIPLEY COUNTIES).....	\$ 34.04	22.40
CARPENTER AND PILEDRIVER (BUCHANAN, CLINTON, JOHNSON AND LAFAYETTE COUNTIES).....	\$ 34.98	22.40
CARPENTER AND PILEDRIVER (BOLLINGER, BUTLER, CAPE GIRARDEAU, DUNKLIN, MISSISSIPPI, NEW MADRID, PEMISCOT, PERRY, STE. GENEVIEVE, SCOTT, STODDARD AND WAYNE COUNTIES).....	\$ 35.37	22.40
CARPENTER AND PILEDRIVER (BENTON, MORGAN AND PETTIS).....	\$ 34.98	22.40
CARPENTER AND PILEDRIVER (BARRY, BARTON, CAMDEN, CEDAR, CHRISTIAN, DADE, DALLAS, DOUGLAS, GREENE, HICKORY, JASPER, LACLEDE, LAWRENCE, MCDONALD, NEWTON, OZARK, POLK, STONE, TANEY, VERNON, WEBSTER AND WRIGHT COUNTIES).....	\$ 33.25	22.40
CARPENTER AND PILEDRIVER (AUDRAIN (EAST OF HWY.19), RALLS, MARION, LEWIS, CLARK AND SCOTLAND COUNTIES)..	\$ 35.61	22.40
CARPENTER AND PILEDRIVER (ATCHISON, ANDREW, BATES, CALDWELL, CARROLL, DAVIESS, DEKALB, GENTRY, GRUNDY, HARRISON, HENRY, HOLT, LIVINGSTON, MERCER, NODAWAY, ST. CLAIR, SALINE AND WORTH COUNTIES).....	\$ 34.98	22.40
CARPENTER AND PILEDRIVER (ADAIR, AUDRAIN (WEST OF HWY 19), BOONE, CALLAWAY, CHARITON, COLE, COOPER, HOWARD, KNOX, LINN, MACON, MILLER, MONITEAU, MONROE, OSAGE, PUTNAM, RANDOLPH, SCHUYLER, SHELBY AND SULLIVAN COUNTIES).....	\$ 35.61	22.40

ELEC0001-002 06/22/2025

	Rates	Fringes
ELECTRICIANS (BOLLINGER, BUTLER, CAPE GIRARDEAU, CARTER, DUNKLIN, FRANKLIN, IRON, JEFFERSON, LINCOLN, MADISON, MISSISSIPPI, NEW MADRID, PEMISCOT, PERRY, REYNOLDS, RIPLEY, ST. CHARLES, ST. FRANCOIS, ST. LOUIS (CITY AND COUNTY), STE. GENEVIEVE, SCOTT, STODDARD, WARREN, WASHINGTON AND WAYNE COUNTIES).....	\$ 49.29	33.64

ELEC0002-001 08/31/2025

	Rates	Fringes
LINE CONSTRUCTION:: LINEMAN & CABLE SPLICER (ADAIR, AUDRAIN, BOONE, CALLAWAY, CAMDEN, CARTER, CHARITON, CLARK, COLE, COOPER, CRAWFORD, DENT, FRANKLIN, GASCONADE, HOWARD, HOWELL, IRON, JEFFERSON, KNOX, LEWIS, LINCON, LINN, MACON, MARIES, MARION, MILLER, MONITEAU, MONROE, MONTGOMERY, MORGAN, OREGON, OSAGE, PERRY, PHELPS, PIKE, PULASKI, PUTNAM, RALLS, RANDOLPH, REYNOLDS, RIPLEY, ST. CHARLES, ST. FRANCOIS, ST. LOUIS (CITY		

AND COUNTY), STE. GENEVIEVE, SCHUYLER, SCOTLAND, SHANNON, SHELBY, SULLIV.....\$ 57.88	28.63
LINE CONSTRUCTION:: GROUNDMAN & TRUCK DRIVER (ADAIR, AUDRAIN, BOONE, CALLAWAY, CAMDEN, CARTER, CHARITON, CLARK, COLE, COOPER, CRAWFORD, DENT, FRANKLIN, GASCONADE, HOWARD, HOWELL, IRON, JEFFERSON, KNOX, LEWIS, LINCON, LINN, MACON, MARIES, MARION, MILLER, MONITEAU, MONROE, MONTGOMERY, MORGAN, OREGON, OSAGE, PERRY, PHELPS, PIKE, PULASKI, PUTNAM, RALLS, RANDOLPH, REYNOLDS, RIPLEY, ST. CHARLES, ST. FRANCOIS, ST. LOUIS (CITY AND COUNTY), STE. GENEVIEVE, SCHUYLER, SCOTLAND, SHANNON, SHELBY, SULLI.....\$ 37.95	21.35
LINE CONSTRUCTION:: EQUIPMENT OPERATOR (ADAIR, AUDRAIN, BOONE, CALLAWAY, CAMDEN, CARTER, CHARITON, CLARK, COLE, COOPER, CRAWFORD, DENT, FRANKLIN, GASCONADE, HOWARD, HOWELL, IRON, JEFFERSON, KNOX, LEWIS, LINCON, LINN, MACON, MARIES, MARION, MILLER, MONITEAU, MONROE, MONTGOMERY, MORGAN, OREGON, OSAGE, PERRY, PHELPS, PIKE, PULASKI, PUTNAM, RALLS, RANDOLPH, REYNOLDS, RIPLEY, ST. CHARLES, ST. FRANCOIS, ST. LOUIS (CITY AND COUNTY), STE. GENEVIEVE, SCHUYLER, SCOTLAND, SHANNON, SHELBY, SULLIVAN, TEXAS.....\$ 49.68	25.63

ELEC0053-005 08/31/2025

Rates

Fringes

LINE CONSTRUCTION: LINEMAN OPERATOR (ANDREW, ATCHINSON, BARRY, BARTON, BATES, BENTON, BUCHANAN, CALDWELL, CARROLL, CASS, CEDAR, CHRISTIAN, CLAY, CLINTON, DADE, DALLAS, DAVIES, DEKALB, DOUGLAS, GENTRY, GREENE, GRUNDY, HARRISON, HENRY, HICKORY, HOLT, LAFAYETTE, JACKSON, JASPER, LACLEDE, LAWRENCE, LIVINGSTON, JOHNSON, MCDONALD, MERCER, NEWTON, NODAWAY, OZARK, PETTIS, PLATTE, POLK, RAY, SALINE, ST. CLAIR, STONE, TANEY, VERNON, WEBSTER, WORTH AND WRIGHT COUNTIES).....\$ 52.45	20.13
LINE CONSTRUCTION: LINEMAN (ANDREW, ATCHINSON, BARRY, BARTON, BATES, BENTON, BUCHANAN, CALDWELL, CARROLL, CASS, CEDAR, CHRISTIAN, CLAY, CLINTON, DADE, DALLAS, DAVIES, DEKALB, DOUGLAS, GENTRY, GREENE, GRUNDY, HARRISON, HENRY, HICKORY, HOLT, LAFAYETTE, JACKSON, JASPER, LACLEDE, LAWRENCE, LIVINGSTON, JOHNSON, MCDONALD, MERCER, NEWTON, NODAWAY, OZARK, PETTIS, PLATTE, POLK, RAY, SALINE, ST. CLAIR, STONE, TANEY, VERNON, WEBSTER, WORTH AND WRIGHT COUNTIES).....\$ 58.15	27.56
LINE CONSTRUCTION: GROUNDMAN POWDERMAN (ANDREW, ATCHINSON, BARRY, BARTON, BATES, BENTON, BUCHANAN, CALDWELL, CARROLL, CASS, CEDAR, CHRISTIAN, CLAY, CLINTON, DADE, DALLAS, DAVIES, DEKALB, DOUGLAS, GENTRY, GREENE, GRUNDY, HARRISON, HENRY, HICKORY, HOLT, LAFAYETTE, JACKSON, JASPER, LACLEDE, LAWRENCE, LIVINGSTON, JOHNSON, MCDONALD, MERCER, NEWTON, NODAWAY, OZARK, PETTIS, PLATTE, POLK, RAY, SALINE, ST. CLAIR, STONE, TANEY, VERNON, WEBSTER, WORTH AND WRIGHT COUNTIES).....\$ 38.44	20.76
LINE CONSTRUCTION: GROUNDMAN (ANDREW, ATCHINSON, BARRY, BARTON, BATES, BENTON, BUCHANAN, CALDWELL, CARROLL, CASS, CEDAR, CHRISTIAN, CLAY, CLINTON, DADE, DALLAS, DAVIES, DEKALB, DOUGLAS, GENTRY, GREENE, GRUNDY, HARRISON, HENRY, HICKORY, HOLT, LAFAYETTE, JACKSON, JASPER, LACLEDE, LAWRENCE, LIVINGSTON, JOHNSON, MCDONALD, MERCER, NEWTON,	

NODAWAY, OZARK, PETTIS, PLATTE, POLK, RAY, SALINE, ST. CLAIR, STONE, TANEY, VERNON, WEBSTER, WORTH AND WRIGHT COUNTIES).....\$ 35.86	25.88

ELEC0095-001 06/01/2025	
ELECTRICIANS: ELECTRICIANS (BARRY, BARTON, CEDAR, DADE, JASPER, LAWRENCE, MCDONALD, NEWTON, ST CLAIR, AND VERNON COUNTIES).....\$ 32.25	20.81

ELEC0124-007 09/01/2025	
ELECTRICIANS (BATES, BENTON, CARROLL, CASS, CLAY, COOPER, HENRY, JACKSON, JOHNSON, LAFAYETTE, MORGAN, PETTIS, PLATTE, RAY AND SALINE COUNTIES:).....\$ 54.01	27.85

ELEC0257-003 03/01/2025	
ELECTRICIANS:: ELECTRICIANS (AUDRAIN (EXCEPT CUIVRE TOWNSHIP), BOONE, CALLAWAY, CAMDEN, CHARITON, COLE, CRAWFORD, DENT, GASCONADE, HOWARD, MARIES, MILLER, MONITEAU, OSAGE, PHELPS AND RANDOLPH COUNTIES).....\$ 40.50	23.26

ELEC0350-002 12/01/2024	
ELECTRICIANS (ADAIR, AUDRAIN (EAST OF HIGHWAY 19), CLARK, KNOX, LEWIS, LINN, MACON, MARION, MONROE, MONTGOMERY, PIKE, PUTNAM, RALLS, SCHUYLER, SCOTLAND, SHELBY AND SULLIVAN COUNTIES).....\$ 37.60	22.14

ELEC0453-001 09/01/2024	
ELECTRICIANS: (STONE AND TANEY COUNTIES).....\$ 28.65	18.34
ELECTRICIANS: (PULASKI AND TEXAS COUNTIES).....\$ 39.70	19.84
ELECTRICIANS: (CHRISITAN, DALLAS, DOUGLAS, GREENE, HICKORY, HOWELL, LACLEDE, OREGON, OZARK, POLK, SHANNON, WEBSTER AND WRIGHT COUNTIES).....\$ 32.40	19.11

ELEC0545-003 06/01/2025	
ELECTRICIANS: (ANDREW, BUCHANAN, CLINTON, DEKALB, ATCHISON, HOLT, MERCER, GENTRY, HARRISON, DAVIESS, GRUNDY, WORTH, LIVINGSTON, NODAWAY, AND CALDWELL COUNTIES).....\$ 43.20	21.50

ELEC0702-004 01/06/2025	
LINE CONSTRUCTION:: LINEMAN (BOLLINGER, BUTLER, CAPE GIRARDEAU, DUNKLIN, MADISON, MISSISSIPPI, NEW MADRID, PEMISCOT, SCOTT, STODDARD AND WAYNE COUNTIES).....\$ 74.55	30.47
LINE CONSTRUCTION:: HEAVY-EQUIPMENT OPERATOR CLASS I (ALL CRAWLER TYPE EQUIPMENT D-4 AND LARGER) (BOLLINGER, BUTLER, CAPE GIRARDEAU, DUNKLIN, MADISON, MISSISSIPPI, NEW MADRID, PEMISCOT, SCOTT, STODDARD AND WAYNE COUNTIES).....\$ 52.13	23.97
LINE CONSTRUCTION:: GROUNDMAN-EQUIPMENT OPERATOR CLASS II (ALL OTHER EQUIPMENT) (BOLLINGER, BUTLER,	

CAPE GIRARDEAU, DUNKLIN, MADISON, MISSISSIPPI, NEW MADRID, PEMISCOT, SCOTT, STODDARD AND WAYNE COUNTIES).....	\$ 46.49	22.33
LINE CONSTRUCTION:: GROUNDMAN - CLASS A (BOLLINGER, BUTLER, CAPE GIRARDEAU, DUNKLIN, MADISON, MISSISSIPPI, NEW MADRID, PEMISCOT, SCOTT, STODDARD AND WAYNE COUNTIES).....	\$ 38.18	19.92

ENG10101-001 05/01/2025

	Rates	Fringes
POWER EQUIPMENT OPERATORS: GROUP 3 AREA 1.....	\$ 36.43	21.87
POWER EQUIPMENT OPERATORS: GROUP 2 AREA 1.....	\$ 38.43	21.87
POWER EQUIPMENT OPERATORS: GROUP 1 AREA 1.....	\$ 38.83	21.87

ENG10101-005 04/01/2025

	Rates	Fringes
POWER EQUIPMENT OPERATORS: GROUP 4 (CASS, CLAY, JACKSON, PLATTE AND RAY COUNTIES).....	\$ 38.01	22.29
POWER EQUIPMENT OPERATORS: GROUP 3 (CASS, CLAY, JACKSON, PLATTE AND RAY COUNTIES).....	\$ 34.66	22.29
POWER EQUIPMENT OPERATORS: GROUP 2 (CASS, CLAY, JACKSON, PLATTE AND RAY COUNTIES).....	\$ 39.13	22.29
POWER EQUIPMENT OPERATORS: GROUP 1 (CASS, CLAY, JACKSON, PLATTE AND RAY COUNTIES).....	\$ 40.17	22.29

ENG10101-022 05/01/2025

	Rates	Fringes
POWER EQUIPMENT OPERATORS: GROUP 4 (BARRY, BARTON, CAMDEN, CEDAR, CHRISTIAN, DADE, DALLAS, DOUGLAS, GREENE, HICKORY, JASPER, LACLEDE, LAWRENCE, MCDONALD, NEWTON, OZARK, POLK, ST. CLAIR, STONE, TANEY, VERNON, WEBSTER AND WRIGHT COUNTIES and CITY OF SPRINGFIELD).....	\$ 34.00	19.32
POWER EQUIPMENT OPERATORS: GROUP 3 (BARRY, BARTON, CAMDEN, CEDAR, CHRISTIAN, DADE, DALLAS, DOUGLAS, GREENE, HICKORY, JASPER, LACLEDE, LAWRENCE, MCDONALD, NEWTON, OZARK, POLK, ST. CLAIR, STONE, TANEY, VERNON, WEBSTER AND WRIGHT COUNTIES and CITY OF SPRINGFIELD).....	\$ 36.05	19.32
POWER EQUIPMENT OPERATORS: GROUP 2 (BARRY, BARTON, CAMDEN, CEDAR, CHRISTIAN, DADE, DALLAS, DOUGLAS, GREENE, HICKORY, JASPER, LACLEDE, LAWRENCE, MCDONALD, NEWTON, OZARK, POLK, ST. CLAIR, STONE, TANEY, VERNON, WEBSTER AND WRIGHT COUNTIES and CITY OF SPRINGFIELD).....	\$ 36.25	19.32
POWER EQUIPMENT OPERATORS: GROUP 1 (BARRY, BARTON, CAMDEN, CEDAR, CHRISTIAN, DADE, DALLAS, DOUGLAS, GREENE, HICKORY, JASPER, LACLEDE, LAWRENCE, MCDONALD, NEWTON, OZARK, POLK, ST. CLAIR, STONE, TANEY, VERNON, WEBSTER AND WRIGHT COUNTIES and CITY OF SPRINGFIELD).....	\$ 36.60	19.32

ENG10513-004 05/05/2025

	Rates	Fringes
POWER EQUIPMENT OPERATORS: GROUP 4 (FRANKLIN, JEFFERSON, LINCOLN, ST CHARLES, AND WARREN COUNTIES).....	\$ 44.22	30.96
POWER EQUIPMENT OPERATORS: GROUP 3 (FRANKLIN, JEFFERSON, LINCOLN, ST CHARLES, AND WARREN COUNTIES).....	\$ 44.66	30.96
POWER EQUIPMENT OPERATORS: GROUP 2 (FRANKLIN,		

JEFFERSON, LINCOLN, ST CHARLES, AND WARREN COUNTIES).....	\$ 45.96	30.96
POWER EQUIPMENT OPERATORS: GROUP 1 (FRANKLIN, JEFFERSON, LINCOLN, ST CHARLES, AND WARREN COUNTIES).....	\$ 45.96	30.96

ENGI0513-006 05/01/2025

Rates

Fringes

POWER EQUIPMENT OPERATORS: GROUP 4 (ADAIR, AUDRAIN, BOLLINGER, BOONE, BUTLER, CALLAWAY, CAPE GIRARDEAU, CARTER, CLARK, COLE, CRAWFORD, DENT, DUNKLIN, GASCONADE, HOWELL, IRON, KNOX, LEWIS, MACON, MADISON, MARIES, MARION, MILLER, MISSISSIPPI, MONITEAU, MONROE, MONTGOMERY, MORGAN, NEW MADRID, OREGON, OSAGE, PEMISCOT, PERRY, PHELPS, PIKE, PULASKI, PUTNAM, RALLS, RANDOLPH, REYNOLDS, RIPLEY, ST. FRANCOIS, STE. GENEVIEVE, SCHUYLER, SCOTLAND, SCOTT, SHANNON, SHELBY, STODDARD, TEXAS, WASHINGTON, AND WAY.....	\$ 36.19	30.33
POWER EQUIPMENT OPERATORS: GROUP 3 (ADAIR, AUDRAIN, BOLLINGER, BOONE, BUTLER, CALLAWAY, CAPE GIRARDEAU, CARTER, CLARK, COLE, CRAWFORD, DENT, DUNKLIN, GASCONADE, HOWELL, IRON, KNOX, LEWIS, MACON, MADISON, MARIES, MARION, MILLER, MISSISSIPPI, MONITEAU, MONROE, MONTGOMERY, MORGAN, NEW MADRID, OREGON, OSAGE, PEMISCOT, PERRY, PHELPS, PIKE, PULASKI, PUTNAM, RALLS, RANDOLPH, REYNOLDS, RIPLEY, ST. FRANCOIS, STE. GENEVIEVE, SCHUYLER, SCOTLAND, SCOTT, SHANNON, SHELBY, STODDARD, TEXAS, WASHINGTON, AND WAY.....	\$ 39.84	30.33
POWER EQUIPMENT OPERATORS: GROUP 2 (ADAIR, AUDRAIN, BOLLINGER, BOONE, BUTLER, CALLAWAY, CAPE GIRARDEAU, CARTER, CLARK, COLE, CRAWFORD, DENT, DUNKLIN, GASCONADE, HOWELL, IRON, KNOX, LEWIS, MACON, MADISON, MARIES, MARION, MILLER, MISSISSIPPI, MONITEAU, MONROE, MONTGOMERY, MORGAN, NEW MADRID, OREGON, OSAGE, PEMISCOT, PERRY, PHELPS, PIKE, PULASKI, PUTNAM, RALLS, RANDOLPH, REYNOLDS, RIPLEY, ST. FRANCOIS, STE. GENEVIEVE, SCHUYLER, SCOTLAND, SCOTT, SHANNON, SHELBY, STODDARD, TEXAS, WASHINGTON, AND WAY.....	\$ 40.04	30.33
POWER EQUIPMENT OPERATORS: GROUP 1 (ADAIR, AUDRAIN, BOLLINGER, BOONE, BUTLER, CALLAWAY, CAPE GIRARDEAU, CARTER, CLARK, COLE, CRAWFORD, DENT, DUNKLIN, GASCONADE, HOWELL, IRON, KNOX, LEWIS, MACON, MADISON, MARIES, MARION, MILLER, MISSISSIPPI, MONITEAU, MONROE, MONTGOMERY, MORGAN, NEW MADRID, OREGON, OSAGE, PEMISCOT, PERRY, PHELPS, PIKE, PULASKI, PUTNAM, RALLS, RANDOLPH, REYNOLDS, RIPLEY, ST. FRANCOIS, STE. GENEVIEVE, SCHUYLER, SCOTLAND, SCOTT, SHANNON, SHELBY, STODDARD, TEXAS, WASHINGTON, AND WAY.....	\$ 40.39	30.33

ENGI0513-007 05/05/2025

Rates

Fringes

POWER EQUIPMENT OPERATORS: GROUP 4 (ST. LOUIS CITY AND COUNTY).....	\$ 44.22	30.96
POWER EQUIPMENT OPERATORS: GROUP 3 (ST. LOUIS CITY AND COUNTY).....	\$ 44.66	30.96
POWER EQUIPMENT OPERATORS: GROUP 2 (ST. LOUIS CITY AND COUNTY).....	\$ 45.96	30.96
POWER EQUIPMENT OPERATORS: GROUP 1 (ST. LOUIS CITY AND COUNTY).....	\$ 45.96	30.96

IRON0010-012 04/01/2025		
	Rates	Fringes
IRONWORKERS: (ATCHISON, BATES, BUCHANAN, CALDWELL, CARROLL, CASS, CLAY, CLINTON, HENRY, JACKSON, JOHNSON, LAFAYETTE, PETTIS, PLATTE, SALINE, AND RAY COUNTIES).....	\$ 39.00	34.25
IRONWORKERS: (ANDREW, BARTON, BENTON, CAMDEN, CEDAR, CHARITON, CHRISTIAN, COOPER, DADE, DALLAS, DAVIESS, DE KALB, GENTRY, GREENE, GRUNDY, HARRISON, HICKORY, HOLT, HOWARD, LACLEDE, LINN, LIVINGSTON, MERCER, MONITEAU, MORGAN, NODAWAY, PETTIS, POLK, PUTNAM, RANDLOPH, ST. CLAIR, SULLIVAN, TANEY, VERNON, WEBSTER, WRIGHT AND WORTH COUNTIES AND PORTIONS OF ADAIR, BOONE, MACON, MILLER AND RANDOLPH COUNTIES).....	\$ 36.00	34.25

IRON0010-020 04/01/2025		
	Rates	Fringes
IRONWORKERS: (BARRY, JASPER, LAWRENCE, MCDONALD, NEWTON AND STONE COUNTIES).....	\$ 36.00	34.25

IRON0321-002 08/01/2023		
	Rates	Fringes
IRONWORKER (DOUGLAS, HOWELL AND OZARK COUNTIES).....	\$ 27.00	20.96

IRON0396-004 08/06/2025		
	Rates	Fringes
IRONWORKER (ST. LOUIS (CITY AND COUNTY), ST. CHARLES, JEFFERSON, IRON, FRANKLIN, LINCOLN, WARREN, WASHINGTON, ST. FRANCOIS, STE. GENEVIEVE, AND REYNOLDS COUNTIES; AND PORTIONS OF MADISON, PERRY, BOLLINGER, WAYNE, AND CARTER COUNTIES).....	\$ 44.27	31.65

IRON0396-009 08/07/2024		
	Rates	Fringes
IRONWORKER (AUDRAIN, CALLAWAY, COLE, CRAWFORD, DENT, GASCONADE, MARIES, MONTGOMERY, OSAGE, PHELPS, PIKE, PULASKI, TEXAS AND WRIGHT COUNTIES; AND PORTIONS OF BOONE, CAMDEN, DOUGLAS, HOWELL, LACLEDE, MILLER, MONROE, OREGON, SHANNON AND RALLS COUNTIES).....	\$ 41.67	31.25

IRON0577-005 06/01/2025		
	Rates	Fringes
IRONWORKER (ADAIR, CLARK, KNOX, LEWIS, MACON, MARION, MONROE, RALLS, SCHUYLER, SCOTLAND, AND SHELBY COUNTIES).....	\$ 36.30	25.80

IRON0782-003 08/01/2023		
	Rates	Fringes
IRONWORKERS:: LOCKS, DAMS, BRIDGES AND OTHER MAJOR WORK ON THE MISSISSIPPI AND OHIO RIVER ONLY (CAPE GIRARDEAU, MISSISSIPPI, NEW MADRID, SCOTT, & STODDARD COUNTIES; AND PORTIONS OF BOLLINGER, BUTLER, CARTER, DUNKLIN, MADISON, PEMISCOT, PERRY, RIPLEY, AND WAYNE COUNTIES).....	\$ 38.77	29.51

MISSISSIPPI, NEW MADRID, SCOTT, & STODDARD COUNTIES; AND PORTIONS OF BOLLINGER, BUTLER, CARTER, DUNKLIN, MADISON, PEMISCOT, PERRY, RIPLEY, AND WAYNE COUNTIES).....	\$ 33.47	24.12
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LAB00042-003 06/04/2025		
	Rates	Fringes
LABORER: PLUMBER LABORER (ST. LOUIS (CITY AND COUNTY)).....	\$ 40.82	17.56

LAB00042-005 06/04/2025		
	Rates	Fringes
LABORER: WRECKING (ST. LOUIS (CITY AND COUNTY)).....	\$ 40.82	17.56
LABORER: LABORERS, FLAGGERS (ST. LOUIS (CITY AND COUNTY)).....	\$ 40.82	17.56
LABORER: DYNAMITER, POWDERMAN (ST. LOUIS (CITY AND COUNTY)).....	\$ 40.82	17.56

LAB00110-005 05/01/2025		
	Rates	Fringes
LABORER: GROUP 2 SKILLED LABORERS - VIBRATOR MAN; ASPHALT RAKER; HEAD PIPE LAYER ON SEWER WORK; BATTERBOARD MAN ON PIPE AND DITCH WORK; CLIFF SCALERS WORKING FROM BOSUN'S CHAIRS; SCAFFOLDS OR PLATFORMS ON DAMS OR POWER PLANTS OVER 10 FT. HIGH; AIR TOOL OPERATOR OVER 65 LBS.; STRINGLINE MAN ON CONCRETE PAVING; SANDBLAST MAN; LASER BEAM MAN; WAGON DRILL; CHURN DRILL; AIR TRACK DRILL AND ALL OTHER SIMILAR TYPE DRILLS, GUNITE NOZZLE MAN; PRESSURE GROUT MAN; SCREED MAN ON ASPHALT; CONCRETE SAW 15 H.P. AND OVER; GRADE CHECKER; STRIGLINE MAN ON ELECTRONIC GRADE CONTROL; MANHOLE BUILDER; DYNAMITE MAN; POWDER MAN; WELDER; TUNNEL MAN; WATERBLASTER - 1000 PSI OR OVER; ASBESTOS AND/OR HAZARDOUS WASTE REMOVAL AND/OR DISPOSAL (JEFFERSON COUNTY).....	\$ 40.36	15.96
LABORER: GROUP 1 GENERAL LABORER-FLAGMAN, CARPENTER TENDERS; SALAMANDER TENDERS; DUMP MAN; TICKET TAKERS; LOADING TRUCKS UNDER BINS, HOPPERS, AND CONVEYORS; TRACK MAN; CEMENT HANDLER; DUMP MAN ON EARTH FILL; GEORGIE BUGGIE MAN; MATERIAL BATCH HOPPER MAN; SPREADER ON ASPHALT MACHINE; MATERIAL MIXER MAN (EXCEPT ON MANHOLES); COFFER DAMS; RIPRAP PAVERS ROCK, BLOCK OR BRICK; SCAFFOLDS OVER TEN FEET NOT SELF-SUPPORTED FROM GROUND UP; SKIP MAN ON CONCRETE PAVING; WIRE MESH SETTERS ON CONCRETE PAVING; ALL WORK IN CONNECTION WITH SEWER, WATER, GAS, GASOLING, OIL, DRAINAGE PIPE, CONDUIT PIPE, TILE AND DUCT LINES AND ALL OTHER PIPE LINES; POWER TOOL OPERATOR; ALL WORK IN CONNECTION WITH HYDRAULIC OR GENERAL DREDGING OPERATIONS; FORM SETTERS, PUDDLERS (PAVING ONLY); STRAW BLOWER NOZZLEMAN; ASPHALT PLANT PLATFORM MAN; CHUCK TENDER; CRUSHER FEEDER; MEN HANDLING CREOSOTE TIES OR CREOSOTE MATERIALS; MEN WORKING WITH AND HANDLING EPOXY MATERIAL; TOPPER OF STANDING TREES; FEEDER MAN ON WOOD PULVERIZERS, BOARD AND WILLOW MAT WEAVERS AND CABELEEE TIERS ON RIVER WORK; DECK HANDS; PILE DIKE AND REVETMENT WORK; ALL LABORERS WORKING ON UNDERGROUND TUNNELS LESS THAN 25 FT. WHERE COMPRESSED AIR IS NOT USED; ABUTEMENT AND PIER HOLE MEN WORKING SIX (6) FT. OR MORE BELOW		

GROUND; MEN WORKING IN COFFER DAMS FOR BRIDGE PIERS AND FOOTING IN THE RIVER; BARCO TAMPER; JACKSON OR ANY OTHER SIMILAR TAMP; CUTTING TORCH MAN; LINERS, CURB, GUTTERS, DITCH LINES; HOT MASTIC KETTLEMEN; HOT TAR APPLICATOR; HAND BLADE OPERATOR; MORTAR MEN OR BRICK OR BLOCK MANHOLES; RUBBING CONCRETE, AIR TOOL OPERATOR UNDER 65 LBS.; CAULKER AND LEAD MAN; CHAIN OR CONCRETE SAW UNDER 15 H.P.; SIGNAL GAN; GUARD RAIL AND SIGN ERECTORS. (JEFFERSON COUNTY)...	\$ 40.36	15.96
LABORER GROUP 2 SKILLED LABORERS - VIBRATOR MAN; ASPHALT RAKER; HEAD PIPE LAYER ON SEWER WORK; BATTERBOARD MAN ON PIPE AND DITCH WORK; CLIFF SCALERS WORKING FROM BOSUN'S CHAIRS; SCAFFOLDS OR PLATFORMS ON DAMS OR POWER PLANTS OVER 10 FT. HIGH; AIR TOOL OPERATOR OVER 65 LBS.; STRINGLINE MAN ON CONCRETE PAVING; SANDBLAST MAN; LASER BEAM MAN; WAGON DRILL; CHURN DRILL; AIR TRACK DRILL AND ALL OTHER SIMILAR TYPE DRILLS, GUNITE NOZZLE MAN; PRESSURE GROUT MAN; SCREED MAN ON ASPHALT; CONCRETE SAW 15 H.P. AND OVER; GRADE CHECKER; STRIGLINE MAN ON ELECTRONIC GRADE CONTROL; MANHOLE BUILDER; DYNAMITE MAN; POWDER MAN; WELDER; TUNNEL MAN; WATERBLASTER - 1000 PSI OR OVER; ASBESTOS AND/OR HAZARDOUS WASTE REMOVAL AND/OR DISPOSAL (WASHINGTON COUNTY).....		
	\$ 37.25	15.96
LABORER GROUP 1 GENERAL LABORER-FLAGMAN, CARPENTER TENDERS; SALAMANDER TENDERS; DUMP MAN; TICKET TAKERS; LOADING TRUCKS UNDER BINS, HOPPERS, AND CONVEYORS; TRACK MAN; CEMENT HANDLER; DUMP MAN ON EARTH FILL; GEORGIE BUGGIE MAN; MATERIAL BATCH HOPPER MAN; SPREADER ON ASPHALT MACHINE; MATERIAL MIXER MAN (EXCEPT ON MANHOLES); COFFER DAMS; RIPRAP PAVERS ROCK, BLOCK OR BRICK; SCAFFOLDS OVER TEN FEET NOT SELF-SUPPORTED FROM GROUND UP; SKIP MAN ON CONCRETE PAVING; WIRE MESH SETTERS ON CONCRETE PAVING; ALL WORK IN CONNECTION WITH SEWER, WATER, GAS, GASOLING, OIL, DRAINAGE PIPE, CONDUIT PIPE, TILE AND DUCT LINES AND ALL OTHER PIPE LINES; POWER TOOL OPERATOR; ALL WORK IN CONNECTION WITH HYDRAULIC OR GENERAL DREDGING OPERATIONS; FORM SETTERS, PUDDLERS (PAVING ONLY); STRAW BLOWER NOZZLEMAN; ASPHALT PLANT PLATFORM MAN; CHUCK TENDER; CRUSHER FEEDER; MEN HANDLING CREOSOTE TIES OR CREOSOTE MATERIALS; MEN WORKING WITH AND HANDLING EPOXY MATERIAL; TOPPER OF STANDING TREES; FEEDER MAN ON WOOD PULVERIZERS, BOARD AND WILLOW MAT WEAVERS AND CABELEEE TIERS ON RIVER WORK; DECK HANDS; PILE DIKE AND REVETMENT WORK; ALL LABORERS WORKING ON UNDERGROUND TUNNELS LESS THAN 25 FT. WHERE COMPRESSED AIR IS NOT USED; ABUTEMENT AND PIER HOLE MEN WORKING SIX (6) FT. OR MORE BELOW GROUND; MEN WORKING IN COFFER DAMS FOR BRIDGE PIERS AND FOOTING IN THE RIVER; BARCO TAMPER; JACKSON OR ANY OTHER SIMILAR TAMP; CUTTING TORCH MAN; LINERS, CURB, GUTTERS, DITCH LINES; HOT MASTIC KETTLEMEN; HOT TAR APPLICATOR; HAND BLADE OPERATOR; MORTAR MEN OR BRICK OR BLOCK MANHOLES; RUBBING CONCRETE, AIR TOOL OPERATOR UNDER 65 LBS.; CAULKER AND LEAD MAN; CHAIN OR CONCRETE SAW UNDER 15 H.P.; SIGNAL GAN; GUARD RAIL AND SIGN ERECTORS. (WASHINGTON COUNTY)...		
	\$ 37.25	15.96

LAB00579-005 05/01/2023

Rates

Fringes

LABORER: GROUP 2 SKILLED LABORERS - HEAD PIPE LAYER

ON SEWER WORK; LASER BEAM MAN; JACKSON OR ANY OTHER SIMILAR TAMP; CUTTING TORCH MAN; FORM SETTERS; LINERS AND STRINGLINE MEN ON CONCRETE PAVING, CURB, GUTTERS; HOT MASTIC KETTLEMAN; HOT TAR APPLICATOR; SANDBLASTING AND GUNITE NOZZLEMEN; AIR TOOL OPERATOR IN TUNNELS; SCREED MAN ON ASPHALT MACHINE; ASPHALT RAKER; BARCO TAMPER; CHURN DRILLS; AIR TRACK DRILLS AND ALL SIMILAR DRILLS; VIBRATOR MAN; STRINGLINE MAN FOR ELECTRONIC GRADE CONTROL; MANHOLE BUILDERS-BRICK OR BLOCK; DYNAMITE AND POWDER MEN; GRADE CHECKER. (LAFAYETTE COUNTY).....\$ 30.13	15.85
LABORER: GROUP 1 GENERAL LABORERS - CARPENTER TENDERS; SALAMANDER TENDERS; LOADING TRUCKS UNDER BINS; HOPPERS & CONVEYORS; TRACK MEN & ALL OTHER GENERAL LABORERS; AIR TOOL OPERATOR; CEMENT HANDLER-BULK OR SACK; DUMP MAN ON EARTH FILL; GEORGIE BUGGIE MAN; MATERIAL BATCH HOPPER MAN; MATERIAL MIXER MAN (EXCEPT ON MANHOLES); COFFER DAMS; RIPRAP PAVERS - ROCK, BLOCK OR BRICK; SIGNAL MAN; SCAFFOLDS OVER TEN FEET NOT SELF-SUPPORTED FROM GROUND UP; SKIPMAN ON CONCRETE PAVING; WIRE MESH SETTERS ON CONCRETE PAVING; ALL WORK IN CONNECTION WITH SEWER, WATER, GAS, GASOLINE, OIL DRAINAGE PIPE, CONDUIT PIPE, TILE AND DUCT LINES AND ALL OTHER PIPE LINES; POWER TOOL OPERATOR, ALL WORK IN CONNECTION WITH HYDRAULIC OR GENERAL DREDGING OPERATIONS; PUDDLERS (PAVING ONLY); STRAW BLOWER NOZZLEMAN; ASPHALT PLANT PLATFORM MAN; CHUCK TENDER; CRUSHER FEEDER; MEN HANDLING CREOSOTE TIES OR CREOSOTE MATERIALS; MEN WORKING WITH AND HANDLING EPOXY MATERIAL OR MATERIALS (WHERE SPECIAL PROTECTION IS REQUIRED); RUBBING CONCRETE; TOPPER OF STANDING TREES; BATTER BOARD MAN ON PIPE AND DITCH WORK; FEEDER MAN ON WOOD PULVERIZERS; BOARD AND WILLOW MAT WEAVERS AND CABLE TIERS ON RIVER WORK; DECK HANDS; PILE DIKE AND REVETMENT WORK; ALL LABORERS WORKING ON UNDERGROUND TUNNELS LESS THAN 25 FEET WHERE COMPRESSED AIR IS NOT USED; ABUTMENT AND PIER HOLE MEN WORKING SIX (6) FEET OR MORE BELOW GROUND; MEN WORKING IN COFFER DAMS FOR BRIDGE PIERS AND FOOTINGS IN THE RIVER; DITCHLINERS; PRESSURE GROUTMEN; CAULKER; CHAIN OR CONCRETE SAW; CLIFFSCALERS WORKING FROM SCAFFOLDS, BOSUNS' CHAIRS OR PLATFORMS ON DAMS OR POWER PLANTS OVER (10) FEET ABOVE GROUND; MORTARMEN ON BRICK OR BLOCK MANHOLES; TOXIC AND HAZARDOUS WASTE WORK. (LAFAYETTE COUNTY).\$ 29.78	15.85
LABORER, GROUP 2 SKILLED LABORERS - HEAD PIPE LAYER ON SEWER WORK; LASER BEAM MAN; JACKSON OR ANY OTHER SIMILAR TAMP; CUTTING TORCH MAN; FORM SETTERS; LINERS AND STRINGLINE MEN ON CONCRETE PAVING, CURB, GUTTERS; HOT MASTIC KETTLEMAN; HOT TAR APPLICATOR; SANDBLASTING AND GUNITE NOZZLEMEN; AIR TOOL OPERATOR IN TUNNELS; SCREED MAN ON ASPHALT MACHINE; ASPHALT RAKER; BARCO TAMPER; CHURN DRILLS; AIR TRACK DRILLS AND ALL SIMILAR DRILLS; VIBRATOR MAN; STRINGLINE MAN FOR ELECTRONIC GRADE CONTROL; MANHOLE BUILDERS-BRICK OR BLOCK; DYNAMITE AND POWDER MEN; GRADE CHECKER. (BARRY, BARTON, BATES, BENTON, CAMDEN, CARROLL, CEDAR, CHRISTIAN, DADE, DALLAS, DOUGLAS, GREENE, HENRY. HICKORY, JASPER, JOHNSON, LACLEDE, LAWRENCE, MCDONALD, MORGAN, NEWTON, OZARK, PETTIS, POLK, ST.CLAIR, SALINE, STONE, TANEY, VERNON, WEBSTER AND WRIGHT COUNTIES)..\$ 28.78	15.60
LABORER, GROUP 2 SKILLED LABORERS - HEAD PIPE LAYER ON SEWER WORK; LASER BEAM MAN; JACKSON OR ANY OTHER	

SIMILAR TAMP; CUTTING TORCH MAN; FORM SETTERS; LINERS AND STRINGLINE MEN ON CONCRETE PAVING, CURB, GUTTERS; HOT MASTIC KETTLEMAN; HOT TAR APPLICATOR; SANDBLASTING AND GUNITE NOZZLEMEN; AIR TOOL OPERATOR IN TUNNELS; SCREED MAN ON ASPHALT MACHINE; ASPHALT RAKER; BARCO TAMPER; CHURN DRILLS; AIR TRACK DRILLS AND ALL SIMILAR DRILLS; VIBRATOR MAN; STRINGLINE MAN FOR ELECTRONIC GRADE CONTROL; MANHOLE BUILDERS-BRICK OR BLOCK; DYNAMITE AND POWDER MEN; GRADE CHECKER. (ANDREW, ATCHISON, BUCHANAN, CALDWELL, CLINTON, DAVIESS, DEKALB, GENTRY, GRUNDY, HARRISON, HOLT, LIVINGSTON, MERCER, NODAWAY AND WORTH COUNTIES).....\$ 29.39	16.59
LABORER, GROUP 1 GENERAL LABORERS - CARPENTER TENDERS; SALAMANDER TENDERS; LOADING TRUCKS UNDER BINS; HOPPERS & CONVEYORS; TRACK MEN & ALL OTHER GENERAL LABORERS; AIR TOOL OPERATOR; CEMENT HANDLER-BULK OR SACK; DUMP MAN ON EARTH FILL; GEORGIE BUGGIE MAN; MATERIAL BATCH HOPPER MAN; MATERIAL MIXER MAN (EXCEPT ON MANHOLES); COFFER DAMS; RIPRAP PAVERS - ROCK, BLOCK OR BRICK; SIGNAL MAN; SCAFFOLDS OVER TEN FEET NOT SELF-SUPPORTED FROM GROUND UP; SKIPMAN ON CONCRETE PAVING; WIRE MESH SETTERS ON CONCRETE PAVING; ALL WORK IN CONNECTION WITH SEWER, WATER, GAS, GASOLINE, OIL DRAINAGE PIPE, CONDUIT PIPE, TILE AND DUCT LINES AND ALL OTHER PIPE LINES; POWER TOOL OPERATOR, ALL WORK IN CONNECTION WITH HYDRAULIC OR GENERAL DREDGING OPERATIONS; PUDDLERS (PAVING ONLY); STRAW BLOWER NOZZLEMAN; ASPHALT PLANT PLATFORM MAN; CHUCK TENDER; CRUSHER FEEDER; MEN HANDLING CREOSOTE TIES OR CREOSOTE MATERIALS; MEN WORKING WITH AND HANDLING EPOXY MATERIAL OR MATERIALS (WHERE SPECIAL PROTECTION IS REQUIRED); RUBBING CONCRETE; TOPPER OF STANDING TREES; BATTER BOARD MAN ON PIPE AND DITCH WORK; FEEDER MAN ON WOOD PULVERIZERS; BOARD AND WILLOW MAT WEAVERS AND CABLE TIERS ON RIVER WORK; DECK HANDS; PILE DIKE AND REVETMENT WORK; ALL LABORERS WORKING ON UNDERGROUND TUNNELS LESS THAN 25 FEET WHERE COMPRESSED AIR IS NOT USED; ABUTMENT AND PIER HOLE MEN WORKING SIX (6) FEET OR MORE BELOW GROUND; MEN WORKING IN COFFER DAMS FOR BRIDGE PIERS AND FOOTINGS IN THE RIVER; DITCHLINERS; PRESSURE GROUTMEN; CAULKER; CHAIN OR CONCRETE SAW; CLIFFSCALERS WORKING FROM SCAFFOLDS, BOSUNS' CHAIRS OR PLATFORMS ON DAMS OR POWER PLANTS OVER (10) FEET ABOVE GROUND; MORTARMEN ON BRICK OR BLOCK MANHOLES; TOXIC AND HAZARDOUS WASTE WORK. (BARRY, BARTON, BATES, BENTON, CAMDEN, CARROLL, CEDAR, CHRISTIAN, DADE, DALLAS, DOUGLAS, GREENE, HENRY. HICKORY, JASPER, JOHNSON, LACLEDE, LAWRENCE, MCDONALD, MORGAN, NEWTON, OZARK, PETTIS, POLK, ST.CLAIR, SALINE, STONE, TANEY, VERNON, WEBSTER AND WRIGHT COUNTIES).....\$ 28.23	15.60
LABORER, GROUP 1 GENERAL LABORERS - CARPENTER TENDERS; SALAMANDER TENDERS; LOADING TRUCKS UNDER BINS; HOPPERS & CONVEYORS; TRACK MEN & ALL OTHER GENERAL LABORERS; AIR TOOL OPERATOR; CEMENT HANDLER-BULK OR SACK; DUMP MAN ON EARTH FILL; GEORGIE BUGGIE MAN; MATERIAL BATCH HOPPER MAN; MATERIAL MIXER MAN (EXCEPT ON MANHOLES); COFFER DAMS; RIPRAP PAVERS - ROCK, BLOCK OR BRICK; SIGNAL MAN; SCAFFOLDS OVER TEN FEET NOT SELF-SUPPORTED FROM GROUND UP; SKIPMAN ON CONCRETE PAVING; WIRE MESH SETTERS ON CONCRETE PAVING; ALL WORK IN	

CONNECTION WITH SEWER, WATER, GAS, GASOLINE, OIL DRAINAGE PIPE, CONDUIT PIPE, TILE AND DUCT LINES AND ALL OTHER PIPE LINES; POWER TOOL OPERATOR, ALL WORK IN CONNECTION WITH HYDRAULIC OR GENERAL DREDGING OPERATIONS; PUDDLERS (PAVING ONLY); STRAW BLOWER NOZZLEMAN; ASPHALT PLANT PLATFORM MAN; CHUCK TENDER; CRUSHER FEEDER; MEN HANDLING CREOSOTE TIES OR CREOSOTE MATERIALS; MEN WORKING WITH AND HANDLING EPOXY MATERIAL OR MATERIALS (WHERE SPECIAL PROTECTION IS REQUIRED); RUBBING CONCRETE; TOPPER OF STANDING TREES; BATTER BOARD MAN ON PIPE AND DITCH WORK; FEEDER MAN ON WOOD PULVERIZERS; BOARD AND WILLOW MAT WEAVERS AND CABLE TIERS ON RIVER WORK; DECK HANDS; PILE DIKE AND REVETMENT WORK; ALL LABORERS WORKING ON UNDERGROUND TUNNELS LESS THAN 25 FEET WHERE COMPRESSED AIR IS NOT USED; ABUTMENT AND PIER HOLE MEN WORKING SIX (6) FEET OR MORE BELOW GROUND; MEN WORKING IN COFFER DAMS FOR BRIDGE PIERS AND FOOTINGS IN THE RIVER; DITCHLINERS; PRESSURE GROUTMEN; CAULKER; CHAIN OR CONCRETE SAW; CLIFFSCALERS WORKING FROM SCAFFOLDS, BOSUNS' CHAIRS OR PLATFORMS ON DAMS OR POWER PLANTS OVER (10) FEET ABOVE GROUND; MORTARMEN ON BRICK OR BLOCK MANHOLES; TOXIC AND HAZARDOUS WASTE WORK. (ANDREW, ATCHISON, BUCHANAN, CALDWELL, CLINTON, DAVIESS, DEKALB, GENTRY, GRUNDY, HARRISON, HOLT, LIVINGSTON, MERCER, NODAWAY AND WORTH COUNTIES).....\$ 29.04	16.59
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LAB00660-004 05/01/2025

Rates

Fringes

LABORER GROUP 2 SKILLED LABORERS - VIBRATOR MAN; ASPHALT RAKER; HEAD PIPE LAYER ON SEWER WORK; BATTERBOARD MAN ON PIPE AND DITCH WORK; CLIFF SCALERS WORKING FROM BOSUN'S CHAIRS; SCAFFOLDS OR PLATFORMS ON DAMS OR POWER PLANTS OVER 10 FT. HIGH; AIR TOOL OPERATOR OVER 65 LBS.; STRINGLINE MAN ON CONCRETE PAVING; SANDBLAST MAN; LASER BEAM MAN; WAGON DRILL; CHURN DRILL; AIR TRACK DRILL AND ALL OTHER SIMILAR TYPE DRILLS, GUNITE NOZZLE MAN; PRESSURE GROUT MAN; SCREED MAN ON ASPHALT; CONCRETE SAW 15 H.P. AND OVER; GRADE CHECKER; STRIGLINE MAN ON ELECTRONIC GRADE CONTROL; MANHOLE BUILDER; DYNAMITE MAN; POWDER MAN; WELDER; TUNNEL MAN; WATERBLASTER - 1000 PSI OR OVER; ASBESTOS AND/OR HAZARDOUS WASTE REMOVAL AND/OR DISPOSAL (CLARK, KNOX, LEWIS, MARION, PIKE, RALLS, SCOTLAND, SHELBY COUNTIES).....\$ 37.25	15.96
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LABORER GROUP 1 GENERAL LABORER-FLAGMAN, CARPENTER
TENDERS; SALAMANDER TENDERS; DUMP MAN; TICKET
TAKERS; LOADING TRUCKS UNDER BINS, HOPPERS, AND
CONVEYORS; TRACK MAN; CEMENT HANDLER; DUMP MAN ON
EARTH FILL; GEORGIE BUGGIE MAN; MATERIAL BATCH
HOPPER MAN; SPREADER ON ASPHALT MACHINE; MATERIAL
MIXER MAN (EXCEPT ON MANHOLES); COFFER DAMS; RIPRAP
PAVERS ROCK, BLOCK OR BRICK; SCAFFOLDS OVER TEN
FEET NOT SELF-SUPPORTED FROM GROUND UP; SKIP MAN ON
CONCRETE PAVING; WIRE MESH SETTERS ON CONCRETE
PAVING; ALL WORK IN CONNECTION WITH SEWER, WATER,
GAS, GASOLING, OIL, DRAINAGE PIPE, CONDUIT PIPE,
TILE AND DUCT LINES AND ALL OTHER PIPE LINES; POWER
TOOL OPERATOR; ALL WORK IN CONNECTION WITH
HYDRAULIC OR GENERAL DREDGING OPERATIONS; FORM
SETTERS, PUDDLERS (PAVING ONLY); STRAW BLOWER
NOZZLEMAN; ASPHALT PLANT PLATFORM MAN; CHUCK

TENDER; CRUSHER FEEDER; MEN HANDLING CREOSOTE TIES OR CREOSOTE MATERIALS; MEN WORKING WITH AND HANDLING EPOXY MATERIAL; TOPPER OF STANDING TREES; FEEDER MAN ON WOOD PULVERIZERS, BOARD AND WILLOW MAT WEAVERS AND CABELEEE TIERS ON RIVER WORK; DECK HANDS; PILE DIKE AND REVETMENT WORK; ALL LABORERS WORKING ON UNDERGROUND TUNNELS LESS THAN 25 FT. WHERE COMPRESSED AIR IS NOT USED; ABUTEMENT AND PIER HOLE MEN WORKING SIX (6) FT. OR MORE BELOW GROUND; MEN WORKING IN COFFER DAMS FOR BRIDGE PIERS AND FOOTING IN THE RIVER; BARCO TAMPER; JACKSON OR ANY OTHER SIMILAR TAMP; CUTTING TORCH MAN; LINERS, CURB, GUTTERS, DITCH LINES; HOT MASTIC KETTLEMEN; HOT TAR APPLICATOR; HAND BLADE OPERATOR; MORTAR MEN OR BRICK OR BLOCK MANHOLES; RUBBING CONCRETE, AIR TOOL OPERATOR UNDER 65 LBS.; CAULKER AND LEAD MAN; CHAIN OR CONCRETE SAW UNDER 15 H.P.; SIGNAL GAN; GUARD RAIL AND SIGN ERECTORS. (CLARK, KNOX, LEWIS, MARION, PIKE, RALLS, SCOTLAND, SHELBY COUNTIES).....	\$ 37.25	15.96
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LAB00660-006 06/02/2025		
	Rates	Fringes
LABORER, COMMON OR GENERAL: ST. CHARLES COUNTY.....	\$ 41.18	15.96
LABORER, COMMON OR GENERAL: LINCOLN, MONNTOMERY, AND WARRNER COUNTIES.....	\$ 39.76	15.96

LAB00662-001 05/01/2025		
	Rates	Fringes
LABORER: GROUP 2 SKILLED LABORERS - VIBRATOR MAN; ASPHALT RAKER; HEAD PIPE LAYER ON SEWER WORK; BATTERBOARD MAN ON PIPE AND DITCH WORK; CLIFF SCALERS WORKING FROM BOSUN'S CHAIRS; SCAFFOLDS OR PLATFORMS ON DAMS OR POWER PLANTS OVER 10 FT. HIGH; AIR TOOL OPERATOR OVER 65 LBS.; STRINGLINE MAN ON CONCRETE PAVING; SANDBLAST MAN; LASER BEAM MAN; WAGON DRILL; CHURN DRILL; AIR TRACK DRILL AND ALL OTHER SIMILAR TYPE DRILLS, GUNITE NOZZLE MAN; PRESSURE GROUT MAN; SCREED MAN ON ASPHALT; CONCRETE SAW 15 H.P. AND OVER; GRADE CHECKER; STRIGLINE MAN ON ELECTRONIC GRADE CONTROL; MANHOLE BUILDER; DYNAMITE MAN; POWDER MAN; WELDER; TUNNEL MAN; WATERBLASTER - 1000 PSI OR OVER; ASBESTOS AND/OR HAZARDOUS WASTE REMOVAL AND/OR DISPOSAL (CALLAWAY, COLE, MILLER AND MONITEAU COUNTIES).....	\$ 37.25	15.96
LABORER: GROUP 1 GENERAL LABORER-FLAGMAN, CARPENTER TENDERS; SALAMANDER TENDERS; DUMP MAN; TICKET TAKERS; LOADING TRUCKS UNDER BINS, HOPPERS, AND CONVEYORS; TRACK MAN; CEMENT HANDLER; DUMP MAN ON EARTH FILL; GEORGIE BUGGIE MAN; MATERIAL BATCH HOPPER MAN; SPREADER ON ASPHALT MACHINE; MATERIAL MIXER MAN (EXCEPT ON MANHOLES); COFFER DAMS; RIPRAP PAVERS ROCK, BLOCK OR BRICK; SCAFFOLDS OVER TEN FEET NOT SELF-SUPPORTED FROM GROUND UP; SKIP MAN ON CONCRETE PAVING; WIRE MESH SETTERS ON CONCRETE PAVING; ALL WORK IN CONNECTION WITH SEWER, WATER, GAS, GASOLING, OIL, DRAINAGE PIPE, CONDUIT PIPE, TILE AND DUCT LINES AND ALL OTHER PIPE LINES; POWER TOOL OPERATOR; ALL WORK IN CONNECTION WITH HYDRAULIC OR GENERAL DREDGING OPERATIONS; FORM SETTERS, PUDDLERS (PAVING ONLY); STRAW BLOWER NOZZLEMAN; ASPHALT PLANT PLATFORM MAN; CHUCK TENDER; CRUSHER FEEDER; MEN HANDLING CREOSOTE TIES		

OR CREOSOTE MATERIALS; MEN WORKING WITH AND HANDLING EPOXY MATERIAL; TOPPER OF STANDING TREES; FEEDER MAN ON WOOD PULVERIZERS, BOARD AND WILLOW MAT WEAVERS AND CABELEEE TIERS ON RIVER WORK; DECK HANDS; PILE DIKE AND REVETMENT WORK; ALL LABORERS WORKING ON UNDERGROUND TUNNELS LESS THAN 25 FT. WHERE COMPRESSED AIR IS NOT USED; ABUTEMENT AND PIER HOLE MEN WORKING SIX (6) FT. OR MORE BELOW GROUND; MEN WORKING IN COFFER DAMS FOR BRIDGE PIERS AND FOOTING IN THE RIVER; BARCO TAMPER; JACKSON OR ANY OTHER SIMILAR TAMP; CUTTING TORCH MAN; LINERS, CURB, GUTTERS, DITCH LINES; HOT MASTIC KETTLEMEN; HOT TAR APPLICATOR; HAND BLADE OPERATOR; MORTAR MEN OR BRICK OR BLOCK MANHOLES; RUBBING CONCRETE, AIR TOOL OPERATOR UNDER 65 LBS.; CAULKER AND LEAD MAN; CHAIN OR CONCRETE SAW UNDER 15 H.P.; SIGNAL GAN; GUARD RAIL AND SIGN ERECTORS. (CALLAWAY, COLE, MILLER AND MONITEAU COUNTIES).....	\$ 37.25	15.96
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LAB00663-002 04/01/2025

	Rates	Fringes
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LABORER GROUP 2 SKILLED LABORER - SPREADER OR SCREED MAN ON ASPHALT MACHINE, ASPHALT RAKER, GRADE CHECKER, VIBRATOR MAN, CONCRETE SAW OVER 5 HP., LASER BEAM MAN, BARCO TAMPER, JACKSON OR ANY OTHER SIMILAR TAMP, WAGON DRILLER, CHURN DRILLS, AIR TRACK DRILLS AND OTHER SIMILAR DRILLS, CUTTING TORCH MAN, FORM SETTERS, LINERS AND STRINGLINE MEN ON CONCRETE PAVING, CURB, GUTTERS AND ETC., HOT MASTIC KETTLEMAN, HOT TAR APPLICATOR, HAND BLADE OPERATORS, MORTAR MEN ON BRICK OR BLOCK MANHOLES, SAND BLASTING AND GUNNITE NOZZLE MEN, RUBBING CONCRETE, AIR TOOL OPERATOR IN TUNNELS, HEAD PIPE LAYER ON SEWER WORK, MANHOLE BUILDER (BRICK OR BLOCK), DYNAMITE AND POWDER MEN. (CASS, CLAY, JACKSON, PLATTE AND RAY COUNTIES).....	\$ 37.45	15.87
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LABORER GROUP 1 GENERAL LABORERS, CARPENTER TENDERS, SALAMANDER TENDERS, LOADING TRUCKS UNDER BINS, HOPPERS AND CONVEYORS, TRACK MEN AND ALL OTHER GENERAL LABORERS, AIR TOOL OPERATOR, CEMENT HANDLER (BULK OR SACK), CHAIN OR CONCRETE SAW, DECK HANDS, DUMP MAN ON EARTH FILL, GEORGIE BUGGIES MAN, MATERIAL BATCH HOPPER MAN, SCALE MAN, MATERIAL MIXER MAN (EXCEPT ON MANHOLES), COFFER DAMS, ABUTMENTS AND PIER HOLE MEN WORKING BELOW GROUND, RIPRAP PAVERS ROCK, BLACK OR BRICK, SIGNAL MAN, SCAFFOLDS OVER TEN FEET NOT SELF-SUPPORTED FROM GROUND UP, SKIPMAN ON CONCRETE PAVING, WIRE MESH SETTERS ON CONCRETE PAVING, ALL WORK IN CONNECTION WITH SEWER,WATER, GAS, GASOLING, OIL, DRAINAGE PIPE, CONDUIT PIPE, TILE AND DUCT LINES AND ALL OTHER PIPELINES, POWER TOOL OPERATOR, ALL WORK IN CONNECTION WITH HYDRAULIC OR GENERAL DREDGING OPERATIONS, STRAW BLOWER NOZZLEMAN, ASPHALT PLANT PLATFORM MAN, CHUCK TENDER, CRUSHER FEEDER, MEN HANDLING CREOSOTE TIES ON CREOSOTE MATERIALS, MEN WORKING WITH AND HANDLING EPOXY MATERIAL OR MATERIALS (WHERE SPECIAL PROTECTION IS REQUIRED), TOPPER OF STANDING TREES, BATTER BOARD MAN ON PIPE AND DITCH WORK, FEEDER MAN ON WOOD PULVERIZERS, BOARD AND WILLOW MAT WEAVERS AND CABLE TIERS ON RIVER WORK, DECK HANDS, PILE DIKE AND REVETMENT WORK, ALL LABORERS WORKING ON UNDERGROUND TUNNELS LESS THAN 25 FEET WHERE COMPRESSED AIR IS NOT USED,

ABUTMENT AND PIER HOLE MEN WORKING SIX (6) FEET OR MORE BELOW GROUND, MEN WORKING IN COFFER DAMS FOR BRIDGE PIERS AND FOOTINGS IN THE RIVER, DITCHLINERS, PRESSURE GROUTMEN, CAULKER AND CHAIN OR CONCRETE SAW, CLIFFSCALERS WORKING FROM SCAFFOLDS, BOSUNS' CHAIRS OR PLATFORMS ON DAMS OR POWER PLANTS OVER (10) FEET ABOVE GROUND, MORTARMEN ON BRICK OR BLOCK MANHOLES, SIGNAL MAN. (CASS, CLAY, JACKSON, PLATTE AND RAY COUNTIES).....\$ 36.24	15.87
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LAB00840-011 05/01/2025

Rates

Fringes

LABORER: GROUP 2 SKILLED LABORERS - VIBRATOR MAN; ASPHALT RAKER; HEAD PIPE LAYER ON SEWER WORK; BATTERBOARD MAN ON PIPE AND DITCH WORK; CLIFF SCALERS WORKING FROM BOSUN'S CHAIRS; SCAFFOLDS OR PLATFORMS ON DAMS OR POWER PLANTS OVER 10 FT. HIGH; AIR TOOL OPERATOR OVER 65 LBS.; STRINGLINE MAN ON CONCRETE PAVING; SANDBLAST MAN; LASER BEAM MAN; WAGON DRILL; CHURN DRILL; AIR TRACK DRILL AND ALL OTHER SIMILAR TYPE DRILLS, GUNITE NOZZLE MAN; PRESSURE GROUT MAN; SCREED MAN ON ASPHALT; CONCRETE SAW 15 H.P. AND OVER; GRADE CHECKER; STRIGLINE MAN ON ELECTRONIC GRADE CONTROL; MANHOLE BUILDER; DYNAMITE MAN; POWDER MAN; WELDER; TUNNEL MAN; WATERBLASTER - 1000 PSI OR OVER; ASBESTOS AND/OR HAZARDOUS WASTE REMOVAL AND/OR DISPOSAL (FRANKLIN COUNTY).....\$ 40.31	15.96
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LABORER: GROUP 1 GENERAL LABORER-FLAGMAN, CARPENTER TENDERS; SALAMANDER TENDERS; DUMP MAN; TICKET TAKERS; LOADING TRUCKS UNDER BINS, HOPPERS, AND CONVEYORS; TRACK MAN; CEMENT HANDLER; DUMP MAN ON EARTH FILL; GEORGIE BUGGIE MAN; MATERIAL BATCH HOPPER MAN; SPREADER ON ASPHALT MACHINE; MATERIAL MIXER MAN (EXCEPT ON MANHOLES); COFFER DAMS; RIPRAP PAVERS ROCK, BLOCK OR BRICK; SCAFFOLDS OVER TEN FEET NOT SELF-SUPPORTED FROM GROUND UP; SKIP MAN ON CONCRETE PAVING; WIRE MESH SETTERS ON CONCRETE PAVING; ALL WORK IN CONNECTION WITH SEWER, WATER, GAS, GASOLING, OIL, DRAINAGE PIPE, CONDUIT PIPE, TILE AND DUCT LINES AND ALL OTHER PIPE LINES; POWER TOOL OPERATOR; ALL WORK IN CONNECTION WITH HYDRAULIC OR GENERAL DREDGING OPERATIONS; FORM SETTERS, PUDDLERS (PAVING ONLY); STRAW BLOWER NOZZLEMAN; ASPHALT PLANT PLATFORM MAN; CHUCK TENDER; CRUSHER FEEDER; MEN HANDLING CREOSOTE TIES OR CREOSOTE MATERIALS; MEN WORKING WITH AND HANDLING EPOXY MATERIAL; TOPPER OF STANDING TREES; FEEDER MAN ON WOOD PULVERIZERS, BOARD AND WILLOW MAT WEAVERS AND CABELEEE TIERS ON RIVER WORK; DECK HANDS; PILE DIKE AND REVETMENT WORK; ALL LABORERS WORKING ON UNDERGROUND TUNNELS LESS THAN 25 FT. WHERE COMPRESSED AIR IS NOT USED; ABUTEMENT AND PIER HOLE MEN WORKING SIX (6) FT. OR MORE BELOW GROUND; MEN WORKING IN COFFER DAMS FOR BRIDGE PIERS AND FOOTING IN THE RIVER; BARCO TAMPER; JACKSON OR ANY OTHER SIMILAR TAMP; CUTTING TORCH MAN; LINERS, CURB, GUTTERS, DITCH LINES; HOT MASTIC KETTLEMEN; HOT TAR APPLICATOR; HAND BLADE OPERATOR; MORTAR MEN OR BRICK OR BLOCK MANHOLES; RUBBING CONCRETE, AIR TOOL OPERATOR UNDER 65 LBS.; CAULKER AND LEAD MAN; CHAIN OR CONCRETE SAW UNDER 15 H.P.; SIGNAL GAN; GUARD RAIL AND SIGN ERECTORS. (FRANKLIN COUNTY)....\$ 40.31	15.96
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LABORER GROUP 2 SKILLED LABORERS - VIBRATOR MAN;

ASPHALT RAKER; HEAD PIPE LAYER ON SEWER WORK; BATTERBOARD MAN ON PIPE AND DITCH WORK; CLIFF SCALERS WORKING FROM BOSUN'S CHAIRS; SCAFFOLDS OR PLATFORMS ON DAMS OR POWER PLANTS OVER 10 FT. HIGH; AIR TOOL OPERATOR OVER 65 LBS.; STRINGLINE MAN ON CONCRETE PAVING; SANDBLAST MAN; LASER BEAM MAN; WAGON DRILL; CHURN DRILL; AIR TRACK DRILL AND ALL OTHER SIMILAR TYPE DRILLS, GUNITE NOZZLE MAN; PRESSURE GROUT MAN; SCREED MAN ON ASPHALT; CONCRETE SAW 15 H.P. AND OVER; GRADE CHECKER; STRIGLINE MAN ON ELECTRONIC GRADE CONTROL; MANHOLE BUILDER; DYNAMITE MAN; POWDER MAN; WELDER; TUNNEL MAN; WATERBLASTER - 1000 PSI OR OVER; ASBESTOS AND/OR HAZARDOUS WASTE REMOVAL AND/OR DISPOSAL (CRAWFORD, DENT, GASCONADE, HOWELL, MARIES, OREGON, OSAGE, PHELPS, PULASKI, SHANNON AND TEXAS COUNTIES).....\$ 37.25	15.96
LABORER GROUP 1 GENERAL LABORER-FLAGMAN, CARPENTER TENDERS; SALAMANDER TENDERS; DUMP MAN; TICKET TAKERS; LOADING TRUCKS UNDER BINS, HOPPERS, AND CONVEYORS; TRACK MAN; CEMENT HANDLER; DUMP MAN ON EARTH FILL; GEORGIE BUGGIE MAN; MATERIAL BATCH HOPPER MAN; SPREADER ON ASPHALT MACHINE; MATERIAL MIXER MAN (EXCEPT ON MANHOLES); COFFER DAMS; RIPRAP PAVERS ROCK, BLOCK OR BRICK; SCAFFOLDS OVER TEN FEET NOT SELF-SUPPORTED FROM GROUND UP; SKIP MAN ON CONCRETE PAVING; WIRE MESH SETTERS ON CONCRETE PAVING; ALL WORK IN CONNECTION WITH SEWER, WATER, GAS, GASOLING, OIL, DRAINAGE PIPE, CONDUIT PIPE, TILE AND DUCT LINES AND ALL OTHER PIPE LINES; POWER TOOL OPERATOR; ALL WORK IN CONNECTION WITH HYDRAULIC OR GENERAL DREDGING OPERATIONS; FORM SETTERS, PUDDLERS (PAVING ONLY); STRAW BLOWER NOZZLEMAN; ASPHALT PLANT PLATFORM MAN; CHUCK TENDER; CRUSHER FEEDER; MEN HANDLING CREOSOTE TIES OR CREOSOTE MATERIALS; MEN WORKING WITH AND HANDLING EPOXY MATERIAL; TOPPER OF STANDING TREES; FEEDER MAN ON WOOD PULVERIZERS, BOARD AND WILLOW MAT WEAVERS AND CABELEEE TIERS ON RIVER WORK; DECK HANDS; PILE DIKE AND REVETMENT WORK; ALL LABORERS WORKING ON UNDERGROUND TUNNELS LESS THAN 25 FT. WHERE COMPRESSED AIR IS NOT USED; ABUTEMENT AND PIER HOLE MEN WORKING SIX (6) FT. OR MORE BELOW GROUND; MEN WORKING IN COFFER DAMS FOR BRIDGE PIERS AND FOOTING IN THE RIVER; BARCO TAMPER; JACKSON OR ANY OTHER SIMILAR TAMP; CUTTING TORCH MAN; LINERS, CURB, GUTTERS, DITCH LINES; HOT MASTIC KETTLEMEN; HOT TAR APPLICATOR; HAND BLADE OPERATOR; MORTAR MEN OR BRICK OR BLOCK MANHOLES; RUBBING CONCRETE, AIR TOOL OPERATOR UNDER 65 LBS.; CAULKER AND LEAD MAN; CHAIN OR CONCRETE SAW UNDER 15 H.P.; SIGNAL GAN; GUARD RAIL AND SIGN ERECTORS. (CRAWFORD, DENT, GASCONADE, HOWELL, MARIES, OREGON, OSAGE, PHELPS, PULASKI, SHANNON AND TEXAS COUNTIES).....\$ 37.25	15.96

LAB00955-012 05/01/2025

Rates

Fringes

LABORER GROUP 2 SKILLED LABORERS - VIBRATOR MAN;
 ASPHALT RAKER; HEAD PIPE LAYER ON SEWER WORK;
 BATTERBOARD MAN ON PIPE AND DITCH WORK; CLIFF
 SCALERS WORKING FROM BOSUN'S CHAIRS; SCAFFOLDS OR
 PLATFORMS ON DAMS OR POWER PLANTS OVER 10 FT. HIGH;
 AIR TOOL OPERATOR OVER 65 LBS.; STRINGLINE MAN ON
 CONCRETE PAVING; SANDBLAST MAN; LASER BEAM MAN;
 WAGON DRILL; CHURN DRILL; AIR TRACK DRILL AND ALL

OTHER SIMILAR TYPE DRILLS, GUNITE NOZZLE MAN; PRESSURE GROUT MAN; SCREED MAN ON ASPHALT; CONCRETE SAW 15 H.P. AND OVER; GRADE CHECKER; STRIGLINE MAN ON ELECTRONIC GRADE CONTROL; MANHOLE BUILDER; DYNAMITE MAN; POWDER MAN; WELDER; TUNNEL MAN; WATERBLASTER - 1000 PSI OR OVER; ASBESTOS AND/OR HAZARDOUS WASTE REMOVAL AND/OR DISPOSAL (ADAIR, AUDRAIN, BOONE, CHARITON, COOPER, HOWARD, LINN, MACON, MONROE, PUTNAM, RANDOLPH, SCHUYLER AND SULLIVAN COUNTIES).....\$ 37.25	15.96
LABORER GROUP 1 GENERAL LABORER-FLAGMAN, CARPENTER TENDERS; SALAMANDER TENDERS; DUMP MAN; TICKET TAKERS; LOADING TRUCKS UNDER BINS, HOPPERS, AND CONVEYORS; TRACK MAN; CEMENT HANDLER; DUMP MAN ON EARTH FILL; GEORGIE BUGGIE MAN; MATERIAL BATCH HOPPER MAN; SPREADER ON ASPHALT MACHINE; MATERIAL MIXER MAN (EXCEPT ON MANHOLES); COFFER DAMS; RIPRAP PAVERS ROCK, BLOCK OR BRICK; SCAFFOLDS OVER TEN FEET NOT SELF-SUPPORTED FROM GROUND UP; SKIP MAN ON CONCRETE PAVING; WIRE MESH SETTERS ON CONCRETE PAVING; ALL WORK IN CONNECTION WITH SEWER, WATER, GAS, GASOLING, OIL, DRAINAGE PIPE, CONDUIT PIPE, TILE AND DUCT LINES AND ALL OTHER PIPE LINES; POWER TOOL OPERATOR; ALL WORK IN CONNECTION WITH HYDRAULIC OR GENERAL DREDGING OPERATIONS; FORM SETTERS, PUDDLERS (PAVING ONLY); STRAW BLOWER NOZZLEMAN; ASPHALT PLANT PLATFORM MAN; CHUCK TENDER; CRUSHER FEEDER; MEN HANDLING CREOSOTE TIES OR CREOSOTE MATERIALS; MEN WORKING WITH AND HANDLING EPOXY MATERIAL; TOPPER OF STANDING TREES; FEEDER MAN ON WOOD PULVERIZERS, BOARD AND WILLOW MAT WEAVERS AND CABELEEE TIERS ON RIVER WORK; DECK HANDS; PILE DIKE AND REVETMENT WORK; ALL LABORERS WORKING ON UNDERGROUND TUNNELS LESS THAN 25 FT. WHERE COMPRESSED AIR IS NOT USED; ABUTEMENT AND PIER HOLE MEN WORKING SIX (6) FT. OR MORE BELOW GROUND; MEN WORKING IN COFFER DAMS FOR BRIDGE PIERS AND FOOTING IN THE RIVER; BARCO TAMPER; JACKSON OR ANY OTHER SIMILAR TAMP; CUTTING TORCH MAN; LINERS, CURB, GUTTERS, DITCH LINES; HOT MASTIC KETTLEMEN; HOT TAR APPLICATOR; HAND BLADE OPERATOR; MORTAR MEN OR BRICK OR BLOCK MANHOLES; RUBBING CONCRETE, AIR TOOL OPERATOR UNDER 65 LBS.; CAULKER AND LEAD MAN; CHAIN OR CONCRETE SAW UNDER 15 H.P.; SIGNAL GAN; GUARD RAIL AND SIGN ERECTORS. (ADAIR, AUDRAIN, BOONE, CHARITON, COOPER, HOWARD, LINN, MACON, MONROE, PUTNAM, RANDOLPH, SCHUYLER AND SULLIVAN COUNTIES).....\$ 37.25	15.96

LAB01104-005 05/01/2025

Rates

Fringes

LABORER: GROUP 2 SKILLED LABORERS - VIBRATOR MAN;
ASPHALT RAKER; HEAD PIPE LAYER ON SEWER WORK;
BATTERBOARD MAN ON PIPE AND DITCH WORK; CLIFF
SCALERS WORKING FROM BOSUN'S CHAIRS; SCAFFOLDS OR
PLATFORMS ON DAMS OR POWER PLANTS OVER 10 FT. HIGH;
AIR TOOL OPERATOR OVER 65 LBS.; STRINGLINE MAN ON
CONCRETE PAVING; SANDBLAST MAN; LASER BEAM MAN;
WAGON DRILL; CHURN DRILL; AIR TRACK DRILL AND ALL
OTHER SIMILAR TYPE DRILLS, GUNITE NOZZLE MAN;
PRESSURE GROUT MAN; SCREED MAN ON ASPHALT; CONCRETE
SAW 15 H.P. AND OVER; GRADE CHECKER; STRIGLINE MAN
ON ELECTRONIC GRADE CONTROL; MANHOLE BUILDER;
DYNAMITE MAN; POWDER MAN; WELDER; TUNNEL MAN;

WATERBLASTER - 1000 PSI OR OVER; ASBESTOS AND/OR HAZARDOUS WASTE REMOVAL AND/OR DISPOSAL (BOLLINGER, BUTLER, CAPE GIRARDEAU, CARTER, DUNKLIN, IRON, MADISON, MISSISSIPPI, NEW MADRID, PEMISCOT, PERRY, REYNOLDS, RIPLEY, SCOTT, ST FRANCOIS, STE GENEVIEVE, STODDARD AND WAYNE COUNTIES).....	\$ 37.25	15.96
LABORER: GROUP 1 GENERAL LABORER-FLAGMAN, CARPENTER TENDERS; SALAMANDER TENDERS; DUMP MAN; TICKET TAKERS; LOADING TRUCKS UNDER BINS, HOPPERS, AND CONVEYORS; TRACK MAN; CEMENT HANDLER; DUMP MAN ON EARTH FILL; GEORGIE BUGGIE MAN; MATERIAL BATCH HOPPER MAN; SPREADER ON ASPHALT MACHINE; MATERIAL MIXER MAN (EXCEPT ON MANHOLES); COFFER DAMS; RIPRAP PAVERS ROCK, BLOCK OR BRICK; SCAFFOLDS OVER TEN FEET NOT SELF-SUPPORTED FROM GROUND UP; SKIP MAN ON CONCRETE PAVING; WIRE MESH SETTERS ON CONCRETE PAVING; ALL WORK IN CONNECTION WITH SEWER, WATER, GAS, GASOLING, OIL, DRAINAGE PIPE, CONDUIT PIPE, TILE AND DUCT LINES AND ALL OTHER PIPE LINES; POWER TOOL OPERATOR; ALL WORK IN CONNECTION WITH HYDRAULIC OR GENERAL DREDGING OPERATIONS; FORM SETTERS, PUDDLERS (PAVING ONLY); STRAW BLOWER NOZZLEMAN; ASPHALT PLANT PLATFORM MAN; CHUCK TENDER; CRUSHER FEEDER; MEN HANDLING CREOSOTE TIES OR CREOSOTE MATERIALS; MEN WORKING WITH AND HANDLING EPOXY MATERIAL; TOPPER OF STANDING TREES; FEEDER MAN ON WOOD PULVERIZERS, BOARD AND WILLOW MAT WEAVERS AND CABELEEE TIERS ON RIVER WORK; DECK HANDS; PILE DIKE AND REVETMENT WORK; ALL LABORERS WORKING ON UNDERGROUND TUNNELS LESS THAN 25 FT. WHERE COMPRESSED AIR IS NOT USED; ABUTEMENT AND PIER HOLE MEN WORKING SIX (6) FT. OR MORE BELOW GROUND; MEN WORKING IN COFFER DAMS FOR BRIDGE PIERS AND FOOTING IN THE RIVER; BARCO TAMPER; JACKSON OR ANY OTHER SIMILAR TAMP; CUTTING TORCH MAN; LINERS, CURB, GUTTERS, DITCH LINES; HOT MASTIC KETTLEMEN; HOT TAR APPLICATOR; HAND BLADE OPERATOR; MORTAR MEN OR BRICK OR BLOCK MANHOLES; RUBBING CONCRETE, AIR TOOL OPERATOR UNDER 65 LBS.; CAULKER AND LEAD MAN; CHAIN OR CONCRETE SAW UNDER 15 H.P.; SIGNAL GAN; GUARD RAIL AND SIGN ERECTORS. (BOLLINGER, BUTLER, CAPE GIRARDEAU, CARTER, DUNKLIN, IRON, MADISON, MISSISSIPPI, NEW MADRID, PEMISCOT, PERRY, REYNOLDS, RIPLEY, SCOTT, ST FRANCOIS, STE GENEVIEVE, STODDARD AND WAYNE COUNTIES).....	\$ 37.25	15.96

PAIN0002-002 09/01/2007

	Rates	Fringes
PAINTERS:: SPRAY & ABRASIVE BLASTING; WATER BLASTING (OVER 5000 PSI) (CLARK, FRANKLIN, JEFFERSON, LEWIS, LINCOLN, MARION, PIKE, RALLS, ST. CHARLES, ST. LOUIS (CITY & COUNTY), AND WARREN COUNTIES).....	\$ 30.61	10.24
PAINTERS: TAPER (AMES TOOLS & BAZOOKA) (CLARK, FRANKLIN, JEFFERSON, LEWIS, LINCOLN, MARION, PIKE, RALLS, ST. CHARLES, ST. LOUIS (CITY & COUNTY), AND WARREN COUNTIES).....	\$ 30.21	10.24
PAINTERS: PRESSURE ROLLER; HIGH WORK UNDER 60 FT (CLARK, FRANKLIN, JEFFERSON, LEWIS, LINCOLN, MARION, PIKE, RALLS, ST. CHARLES, ST. LOUIS (CITY & COUNTY), AND WARREN COUNTIES).....	\$ 28.86	10.24
PAINTERS: LEAD ABATEMENT (CLARK, FRANKLIN, JEFFERSON, LEWIS, LINCOLN, MARION, PIKE, RALLS, ST.		

CHARLES, ST. LOUIS (CITY & COUNTY), AND WARREN COUNTIES).....	\$ 29.36	10.24
PAINTERS: HIGH WORK OVER 60 FEET (CLARK, FRANKLIN, JEFFERSON, LEWIS, LINCOLN, MARION, PIKE, RALLS, ST. CHARLES, ST. LOUIS (CITY & COUNTY), AND WARREN COUNTIES).....	\$ 29.11	10.24
PAINTERS: BRUSH AND ROLLER; TAPER (CLARK, FRANKLIN, JEFFERSON, LEWIS, LINCOLN, MARION, PIKE, RALLS, ST. CHARLES, ST. LOUIS (CITY & COUNTY), AND WARREN COUNTIES).....	\$ 28.61	10.24

PAIN002-006 04/01/2023

Rates

Fringes

PAINTERS:: TAPERS USING AMES OR COMPARABLE TOOLS (ADAIR, AUDRAIN, BOONE, CALLAWAY, CHARITON, COLE, GASCONADE, HOWARD, KNOX, LINN, MACON, MONROE, MONTGOMERY, OSAGE, PUTNAM, RANDOLPH, SCHUYLER, SCOTLAND, SHELBY AND SULLIVAN COUNTIES AND THE CITY OF BOONEVILLE.).....	\$ 27.24	15.03
PAINTERS:: SPRAY; STRUCTURAL STEEL (OVER 50 FEET) (ADAIR, AUDRAIN, BOONE, CALLAWAY, CHARITON, COLE, GASCONADE, HOWARD, KNOX, LINN, MACON, MONROE, MONTGOMERY, OSAGE, PUTNAM, RANDOLPH, SCHUYLER, SCOTLAND, SHELBY AND SULLIVAN COUNTIES AND THE CITY OF BOONEVILLE.).....	\$ 27.49	15.03
PAINTERS:: EPOXY OR ANY TWO PART COATING; SANDBLASTING; STAGE OR OTHER AERIAL WORK - PLATFORMS OVER 50 FEET HIGH; LEAD ABATEMENT (ADAIR, AUDRAIN, BOONE, CALLAWAY, CHARITON, COLE, GASCONADE, HOWARD, KNOX, LINN, MACON, MONROE, MONTGOMERY, OSAGE, PUTNAM, RANDOLPH, SCHUYLER, SCOTLAND, SHELBY AND SULLIVAN COUNTIES AND THE CITY OF BOONEVILLE.).....	\$ 27.49	15.03
PAINTERS:: BRUSH AND ROLL; TAPING, PAPERHANGING (ADAIR, AUDRAIN, BOONE, CALLAWAY, CHARITON, COLE, GASCONADE, HOWARD, KNOX, LINN, MACON, MONROE, MONTGOMERY, OSAGE, PUTNAM, RANDOLPH, SCHUYLER, SCOTLAND, SHELBY AND SULLIVAN COUNTIES AND THE CITY OF BOONEVILLE.).....	\$ 26.49	15.03
PAINTERS:: BRIDGES, DAMS, LOCKS OR POWERHOUSES (ADAIR, AUDRAIN, BOONE, CALLAWAY, CHARITON, COLE, GASCONADE, HOWARD, KNOX, LINN, MACON, MONROE, MONTGOMERY, OSAGE, PUTNAM, RANDOLPH, SCHUYLER, SCOTLAND, SHELBY AND SULLIVAN COUNTIES AND THE CITY OF BOONEVILLE.).....	\$ 28.49	15.03

PAIN003-004 04/01/2019

Rates

Fringes

PAINTERS: STEEPLEJACK (CASS, CLAY, CLINTON, JACKSON, JOHNSON, LAFAYETTE, PLATTE & RAY COUNTIES).\$	36.98	17.76
PAINTERS: STAGEMAN; BELTMAN; STEELMAN; ELEVATOR SHAFT; BAZOOKA, BOXES AND POWER SANDER; SPRAYMAN; DIPPING (CASS, CLAY, CLINTON, JACKSON, JOHNSON, LAFAYETTE, PLATTE & RAY COUNTIES).....	\$ 32.41	17.76
PAINTERS: PAPER HANGER (CASS, CLAY, CLINTON, JACKSON, JOHNSON, LAFAYETTE, PLATTE & RAY COUNTIES).\$	31.04	17.76
PAINTERS: DRYWALL (CASS, CLAY, CLINTON, JACKSON, JOHNSON, LAFAYETTE, PLATTE & RAY COUNTIES).....	\$ 31.74	17.76
PAINTERS: BRUSH & ROLLER (CASS, CLAY, CLINTON, JACKSON, JOHNSON, LAFAYETTE, PLATTE & RAY COUNTIES).\$	30.54	17.76
PAINTERS: BRIDGEMAN; LEAD ABATEMENT; SANDBLAST; STORAGE BIN & TANKS (CASS, CLAY, CLINTON, JACKSON, JOHNSON, LAFAYETTE, PLATTE & RAY COUNTIES).....	\$ 33.41	17.76

PAIN0003-011 04/01/2019

Rates

Fringes

PAINTERS:: STAGEMAN; BELTMAN; STEELMAN; ELEVATOR SHAFT; BAZOOKA, BOXES AND POWER SANDER; SPRAYMAN; DIPPING (BATES, BENTON, CALDWELL, CARROLL, COOPER, DAVISS, GRUNDY, HARRISON, HENRY, LIVINGSTON, MERCER, MONITEAU, MORGAN, PETTIS & SALINE COUNTIES).	\$ 26.35	17.76
PAINTERS:: BRIDGEMAN; LEAD ABATEMENT; SANDBLAST; STORAGE BIN & TANKS (BATES, BENTON, CALDWELL, CARROLL, COOPER, DAVIESS, GRUNDY, HARRISON, HENRY, LIVINGSTON, MERCER, MONITEAU, MORGAN, PETTIS & SALINE COUNTIES).....	\$ 26.73	17.76
PAINTERS: STEEPLEJACK (BATES, BENTON, CALDWELL, CARROLL, COOPER, DAVIESS, GRUNDY, HARRISON, HENRY, LIVINGSTON, MERCER, MONITEAU, MORGAN, PETTIS & SALINE COUNTIES).....	\$ 29.58	17.76
PAINTERS: PAPER HANGER (BATES, BENTON, CALDWELL, CARROLL, COOPER, DAVIESS, GRUNDY, HARRISON, HENRY, LIVINGSTON, MERCER, MONITEAU, MORGAN, PETTIS & SALINE COUNTIES).....	\$ 24.83	17.76
PAINTERS: DRYWALL (BATES, BENTON, CALDWELL, CARROLL, COOPER, DAVIESS, GRUNDY, HARRISON, HENRY, LIVINGSTON, MERCER, MONITEAU, MORGAN, PETTIS & SALINE COUNTIES).....	\$ 25.39	17.76
PAINTERS: BRUSH & ROLLER (BATES, BENTON, CALDWELL, CARROLL, COOPER, DAVIESS, GRUNDY, HARRISON, HENRY, LIVINGSTON, MERCER, MONITEAU, MORGAN, PETTIS & SALINE COUNTIES).....	\$ 24.43	17.76

PAIN1185-008 04/01/2025

Rates

Fringes

PAINTERS: TAPING, PAPERHANGING (CAMDEN, CRAWFORD, DENT, LACLEDE, MARIES, MILLER, PHELPS, PULASKI AND TEXAS COUNTIES).....	\$ 34.90	17.21
PAINTERS: STRUCTURAL STEEL, SANDBLASTING AND ALL TANK WORK (CAMDEN, CRAWFORD, DENT, LACLEDE, MARIES, MILLER, PHELPS, PULASKI AND TEXAS COUNTIES).....	\$ 35.90	17.21
PAINTERS: SPRAY (CAMDEN, CRAWFORD, DENT, LACLEDE, MARIES, MILLER, PHELPS, PULASKI AND TEXAS COUNTIES).	\$ 34.90	17.21
PAINTERS: LEAD ABATEMENT (CAMDEN, CRAWFORD, DENT, LACLEDE, MARIES, MILLER, PHELPS, PULASKI AND TEXAS COUNTIES).....	\$ 33.25	17.21
PAINTERS: FLOOR WORK (CAMDEN, CRAWFORD, DENT, LACLEDE, MARIES, MILLER, PHELPS, PULASKI AND TEXAS COUNTIES).....	\$ 34.90	17.21
PAINTERS: BRUSH AND ROLLER (CAMDEN, CRAWFORD, DENT, LACLEDE, MARIES, MILLER, PHELPS, PULASKI AND TEXAS COUNTIES).....	\$ 33.90	17.21

PAIN1292-002 09/01/2025

Rates

Fringes

PAINTERS:: SPRAY & ABRASIVE BLASTING; WATERBLASTING (OVER 5000 PSI) (BOLLINGER, BUTLER, CAPE GIRARDEAU, CARTER, DUNKLIN, MISSISSIPPI, NEW MADRID, OREGON, PEMISCOT, PERRY, REYNOLDS, RIPLEY, SCOTT, SHANNON, STODDARD AND WAYNE COUNTIES). HEIGHT RATES (ALL AREAS): OVER 60 FT. \$0.50 PER HOUR. UNDER 60 FT. \$0.25 PER HOUR.....	\$ 38.53	17.92
PAINTERS:: BRUSH & ROLLER (BOLLINGER, BUTLER, CAPE GIRARDEAU, CARTER, DUNKLIN, MISSISSIPPI, NEW MADRID, OREGON, PEMISCOT, PERRY, REYNOLDS, RIPLEY,		

SCOTT, SHANNON, STODDARD AND WAYNE COUNTIES).
 HEIGHT RATES (ALL AREAS): OVER 60 FT. \$0.50 PER
 HOUR UNDER 60 FT. \$0.25 PER HOUR.....\$ 29.80 17.92
 PAINTERS:: BRIDGES, STACKS & TANKS (BOLLINGER,
 BUTLER, CAPE GIRARDEAU, CARTER, DUNKLIN,
 MISSISSIPPI, NEW MADRID, OREGON, PEMISCOT, PERRY,
 REYNOLDS, RIPLEY, SCOTT, SHANNON, STODDARD AND
 WAYNE COUNTIES). HEIGHT RATES (ALL AREAS): OVER
 60 FT. \$0.50 PER HOUR. UNDER 60 FT. \$0.25 PER
 HOUR.....\$ 36.53 17.92

PAIN1292-003 09/01/2025

Rates

Fringes

PAINTERS: SPRAY & ABRASIVE BLASTING; WATERBLASTING
 (OVER 5000 PSI) (IRON, MADISON, ST. FRANCOIS, STE.
 GENEVIEVE AND WASHINGTON COUNTIES). HEIGHT RATES
 (ALL AREAS): OVER 60 FT. \$0.50 PER HOUR UNDER 60
 FT. \$0.25 PER HOUR.....\$ 38.53 17.92
 PAINTERS: BRUSH & ROLLER (IRON, MADISON, ST.
 FRANCOIS, STE. GENEVIEVE AND WASHINGTON COUNTIES).
 HEIGHT RATES (ALL AREAS): OVER 60 FT. \$0.50 PER
 HOUR UNDER 60 FT. \$0.25 PER HOUR.....\$ 30.95 17.92
 PAINTERS: BRIDGES, STACKS & TANKS (IRON, MADISON,
 ST. FRANCOIS, STE. GENEVIEVE AND WASHINGTON
 COUNTIES). HEIGHT RATES (ALL AREAS): OVER 60 FT.
 \$0.50 PER HOUR UNDER 60 FT. \$0.25 PER HOUR.....\$ 36.53 17.92

PAIN2012-001 04/01/2025

Rates

Fringes

PAINTERS: STEEPLEJACK (ANDREW, ATCHISON, BUCHANAN,
 DE KALB, GENTRY, HOLT, NODAWAY & WORTH COUNTIES)....\$ 44.33 19.97
 PAINTERS: SANDBLASTER (ANDREW, ATCHISON, BUCHANAN,
 DE KALB, GENTRY, HOLT, NODAWAY & WORTH COUNTIES)....\$ 40.76 19.97
 PAINTERS: BRUSH & ROLLER (ANDREW, ATCHISON,
 BUCHANAN, DE KALB, GENTRY, HOLT, NODAWAY & WORTH
 COUNTIES).....\$ 36.18 19.97

PAIN2015-001 04/01/2012

Rates

Fringes

PAINTERS:: SANDBLASTER, HIGH MAN, SPRAY MAN, VINYL
 HANGER, TOOL OPERATOR (BARRY, BARTON, CEDAR,
 CHRISTIAN, DADE, DALLAS, DOUGLAS, GREENE, HICKORY,
 HOWELL, JASPER, LAWRENCE, MCDONALD, NEWTON, OZARK,
 POLK, ST. CLAIR, STONE, TANEY, VERNON, WEBSTER, AND
 WRIGHT COUNTIES).....\$ 21.18 11.33
 PAINTERS:: PAINTER (BARRY, BARTON, CEDAR,
 CHRISTIAN, DADE, DALLAS, DOUGLAS, GREENE, HICKORY,
 HOWELL, JASPER, LAWRENCE, MCDONALD, NEWTON, OZARK,
 POLK, ST. CLAIR, STONE, TANEY, VERNON, WEBSTER, AND
 WRIGHT COUNTIES).....\$ 19.75 11.76
 PAINTERS:: FINISHER (BARRY, BARTON, CEDAR,
 CHRISTIAN, DADE, DALLAS, DOUGLAS, GREENE, HICKORY,
 HOWELL, JASPER, LAWRENCE, MCDONALD, NEWTON, OZARK,
 POLK, ST. CLAIR, STONE, TANEY, VERNON, WEBSTER, AND
 WRIGHT COUNTIES).....\$ 20.18 11.33

PLAS0518-006 03/01/2025

Rates

Fringes

CEMENT MASON/CONCRETE FINISHER (BARRY, BARTON,
 CEDAR, CHRISTIAN, DADE, DALLAS, DOUGLAS, GREENE,
 HICKORY, JASPER, LACLEDE, LAWRENCE, MCDONALD,

NEWTON, OZARK, POLK, ST. CLAIR, STONE, TANEY, VERNON, WEBSTER, AND WRIGHT COUNTIES).....\$ 30.37	12.43

PLAS0518-007 04/01/2025	
	Rates Fringes
CEMENT MASONS: (CASS (RICHARDS-GEBAUR AFB ONLY), CLAY, JACKSON, PLATTE AND RAY COUNTIES).....\$ 39.06	18.71

PLAS0518-011 04/01/2025	
	Rates Fringes
CEMENT MASON/CONCRETE FINISHER (ANDREW, ATCHISON, BATES, BUCHANNAN, CLINTON, DEKALB, GENTRY, HENRY, HOLT, JOHNSON, LAFAYETTE, NODAWAY & WORTH COUNTIES).\$ 40.13	20.50

PLAS0518-019 03/01/2025	
	Rates Fringes
CEMENT MASON/CONCRETE FINISHER (ADAIR, AUDRAIN, BENTON, BOONE, CALLAWAY, CALDWELL, CAMDEN, CARROLL, CHARITON, COLE, COOPER, DAVIESS, GASCONADE, GRUNDY, HARRISON, HOWARD, LINN, LIVINGSTON, MACON, MARIES, MERCER, MILLER, MONITEAU, MONROE, MONTGOMERY, MORGAN, OSAGE, PETTIS, PUTNAM, RANDOLPH, SALINE, SCHUYLER, SHELBY AND SULLIVAN COUNTIES).....\$ 33.52	15.88

PLAS0527-001 04/01/2023	
	Rates Fringes
CEMENT MASON (JEFFERSON, ST. CHARLES COUNTIES AND ST. LOUIS (CITY AND COUNTY)).....\$ 38.46	20.13
CEMENT MASON (FRANKLIN, LINCOLN AND WARREN COUNTIES).....\$ 37.29	20.23

PLAS0527-004 06/01/2023	
	Rates Fringes
CEMENT MASON (CRAWFORD, DENT, IRON, MADISON, MARION, PHELPS, PIKE, PULASKI, RALLS, REYNOLDS, ST. FRANCOIS, STE. GENEVIEVE, SHANNON, TEXAS, WASHINGTON COUNTIES).....\$ 32.00	19.72

PLAS0908-001 05/01/2025	
	Rates Fringes
CEMENT MASON (BOLLINGER, BUTLER, CAPE GIRARDEAU, CARTER, DUNKLIN, HOWELL, MISSISSIPPI, NEW MADRID, OREGON, PEMISCOT, PERRY, RIPLEY, SCOTT, STODDARD, AND WAYNE COUNTIES).....\$ 35.10	18.78

PLUM0008-003 06/01/2024	
	Rates Fringes
PLUMBERS (CASS, CLAY, JACKSON, JOHNSON, AND PLATTE COUNTIES).....\$ 56.63	24.54

PLUM0008-017 06/01/2024	
	Rates Fringes
PLUMBERS (BATES, BENTON, CARROLL, HENRY, LAFAYETTE, MORGAN, PETTIS, RAY, ST. CLAIR, SALINE AND VERNON COUNTIES).....\$ 56.63	24.54

PLUM0045-003 08/01/2024		
	Rates	Fringes
PLUMBERS AND PIPEFITTERS (ANDREW, ATCHISON, BUCHANAN, CALDWELL, CLINTON, DAVIESS, DEKALB, GENTRY, HARRISON, HOLT, NODAWAY AND WORTH COUNTIES).\$ 47.45		26.15

PLUM0178-003 11/01/2024		
	Rates	Fringes
PLUMBERS AND PIPEFITTERS (BARRY, CEDAR, CHRISTIAN, DADE, DALLAS, DOUGLAS, GREENE, HICKORY, LACLEDE, LAWRENCE, POLK, STONE, TANEY, WEBSTER AND WRIGHT COUNTIES).....\$ 39.35		15.72

PLUM0178-006 11/01/2022		
	Rates	Fringes
PLUMBERS AND PIPEFITTERS: PROJECTS OVER \$750,000 (BARTON, JASPER, MCDONALD AND NEWTON COUNTIES).....\$ 35.75		15.32
PLUMBERS AND PIPEFITTERS: PROJECTS \$750,000 & UNDER (BARTON, JASPER, MCDONALD AND NEWTON COUNTIES).....\$ 32.78		15.32

PLUM0533-004 06/01/2024		
	Rates	Fringes
PIPEFITTERS (BATES, BENTON, CARROLL, CASS, CLAY, HENRY, HICKORY, JACKSON, JOHNSON, LAFAYETTE, MORGAN, PETTIS, PLATTE, RAY, SALINE, ST. CLAIR AND VERNON COUNTIES).....\$ 55.56		25.80

PLUM0562-004 07/01/2023		
	Rates	Fringes
PLUMBERS AND PIPEFITTERS: MECHANICAL CONTRACTS INCLUDING ALL PIPING AND TEMPERATURE CONTROL WORK OVER \$7.0 MILLION (ADAIR, AUDRAIN, BOLLINGER, BOONE, BUTLER, CALLAWAY,CAMDEN, CAPE GIRARDEAU,CARTER, CHARITON, CLARK, COLE, COOPER, CRAWFORD, DENT, DUNKLIN, FRANKLIN, GASCONADE, GRUNDY, HOWARD, HOWELL, IRON, JEFFERSON, KNOX, LEWIS, LINCOLN, LINN, LIVINGSTON, MACON, MADISON, MARIES, MARION, MERCER, MILLER, MISSISSIPPI, MONITEAU, MONROE, MONTGOMERY, NEW MADRID, OREGON, OSAGE, PEMISCOTT, PERRY, PHELPS.....\$ 46.66		21.99
PLUMBERS AND PIPEFITTERS: MECHANICAL CONTRACTS INCLUDING ALL PIPING AND TEMPERATURE CONTROL WORK \$7.0 MILLION & UNDER (ADAIR, AUDRAIN, BOLLINGER, BOONE, BUTLER, CALLAWAY,CAMDEN, CAPE GIRARDEAU,CARTER, CHARITON, CLARK, COLE, COOPER, CRAWFORD, DENT, DUNKLIN, FRANKLIN, GASCONADE, GRUNDY, HOWARD, HOWELL, IRON, JEFFERSON, KNOX, LEWIS, LINCOLN, LINN, LIVINGSTON, MACON, MADISON, MARIES, MARION, MERCER, MILLER, MISSISSIPPI, MONITEAU, MONROE, MONTGOMERY, NEW MADRID, OREGON, OSAGE, PEMISCOTT, PERRY,.....\$ 46.66		21.99

PLUM0562-016 07/01/2023		
	Rates	Fringes
PLUMBERS: MECHANICAL CONTRACTS INCLUDING ALL PIPING AND TEMPERATURE CONTROL WORK OVER \$7.0 MILLION (CAMDEN, COLE, CRAWFORD, FRANKLIN, JEFFERSON, MARIES, MILLER, MONITEAU, OSAGE, PHELPS, PULASKI, ST. CHARLES, ST. LOUIS (CITY AND COUNTY), WARREN AND WASHINGTON COUNTIES).....\$ 46.66		21.99

PLUMBERS: MECHANICAL CONTRACTS INCLUDING ALL PIPING AND TEMPERATURE CONTROL WORK \$7.0 MILLION & UNDER (CAMDEN, COLE, CRAWFORD, FRANKLIN, JEFFERSON, MARIES, MILLER, MONITEAU, OSAGE, PHELPS, PULASKI, ST. CHARLES, ST. LOUIS (CITY AND COUNTY), WARREN AND WASHINGTON COUNTIES).....	\$ 46.66	21.99
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TEAM0013-001 05/01/2025

Rates

Fringes

TRUCK DRIVERS: GROUP 4 SEMI AND/OR POLE TRAILERS; WINCH, FORK & STEEL TRUCKS; DISTRIBUTOR DRIVERS AND OPERATORS; TANK WAGON, SEMI-TRAILER; INSLEY WAGONS, DUMPSTERS, HALF-TRACKS, SPEEDACE, EUCLIDS AND OTHER SIMILAR EQUIPMENT; A-FRAME AND DERRICK TRUCKS; FLOAT OR LOW BOY (FRANKLIN, JEFFERSON AND ST. CHARLES COUNTIES).....	\$ 39.04	15.85
TRUCK DRIVERS: GROUP 4 SEMI AND/OR POLE TRAILERS; WINCH, FORK & STEEL TRUCKS; DISTRIBUTOR DRIVERS AND OPERATORS; TANK WAGON, SEMI-TRAILER; INSLEY WAGONS, DUMPSTERS, HALF-TRACKS, SPEEDACE, EUCLIDS AND OTHER SIMILAR EQUIPMENT; A-FRAME AND DERRICK TRUCKS; FLOAT OR LOW BOY (ADAIR, BUTLER, CLARK, DUNKIN, HOWELL, KNOX, LEWIS, OREGON, PUTNAM, RIPLEY, SCHUYLER AND SCOTLAND COUNTIES).....	\$ 35.74	15.85
TRUCK DRIVERS: GROUP 4 SEMI AND/OR POLE TRAILERS; WINCH, FORK & STEEL TRUCKS; DISTRIBUTOR DRIVERS AND OPERATORS; TANK WAGON, SEMI-TRAILER; INSLEY WAGONS, DUMPSTERS, HALF-TRACKS, SPEEDACE, EUCLIDS AND OTHER SIMILAR EQUIPMENT; A-FRAME AND (LINCOLN AND WARREN COUNTIES)DERRICK TRUCKS; FLOAT OR LOW BOY....	\$ 37.69	15.85
TRUCK DRIVERS: GROUP 3 FLAT BED TRUCKS, TANDEM AXLE; ARTICULATED DUMP TRUCKS; MATERIAL TRUCKS, TANDEM AXLE; TANK WAGON, TANDEM AXLE (LINCOLN AND WARREN COUNTIES).....	\$ 37.80	15.85
TRUCK DRIVERS: GROUP 3 FLAT BED TRUCKS, TANDEM AXLE; ARTICULATED DUMP TRUCKS; MATERIAL TRUCKS, TANDEM AXLE; TANK WAGON, TANDEM AXLE (FRANKLIN, JEFFERSON AND ST. CHARLES COUNTIES).....	\$ 39.15	15.85
TRUCK DRIVERS: GROUP 3 FLAT BED TRUCKS, TANDEM AXLE; ARTICULATED DUMP TRUCKS; MATERIAL TRUCKS, TANDEM AXLE; TANK WAGON, TANDEM AXLE (ADAIR, BUTLER, CLARK, DUNKIN, HOWELL, KNOX, LEWIS, OREGON, PUTNAM, RIPLEY, SCHUYLER AND SCOTLAND COUNTIES).....	\$ 36.11	15.85
TRUCK DRIVERS: GROUP 2 AGITATOR AND TRANSIT MIX TRUCKS (LINCOLN AND WARREN COUNTIES).....	\$ 38.73	15.85
TRUCK DRIVERS: GROUP 2 AGITATOR AND TRANSIT MIX TRUCKS (FRANKLIN, JEFFERSON AND ST. CHARLES COUNTIES).....	\$ 39.08	15.85
TRUCK DRIVERS: GROUP 2 AGITATOR AND TRANSIT MIX TRUCKS (ADAIR, BUTLER, CLARK, DUNKIN, HOWELL, KNOX, LEWIS, OREGON, PUTNAM, RIPLEY, SCHUYLER AND SCOTLAND COUNTIES).....	\$ 35.99	15.85
TRUCK DRIVERS: GROUP 1 FLAT BED TRUCKS, SINGLE AXLE; STATION WAGONS; PICKUP TRUCKS; MATERIAL TRUCKS, SINGLE AXLE; TANK WAGON, SINGLE AXLE (LINCOLN AND WARREN COUNTIES).....	\$ 37.58	15.85
TRUCK DRIVERS: GROUP 1 FLAT BED TRUCKS, SINGLE AXLE; STATION WAGONS; PICKUP TRUCKS; MATERIAL TRUCKS, SINGLE AXLE; TANK WAGON, SINGLE AXLE (FRANKLIN, JEFFERSON AND ST. CHARLES COUNTIES).....	\$ 38.93	15.85
TRUCK DRIVERS: GROUP 1 FLAT BED TRUCKS, SINGLE AXLE; STATION WAGONS; PICKUP TRUCKS; MATERIAL TRUCKS, SINGLE AXLE; TANK WAGON, SINGLE AXLE (ADAIR, BUTLER, CLARK, DUNKIN, HOWELL, KNOX, LEWIS,		

OREGON, PUTNAM, RIPLEY, SCHUYLER AND SCOTLAND COUNTIES).....\$ 35.84	15.85
TRUCK DRIVERS, GROUP 4 SEMI AND/OR POLE TRAILERS; WINCH, FORK & STEEL TRUCKS; DISTRIBUTOR DRIVERS AND OPERATORS; TANK WAGON, SEMI-TRAILER; INSLEY WAGONS, DUMPSTERS, HALF-TRACKS, SPEEDACE, EUCLIDS AND OTHER SIMILAR EQUIPMENT; A-FRAME AND DERRICK TRUCKS; FLOAT OR LOW BOY (AUDRAIN, BOLLINGER, BOONE, CALLAWAY, CAPE GIRARDEAU, CARTER, COLE, CRAWFORD, DENT, GASCONADE, IRON, MACON, MADISON, MARIES, MARION, MILLER, MISSISSIPPI, MONROE, MONTGOMERY, NEW MADRID, OSAGE, PEMISCOT, PERRY, PHELPS, PIKE, PULASKI, RALLS, REYNOLDS, ST. FRANCOIS, STE. GENEVIEVE, SCOTT, SHANNON, SHELBY, STODDARD, TEXAS, WASHINGTON AND WAYNE COUNTIES).....\$ 36.73	15.85
TRUCK DRIVERS, GROUP 3 FLAT BED TRUCKS, TANDEM AXLE; ARTICULATED DUMP TRUCKS; MATERIAL TRUCKS, TANDEM AXLE; TANK WAGON, TANDEM AXLE (AUDRAIN, BOLLINGER, BOONE, CALLAWAY, CAPE GIRARDEAU, CARTER, COLE, CRAWFORD, DENT, GASCONADE, IRON, MACON, MADISON, MARIES, MARION, MILLER, MISSISSIPPI, MONROE, MONTGOMERY, NEW MADRID, OSAGE, PEMISCOT, PERRY, PHELPS, PIKE, PULASKI, RALLS, REYNOLDS, ST. FRANCOIS, STE. GENEVIEVE, SCOTT, SHANNON, SHELBY, STODDARD, TEXAS, WASHINGTON AND WAYNE COUNTIES).....\$ 36.84	15.85
TRUCK DRIVERS, GROUP 2 AGITATOR AND TRANSIT MIX TRUCKS (AUDRAIN, BOLLINGER, BOONE, CALLAWAY, CAPE GIRARDEAU, CARTER, COLE, CRAWFORD, DENT, GASCONADE, IRON, MACON, MADISON, MARIES, MARION, MILLER, MISSISSIPPI, MONROE, MONTGOMERY, NEW MADRID, OSAGE, PEMISCOT, PERRY, PHELPS, PIKE, PULASKI, RALLS, REYNOLDS, ST. FRANCOIS, STE. GENEVIEVE, SCOTT, SHANNON, SHELBY, STODDARD, TEXAS, WASHINGTON AND WAYNE COUNTIES).....\$ 36.72	15.85
TRUCK DRIVERS, GROUP 1 FLAT BED TRUCKS, SINGLE AXLE; STATION WAGONS; PICKUP TRUCKS; MATERIAL TRUCKS, SINGLE AXLE; TANK WAGON, SINGLE AXLE (AUDRAIN, BOLLINGER, BOONE, CALLAWAY, CAPE GIRARDEAU, CARTER, COLE, CRAWFORD, DENT, GASCONADE, IRON, MACON, MADISON, MARIES, MARION, MILLER, MISSISSIPPI, MONROE, MONTGOMERY, NEW MADRID, OSAGE, PEMISCOT, PERRY, PHELPS, PIKE, PULASKI, RALLS, REYNOLDS, ST. FRANCOIS, STE. GENEVIEVE, SCOTT, SHANNON, SHELBY, STODDARD, TEXAS, WASHINGTON AND WAYNE COUNTIES).....\$ 36.57	15.85

TEAM0056-001 05/01/2024

	Rates	Fringes
TRUCK DRIVERS: GROUP 4 SEMI AND/OR POLE TRAILERS; WINCH, FORK & STEEL TRUCKS; DISTRIBUTOR DRIVERS & OPERATORS; TANK WAGONS SEMI- TRAILER; INSLEY WAGONS, DUMPSTERS, HALF-TRACKS, SPEEDACE, EUCLIDS & OTHER SIMILAR EQUIPMENT; A-FRAMES AND DERRICK TRUCKS; FLOAT OR LOW BOY. (BUCHANAN, JOHNSON AND LAFAYETTE COUNTIES).....\$ 36.08		15.75
TRUCK DRIVERS: GROUP 3 FLAT BED TRUCKS TANDEM AXLE; ARTICULATED DUMP TRUCKS; MATERIAL TRUCKS TANDEM AXLE; TANK WAGONS TANDEM AXLE. (BUCHANAN, JOHNSON AND LAFAYETTE COUNTIES).....\$ 36.08		15.75
TRUCK DRIVERS: GROUP 2 AGITATOR AND TRANSIT MIX-TRUCKS. (BUCHANAN, JOHNSON AND LAFAYETTE COUNTIES).....\$ 36.04		15.75
TRUCK DRIVERS: GROUP 1 FLAT BED TRUCKS SINGLE AXLE; STATION WAGONS; PICKUP TRUCKS; MATERIAL TRUCKS		

SINGLE AXLE; TANK WAGONS SINGLE AXLE. (BUCHANAN, JOHNSON AND LAFAYETTE COUNTIES).....\$ 35.93	15.75
TRUCK DRIVERS: GROUP 4 SEMI AND/OR POLE TRAILERS; WINCH, FORK & STEEL TRUCKS; DISTRIBUTOR DRIVERS & OPERATORS; TANK WAGONS SEMI- TRAILER; INSLEY WAGONS, DUMPSTERS, HALF-TRACKS, SPEEDACE, EUCLIDS & OTHER SIMILAR EQUIPMENT; A-FRAMES AND DERRICK TRUCKS; FLOAT OR LOW BOY. ATCHISON, BARRY, GENTRY, GRUNDY, HARRISON, HOLT, MCDONALD, MERCER, NODAWAY, OZARK, STONE, SULLIVAN, TANEY AND WORTH COUNTIES....\$ 35.81	15.85
TRUCK DRIVERS: GROUP 3 FLAT BED TRUCKS TANDEM AXLE; ARTICULATED DUMP TRUCKS; MATERIAL TRUCKS TANDEM AXLE; TANK WAGONS TANDEM AXLE. ATCHISON, BARRY, GENTRY, GRUNDY, HARRISON, HOLT, MCDONALD, MERCER, NODAWAY, OZARK, STONE, SULLIVAN, TANEY AND WORTH COUNTIES.....\$ 35.69	15.85
TRUCK DRIVERS: GROUP 2 AGITATOR AND TRANSIT MIX-TRUCKS. ATCHISON, BARRY, GENTRY, GRUNDY, HARRISON, HOLT, MCDONALD, MERCER, NODAWAY, OZARK, STONE, SULLIVAN, TANEY AND WORTH COUNTIES.....\$ 35.70	15.85
TRUCK DRIVERS: GROUP 1 FLAT BED TRUCKS SINGLE AXLE; STATION WAGONS; PICKUP TRUCKS; MATERIAL TRUCKS SINGLE AXLE; TANK WAGONS SINGLE AXLE. ATCHISON, BARRY, GENTRY, GRUNDY, HARRISON, HOLT, MCDONALD, MERCER, NODAWAY, OZARK, STONE, SULLIVAN, TANEY AND WORTH COUNTIES.....\$ 35.54	15.85
TRUCK DRIVERS, GROUP 4 SEMI AND/OR POLE TRAILERS; WINCH, FORK & STEEL TRUCKS; DISTRIBUTOR DRIVERS & OPERATORS; TANK WAGONS SEMI- TRAILER; INSLEY WAGONS, DUMPSTERS, HALF-TRACKS, SPEEDACE, EUCLIDS & OTHER SIMILAR EQUIPMENT; A-FRAMES AND DERRICK TRUCKS; FLOAT OR LOW BOY. (ANDREW, BARTON, BATES, BENTON, CALDWELL, CAMDEN, CARROLL, CEDAR, CHARITON, CHRISTIAN, CLINTON, COOPER, DADE, DALLAS, DAVIESS, DEKALB, DOUGLAS, GREENE, HENRY, HICKORY, HOWARD, JASPER, LACLEDE, LAWRENCE, LINN, LIVINGSTON, MONITEAU, MORGAN, NEWTON, PETTIS, POLK, RANDOLPH, ST. CLAIR, SALINE, VERNON, WEBSTER AND WRIGHT COUNTIES).....\$ 36.54	15.85
TRUCK DRIVERS, GROUP 3 FLAT BED TRUCKS TANDEM AXLE; ARTICULATED DUMP TRUCKS; MATERIAL TRUCKS TANDEM AXLE; TANK WAGONS TANDEM AXLE. (ANDREW, BARTON, BATES, BENTON, CALDWELL, CAMDEN, CARROLL, CEDAR, CHARITON, CHRISTIAN, CLINTON, COOPER, DADE, DALLAS, DAVIESS, DEKALB, DOUGLAS, GREENE, HENRY, HICKORY, HOWARD, JASPER, LACLEDE, LAWRENCE, LINN, LIVINGSTON, MONITEAU, MORGAN, NEWTON, PETTIS, POLK, RANDOLPH, ST. CLAIR, SALINE, VERNON, WEBSTER AND WRIGHT COUNTIES).....\$ 36.42	15.85
TRUCK DRIVERS, GROUP 2 AGITATOR AND TRANSIT MIX-TRUCKS. (ANDREW, BARTON, BATES, BENTON, CALDWELL, CAMDEN, CARROLL, CEDAR, CHARITON, CHRISTIAN, CLINTON, COOPER, DADE, DALLAS, DAVIESS, DEKALB, DOUGLAS, GREENE, HENRY, HICKORY, HOWARD, JASPER, LACLEDE, LAWRENCE, LINN, LIVINGSTON, MONITEAU, MORGAN, NEWTON, PETTIS, POLK, RANDOLPH, ST. CLAIR, SALINE, VERNON, WEBSTER AND WRIGHT COUNTIES).....\$ 36.43	15.85
TRUCK DRIVERS, GROUP 1 FLAT BED TRUCKS SINGLE AXLE; STATION WAGONS; PICKUP TRUCKS; MATERIAL TRUCKS SINGLE AXLE; TANK WAGONS SINGLE AXLE. (ANDREW, BARTON, BATES, BENTON, CALDWELL, CAMDEN, CARROLL, CEDAR, CHARITON, CHRISTIAN, CLINTON, COOPER, DADE, DALLAS, DAVIESS, DEKALB, DOUGLAS, GREENE, HENRY, HICKORY, HOWARD, JASPER, LACLEDE, LAWRENCE, LINN,	

LIVINGSTON, MONITEAU, MORGAN, NEWTON, PETTIS, POLK, RANDOLPH, ST. CLAIR, SALINE, VERNON, WEBSTER AND WRIGHT COUNTIES).....	\$ 36.27	15.85
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TEAM0056-001 05/01/2025

Rates

Fringes

TRUCK DRIVERS: GROUP 4 SEMI AND/OR POLE TRAILERS; WINCH, FORK & STEEL TRUCKS; DISTRIBUTOR DRIVERS & OPERATORS; TANK WAGONS SEMI- TRAILER; INSLEY WAGONS, DUMPSTERS, HALF-TRACKS, SPEEDACE, EUCLIDS & OTHER SIMILAR EQUIPMENT; A-FRAMES AND DERRICK TRUCKS; FLOAT OR LOW BOY. (BUCHANAN, JOHNSON AND LAFAYETTE COUNTIES).....	\$ 36.08	15.75
TRUCK DRIVERS: GROUP 3 FLAT BED TRUCKS TANDEM AXLE; ARTICULATED DUMP TRUCKS; MATERIAL TRUCKS TANDEM AXLE; TANK WAGONS TANDEM AXLE. (BUCHANAN, JOHNSON AND LAFAYETTE COUNTIES).....	\$ 36.08	15.75
TRUCK DRIVERS: GROUP 2 AGITATOR AND TRANSIT MIX-TRUCKS. (BUCHANAN, JOHNSON AND LAFAYETTE COUNTIES).....	\$ 36.04	15.75
TRUCK DRIVERS: GROUP 1 FLAT BED TRUCKS SINGLE AXLE; STATION WAGONS; PICKUP TRUCKS; MATERIAL TRUCKS SINGLE AXLE; TANK WAGONS SINGLE AXLE. (BUCHANAN, JOHNSON AND LAFAYETTE COUNTIES).....	\$ 35.93	15.75
TRUCK DRIVERS: GROUP 4 SEMI AND/OR POLE TRAILERS; WINCH, FORK & STEEL TRUCKS; DISTRIBUTOR DRIVERS & OPERATORS; TANK WAGONS SEMI- TRAILER; INSLEY WAGONS, DUMPSTERS, HALF-TRACKS, SPEEDACE, EUCLIDS & OTHER SIMILAR EQUIPMENT; A-FRAMES AND DERRICK TRUCKS; FLOAT OR LOW BOY. ATCHISON, BARRY, GENTRY, GRUNDY, HARRISON, HOLT, MCDONALD, MERCER, NODAWAY, OZARK, STONE, SULLIVAN, TANAY AND WORTH COUNTIES....	\$ 35.81	15.85
TRUCK DRIVERS: GROUP 3 FLAT BED TRUCKS TANDEM AXLE; ARTICULATED DUMP TRUCKS; MATERIAL TRUCKS TANDEM AXLE; TANK WAGONS TANDEM AXLE. ATCHISON, BARRY, GENTRY, GRUNDY, HARRISON, HOLT, MCDONALD, MERCER, NODAWAY, OZARK, STONE, SULLIVAN, TANAY AND WORTH COUNTIES.....	\$ 35.69	15.85
TRUCK DRIVERS: GROUP 2 AGITATOR AND TRANSIT MIX-TRUCKS. ATCHISON, BARRY, GENTRY, GRUNDY, HARRISON, HOLT, MCDONALD, MERCER, NODAWAY, OZARK, STONE, SULLIVAN, TANAY AND WORTH COUNTIES.....	\$ 35.70	15.85
TRUCK DRIVERS: GROUP 1 FLAT BED TRUCKS SINGLE AXLE; STATION WAGONS; PICKUP TRUCKS; MATERIAL TRUCKS SINGLE AXLE; TANK WAGONS SINGLE AXLE. ATCHISON, BARRY, GENTRY, GRUNDY, HARRISON, HOLT, MCDONALD, MERCER, NODAWAY, OZARK, STONE, SULLIVAN, TANAY AND WORTH COUNTIES.....	\$ 35.54	15.85
TRUCK DRIVERS: GROUP 4 SEMI AND/OR POLE TRAILERS; WINCH, FORK & STEEL TRUCKS; DISTRIBUTOR DRIVERS & OPERATORS; TANK WAGONS SEMI- TRAILER; INSLEY WAGONS, DUMPSTERS, HALF-TRACKS, SPEEDACE, EUCLIDS & OTHER SIMILAR EQUIPMENT; A-FRAMES AND DERRICK TRUCKS; FLOAT OR LOW BOY. (ANDREW, BARTON, BATES, BENTON, CALDWELL, CAMDEN, CARROLL, CEDAR, CHARITON, CHRISTIAN, CLINTON, COOPER, DADE, DALLAS, DAVIESS, DEKALB, DOUGLAS, GREENE, HENRY, HICKORY, HOWARD, JASPER, LACLEDE, LAWRENCE, LINN, LIVINGSTON, MONITEAU, MORGAN, NEWTON, PETTIS, POLK, RANDOLPH, ST. CLAIR, SALINE, VERNON, WEBSTER AND WRIGHT COUNTIES).....	\$ 36.54	15.85
TRUCK DRIVERS: GROUP 3 FLAT BED TRUCKS TANDEM AXLE; ARTICULATED DUMP TRUCKS; MATERIAL TRUCKS TANDEM AXLE; TANK WAGONS TANDEM AXLE. (ANDREW, BARTON,		

BATES, BENTON, CALDWELL, CAMDEN, CARROLL, CEDAR, CHARITON, CHRISTIAN, CLINTON, COOPER, DADE, DALLAS, DAVIESS, DEKALB, DOUGLAS, GREENE, HENRY, HICKORY, HOWARD, JASPER, LACLEDE, LAWRENCE, LINN, LIVINGSTON, MONITEAU, MORGAN, NEWTON, PETTIS, POLK, RANDOLPH, ST. CLAIR, SALINE, VERNON, WEBSTER AND WRIGHT COUNTIES).....	\$ 36.42	15.85
TRUCK DRIVERS, GROUP 2 AGITATOR AND TRANSIT MIX-TRUCKS. (ANDREW, BARTON, BATES, BENTON, CALDWELL, CAMDEN, CARROLL, CEDAR, CHARITON, CHRISTIAN, CLINTON, COOPER, DADE, DALLAS, DAVIESS, DEKALB, DOUGLAS, GREENE, HENRY, HICKORY, HOWARD, JASPER, LACLEDE, LAWRENCE, LINN, LIVINGSTON, MONITEAU, MORGAN, NEWTON, PETTIS, POLK, RANDOLPH, ST. CLAIR, SALINE, VERNON, WEBSTER AND WRIGHT COUNTIES).....	\$ 36.43	15.85
TRUCK DRIVERS, GROUP 1 FLAT BED TRUCKS SINGLE AXLE; STATION WAGONS; PICKUP TRUCKS; MATERIAL TRUCKS SINGLE AXLE; TANK WAGONS SINGLE AXLE. (ANDREW, BARTON, BATES, BENTON, CALDWELL, CAMDEN, CARROLL, CEDAR, CHARITON, CHRISTIAN, CLINTON, COOPER, DADE, DALLAS, DAVIESS, DEKALB, DOUGLAS, GREENE, HENRY, HICKORY, HOWARD, JASPER, LACLEDE, LAWRENCE, LINN, LIVINGSTON, MONITEAU, MORGAN, NEWTON, PETTIS, POLK, RANDOLPH, ST. CLAIR, SALINE, VERNON, WEBSTER AND WRIGHT COUNTIES).....	\$ 36.27	15.85

TEAM0245-001 03/26/2012

Rates

Fringes

TRUCK DRIVERS: TRAFFIC CONTROL SERVICE DRIVER. PAID HOLIDAYS: NEW YEAR'S DAY, DECORATION DAY, JULY 4TH, LABOR DAY, THANKSGIVING DAY, CHRISTMAS DAY, EMPLOYEE'S BIRTHDAY AND 2 PERSONAL DAYS.....	\$ 20.45	0.00
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TEAM0541-001 04/01/2025

Rates

Fringes

TRUCK DRIVERS: GROUP 3 (CASS, CLAY, JACKSON, PLATTE AND RAY COUNTIES).....	\$ 37.52	15.85
TRUCK DRIVERS: GROUP 2 (CASS, CLAY, JACKSON, PLATTE AND RAY COUNTIES).....	\$ 38.04	15.85
TRUCK DRIVERS: GROUP 1 (CASS, CLAY, JACKSON, PLATTE AND RAY COUNTIES).....	\$ 38.61	15.85

TEAM0682-002 05/01/2025

Rates

Fringes

TRUCK DRIVERS: GROUP 3 (ST LOUIS CITY AND COUNTY)...	\$ 37.83	9.85
TRUCK DRIVERS: GROUP 2 (ST LOUIS CITY AND COUNTY)...	\$ 37.83	9.85
TRUCK DRIVERS: GROUP 1 (ST LOUIS CITY AND COUNTY)...	\$ 37.83	9.85

WELDERS - Receive rate prescribed for craft performing
operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave
for Federal Contractors applies to all contracts subject to the
Davis-Bacon Act for which the contract is awarded (and any
solicitation was issued) on or after January 1, 2017. If this
contract is covered by the EO, the contractor must provide
employees with 1 hour of paid sick leave for every 30 hours
they work, up to 56 hours of paid sick leave each year.

Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at <https://www.dol.gov/agencies/whd/government-contracts>.

Note: Executive Order 13658 generally applies to contracts subject to the Davis-Bacon Act that were awarded on or between January 1, 2015 and January 29, 2022, and that have not been renewed or extended on or after January 30, 2022. Executive Order 13658 does not apply to contracts subject only to the Davis-Bacon Related Acts regardless of when they were awarded. If a contract is subject to Executive Order 13658, the contractor must pay all covered workers at least \$13.65 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract from May 11, 2026, through December 31, 2026. The applicable Executive Order minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under Executive Order 13658 is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (iii)).

The body of each wage determination lists the classifications and wage rates that have been found to be prevailing for the type(s) of construction and geographic area covered by the wage determination. The classifications are listed in alphabetical order under rate identifiers indicating whether the particular rate is a union rate (current union negotiated rate), a survey rate, a weighted union average rate, a state adopted rate, or a supplemental classification rate.

Union Rate Identifiers

A four-letter identifier beginning with characters other than "SU", "UAVG", "SA", or "SC" denotes that a union rate was prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2024. PLUM is an identifier of the union whose collectively bargained rate prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2024 in the example, is the effective date of the most current negotiated rate.

Union prevailing wage rates are updated to reflect all changes over time that are reported to WHD in the rates in the collective bargaining agreement (CBA) governing the classification.

Union Average Rate Identifiers

The UAVG identifier indicates that no single rate prevailed for those classifications, but that 100% of the data reported for the classifications reflected union rates. EXAMPLE:

UAVG-OH-0010 01/01/2024. UAVG indicates that the rate is a weighted union average rate. OH indicates the State of Ohio. The next number, 0010 in the example, is an internal number used in producing the wage determination. The date, 01/01/2024 in the example, indicates the date the wage determination was updated to reflect the most current union average rate.

A UAVG rate will be updated once a year, usually in January, to reflect a weighted average of the current rates in the collective bargaining agreements on which the rate is based.

Survey Rate Identifiers

The ""SU"" identifier indicates that either a single non-union rate prevailed (as defined in 29 CFR 1.2) for this classification in the survey or that the rate was derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As a weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SUFL2022-007 6/27/2024. SU indicates the rate is a single non-union prevailing rate or a weighted average of survey data for that classification. FL indicates the State of Florida. 2022 is the year of the survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 6/27/2024 in the example, indicates the survey completion date for the classifications and rates under that identifier.

?SU? wage rates typically remain in effect until a new survey is conducted. However, the Wage and Hour Division (WHD) has the discretion to update such rates under 29 CFR 1.6(c)(1).

State Adopted Rate Identifiers

The ""SA"" identifier indicates that the classifications and prevailing wage rates set by a state (or local) government were adopted under 29 C.F.R 1.3(g)-(h). Example: SAME2023-007 01/03/2024. SA reflects that the rates are state adopted. ME refers to the State of Maine. 2023 is the year during which the state completed the survey on which the listed classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 01/03/2024 in the example, reflects the date on which the classifications and rates under the ?SA? identifier took effect under state law in the state from which the rates were adopted.

WAGE DETERMINATION APPEALS PROCESS

1) Has there been an initial decision in the matter? This can be:

- a) a survey underlying a wage determination
- b) an existing published wage determination
- c) an initial WHD letter setting forth a position on a wage determination matter
- d) an initial conformance (additional classification and rate) determination

On survey related matters, initial contact, including requests for summaries of surveys, should be directed to the WHD Branch of Wage Surveys. Requests can be submitted via email to davisbaconinfo@dol.gov or by mail to:

Branch of Wage Surveys
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

Regarding any other wage determination matter such as conformance decisions, requests for initial decisions should be directed to the WHD Branch of Construction Wage Determinations. Requests can be submitted via email to BCWD-Office@dol.gov or by mail to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2) If an initial decision has been issued, then any interested party (those affected by the action) that disagrees with the decision can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Requests for review and reconsideration can be submitted via email to dba.reconsideration@dol.gov or by mail to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210.

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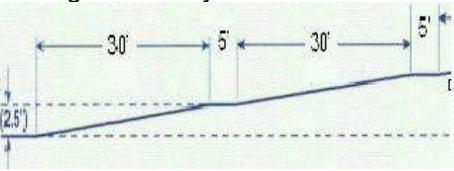
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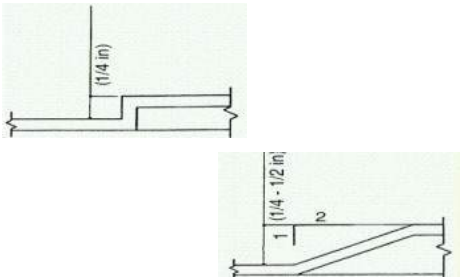
ADA CHECKLIST

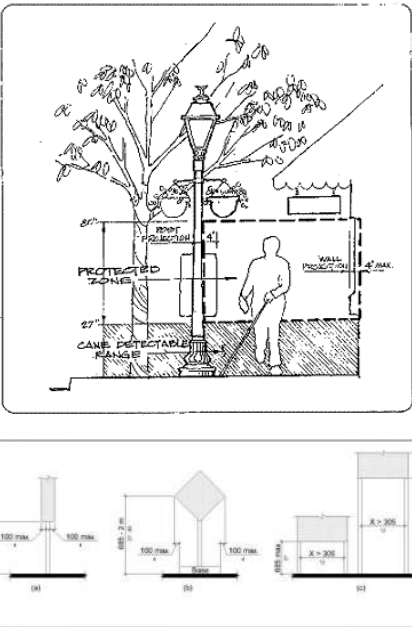
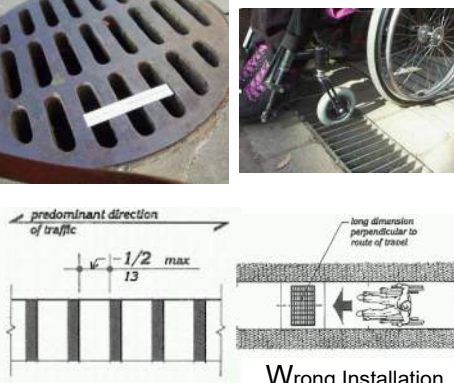
Revised July 8, 2024

Job No. _____ Route _____ County _____ Location _____

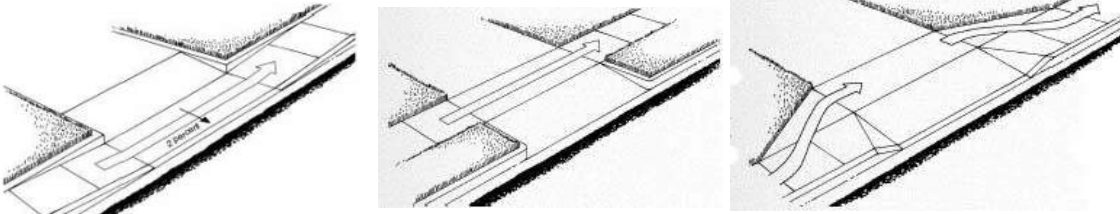
Pedestrian Access Route (PROWAG R204)				
Figures/Examples	Requirements ¹	YES	NO	NA
Sidewalk Width 	- The minimum continuous and unobstructed clear width of a pedestrian access route shall be 4.0 feet, exclusive of the width of the curb. - The continuous clear width of pedestrian access routes for medians and pedestrian refuge islands must be 5 feet minimum in order to allow for passing space. - MoDOT Sidewalks shall be 5 feet wide minimum. ² - MoDOT Sidewalks located within 2 feet of the back of curb are to be constructed 6 feet wide minimum and constructed adjacent to the back of the curb. ² - Exception: an unaltered, existing sidewalk shall be 3 feet wide minimum and shall provide 5 foot x 5 foot passing spaces at intervals of 200 feet maximum. ² - Detectable warning surfaces shall be provided, where a curb ramp, landing, or blended transition connects to a street. Where commercial driveways are provided with traffic control devices or otherwise are permitted to operate like public streets, detectable warnings should be provided at the junction between the pedestrian route and the street. - Gratings, access covers, and other appurtenances shall not be located on curb ramps, landings, blended transitions, and gutters within the pedestrian access route. - Grade breaks shall not be permitted on the surface of curb ramps, blended transitions, landings, and gutter areas within the pedestrian access route. Surface slopes that meet at grade breaks shall be flush.			
Passing Spaces	- Walkways in pedestrian access routes that are less than 5 feet in clear width shall provide passing spaces at intervals of 200 feet maximum. - Pedestrian access routes at passing spaces shall be 5 feet wide for a distance of 5 feet.			
Sidewalk Running Slope The grade that is parallel to the direction of travel, expressed as a ratio of rise to run or as a percent.	- The running slope of a pedestrian access route shall be 5 percent maximum. <u>Roadway Grade Exception:</u> Where pedestrian access routes are contained within a street or highway right-of-way, the grade of the pedestrian access route is permitted to equal the general grade established for the adjacent street or highway. - Running Slopes shall be measured using a calibrated 2 foot long digital level.			

Figures/Examples	Requirements ¹	YES	NO	NA
Sidewalk Cross Slope The grade that is perpendicular to the direction of accessible pedestrian travel, measured perpendicular to the curb line or edge of the street or highway, or measured perpendicular to the running grade.	• The cross slope of the walkway of a pedestrian access route shall be 2 percent maximum. (Roadway Grade Exception may be considered) • 2010 ADA/ABA allows for cross slopes of up to ¼ inch per foot (2.08 percent). • In either case, a cross slope measurement of 2.1 percent or greater is not ADA compliant. • Cross Slopes shall be measured using a calibrated 2 foot long digital level.			
Sidewalk Ramps For example, a sidewalk ramp segment with the maximum allowed running slope of 8.33% would require a landing after every 30' of run. 	• A sidewalk segment (not contained within a street or highway border) with a running grade in excess of 5 percent but less than 8.33 percent is by definition a sidewalk ramp. • Sidewalk Ramps shall have landings at the top and the bottom of each ramp run. - The landing clear width shall be at least as wide as the widest ramp run leading to the landing. - The landing clear length shall be 5.0 feet long minimum. - Sidewalk Ramps that change direction between runs at landings shall have a clear landing 5.0 feet minimum by 5.0 feet minimum. - Landing slopes shall be 2 percent maximum. - Changes in level at grade breaks shall be flush. • Cross slope of ramp runs shall be 2 percent maximum. • The rise for any ramp run shall be 30 inches maximum. • Sidewalk Ramp runs with a rise greater than 6 inches shall have handrails. • Handrails shall be provided on both sides of stairs and sidewalk ramps. • Edge protection shall be provided on each side of sidewalk ramp runs. • Detectable warning surfaces shall be provided, where a curb ramp, landing, or blended transition connects to a street. • Gratings, access covers, and other appurtenances shall not be located on ramps, landings, blended transitions, and gutters within the pedestrian access route. • Grade breaks shall not be permitted on the surface of ramps, blended transitions, landings, and gutter areas within the pedestrian access route. Surface slopes that meet at grade breaks shall be flush.			

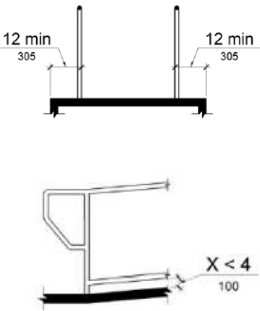
Figures/Examples	Requirements ¹	YES	NO	NA
Vertical Alignment	- Vertical alignment shall be planar within curb ramp runs, blended transitions, landings, and gutter areas within the pedestrian access route, and within clear spaces required for accessible pedestrian signals, street furniture, and operable parts. - Grade breaks shall not be permitted on the surface of curb ramps, blended transitions, landings, and gutter areas within the pedestrian access route. - Grade breaks shall be flush. - Running Slopes and Cross Slopes shall be measured using a calibrated 2 foot long digital level. - Where the pedestrian access route crosses rail tracks at grade, the surface of the pedestrian access route shall be level and flush with the top of the rail at the outer edges of the rail. The surface between the rails shall be aligned with the top of the rail.			
Changes in Level  	- Changes in level at grade breaks shall be flush. - Changes in level of ¼ inch high maximum shall be permitted to be vertical. - Changes in level between ¼ inch high maximum and ½ inch high maximum shall be beveled with a slope not steeper than 1v:2h. - The bevel shall be applied across the entire level change. - Changes in level greater than ½ inch high shall be ramp grade or flatter, a slope of 8.33 percent or less.			

Figures/Examples	Requirements ¹	YES	NO	NA
	- Protruding objects on sidewalks and other pedestrian circulation paths shall not reduce the clear width required for pedestrian accessible routes. - Objects with leading edges more than 27 inches and not more than 80 inches above the finish floor or ground shall protrude 4 inches maximum horizontally into the circulation path. - Free-standing objects mounted on posts or pylons shall overhang circulation paths 4 inches maximum measured horizontally from the post or pylon base when located 27 inches minimum and 80 inches maximum above the finish floor or ground. The base dimension shall be 2.5 inches thick minimum. (2011 PROWAG R402.3) - Where a sign or other obstruction is mounted between posts or pylons and the clear distance between the posts or pylons is greater than 12 inches, the lowest edge of such sign or obstruction shall be 27 inches maximum or 80 inches minimum above the finish floor or ground. - Vertical clearance shall be 80 inches high minimum. Guardrails or other barriers shall be provided where the vertical clearance is less than 80 inches high. The leading edge of such guardrail or barrier shall be located 27 inches maximum above the finish floor or ground. - Guardrails or other barriers shall be provided where the vertical clearance is less than 80 inches high. The leading edge of such guardrail or barrier shall be located 27 inches maximum above the finish surface or ground.			
 Wrong Installation	- Openings in floor and ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. - Gratings, access covers, and other appurtenances shall not be located on curb ramps, landings, blended transitions, and gutters within the pedestrian access route. - Lift holes for manhole/utility covers shall not have an opening greater than 1/2 inch. Plugging of holes greater than 1/2 inch with a material approved by the engineer is acceptable as long as it complies with the changes in level requirements.			

ENTRANCES (PROWAG R301)

Figures/Examples	Requirements ¹	YES	NO	NA
	- The minimum continuous and unobstructed clear width of a pedestrian access route provided across commercial and residential entrances shall be 4 feet minimum. - Cross slope shall be 2 percent maximum. - Be cautious with the transition from the driveway to the roadway to avoid grade combinations that will cause vehicles to bottom out when driving over the transition. ² 			

EDGE PROTECTION (PROWAG R406.8)

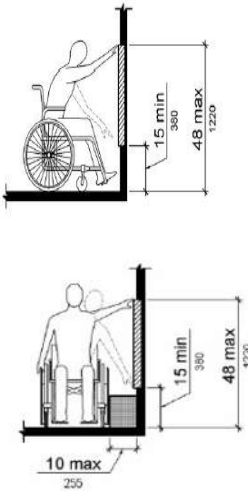
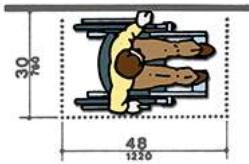
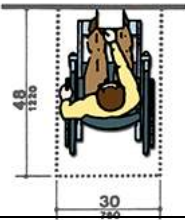
Figures/Examples	Requirements ¹	YES	NO	NA
	- Edge protection shall be provided on each side of ramp runs and at each side of ramp landings. - A curb or barrier shall be provided that prevents the passage of a 4 inch diameter sphere, where any portion of the sphere is within 4 inches of the finish floor or ground surface. - Edge-protection shall not be required when the floor or ground surface of the ramp run or landing extends 12 inches minimum beyond the inside face of a handrail. - Edge protection shall not be required on curb ramps and their landings. - Edge protection shall not be required on ramps that are not required to have handrails and have flares not steeper than 1:10. - Edge protection shall not be required on the sides of ramp landings having a vertical drop-off of ½ inch maximum within 10 inches horizontally of the minimum landing area.			

HANDRAIL AND PEDESTRIAN GUARDRAIL (PROWAG R408)				
Figures/Examples	Requirements ¹	YES	NO	NA
	- The clear width of walking surfaces shall be 4.0 feet minimum. - Handrails are required on ramp runs with a rise greater than 6 inches and on certain stairways. Handrails are not required on walking surfaces with running slopes less than 1:20. Where required, handrails shall be provided on both sides of stairs and ramps. - Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. - Top of gripping surfaces of handrails shall be 34 inches minimum and 38 inches maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. - Clearance between handrail gripping surfaces and adjacent surfaces shall be 1 1/2 inches minimum. - Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1 1/4 inches minimum and 2 inches maximum. - Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4 inches minimum and 6 1/4 inches maximum, and a cross-section dimension of 2 1/4 inches maximum. - Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. - Handrails shall not rotate within their fittings. - Ramp handrails shall extend horizontally above the landing for 12 inches minimum beyond the top and bottom of ramp runs. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent ramp run. - At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches minimum beginning directly above the first riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. - At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extension shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. - See Edge Protection section above (also PROWAG 406.8) for additional details.			

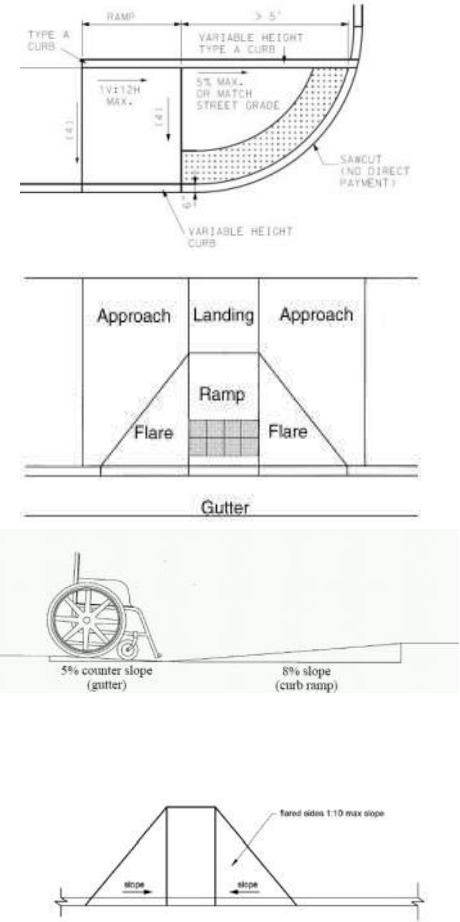
STAIRWAYS (PROWAG R407)

Figures/Examples	Requirements ¹	YES	NO	NA
	• All steps on a flight of stairs shall have uniform riser heights and uniform tread depths. Risers shall be 4 inches high minimum and 7 inches high maximum. Treads shall be 11 inches deep minimum. • Open risers are not permitted. • The radius of curvature at the leading edge of the tread shall be 1/2 inch maximum. Nosings that project beyond risers shall have the underside of the leading edge curved or beveled. Risers shall be permitted to slope under the tread at an angle of 30 degrees maximum from vertical. The permitted projection of the nosing shall extend 1 1/2 inches maximum over the tread below. • Stairs shall have handrails complying with PROWAG 2005 R408.			

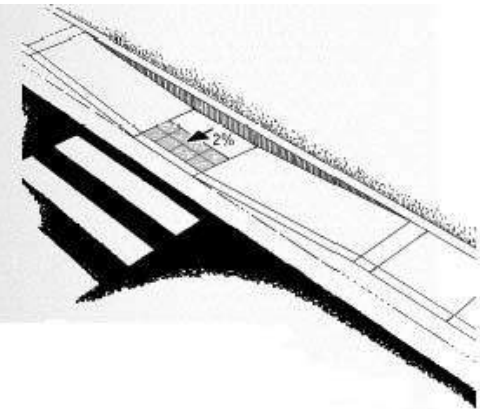
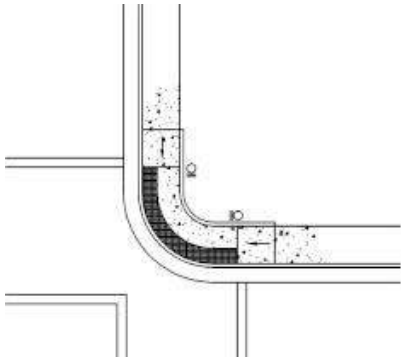
UNOBSTRUCTED REACH RANGES (PROWAG R406)

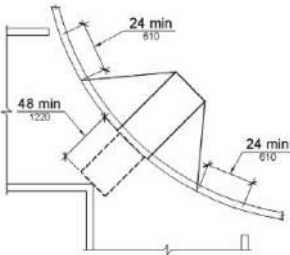
Figures/Examples	Requirements ¹	YES	NO	NA
	Forward Reach • Where a forward reach is unobstructed, the high forward reach shall be 48 inches maximum and the low forward reach shall be 15 inches minimum above the finish floor or ground. Side Reach • Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48 inches maximum and the low side reach shall be 15 inches minimum above the finish floor or ground. • EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10 inches maximum. (2011 PROWAG R406.3) Parallel Approach  Forward Approach 			

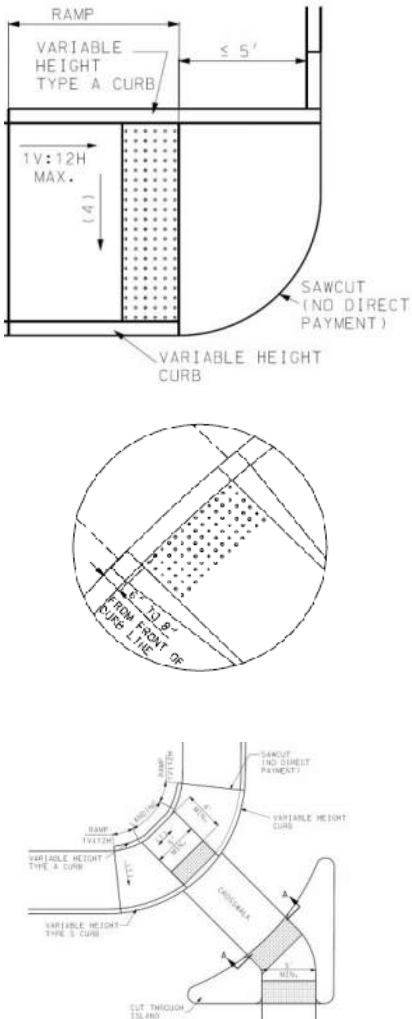
CURB RAMPS (PROWAG R304)

Figures/Examples	Requirements ¹	YES	NO	NA
A curb ramp, blended transition, or a combination of curb ramps and blended transitions shall connect the pedestrian access routes at each pedestrian street crossing.  15 Foot Rule: For a compliant curb ramp to exceed 8.33 percent running grade, its constructed length must exceed 15.0 feet.	- The clear width of curb ramps, excluding the flares, shall be 4.0 feet minimum. - Curb Ramp runs shall have a running slope between 5 percent minimum and 8.33 percent maximum but shall not require the curb ramp length to exceed 15.0 feet. Exception: 15 Foot Rule: The running slope for a curb ramp is not limited to 8.33 percent maximum if the constructed curb ramp length exceeds 15 feet in length. - Cross slope of ramp runs shall be 2 percent maximum. (Roadway Grade Exception may be considered) - The cross slope at midblock crossings shall be permitted to be warped to meet street or highway grade. - Handrails and Edge protection shall not be required on curb ramps and their landings. - Curb height = 0 inches within curb ramp spaces. - Curb ramps must be flush with street. - The counter slope of the gutter or street at the foot of a curb ramp, landing, or blended transition shall be 5 percent maximum. (R303.3.5) - The adjacent surfaces at transitions at curb ramps to walks, gutters, and streets shall be at the same level. - Flared sides with a slope of 10 percent maximum, measured parallel to the curbline, shall be provided where a pedestrian circulation path crosses the curb ramp. - In alterations, where there is no landing at the top of curb ramps, curb ramp flares shall be provided and shall not be steeper than 1:12. - Detectable warning surfaces shall be provided, where a curb ramp, landing, or blended transition connects to a street. - Gratings, access covers, and other appurtenances shall not be located on curb ramps, landings, blended transitions, and gutters within the pedestrian access route. - Grade breaks shall not be permitted on the surface of curb ramps, blended transitions, landings, and gutter areas within the pedestrian access route. Surface slopes that meet at grade breaks shall be flush. - Grade Breaks at the top and bottom of curb ramp runs shall be perpendicular to the direction of the ramp run.			

Figures/Examples	Requirements ¹	YES	NO	NA
Perpendicular Ramps $X = 4'$ Min. Flared Sides in Pathway Flared Sides Not in Pathway <u>Roadway Grade Exception:</u> Where curb ramps, landings and blended transitions are contained within a street or highway right-of-way, the grade of the pedestrian access route is permitted to be modified to equal the general grade established for the adjacent street or highway.	• Perpendicular curb ramps shall have a running slope that cuts through or is built up to the curb at right angles or meets the gutter grade break at right angles. • The clear width of landings, blended transitions, and curb ramps, excluding flares, shall be 4.0 feet minimum. • The running slope shall be 5 percent minimum and 8.33 percent maximum but shall not require the ramp length to exceed 15.0 feet. • The cross slope at intersections shall be 2 percent maximum. (Roadway Grade Exception may be considered) • The cross slope at midblock crossings shall be permitted to be warped to meet street or highway grade. <u>Roadway Grade Exception:</u> The grade of pedestrian access routes within sidewalks is permitted to equal the general grade established for the adjacent street or highway. The cross slope of curb ramps, blended transitions, landings, and turning spaces at pedestrian street crossings without yield or stop control where vehicles can proceed through the intersection without slowing or stopping, and at midblock pedestrian street crossings are permitted to equal the street or highway grade. • A landing 4.0 feet minimum by 4.0 feet minimum shall be provided at the top of the curb ramp and shall be permitted to overlap other landings and clear space. • Flared sides with a slope of 10 percent maximum, measured parallel to the curbline, shall be provided where a pedestrian circulation path crosses the curb ramp. • If the flared sides are not in the pathway (grass next to ramp), then there is no maximum slope and can be vertical curbs. (See adjacent figure for further explanation.) • Detectable warning surfaces shall be provided, where a curb ramp, landing, or blended transition connects to a street. • Gratings, access covers, and other appurtenances shall not be located on curb ramps, landings, blended transitions, and gutters within the pedestrian access route. • Grade breaks at the top and bottom of perpendicular curb ramps shall be perpendicular to the direction of ramp run. At least one end of the bottom grade break shall be at the back of curb. • Grade breaks shall not be permitted on the surface of curb ramps, blended transitions, landings, and gutter areas within the pedestrian access route. Surface slopes that meet at grade breaks shall be flush. • Where both ends of the bottom grade break are 5.0 feet or less from the back of curb, the detectable warning shall be located on the ramp surface at the bottom grade break. Where either end of the bottom grade break is more than 5.0 feet from the back of curb, the detectable warning shall be located on the lower landing.			

Figures/Examples	Requirements ¹	YES	NO	NA
 Curb Ramps and landings that are contained within a street or highway border may use the Roadway Grade Exception for slopes or cross slopes in the direction of the roadway travel being matched.	• Parallel curb ramps shall have a running slope that is in-line with the direction of sidewalk travel. • The clear width of landings, blended transitions, and curb ramps, excluding flares, shall be 4.0 feet minimum. • The running slope shall be 5 percent minimum and 8.33 percent maximum but shall not require the ramp length to exceed 15.0 feet. • The cross slope shall be 2 percent maximum. (Roadway Grade Exception may be considered) <u>Roadway Grade Exception:</u> The grade of pedestrian access routes within sidewalks is permitted to equal the general grade established for the adjacent street or highway. The cross slope of curb ramps, blended transitions, landings, and turning spaces at pedestrian street crossings without yield or stop control where vehicles can proceed through the intersection without slowing or stopping, and at midblock pedestrian street crossings are permitted to equal the street or highway grade. • A landing 4.0 feet minimum by 4.0 feet minimum shall be provided at the bottom of the ramp run and shall be permitted to overlap other landings and clear floor or ground space. • Where a parallel curb ramp does not occupy the entire width of a sidewalk, drop-offs at diverging segments shall be protected. • Detectable warning surfaces shall be provided, where a curb ramp, landing, or blended transition connects to a street. • Gratings, access covers, and other appurtenances shall not be located on curb ramps, landings, blended transitions, and gutters within the pedestrian access route. • Grade breaks shall not be permitted on the surface of curb ramps, blended transitions, landings, and gutter areas within the pedestrian access route. Surface slopes that meet at grade breaks shall be flush.			
	• Blended Transitions shall have a running slope of 5 percent maximum and cross slope shall be 2 percent maximum. • The clear width blended transitions, excluding flares, shall be 4.0 feet minimum. • Detectable warning surfaces shall be provided where a blended transition connects to a street. • Gratings, access covers, and other appurtenances shall not be located on blended transitions within the pedestrian access route. • Grade breaks at the top and bottom of perpendicular curb ramps shall be perpendicular to the direction of ramp run. At least one end of the bottom grade break shall be at the back of curb. Grade breaks shall not be permitted on the surface of blended transitions and gutter areas within the pedestrian access route. Surface slopes that meet at grade breaks shall be flush.			

Figures/Examples	Requirements ¹	YES	NO	NA
 	• Diagonal Curb Ramps or corner type curb ramps are no longer preferred design types. A design that provides individual ramps for each crossing direction is recommended by the US Access Board. • Diagonal Curb Ramps or corner type curb ramps with returned curbs or other well-defined edges shall have the edges parallel to the direction of pedestrian flow. • The bottom of diagonal curb ramps shall have a clear space 48 inches minimum outside active traffic lanes of the roadway. • Diagonal curb ramps provided at marked crossings shall provide the 48 inches minimum clear space within the markings. • Diagonal curb ramps with flared sides shall have a segment of curb 24 inches long minimum located on each side of the curb ramp and within the marked crossing. <u>Roadway Grade Exception:</u> The grade of pedestrian access routes within sidewalks is permitted to equal the general grade established for the adjacent street or highway. The cross slope of curb ramps, blended transitions, landings, and turning spaces at pedestrian street crossings without yield or stop control where vehicles can proceed through the intersection without slowing or stopping, and at midblock pedestrian street crossings are permitted to equal the street or highway grade. • Detectable warning surfaces shall be provided, where a curb ramp, landing, or blended transition connects to a street. • Gratings, access covers, and other appurtenances shall not be located on curb ramps, landings, blended transitions, and gutters within the pedestrian access route. • Grade breaks shall not be permitted on the surface of curb ramps, blended transitions, landings, and gutter areas within the pedestrian access route. Surface slopes that meet at grade breaks shall be flush. • Running and cross slope at midblock crossings shall be permitted to be warped to meet street or highway grade.			

DETECTABLE WARNINGS DEVICES (TRUNCATED DOMES) (PROWAG R304)				
Figures/Examples	Requirements ¹	YES	NO	NA
A surface feature of truncated dome material built in or applied to the walking surface to advise of an upcoming change from pedestrian to vehicular way. 	• Detectable warnings shall consist of a surface of truncated domes aligned in a square or radial grid pattern complying with 2010 ADA Standards. Detectable warning surfaces shall contrast visually with adjacent gutter, street or highway, or walkway surfaces, either light-on-dark or dark-on-light. • Detectable warning surfaces shall extend 24 inches minimum in the direction of travel and the full width of the curb ramp (exclusive of flares), the landing, or the blended transition. Detectable warning surfaces are required where curb ramps, blended transitions, or landings provide a flush pedestrian connection to the street. • Sidewalk crossings of residential driveways should not generally be provided with detectable warnings, since the pedestrian right-of-way continues across most driveway aprons and overuse of detectable warning surfaces should be avoided in the interests of message clarity. However, where commercial driveways are provided with traffic control devices or otherwise are permitted to operate like public streets, detectable warnings should be provided at the junction between the pedestrian route and the street. • Perpendicular Curb Ramps: Where both ends of the bottom grade break are 5 feet or less from the back of curb, the detectable warning shall be located on the ramp surface at the bottom grade break. Where either end of the bottom grade break is more than 5 feet from the back of curb, the detectable warning shall be located on the lower landing. • Landings and Blended Transitions: The detectable warning shall be located on the landing or blended transition at the back of curb. • Rail Crossings: The detectable warning surface shall be located so that the edge nearest the rail crossing is 6 feet minimum and 15 feet maximum from the centerline of the nearest rail. The rows of truncated domes in a detectable warning surface shall be aligned to be parallel with the direction of wheelchair travel. • Detectable warnings at cut-through islands shall be located at the curb line in-line with the face of curb and shall be separated by a 2.0 foot minimum length of walkway without detectable warnings. Where the island has no curb, the detectable warning shall be located at the edge of roadway. • Exception, when detectable warnings are required by a manufacturer's installation specifications to be embedded into concrete with a surrounding edge, domes may be installed at less than the required full width. Under this exception, the detectable warning surface shall never be more than 2 inches from the edge of the curb ramp, the landing, or the blended transition. ² • Detectable warnings shall not be stamped into concrete.			

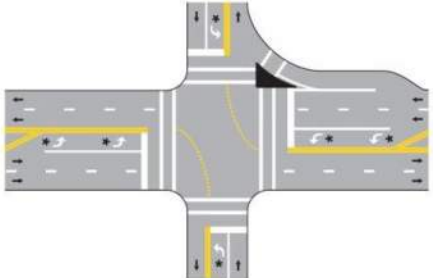
ISLANDS AND MEDIANS (PROWAG R305.4)

Figures/Examples	Requirements ¹	YES	NO	NA
 	- Medians and pedestrian refuge islands in crosswalks shall contain a pedestrian access route, including passing space and connecting to each crosswalk. - Raised islands in crossings shall be cut through level with the street or have curb ramps and required landings at both sides. - All median island passage spaces shall provide a clear width of 5 feet minimum. ² - Medians and pedestrian refuge islands shall be 6.0 feet minimum in length in the direction of pedestrian travel. Roadway Grade Exception: The grade of pedestrian access routes within sidewalks is permitted to equal the general grade established for the adjacent street or highway. The cross slope of curb ramps, blended transitions, landings, and turning spaces at pedestrian street crossings without yield or stop control where vehicles can proceed through the intersection without slowing or stopping, and at midblock pedestrian street crossings are permitted to equal the street or highway grade. - Each curb ramp shall have a level area 48 inches long minimum by 48 inches wide minimum at the top of the curb ramp in the part of the island intersected by the crossings. - The 48 inch minimum by 48 inch minimum areas and the accessible route shall be permitted to overlap. - Detectable warning surfaces shall be provided, where a curb ramp, landing, or blended transition connects to a street. Medians and pedestrian refuge islands shall have detectable warnings at curb ramps and blended transitions. - Detectable warnings at cut-through islands shall be located at the curb line in-line with the face of curb and shall be separated by a 2.0 foot minimum length of walkway without detectable warnings. Where the island has no curb, the detectable warning shall be located at the edge of roadway. - Gratings, access covers, and other appurtenances shall not be located on curb ramps, landings, blended transitions, and gutters within the pedestrian access route. - Grade breaks shall not be permitted on the surface of curb ramps, blended transitions, landings, and gutter areas within the pedestrian access route. Surface slopes that meet at grade breaks shall be flush.			

ACCESSIBLE PEDESTRIAN SIGNALS (PUSHBUTTONS) (PROWAG R306 and EPG 902.6.1 – EPG 902.6.15)

Figures/Examples	Requirements ¹	YES	NO	NA
    	- Each crosswalk with pedestrian signal indication shall have an accessible pedestrian signal which includes audible and vibrotactile indications of the WALK interval at new signalized intersections and shall be considered at existing intersections being altered or are needing maintenance applications. Where a pedestrian pushbutton is provided, it shall be integrated into the accessible pedestrian signal. - Accessible pedestrian signals shall be located so that the vibrotactile feature can be contacted from the level landing serving a curb ramp, if provided, or from a clear floor or ground space that is in line with the crosswalk line adjacent to the vehicle stop line. - Accessible pedestrian pushbuttons shall be located within a reach range complying with EPG 642. - A clear floor or ground space shall be provided at the pushbutton and shall connect to or overlap the pedestrian access route. Roadway Grade Exception: Clear spaces required at accessible pedestrian signals and pedestrian pushbuttons and at other accessible elements are permitted to have a running slope or cross slope consistent with the grade of the adjacent pedestrian access route. - Pedestrian signals shall comply with PROWAG 2005 R306 and EPG 902.6.1 through 902.6.15. - Pushbuttons are a minimum 2 inches across in one dimension, raised (not recessed), contrast visually with the housing or mounting, and have a maximum force of 3.5 pounds to activate operable parts. - The control face of the pushbuttons is installed parallel to the direction of the crosswalk it serves. - The location of pushbuttons for new construction are within a longitudinal distance of 5 feet maximum from the crosswalk line, and 30 inches minimum to 6 feet maximum from the curb line. - For audible pedestrian signal devices only, pushbuttons are a minimum 10 feet apart. - Pushbuttons are located at a height of approximately 42 inches, but no higher than 48 inches from the ground and within 10 inch reach from a level paved clear floor or ground space with minimum dimensions of 48 inches x 30 inches positioned for a parallel approach to the pushbutton. For a forward approach space (30 x 48 inches) the allowed reach range is 0 inches. - Where pushbuttons for the visually impaired are installed, tactile signs are to be provided that meet ADA requirements.			

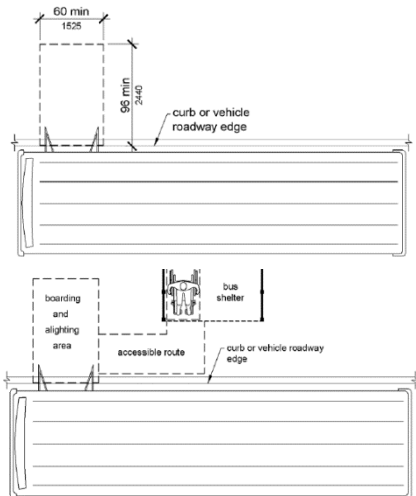
PEDESTRIAN STREET CROSSINGS (PROWAG R305 and EPG 642)

Figures/Examples	Requirements ¹	YES	NO	NA
 	• Crosswalks shall contain a pedestrian access route that connects to departure and arrival walkways through any median or pedestrian refuge island. • Marked crosswalks shall be 6 feet wide minimum. • The grade of the pedestrian access route is permitted to equal the general grade established for the adjacent street or highway, except that where pedestrian access routes are contained within pedestrian street crossings a maximum grade of 5 percent is required. • A 5 percent maximum cross slope is specified for pedestrian access routes contained within pedestrian street crossings without yield or stop control. • Crossings with Stop Control: The cross slope shall be 2 percent maximum. • The cross slope at midblock crossings shall be permitted to be warped to meet street or highway grade. • The running slope shall be 5 percent maximum, measured parallel to the direction of pedestrian travel in the crosswalk. • Accessible pedestrian signals and pedestrian pushbuttons provided at pedestrian crossings with pedestrian signals (See EPG 642 for applicability) shall comply with EPG 902.6.8 through 902.6.15. Operable parts shall comply with EPG 902.6.9 – 902.6.15. • Crosswalk pavement marking is 6 inches wide white. • Stop bar is at minimum 4 feet from the crosswalk. • Curb ramps at marked crossings shall be wholly contained within the markings, excluding any flared sides. • Gratings, access covers, and other appurtenances shall not be located on curb ramps, landings, blended transitions, and gutters within the pedestrian access route. • Grade breaks shall not be permitted on the surface of curb ramps, blended transitions, landings, and gutter areas within the pedestrian access route. Surface slopes that meet at grade breaks shall be flush. • Beyond the curb face, a clear space of 4.0 feet minimum by 4.0 feet minimum shall be provided within the width of the crosswalk and wholly outside the parallel vehicle travel lane.			

ALTERNATE CIRCULATION PATH (PROWAG R302)

Figures/Examples	Requirements ¹	YES	NO	NA
	• Alternate circulation paths shall contain a pedestrian access route. • To the maximum extent feasible, the alternate circulation path shall be provided on the same side of the street as the disrupted route. • Where the alternate circulation path is exposed to adjacent construction, excavation drop-offs, traffic, or other hazards, it shall be protected with a pedestrian barricade or channelizing device complying with MUTCD 6F-58, 6F-63, and 6F-66. • Pedestrian barricades and channelizing devices shall be continuous, stable, and non-flexible and shall consist of a wall, fence, or enclosures specified in section 6F-58, 6F-63, and 6F-66 of the MUTCD (incorporated by reference; see PROWAG 2005 R104.2.4). • A detectable continuous bottom edge shall be provided 2 inches maximum above the ground or walkway surface. • Devices shall provide a continuous surface or upper rail at 3.0 feet minimum above the ground or walkway surface. • Support members shall not protrude into the alternate circulation path.			

BUS BOARDING AND ALIGHTING AREAS (PROWAG R410)

Figures/Examples	Requirements ¹	YES	NO	NA
	• Bus stop boarding and alighting areas shall have a firm, stable surface. • Bus stop boarding and alighting areas shall provide a clear length of 8 feet minimum, measured perpendicular to the curb or vehicle roadway edge, and a clear width of 5 feet minimum, measured parallel to the vehicle roadway. • Bus stop boarding and alighting areas shall be connected to streets, sidewalks, or pedestrian paths by an accessible route. • Parallel to the roadway, the slope of the bus stop boarding and alighting area shall be the same as the roadway, to the maximum extent practicable. Perpendicular to the roadway, the slope of the bus stop boarding and alighting area shall not be steeper than 2 percent. • Bus shelters shall provide a minimum 30 inch by 48 inch clear floor or ground space entirely within the shelter. • Bus shelters shall be connected by an accessible route to a boarding and alighting area.			

¹ Any “NO” answer means that location is ADA non-compliant and needs to be corrected before final acceptance of the work, except as follows. Although exceptions listed in the above requirements may not meet MoDOT current policy standards, work that does meet the minimum ADA standards will be accepted as ADA compliant. Where it is technically infeasible to correct deficiencies as part of the current work, those locations will be labeled as non-compliant and marked “NO”. These items will be added to the Transition Plan Inventory for correction at a later date. (Guidance is provided in ADA documents and in the EPG on what may be considered as technically infeasible.)

² A MoDOT requirement.

Unless otherwise noted, all notes on this form are direct ADA requirements as published in either the PROWAG dated November 23, 2005 or ADA/ABA Standards from 2010.

All exceptions and technically infeasible locations should be discussed with the project manager and/or area engineer prior to acceptance of the work. All exceptions and technically infeasible locations will need to be thoroughly documented by the engineer, and that documentation will be attached to this form and retained as part of the final acceptance records.

All slope and grade measurements for ADA compliance will be made using a calibrated 2 foot long digital level.

US Access Board PROWAG

R202.3.1 Prohibited Reduction in Required Access. An alteration shall not decrease or have the effect of decreasing the accessibility of a facility or an accessible connection to an adjacent building or site below the requirements for new construction in effect at the time of the alteration.

Inspector Name: _____	
Inspector Signature: _____	Date:
Contractor Representative Name: _____	
Contractor Representative Signature: _____	Date:
Resident Engineer or Area Engineer Name: _____	
Resident Engineer or Area Engineer Signature: _____	Date:
Distribution: ☐ Project Office ☐ District Permit Office	

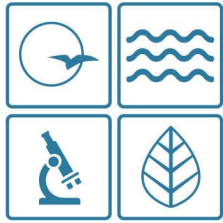
SAMPLE

ADA EXCEPTIONS DOCUMENTATION

Job No. _____ Route _____ County _____ Location _____

<u>Item</u>	<u>Location</u>	<u>Standard</u>	<u>As Built</u>	<u>Discussion</u>
Sidewalk Width	Third Street Sta 3+00 to 7+00 RT	5' wide	Exist 3' wide	Required 5' x 5' Passing Space added at 5+00
Curb Ramp Grade	SE Quad of Main & First	8.33%	11.2%	As-built Curb Ramp is 16.0' long
Parallel Ramp Landing running grade (turning space)	Sta 35+20 to 35+25 Rt Rte 14	2.00%	2.6%	Landing running grade matches existing roadway grade
Sidewalk Grade	Sta 23+45 to 23+52	5.0%	8.4%	Match existing floor at two exist doorways, Straight grade between fixed elevations

Inspector Name: _____ Inspector Signature: _____	Date:
Resident Engineer or Area Engineer Name: _____ Resident Engineer or Area Engineer Signature: _____	Date:
Distribution: ☐ Project Office ☐ District Permit Office	



MISSOURI
DEPARTMENT OF
NATURAL RESOURCES

Michael L. Parson
Governor

Dru Buntin
Director

April 12, 2024

Mike Busch
Oates Associates
720 Olive Street, Suite 700
St. Louis, MO 63101

Re: **SHPO Project Number: 079-SC-24** – Lake Saint Louis Boulevard South Phase 1 Improvements Project, STP-5418(625), Lake St. Louis, St. Charles County, Missouri (FHWA/MoDOT)

Dear Mike Busch:

Thank you for submitting information to the State Historic Preservation Office (SHPO) regarding the above-referenced project for review pursuant to Section 106 of the National Historic Preservation Act, P.L. 89-665, as amended (NHPA), and the Advisory Council on Historic Preservation's regulation 36 CFR Part 800, which require identification and evaluation of historic properties.

We have reviewed the information regarding the above-referenced project and have included our comments on the following page(s). Please retain this documentation as evidence of consultation with the Missouri SHPO under Section 106 of the NHPA. SHPO concurrence does not complete the Section 106 process as federal agencies will need to conduct consultation with all interested parties. **Please be advised that, if the current project area or scope of work changes, such as a borrow area being added, or cultural materials are encountered during construction, appropriate information must be provided to this office for further review and comment.**

If you have questions please contact the SHPO at (573)751-7858 or call/email Jeffrey Alvey, (573) 751-7862, jeffrey.alvey@dnr.mo.gov. If additional information is required please submit the information via email to MOSection106@dnr.mo.gov.

Sincerely,

STATE HISTORIC PRESERVATION OFFICE

Brian Stith
Deputy Director Division of State Parks and
Deputy Missouri State Historic Preservation Officer

c: Rachel Campbell, MoDOT
Michael Meyer, MoDOT
Taylor Peters, FHWA
Terry Rigdon, City of Lake Saint Louis



April 12, 2024

Mike Busch

Page 2 of 2

SHPO Project Number: 079-SC-24 – Lake Saint Louis Boulevard South Phase 1 Improvements Project, STP-5418(625), Lake St. Louis, St. Charles County, Missouri (FHWA/MoDOT)

COMMENTS:

Adequate documentation has been provided as outlined in 36 CFR Section 800.11. After review of the initial submission, the project area has no known historic properties present and a low potential for the occurrence of cultural resources. SHPO concurs with your determination of **no historic properties affected**.



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Missouri Ecological Services Field Office
101 Park Deville Drive
Suite A
Columbia, MO 65203-0057
Phone: (573) 234-2132 Fax: (573) 234-2181



In Reply Refer To:

03/21/2024 16:55:57 UTC

Project code: 2024-0018167

Project Name: FHWA - LPA Fed Trans Project, St. Charles, STP-5418(625), Lake Saint Louis Boulevard Phase One

Subject: Concurrence verification letter for the 'FHWA - LPA Fed Trans Project, St. Charles, STP-5418(625), Lake Saint Louis Boulevard Phase One' project under the amended February 5, 2018, FHWA, FRA, FTA Programmatic Biological Opinion (dated March 23, 2023) for Transportation Projects within the Range of the Indiana Bat and Northern Long-eared Bat (NLEB).

To whom it may concern:

The U.S. Fish and Wildlife Service (Service) has received your request dated March 21, 2024 to verify that the **FHWA - LPA Fed Trans Project, St. Charles, STP-5418(625), Lake Saint Louis Boulevard Phase One** (Proposed Action) may rely on the concurrence provided in the amended February 5, 2018, FHWA, FRA, FTA Programmatic Biological Opinion (dated March 23, 2023) for Transportation Projects within the Range of the Indiana Bat and Northern Long-eared Bat (PBO) to satisfy requirements under Section 7(a)(2) of the Endangered Species Act of 1973 (ESA) (87 Stat.884, as amended; 16 U.S.C. 1531 *et seq.*).

Based on the information you provided (Project Description shown below), you have determined that the Proposed Action is within the scope and adheres to the criteria of the PBO, including the adoption of applicable avoidance and minimization measures. **At least one of the qualification interview questions indicated an activity or portion of your project is consistent with a not likely to adversely affect determination therefore, the overall determination for your project is, may affect, and is not likely to adversely affect (NLAA) the endangered Indiana bat (*Myotis sodalis*) and/or the endangered northern long-eared bat (*Myotis septentrionalis*).** Consultation with the Service pursuant to section 7(a)(2) of ESA (87 Stat. 884, as amended; 16 U.S.C. 1531 *et seq.*) is required.

The Service has 14 calendar days to notify the lead Federal action agency or designated non-federal representative if we determine that the Proposed Action does not meet the criteria for a NLAA determination under the PBO. If we do not notify the lead Federal action agency or

designated non-federal representative within that timeframe, you may proceed with the Proposed Action under the terms of the NLAA concurrence provided in the PBO. This verification period allows Service Field Offices to apply local knowledge to implementation of the PBO, as we may identify a small subset of actions having impacts that were unanticipated. In such instances, Service Field Offices may request additional information that is necessary to verify inclusion of the proposed action under the PBO.

For Proposed Actions that include bridge/culvert or structure removal, replacement, and/or maintenance activities: If your initial bridge/culvert or structure assessment documented signs of bat use or occupancy, or an assessment failed to detect Indiana bats and/or NLEBs, yet are later detected prior to, or during construction, please submit the Post Assessment Discovery of Bats at Bridge/Culvert or Structure Form (User Guide Appendix E) to this Service Office within 2 working days of any potential take. In these instances, potential incidental take of Indiana bats and/or NLEBs is covered under the Incidental Take Statement in the 2018 FHWA, FRA, FTA PBO (provided that the take is reported to the Service).

If the Proposed Action is modified, or new information reveals that it may affect the Indiana bat and/or northern long-eared bat in a manner or to an extent not considered in the PBO, further review to conclude the requirements of ESA Section 7(a)(2) may be required.

For Proposed Actions that include bridge/culvert or structure removal, replacement, and/or maintenance activities:

If your initial bridge/culvert or structure assessments failed to detect Indiana bats and/or NLEB use or occupancy, yet bats are later detected prior to, or during construction, please submit the Post Assessment Discovery of Bats at Bridge/Culvert or Structure Form (User Guide Appendix E) to this Service Office within 2 working days of the incident. In these instances, potential incidental take of Indiana bats and/or NLEBs may be exempted provided that the take is reported to the Service.

If the Proposed Action may affect any other federally-listed or proposed species, and/or any designated critical habitat, additional consultation between the lead Federal action agency and this Service Office is required. If the proposed action has the potential to take bald or golden eagles, additional coordination with the Service under the Bald and Golden Eagle Protection Act may also be required. In either of these circumstances, please contact this Service Office.

The following species may occur in your project area and **are not** covered by this determination:

- Decurrent False Aster *Boltonia decurrens* Threatened
- Gray Bat *Myotis grisescens* Endangered
- Monarch Butterfly *Danaus plexippus* Candidate
- Tricolored Bat *Perimyotis subflavus* Proposed Endangered

PROJECT DESCRIPTION

The following project name and description was collected in IPaC as part of the endangered species review process.

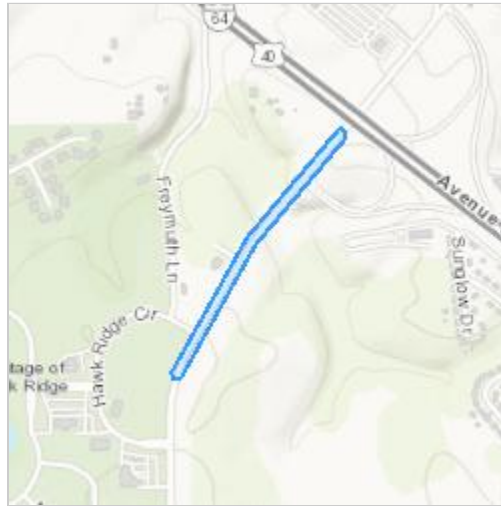
NAME

FHWA - LPA Fed Trans Project, St. Charles, STP-5418(625), Lake Saint Louis Boulevard
Phase One

DESCRIPTION

Pavement reconstruction, new curb and gutter, new sidewalk and curb ramp connections, stormwater facilities, grading, retaining walls.

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@38.77905575,-90.79886163752707,14z>



DETERMINATION KEY RESULT

Based on your answers provided, this project(s) may affect, but is not likely to adversely affect the endangered Indiana bat and/or the endangered northern long-eared bat, therefore, consultation with the U.S. Fish and Wildlife Service pursuant to Section 7(a)(2) of the Endangered Species Act of 1973 (ESA) (87 Stat. 884, as amended 16 U.S.C. 1531 *et seq.*) is required. However, also based on your answers provided, this project may rely on the concurrence provided in the amended February 5, 2018, FHWA, FRA, FTA Programmatic Biological Opinion (dated March 23, 2023) for Transportation Projects within the Range of the Indiana Bat and Northern Long-eared Bat.

QUALIFICATION INTERVIEW

1. Is the project within the range of the Indiana bat^[1]?

[1] See [Indiana bat species profile](#)

Automatically answered

Yes

2. Is the project within the range of the northern long-eared bat^[1]?

[1] See [northern long-eared bat species profile](#)

Automatically answered

Yes

3. Which Federal Agency is the lead for the action?

A) Federal Highway Administration (FHWA)

4. Are *all* project activities limited to non-construction^[1] activities only? (examples of non-construction activities include: bridge/abandoned structure assessments, surveys, planning and technical studies, property inspections, and property sales)

[1] Construction refers to activities involving ground disturbance, percussive noise, and/or lighting.

No

5. Does the project include *any* activities that are **greater than** 300 feet from existing road/rail surfaces^[1]?

[1] Road surface is defined as the actively used [e.g. motorized vehicles] driving surface and shoulders [may be pavement, gravel, etc.] and rail surface is defined as the edge of the actively used rail ballast.

No

6. Does the project include *any* activities **within** 0.5 miles of a known Indiana bat and/or NLEB hibernaculum^[1]?

[1] For the purpose of this consultation, a hibernaculum is a site, most often a cave or mine, where bats hibernate during the winter (see suitable habitat), but could also include bridges and structures if bats are found to be hibernating there during the winter.

No

7. Is the project located **within** a karst area?

No

8. Is there *any* suitable^[1] summer habitat for Indiana Bat or NLEB **within** the project action area^[2]? (includes any trees suitable for maternity, roosting, foraging, or travelling habitat)

[1] See the Service's [summer survey guidance](#) for our current definitions of suitable habitat.

[2] The action area is defined as all areas to be affected directly or indirectly by the Federal action and not merely the immediate area involved in the action (50 CFR Section 402.02). Further clarification is provided by the [User's Guide for the Range-wide Programmatic Consultation for Indiana Bat and Northern Long-eared Bat](#).

Yes

9. Will the project remove *any* suitable summer habitat^[1] and/or remove/trim any existing trees **within** suitable summer habitat?

[1] See the Service's [summer survey guidance](#) for our current definitions of suitable habitat.

Yes

10. Will the project clear more than 20 acres of suitable habitat per 5-mile section of road/rail?

No

11. Have presence/probable absence (P/A) summer surveys^{[1][2]} been conducted^{[3][4]} **within** the suitable habitat located within your project action area?

[1] See the Service's [summer survey guidance](#) for our current definitions of suitable habitat.

[2] Presence/probable absence summer surveys conducted within the fall swarming/spring emergence home range of a documented Indiana bat hibernaculum (contact local Service Field Office for appropriate distance from hibernacula) that result in a negative finding requires additional consultation with the local Service Field Office to determine if clearing of forested habitat is appropriate and/or if seasonal clearing restrictions are needed to avoid and minimize potential adverse effects on fall swarming and spring emerging Indiana bats.

[3] For projects within the range of either the Indiana bat or NLEB in which suitable habitat is present, and no bat surveys have been conducted, the transportation agency will assume presence of the appropriate species. This assumption of presence should be based upon the presence of suitable habitat and the capability of bats to occupy it because of their mobility.

[4] Negative presence/probable absence survey results obtained using the [summer survey guidance](#) are valid for a minimum of two years from the completion of the survey unless new information (e.g., other nearby surveys) suggest otherwise.

No

12. Does the project include activities **within documented Indiana bat habitat**^{[1][2]}?

[1] Documented roosting or foraging habitat – for the purposes of this consultation, we are considering documented habitat as that where Indiana bats and/or NLEB have actually been captured and tracked using (1) radio telemetry to roosts; (2) radio telemetry biangulation/triangulation to estimate foraging areas; or (3) foraging areas with repeated use documented using acoustics. Documented roosting habitat is also considered as suitable summer habitat within 0.25 miles of documented roosts.)

[2] For the purposes of this key, we are considering documented corridors as that where Indiana bats and/or NLEB have actually been captured and tracked to using (1) radio telemetry; or (2) treed corridors located directly between documented roosting and foraging habitat.

No

13. Will the removal or trimming of habitat or trees occur **within** suitable but **undocumented Indiana bat** roosting/foraging habitat or travel corridors?

Yes

14. What time of year will the removal or trimming of habitat or trees **within** suitable but **undocumented Indiana bat** roosting/foraging habitat or travel corridors occur^[1]?

[1] Coordinate with the local Service Field Office for appropriate dates.

B) During the inactive season

15. Does the project include activities **within documented NLEB habitat**^{[1][2]}?

[1] Documented roosting or foraging habitat – for the purposes of this consultation, we are considering documented habitat as that where Indiana bats and/or NLEB have actually been captured and tracked using (1) radio telemetry to roosts; (2) radio telemetry biangulation/triangulation to estimate foraging areas; or (3) foraging areas with repeated use documented using acoustics. Documented roosting habitat is also considered as suitable summer habitat within 0.25 miles of documented roosts.)

[2] For the purposes of this key, we are considering documented corridors as that where Indiana bats and/or NLEB have actually been captured and tracked to using (1) radio telemetry; or (2) treed corridors located directly between documented roosting and foraging habitat.

No

16. Will the removal or trimming of habitat or trees occur **within** suitable but **undocumented NLEB** roosting/foraging habitat or travel corridors?

Yes

17. What time of year will the removal or trimming of habitat or trees **within** suitable but **undocumented NLEB** roosting/foraging habitat or travel corridors occur?

B) During the inactive season

18. Will *any* tree trimming or removal occur **within** 100 feet of existing road/rail surfaces?

Yes

19. Will *any* tree trimming or removal occur **between** 100-300 feet of existing road/rail surfaces?

No

20. Are *all* trees that are being removed clearly demarcated?

Yes

21. Will the removal of habitat or the removal/trimming of trees include installing new or replacing existing **permanent** lighting?

No

22. Does the project include wetland or stream protection activities associated with compensatory wetland mitigation?

No

23. Does the project include slash pile burning?

No

24. Does the project include *any* bridge removal, replacement, and/or maintenance activities (e.g., any bridge repair, retrofit, maintenance, and/or rehabilitation work)?

No

25. Does the project include the removal, replacement, and/or maintenance of *any* structure other than a bridge? (e.g., rest areas, offices, sheds, outbuildings, barns, parking garages, etc.)

No

26. Will the project involve the use of **temporary** lighting *during* the active season?

No

27. Will the project install new or replace existing **permanent** lighting?

No

28. Does the project include percussives or other activities (**not including tree removal/trimming or bridge/structure work**) that will increase noise levels above existing traffic/background levels?

No

29. Are *all* project activities that are **not associated with** habitat removal, tree removal/trimming, bridge and/or structure activities, temporary or permanent lighting, or use of percussives, limited to actions that DO NOT cause any additional stressors to the bat species?

Examples: lining roadways, unlighted signage, rail road crossing signals, signal lighting, and minor road repair such as asphalt fill of potholes, etc.

Yes

30. Will the project raise the road profile **above the tree canopy**?

No

31. Are the project activities that are not associated with habitat removal, tree removal/trimming, bridge and/or structure activities, temporary or permanent lighting, or use of percussives consistent with a No Effect determination in this key?

Automatically answered

Yes, other project activities are limited to actions that DO NOT cause any additional stressors to the bat species as described in the BA/BO

32. Is the habitat removal portion of this project consistent with a Not Likely to Adversely Affect determination in this key?

Automatically answered

Yes, because the tree removal/trimming that occurs outside of the Indiana bat's active season occurs greater than 0.5 miles from the nearest hibernaculum, is less than 100 feet from the existing road/rail surface, includes clear demarcation of the trees that are to be removed, and does not alter documented roosts and/or surrounding summer habitat within 0.25 miles of a documented roost.

33. Is the habitat removal portion of this project consistent with a Not Likely to Adversely Affect determination in this key?

Automatically answered

Yes, because the tree removal/trimming that occurs outside of the NLEB's active season occurs greater than 0.5 miles from the nearest hibernaculum, is less than 100 feet from the existing road/rail surface, includes clear demarcation of the trees that are to be removed, and does not alter documented roosts and/or surrounding summer habitat within 0.25 miles of a documented roost.

34. **General AMM 1**

Will the project ensure *all* operators, employees, and contractors working in areas of known or presumed bat habitat are aware of *all* FHWA/FRA/FTA (Transportation Agencies) environmental commitments, including all applicable Avoidance and Minimization Measures?

Yes

35. **Tree Removal AMM 1**

Can *all* phases/aspects of the project (e.g., temporary work areas, alignments) be modified, to the extent practicable, to avoid tree removal^[1] in excess of what is required to implement the project safely?

Note: Tree Removal AMM 1 is a minimization measure, the full implementation of which may not always be practicable. Projects may still be NLAA as long as Tree Removal AMMs 2, 3, and 4 are implemented and LAA as long as Tree Removal AMMs 3, 5, 6, and 7 are implemented.

[1] The word "trees" as used in the AMMs refers to trees that are suitable habitat for each species within their range. See the USFWS' current summer survey guidance for our latest definitions of suitable habitat.

Yes

36. Tree Removal AMM 3

Can tree removal be limited to that specified in project plans and ensure that contractors understand clearing limits and how they are marked in the field (e.g., install bright colored flagging/fencing prior to any tree clearing to ensure contractors stay within clearing limits)?

Yes

37. Tree Removal AMM 4

Can the project avoid cutting down/removal of *all* (1) **documented**^[1] Indiana bat or NLEB roosts^[2] (that are still suitable for roosting), (2) trees **within** 0.25 miles of roosts, and (3) documented foraging habitat any time of year?

[1] The word documented means habitat where bats have actually been captured and/or tracked.

[2] Documented roosting or foraging habitat – for the purposes of this consultation, we are considering documented habitat as that where Indiana bats and/or NLEB have actually been captured and tracked using (1) radio telemetry to roosts; (2) radio telemetry triangulation/triangulation to estimate foraging areas; or (3) foraging areas with repeated use documented using acoustics. Documented roosting habitat is also considered as suitable summer habitat within 0.25 miles of documented roosts.)

Yes

PROJECT QUESTIONNAIRE

1. Have you made a No Effect determination for *all* other species indicated on the FWS IPaC generated species list?

Yes

2. Have you made a May Affect determination for *any* other species on the FWS IPaC generated species list?

No

3. How many acres^[1] of trees are proposed for removal between 0-100 feet of the existing road/rail surface?

[1] If described as number of trees, multiply by 0.09 to convert to acreage and enter that number.

1.6

AVOIDANCE AND MINIMIZATION MEASURES (AMMS)

This determination key result includes the commitment to implement the following Avoidance and Minimization Measures (AMMs):

TREE REMOVAL AMM 1

Modify all phases/aspects of the project (e.g., temporary work areas, alignments) to avoid tree removal.

TREE REMOVAL AMM 2

Apply time of year restrictions for tree removal when bats are not likely to be present, or limit tree removal to 10 or fewer trees per project at any time of year within 100 feet of existing road/

rail surface and **outside of documented** roosting/foraging habitat or travel corridors; visual emergence survey must be conducted with no bats observed.

TREE REMOVAL AMM 3

Ensure tree removal is limited to that specified in project plans and ensure that contractors understand clearing limits and how they are marked in the field (e.g., install bright colored flagging/fencing prior to any tree clearing to ensure contractors stay within clearing limits).

TREE REMOVAL AMM 4

Do not remove **documented** Indiana bat or NLEB roosts that are still suitable for roosting, or trees within 0.25 miles of roosts, or **documented** foraging habitat any time of year.

GENERAL AMM 1

Ensure all operators, employees, and contractors working in areas of known or presumed bat habitat are aware of all FHWA/FRA/FTA (Transportation Agencies) environmental commitments, including all applicable AMMs.

DETERMINATION KEY DESCRIPTION: FHWA, FRA, FTA PROGRAMMATIC CONSULTATION FOR TRANSPORTATION PROJECTS AFFECTING NLEB OR INDIANA BAT

This key was last updated in IPaC on October 30, 2023. Keys are subject to periodic revision.

This decision key is intended for projects/activities funded or authorized by the Federal Highway Administration (FHWA), Federal Railroad Administration (FRA), and/or Federal Transit Administration (FTA), which may require consultation with the U.S. Fish and Wildlife Service (Service) under Section 7 of the Endangered Species Act (ESA) for the endangered **Indiana bat** (*Myotis sodalis*) and the endangered **northern long-eared bat** (NLEB) (*Myotis septentrionalis*).

This decision key should only be used to verify project applicability with the Service's [amended February 5, 2018, FHWA, FRA, FTA Programmatic Biological Opinion \(dated March 23, 2023\) for Transportation Projects](#). The programmatic biological opinion covers limited transportation activities that may affect either bat species, and addresses situations that are both likely and not likely to adversely affect either bat species. This decision key will assist in identifying the effect of a specific project/activity and applicability of the programmatic consultation. The programmatic biological opinion is not intended to cover all types of transportation actions. Activities outside the scope of the programmatic biological opinion, or that may affect ESA-listed species other than the Indiana bat or NLEB, or any designated critical habitat, may require additional ESA Section 7 consultation.

IPAC USER CONTACT INFORMATION

Agency: Missouri Department of Transportation

Name: Mark Sowers

Address: 601 W Main St.

City: Jefferson City

State: MO

Zip: 65101

Email mark.sowers@modot.mo.gov

Phone: 9134857822

LEAD AGENCY CONTACT INFORMATION

Lead Agency: Federal Highway Administration

DESIGN DESIGNATION
LAKE ST. LOUIS BLVD

CLASSIFICATION = MINOR ARTERIAL
ADT (2021) = 9,200
ADT (2050) = 23,000
POSTED SPEED = 35 MPH
DESIGN SPEED = 40 MPH
TERRAIN = FLAT

UTILITY COMPANIES

BRIGHTSPEED
(TELEPHONE)
215 W OHIO STREET
CHICAGO, IL 60654
(312) 248-6733

CHARTER COMMUNICATIONS
(CABLE TV)
815 CHARTER COMMONS DRIVE
TOWN & COUNTRY, MO 63017
(636) 299-2515

CUIVRE RIVER ELECTRIC COOPERATIVE
(ELECTRIC)
1112 E CHERRY STREET
TROY, MO 63379
(800) 392-3709

CITY OF LAKE SAINT LOUIS
(SEWER)
200 CIVIC CENTER DRIVE
LAKE SAINT LOUIS, MO 63367
(636) 625-1200

GATEWAY FIBER
(FIBER OPTIC)
501 FOUNTAIN LAKES BOULEVARD
SUITE 105
ST. CHARLES, MO 63301
(888) 201-4339

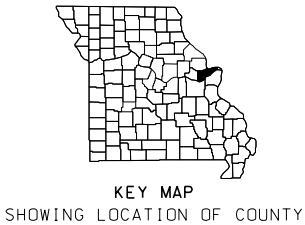
SPIRE MISSOURI EAST
(GAS)
6400 GRAHAM ROAD
BERKELEY, MO 63134
(314) 330-5720

ST. CHARLES COUNTY PWS #2
(SEWER AND WATER)
100 WATER DRIVE
O'FALLON, MO 63368
(636) 561-3737

CONVENTIONAL SYMBOLS

	EXISTING	NEW
BUILDINGS AND STRUCTURES		
GUARD RAIL		
GUARD CABLE		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		
UTILITIES		
FIBER OPTICS	-FO-	-F0-
OVERHEAD CABLE TV	-OTV-	-0TV-
UNDERGROUND CABLE TV	-UTV-	-0TV-
OVERHEAD TELEPHONE	-OT-	-0T-
UNDERGROUND TELEPHONE	-UT-	-0T-
OVERHEAD POWER	-OE-	-0E-
UNDERGROUND POWER	-UE-	-0E-
SANITARY SEWER	-S-	-0S-
STORM SEWER	-SS-	-0S-
GAS	-G-	-0G-
WATER	-W-	-0W-
MANHOLE		
FIRE HYDRANT		
WATER VALVE		
WATER METER		
DROP INLET		
DITCH BLOCK		
GROUND MOUNTED SIGN		
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL		
FENCE		
CHAIN LINK		
WOVEN WIRE		
GATE POST		
BENCHMARK		

NOTE: DASHED OR OPEN SYMBOLS INDICATE
EXISTING FEATURES

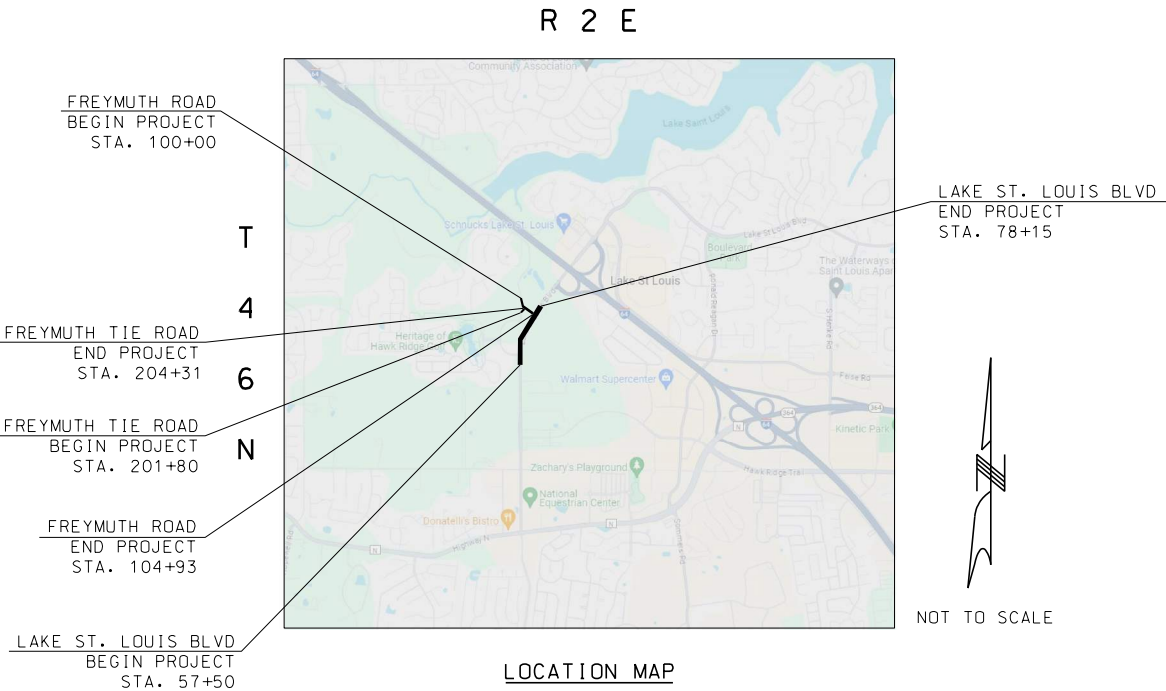


CITY OF LAKE ST. LOUIS
MISSOURI
CONSTRUCTION PLANS

FEDERAL PROJECT NUMBER STP-5418(625)

LAKE ST. LOUIS BOULEVARD WIDENING AND RESURFACING

PHASE 1
ST. CHARLES COUNTY



MISSOURI ONE CALL SYSTEM
1-800-DIG-RITE (344-7483)
OR 811

THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE. RELIANCE UPON THIS INFORMATION IS DONE AT THE RISK AND PERIL OF THE USER, AND THE COMMISSION SHALL NOT BE LIABLE FOR ANY DAMAGES THAT MAY ARISE FROM ANY ERROR IN THE INFORMATION. IT IS, THEREFORE, THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE, LOCATION AND STATUS OF ANY FACILITY. SUCH VERIFICATION INCLUDES DIRECT CONTACT WITH THE LISTED UTILITIES.

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DESIGN STANDARDS

CITY OF LAKE SAINT LOUIS ENGINEERING AND
PLAN PREPARATION MANUAL FOR PUBLIC
FACILITIES

2026 MISSOURI STANDARD SPECIFICATIONS
BOOK FOR HIGHWAY CONSTRUCTION

A POLICY ON GEOMETRIC DESIGN OF HIGHWAYS
AND STREETS AASHTO 2018 EDITION

LENGTH OF PROJECT

LAKE ST. LOUIS BOULEVARD	
BEGINNING OF PROJECT	STA. 57+50
END PROJECT	STA. 78+15
GROSS LENGTH	2,065 FEET
FREYMUTH ROAD	
BEGINNING OF PROJECT	STA. 100+00
END PROJECT	STA. 104+93
GROSS LENGTH	493 FEET
FREYMUTH TIE ROAD	
BEGINNING OF PROJECT	STA. 201+80
END PROJECT	STA. 204+31
GROSS LENGTH	251 FEET

EQUATIONS AND EXCEPTIONS:

TOTAL CORRECTIONS:	0.00 FEET
NET LENGTH OF PROJECT:	2,809 FEET
STATE LENGTH:	0.53 MILES

APPROVED BY:
CITY OF LAKE SAINT LOUIS, MISSOURI

TERRY RIGDON
DIRECTOR OF PUBLIC WORKS

DATE



THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

Michael D. Busch

DATE PREPARED
5/28/2026

DISTRICT STATE
SL MO

SHEET NO.
1

COUNTY
ST. CHARLES

ROUTE
LSL BLVD

DA JOB NO.
223034

PROJECT NO.
STP-5418(625)

BRIDGE NO.
N/A

DESCRIPTION

DATE

ST. LOUIS
720 Office, Suite 700
St. Louis, MO 63101
Tel. 314.986.8881
OATES
A.S.S.O. CLATES
MISSOURI DESIGN FIRM
LICENSE NO. 001166

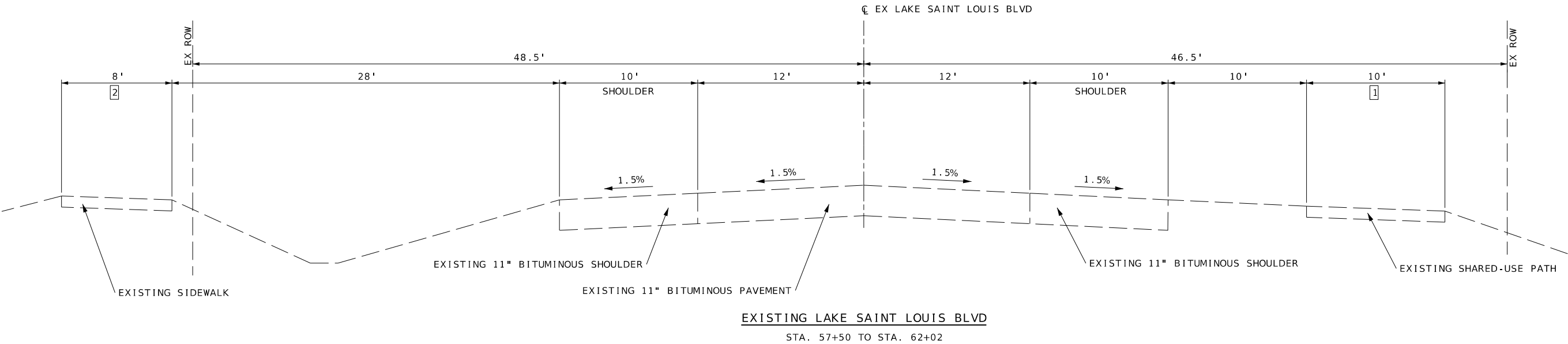
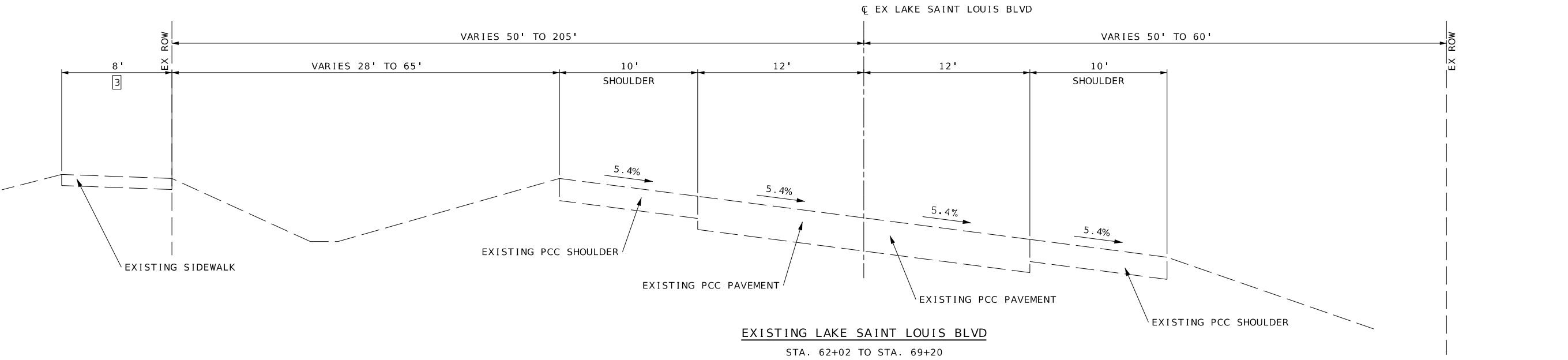
JEFFREY R. RENSING
PROFESSIONAL ENGINEER
LICENSE NO. 2006072376

CITY OF LAKE ST. LOUIS
PUBLIC WORKS DEPARTMENT
307 PARKWAY INDUSTRIAL DRIVE
LAKE ST. LOUIS, MO 63367
TEL 636.695.4221

TITLE SHEET
SHEET 1 OF 1

EXISTING TYPICAL SECTION NOTES

- 1
- EXISTING SHARED-USE PATH ENDS AT 61+74
- 2
- EXISTING SIDEWALK BEGINS AT STA. 60+94
- 3
- EXISTING SIDEWALK ENDS AT STA. 66+23
- 4
- EXISTING SIDEWALK BEGINS AT STA. 73+00
- 5
- EXISTING SIDEWALK ENDS AT STA. 75+36



DATE PREPARED
03-Aug-26

DISTRICT
SL

STATE
MO

SHEET NO.
2

COUNTY
ST. CHARLES

ROUTE
LSL BLVD

OA JOB NO.
223034

PROJECT NO.
STP-5418(625)

BRIDGE NO.
N/A

DATE	DESCRIPTION

ST. LOUIS
720 Office, Suite 700
St. Louis, MO 63101
314.988.8881

O A T E S
ASSOCIATES

MISSOURI DESIGN FIRM
LICENSE NO. 001166

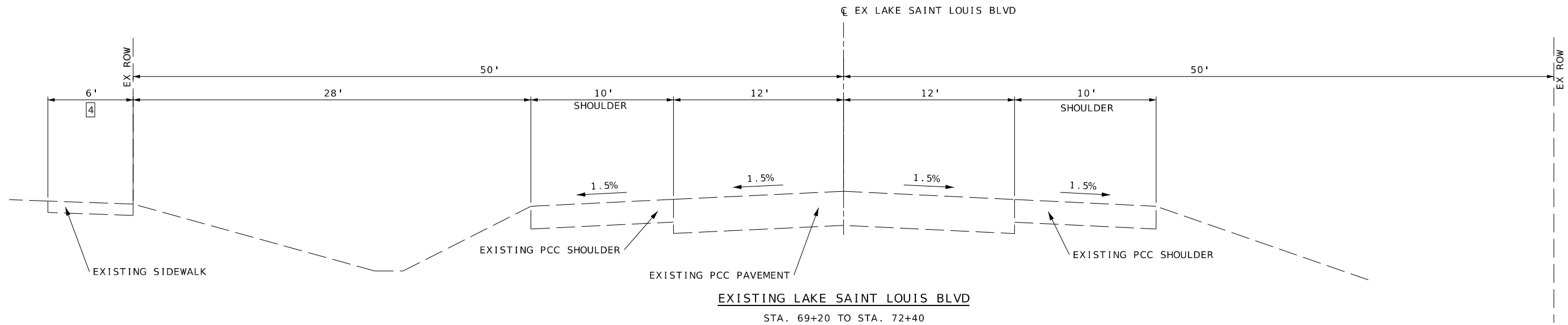
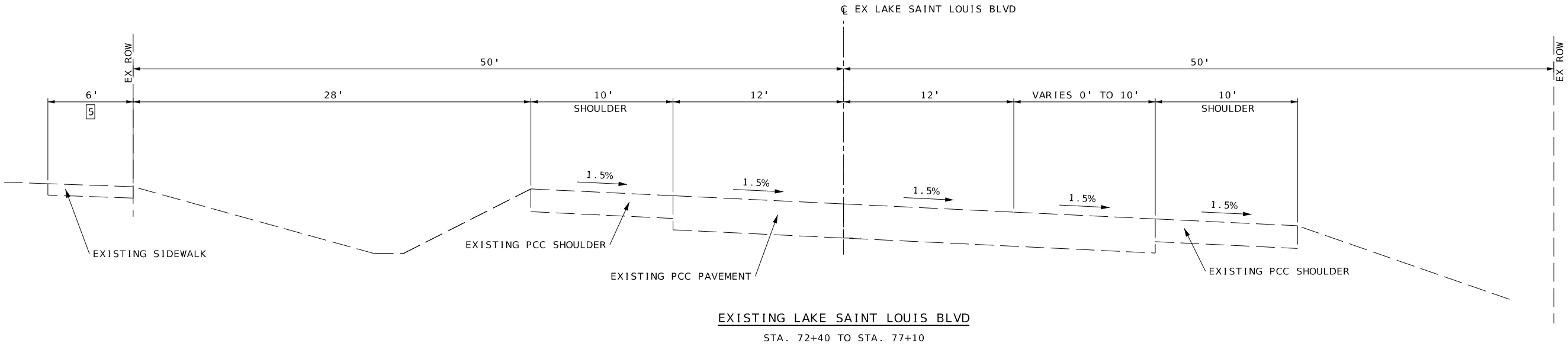
JEFFREY R. LENSING
PROFESSIONAL ENGINEER
LICENSE NO. 2006072376

CITY OF LAKE ST. LOUIS
PUBLIC WORKS DEPARTMENT
307 PARKWAY INDUSTRIAL DRIVE
LAKE ST. LOUIS, MO 63367
TEL 636.695.4221

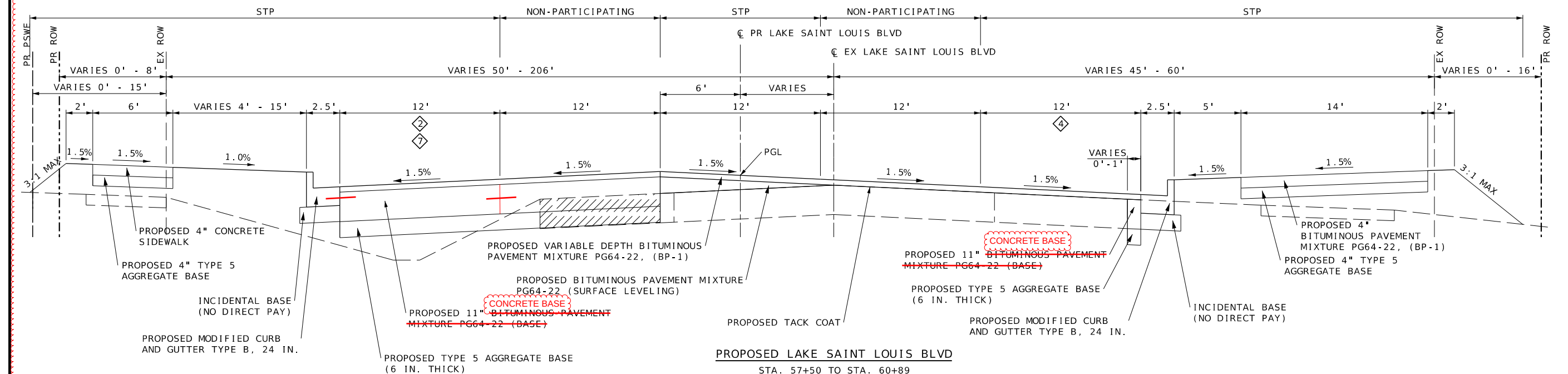
TYPICAL SECTION SHEETS
SHEET 1 OF 7

EXISTING TYPICAL SECTION NOTES

- 1 EXISTING SHARED-USE PATH ENDS AT 61+74
2 EXISTING SIDEWALK BEGINS AT STA. 60+94
3 EXISTING SIDEWALK ENDS AT STA. 66+23
4 EXISTING SIDEWALK BEGINS AT STA. 73+00
5 EXISTING SIDEWALK ENDS AT STA. 75+36



DATE PREPARED 03-Aug-26	
DISTRICT SL	STATE MO
SHEET NO. 3	
COUNTY ST. CHARLES	
ROUTE LSL BLVD	
JOB NO. 223034	
PROJECT NO. STP-5418(625)	
BRIDGE NO. N/A	
DESCRIPTION	
DATE	
ST. LOUIS 720 Office, Suite 700 St. Louis, MO 63101 314.986.8881 OATES ASSOCIATES MISSOURI DESIGN FIRM LICENSE NO. 001166 JEFFREY R. RENSING PROFESSIONAL ENGINEER LICENSE NO. 2006072376	
CITY OF LAKE ST. LOUIS PUBLIC WORKS DEPARTMENT 307 PARKWAY INDUSTRIAL DRIVE LAKE ST. LOUIS, MO 63367 TEL 636.695.4221	
TYPICAL SECTION SHEETS SHEET 2 OF 7	



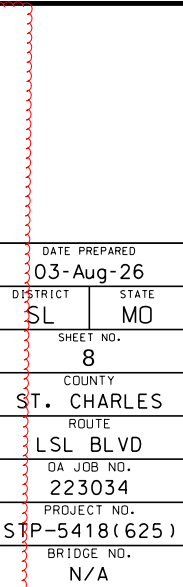
SUPERELEVATION TABLE				
STATION	DESCRIPTION	LEFT LANE (SB)	DESCRIPTION	RIGHT LANE (NB)
57+50.	NORMAL CROWN	-1.50%	NORMAL CROWN	-1.50%
60+89.07	NORMAL CROWN IN	-1.50%		
61+20.1	LEVEL CROWN IN	0.00%		
61+51.13	REVERSE CROWN IN	1.50%	NORMAL CROWN IN	-1.50%
61+90.44	FULL SUPER IN	3.40%	FULL SUPER IN	-3.40%
67+66.71	FULL SUPER OUT	3.40%	FULL SUPER OUT	-3.40%
68+06.02	REVERSE CROWN OUT	1.50%	NORMAL CROWN OUT	-1.50%
68+37.05	LEVEL CROWN OUT	0.00%		
68+68.08	NORMAL CROWN OUT	-1.50%		
71+90.44	NORMAL CROWN IN	-1.50%		
72+21.47	LEVEL CROWN IN	0.00%		
72+52.5	FULL SUPER IN	1.50%	FULL SUPER IN	-1.50%
78+15.	END POINT	1.50%	END POINT	-1.50%

1 LEFT SHOULDER ENDS AT STA. 100+79
RIGHT SHOULDER ENDS AT STA. 101+15

[illegible]

CITY OF LAKE ST. LOUIS
PUBLIC WORKS DEPARTMENT
107 PARKWAY INDUSTRIAL DRIVE
LAKE ST. LOUIS, MO 63367
TEL 636.695.4221

TYPICAL SECTION SHEETS
SHEET 6 OF 7

[illegible]

OATES
ASSOCIATES

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720 Olive, Suite 700
St. Louis, MO 63101
tel 314.588.8381

MISSOURI DESIGN FIRM
LICENSE NO. 001166

JEFFREY R. RENSING
PROFESSIONAL ENGINEER
LICENSE NO. 2006012376

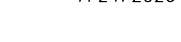


CITY OF LAKE ST. LOUIS
PUBLIC WORKS DEPARTMENT
307 PARKWAY INDUSTRIAL DRIVE
LAKE ST. LOUIS, MO 63367
TEL 636.695.4221

TYPICAL SECTION SHEETS
SHEET 7 OF 7

USP	CODE NO.	ITEM	UNIT	TOTAL QUANTITIES	STP	NON- PARTICIPATING
*	2022010	REMOVAL OF IMPROVEMENTS	LS	1.0	0.8	0.2
	2035000	UNCLASSIFIED EXCAVATION	CUYD	8,300	4,870	3,430
	2035500	EMBANKMENT IN PLACE	CUYD	685	0	685
	2036000	COMPACTING EMBANKMENT	CUYD	6,910	4,914	1,996
	3040504	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	SQYD	4,944	3,969	975
	3040506	TYPE 5 AGGREGATE FOR BASE (6 IN. THICK)	SQYD	14,999	3,339	11,660
	4010151	TYPE A3 SHOULDER	SQYD	241.5	0.0	241.5
	4011209	BITUMINOUS PAVEMENT MIXTURE PG64-22, (BP-1)	TONS	2,457.4	941.2	1,516.2
	5024007	CONCRETE BASE (7 IN. NON-REINF)	SQ YD	2,726.1	0	2,726.1
	4013000	BITUMINOUS PAVEMENT MIXTURE PG64-22 (BASE)	TONS	7,150.1	920.2	6,229.9
	5029905	CONCRETE BASE (11 IN. NON-REINF)	SQ YD	10,308.6	1,560.0	8,748.6
*	4019905	PAVEMENT TRANSITION	SQYD	611.4	370.0	241.4
	4020520	BITUMINOUS PAVEMENT MIXTURE PG64-22 (SURFACE LEVELING)	TONS	900.9	900.9	0.0
	4071005	TACK COAT	GAL	1,895 2,262	233	1,662 2,029
	4081010	PRIME-LIQUID ASPHALT RC 70 OR MC 30	GAL	762 6,012	0	762 6,012
	6061060	MGS GUARDRAIL	LF	286	0	286
	6061074	MGS HEIGHT AND BLOCK TRANSITION	EA	2	0	2
	6061080	MGS END ANCHOR	EA	1	0	1
	6063014	TYPE A CRASHWORTHY END TERMINAL (MASH)	EA	1	0	1
	6083006	6 IN. CONCRETE MEDIAN STRIP	SQYD	1,054.8	653.1	401.7

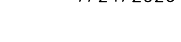
QTY	CODE NO.	ITEM	UNIT	TOTAL QUANTITIES	STP	NON-PARTICIPATING
	6085007	PAVED APPROACH, 7 IN.	SQYD	545.1	249.0	296.1
*	6089902	ADA CURB RAMP	EA	23.0	23.0	0.0
	6086004	CONCRETE SIDEWALK, 4 IN.	SQYD	1,115	1,010	105
*	6099903 {1}	MODIFIED CURB AND GUTTER TYPE B, 6 IN.	FT	625	185	440
*	6099903 {2}	MODIFIED CURB AND GUTTER TYPE B, 12 IN.	FT	1,830	1,830	0
*	6099903 {3}	MODIFIED CURB AND GUTTER TYPE B, 24 IN.	FT	4,801	3,952	849
*	6099903 {4}	MODIFIED CURB AND GUTTER TYPE B, MOUNTABLE CURB, 4 IN.	FT	103	103	0
	6122040	WORK ZONE CRASH CUSHION (NARROW)	EA	4	4	0
*	6139905	PAVEMENT PATCHING	SQYD	512.0	0.0	512.0
*	6149902 {1}	CURB INLET	EA	23	13	10
*	6149902 {2}	DOUBLE CURB INLET	EA	9	1	8
	6161005	CONSTRUCTION SIGNS	SQFT	344	0	344
	6161030	TYPE 3 MOVEABLE BARRICADE	EA	7	0	7
	6161099	CHANGEABLE MESSAGE SIGN WITH COMMUNICATION INTERFACE, CONTRACTOR FURNISHED	EA	2	0	2
	6173600D	TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED / RETAINED	LF	2,560	0	2,560
	6175010A	RELOCATING TEMPORARY TRAFFIC BARRIER	LF	2,371	0	2,371
	6181000	MOBILIZATION	LS	1	1	0
	6200003	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 4 IN., WHITE	LF	310	310	0



QUANTITIES SHEETS
SHEET 1 OF 10

SUMMARY OF QUANTITIES						
USP	CODE NO.	ITEM	UNIT	TOTAL QUANTITIES	STP	NON-PARTICIPATING
	6200009	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 6 IN. WHITE	LF	982	0	982
	6200015	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. WHITE	LF	350	90	260
	6200018	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. YELLOW	LF	993	0	993.00
	6200021	PREFORMED THERMOPLASTIC PAVEMENT MARKING, LEFT/RIGHT ARROW	EA	23	18	5
	6205301B	TEMPORARY REMOVABLE MARKING TAPE 4 IN., WHITE	LF	7,912	0	7,912
	6205303B	TEMPORARY REMOVABLE MARKING TAPE 4 IN., YELLOW	LF	8,372	0	8,372
	6206000D	4 IN. WHITE CLASS 1 PAVEMENT MARKING PAINT (18-MIL, TYPE P BEADS)	LF	4,202	0	4,202
	6206001D	4 IN. YELLOW CLASS 1 PAVEMENT MARKING PAINT (18-MIL, TYPE P BEADS)	LF	7,298	0	7,298
	6207001	PAVEMENT MARKING REMOVAL	LF	17,631	0	17,631
	6274000	CONTRACTOR FURNISHED SURVEYING AND STAKING	LS	1	1	0
	7261018	18 IN. PIPE GROUP A	LF	1,572	22	1,550
	7261024	24 IN. PIPE GROUP A	LF	880	58	822
	7261030	30 IN. PIPE GROUP A	LF	448	448	0
	7261036	36 IN. PIPE GROUP A	LF	257	257	0
	7320618A	18 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION	EA	2	0	2
	7320636A	36 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION	EA	1	1	0
	8051000A	SEEDING - COOL SEASON GRASSES	ACRE	3.00	2.25	0.75
	8061004	SEDIMENT TRAP ROCK	CUYD	1.6	1.2	0.4

SUMMARY OF QUANTITIES						
QTY	CODE NO.	ITEM	UNIT	TOTAL QUANTITIES	STP	NON-PARTICIPATING
	8061007A	CURB INLET CHECK	EA	30	12	18
	8061019	SILT FENCE	LF	2,708	2,383	325
*	8069902	GUTTER CHECK	EA	4	4	0
	9020213	SIGNAL HEAD, TYPE 3S	EA	6	0	6
	9020513	SIGNAL HEAD, TYPE 3B	EA	16	0	16
	9020514	SIGNAL HEAD, TYPE 4B	EA	6	0	6
	9020811	SIGNAL HEAD, TYPE 1S, PEDESTRIAN	EA	12	0	12
	9020833	SH-FLAT SHEET - SIGNAL SIGN	SQFT	155	0	155
	9020834	SIGNAL SIGN, MOUNTING HARDWARE	EA	26	0	26
*	9022651	LUMINAIRE LED-A, 120 VOLT COMPATIBLE	EA	8	0	8
	9022708	POST, SIGNAL 8 FT.	EA	6	0	6
	9023135	POST, TYPE CL, 35 FT. ARM OR 10.7 M ARM	EA	1	0	1
	9023140	POST, TYPE CL, 40 FT. ARM OR 12.2 M ARM	EA	1	0	1
	9023145	POST, TYPE CL, 45 FT. ARM OR 13.7 M ARM	EA	4	0	4
	9023155	POST, TYPE CL, 55 FT. ARM	EA	2	0	2
	9024283	CONTROLLER ASSEMBLY HOUSING, NEMA TS2 CONTROLLER	EA	2	0	2
	9024975	VIDEO DETECTION SYSTEM	EA	2	0	2
	9025200	CONDUIT, 2 IN., TRENCH WITH TRACER WIRE	LF	58	0	58



QUANTITIES SHEETS
SHEET 2 OF 10

SUMMARY OF QUANTITIES

J&B	CODE NO.	ITEM	UNIT	TOTAL QUANTITIES	STP	NON-PARTICIPATING
	9025300	CONDUIT, 3 IN., TRENCH WITH TRACER WIRE	LF	256	0	256
	9027300	CONDUIT, 3 IN., PUSHED WITH TRACER WIRE	LF	635	0	635
	9028100	CABLE, 10 AWG 1 CONDUCTOR, POLE AND BRACKET	LF	600	0	600
	9028208	CABLE, 8 AWG 1 CONDUCTOR, POWER	LF	160	0	160
	9028302	CABLE, 12 AWG 2 CONDUCTOR	LF	1,410	0	1,410
	9028310	CABLE, 16 AWG 5 CONDUCTOR	LF	2,140	0	2,140
	9028311	CABLE, 16 AWG 7 CONDUCTOR	LF	6,210	0	6,210
	9028621	POWER SUPPLY ASSEMBLY, TYPE-2 WITH 120V LIGHTING CONTROL CABINET	EA	2	0	2
	9028811	PULL BOX, PREFORMED CLASS 2	EA	6	0	6
	9028812	PULL BOX, PREFORMED CLASS 3	EA	2	0	2
	9028816	PULL BOX, PREFORMED CLASS 5	EA	2	0	2
	9029100	BASE, CONCRETE	CUYD	32.5	0.0	32.5
*	9029902 {1}	NETWORK CONNECTED SIGNAL MONITOR	EA	2	0	2
*	9029902 {2}	APS SYSTEM (INTERSECTION)	EA	2	0	2
*	9029902 {3}	DRILL EXISTING PULLBOX	EA	1	0	1
	9031241	BREAKAWAY ASSEMBLY (PERFORATED SQUARE STEEL TUBE)	EA	13	13	0
	9031270A	2 IN. PSST POST - 12 GA.	LF	182	182	0
	9031271A	DRIVEN POST ANCHOR FOR 2 IN. PSST - 12 GA.	EA	13	11	2

SUMMARY OF QUANTITIES

[illegible]

DATE PREPARED	
7/24/2026	
DISTRICT	STATE
SL	MO
SHEET NO.	
11	
COUNTY	
ST. CHARLES	
ROUTE	
LSL BLVD	
OA JOB NO.	
223034	
PROJECT NO.	
STP-5418 (625)	
BRIDGE NO.	
N/A	

[illegible]

ST. LOUIS
720 Olive, Suite 700
St. Louis, MO 63101
tel 314.986.8381

ATES ASSOCIATES

MISSOURI DESIGN FIRM
LICENSE NO. 001166

JEFFREY R. RENSING
PROFESSIONAL ENGINEER
LICENSE NO. 2006012376



CITY OF LAKE ST. LOUIS
PUBLIC WORKS DEPARTMENT
LOT PARKWAY INDUSTRIAL DRIVE
LAKE ST. LOUIS, MO 63367
TEL 636-695-4221

QUANTITIES SHEETS
SHEET 3 OF 10

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

STATION		STATION		UNCLA	FILL	EARTH EXCAVATION	EARTHWORK BALANCE	EMBANKMENT	COMPA
		(CU YD)			(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
		STP	NP					NP	STP
LAKE SAINT LOUIS BOULEVARD									
57+50	78+15	4,870	670	6,745	4,155	-2590	685	4,914	1,831
FREYMUTH RD									
100+00	104+20		1,560	155	1,170	1015			155
FREYMUTH TIE RD									
201+80	204+31		1,200	10	900	890			10
SUB-TOTAL		4,870	3,430	6,910	6,225	-685	685	4,914	1,996
TOTAL		8,300		6,910	6,225	-685	685	6,910	

1. ESTIMATED SHRINKAGE FACTOR = 25%.
2. ROCK EXCAVATION EXPECTED FROM APPROX. STA. 68+02 TO STA. 73+18.

MOBILIZATION	CONTRACTOR FURNISHED SURVEYING AND STAKING
(L SUM)	(L SUM)
1	1

STATION	STATION	OFFSET	SEDIMENT TRAP ROCK	CURB INLET CHECK		SILT FENCE	GUTTER CHECK
			(CU YD)	(EA)		(LF)	(EA)
			STP	STP	NP	STP	STP
LAKE SAINT LOUIS BOULEVARD							
56+37	61+72	RT				539	
57+54		LT/RT		1	1		
59+56		LT/RT		1	1		
59+93		LT					1
60+44		LT					1
60+54	62+87	LT				282	
61+00		LT/RT		1	1		
62+93	64+07	LT				121	
63+00		RT		1			
64+37	68+26	LT				470	
64+50		LT/RT		1	1		
66+00		RT		1			
67+00		RT		1			
68+20		LT/RT			2		
68+93		LT		1			
68+33		LT		1			
69+23		LT			1		
70+00		LT/RT		1	1		
71+00		RT			1		
71+83		LT			1		
71+83		RT			1		
73+02	74+81	LT				185	
73+46		RT		1			
74+08		RT		1			
74+50		RT			1		
74+85		LT					1
75+23		LT					1
75+50		RT			1		
76+70		RT	1.2		1		
74+23	78+15	RT				426	
75+39	78+66	LT				360	
FREYMUTH ROAD							
99+99		LT	0.4				
101+65	104+58	LT				325	
104+46		LT			1		
104+46		RT			1		
FREYMUTH TIE ROAD							
204+12		RT			1		
204+12		LT			1		
SUB-TOTAL			1.6	12	18	2,708	4
TOTAL			1.6	30		2,708	4

STATION	STATION	OFFSET	SEEDING - COOL SEASON GRASSES	
			(ACRE)	
			STP	NP
LAKE SAINT LOUIS BOULEVARD				
55+68	78+15	RT	1.25	0.00
55+52	78+15	LT	1.00	0.00
FREYMUTH ROAD				
100+00	104+60	LT	0.00	0.25
100+00	104+60	RT	0.00	0.25
FREYMUTH TIE ROAD				
201+80	204+31	LT/RT	0.00	0.25
SUB-TOTAL			2.25	0.75
TOTAL			3.00	

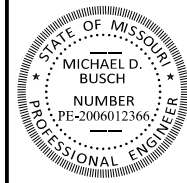
STATION	STATION	OFFSET	MGS GUARDRAIL (LF)	MGS HEIGHT AND BLOCK TRANSITION (EA)	MGS END ANCHOR (EA)	TYPE A CRASHWORTHY END TERMINAL (MASH) (EA)
LAKE SAINT LOUIS BOULEVARD						
75+03		RT				1
75+03	77+32	RT	177			
76+57		LT			1	
77+32		RT		1		
76+57	78+14	LT	109			
78+15		LT		1		
TOTAL			286	2	1	1
*STP QUALIFIED						

STATION	STATION	OFFSET	REMOVAL OF IMPROVEMENTS								
			SHOULDER	SIDEWALK	SHARED-USE PATH	PAVEMENT	GUARDRAIL	CULVERT	ROCK BLANKET	SIGNS AND POSTS	SAWCUT
			(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)	(LF)	(LF)	(SQ FT)	(EA)	(LF)
(L SUM)											
LAKE SAINT LOUIS BOULEVARD - STP - 80%											
56+17	56+74	LT							326		
56+39	61+74	RT			5,804						
56+83	57+39	LT						56			
57+48	59+49	LT							1,355		
57+50		LT/RT									41
57+50	59+71	LT	1,712								
57+96		RT								1	
59+58	60+81	LT						123			
59+63		LT								1	
59+71		LT								1	
59+73		RT								1	
59+76		RT								1	
59+85		LT								1	
60+44	64+07	LT		3,382							
60+64	78+15	LT	18,019								
61+33	78+15	RT	16,894								
62+30		LT								1	
62+76		RT								1	
62+82	71+87	LT/RT				9,029					
63+75	63+88	LT							75		
63+79		RT								1	
63+92	64+50	LT						59			
64+37	66+40	LT		1,785							
64+54	64+67	LT							93		
67+51		RT								1	
68+18		LT								1	
68+23	69+08	LT						84			
68+27		LT								1	
69+92		LT								1	
72+36		RT								1	
72+55		RT								1	
73+00		LT								1	
73+04	74+83	LT		1,196							
73+21		LT								1	
74+49		LT								1	
74+59	75+38	LT						80			
74+73		LT								1	
75+24	75+40	LT		147							
75+67	77+32	RT					164				
75+75		RT								1	
77+19	78+14	LT					95				
78+15		LT/RT									69
FREYMUTH ROAD - NP - 18%											
100+00	102+06	LT							2,171		
100+00	102+44	LT/RT				10,321					
100+00		LT/RT									27
100+51	101+55	LT/RT						121			
FREYMUTH TIE ROAD - NP - 2%											
201+80		LT/RT									32
SUB-TOTAL			36,625	6,510	5,804	19,350	259	523	4,020	20	169
TOTAL - STP			0.8								
TOTAL -NP			0.2								
TOTAL			1.0								



PAVEMENT MARKING

STATION	STATION	OFFSET	PREFORMED	PREFORMED	PREFORMED		PREFORMED	PREFORMED		4 IN. WHITE CLASS 1	4 IN. YELLOW CLASS 1	PAVEMENT MARKING REMOVAL	NOTES
			THERMOPLASTIC PAVEMENT MARKING, 4 IN., WHITE	THERMOPLASTIC PAVEMENT MARKING, 6 IN. WHITE	THERMOPLASTIC PAVEMENT MARKING, 24 IN. WHITE	THERMOPLASTIC PAVEMENT MARKING, 24 IN. YELLOW	THERMOPLASTIC PAVEMENT MARKING, LEFT/RIGHT ARROW	PAVEMENT MARKING PAINT (18-MIL, TYPE P BEADS)	PAVEMENT MARKING PAINT (18-MIL, TYPE P BEADS)				
			(LF)	(LF)	(LF)	(LF)	(EA)	(LF)	(LF)	(LF)			
			STP	NP	STP	NP	NP	STP	NP	STP	STP	STP	
LAKE SAINT LOUIS BOULEVARD													
55+25	58+70	RT								346			LANE LINE
56+10	59+86	LT								385			LANE LINE
56+25	58+70	LT									492		DBL CL
56+25	59+60	LT									670		DBL CL
56+83	58+07	LT					30						GORE LINE
57+50	58+52	RT					69						GORE LINE
57+50	59+50	LT					218						GORE LINE
57+50	59+60	RT								53			SKIP DASH 10' - 30'
58+70	59+60	RT								180			TWO LANE LINES
58+79		CL							1				LT ARROW
58+78		RT							1				RT ARROW
59+38		CL						1					LT ARROW
59+39		RT						1					RT ARROW
59+60	59+60	LT/RT				48							STOP BAR
59+79	60+57	RT		156									CROSSWALK
59+89	60+14	LT		50									CROSSWALK
59+92	60+14	LT			22								STOP BAR
59+98		LT						1					RT ARROW
60+03	60+03	LT								22			LANE LINE
60+09		LT						1					LT ARROW
60+28	60+55	LT											CROSSWALK
60+72	60+78	LT/RT		54									CROSSWALK
60+82	60+82	LT/RT		154		48							STOP BAR
60+82	62+24	LT								142			LANE LINE
60+82	62+65	LT					126						GORE LINE
60+82	62+87	RT									408		DBL CL
60+82	62+91	LT								424			TWO LANE LINES
60+82	71+85	RT								275			SKIP DASH 10' - 30'
61+00		LT						1					RT ARROW
61+00		CL						1					LT ARROW
61+90		CL						1					LT ARROW
62+56		LT						1					RT ARROW
62+91	63+88	LT	50										SKIP DASH 2' -4'
62+91	71+85	LT								226			SKIP DASH 10' - 30'
68+16	68+41	LT		50									CROSSWALK
68+29	68+49	LT			17	2							STOP BAR
68+32	70+82	RT									502		DBL CL
68+47		LT						1					RT ARROW
68+73	70+48	RT					77						GORE LINE
68+81	69+00	LT		40									CROSSWALK
69+82	70+82	RT	50										SKIP DASH 2' -4'
70+82	71+85	RT								103			LANE LINE
70+93		RT						1					LT ARROW
71+70		RT						1					LT ARROW
71+85	71+85	RT				36							STOP BAR
71+89	71+97	LT/RT		146									CROSSWALK
72+11	73+16	RT		208									CROSSWALK
73+16	73+16	LT/RT				59							STOP BAR
73+16	74+17	RT								101			LANE LINE
73+16	74+32	LT								117			LANE LINE
73+16	75+17	LT								201			LANE LINE
73+16	75+51	LT								59			SKIP DASH 10' - 30'
73+16	80+42	RT								179			SKIP DASH 10' - 30'
73+16	82+33	LT									1,821		DBL CL
73+41		CL/RT						2					LT ARROW
73+41		LT							1				RT ARROW
73+95		LT/RT						2					LT ARROW
73+97		LT						1					RT ARROW
74+17	75+15	RT	50										SKIP DASH 2' -4'
74+17	82+33	LT									1,662		DBL CL
74+59	82+01	LT					473						GORE LINE
74+32	75+51	LT	60										SKIP DASH 2' -4'
75+17	76+17	LT	50										SKIP DASH 2' -4'
75+51	76+50	LT	50										SKIP DASH 2' -4'
74+82	74+95	LT				14							STOP BAR
74+89		LT							1				RT ARROW
76+50	82+29	LT								579			EDGE LINE
78+12	81+43	RT								330			LANE LINE
78+15	80+76	RT										261	SKIP-DASH (10'-30')
78+15	82+27	CL										412	TWLT
78+15	82+34	LT										433	TWLT
79+48	80+39	RT										91	SKIP-DASH (10'-30')
80+42	82+27	RT								370			TWO LANE LINES
80+76	82+27	RT										150	SOLID WHITE
80+97		RT							1				RT ARROW
82+27	82+27	RT				23							STOP BAR
STAGE 1												6,542	TEMP PVT MK
STAGE 2												9,742	TEMP PVT MK
SUB-TOTAL			310	858	39	230	993	16	5	4,092	5,555	17,631	



Walter D. Bunt

DATE PREPARED
7/24/2026

DISTRICT	STATE
SL	MO

SHEET NO.
13

COUNTY
ST. CHARLES

ROUTE
LSL BLVD

OA JOB NO.
223034

PROJECT NO.
STP-5418(625)

BRIDGE NO.
N/A

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Suite 700
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LOUIS
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Louis, MO
314.588.

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720 St. Louis
tel (314) 435-1100



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LAKE COUNTRY WORKS
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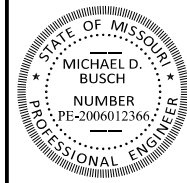
7/24/202

NEW LOG

PAVEMENT MARKING (CONT.)

STATION	STATION	OFFSET	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 4 IN., WHITE	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 6 IN. WHITE	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. WHITE		PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. YELLOW	PREFORMED THERMOPLASTIC PAVEMENT MARKING, LEFT/RIGHT ARROW (EA)		4 IN. WHITE CLASS 1 PAVEMENT MARKING PAINT (18-MIL, TYPE P BEADS)	4 IN. YELLOW CLASS 1 PAVEMENT MARKING PAINT (18-MIL, TYPE P BEADS)	PAVEMENT MARKING REMOVAL	NOTES
			(LF)	(LF)	(LF)	(LF)	(LF)	(LF)	(LF)	(LF)	(LF)		
			STP	NP	STP	NP	NP	STP	NP	STP	STP	STP	
FREYMUTH ROAD													
100+00	104+65	LT									930		DBL CL
102+89	104+65	LT									351		DBL CL
101+16	101+48	LT				27							STOP BAR
103+27	104+65	RT								110			LANE LINE
103+52		CL						1					LEFT ARROW
104+40		CL						1					LEFT ARROW
104+69	104+77	LT/RT		124									CROSSWALK
104+65	104+65	LT/RT			26	3							STOP BAR
FREYMUTH TIE ROAD													
201+80	204+20	CL									462		DBL CL
204+20	204+20	RT			25								STOP BAR
SUB-TOTAL			0	124	51	30	0	2	0	110	1,743	0	
SUB-TOTAL			310	982	90	260	993	18	5				
TOTAL			310	982	350		993	23		4,202	7,298	17,631	

PAVEMENT

[illegible]

Michael J. Bunn

DATE PREPARED
7/24/2026

DISTRICT	STATE
SL	MO

SHEET NO.
14

COUNTY
ST. CHARLES

ROUTE
LSL BLVD

OA JOB NO.
223034

PROJECT NO.
STP-5418(625)

BRIDGE NO.
N/A[illegible]

DATA SERVICES ASSOCIATES
ST. LOUIS
720 Olive, Suite 700
St. Louis, MO 63101
tel 314.588.8381

MISSOURI DESIGN FIRM
LICENSE NO. 001166

JEFFREY R. RENSING
PROFESSIONAL ENGINEER
LICENSE NO. 2006012376



QUANTITIES SHEETS
SHEET 6 OF 10

DRAINAGE STRUCTURES

STATION	OFFSET	STATION	OFFSET	CURB INLET		DOUBLE CURB INLET		18 IN. PIPE GROUP A		24 IN. PIPE GROUP A		30 IN. PIPE GROUP A		36 IN. PIPE GROUP A		18 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END	36 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION
				(EA)		(EA)		(FT)		(FT)		(FT)		(FT)		(FT)	(FT)
				STP	NP	STP	NP	STP	NP	STP	NP	STP		STP		NP	STP
LAKE SAINT LOUIS BOULEVARD																	
56+35	LT															1	
56+35	LT	57+54	LT						120								
57+54	LT/RT			1	1												
57+54	LT	57+54	RT						81								
57+54	RT	59+56	RT						202								
59+56	LT/RT			1	1												
59+56	LT	59+56	RT						81								
59+56	RT	61+00	RT						145								
61+00	LT/RT			1	1												
61+00	LT	61+00	RT						81								
61+00	RT	63+00	RT							58	138						
63+00	RT			1													
63+00	RT	64+50	RT									145					
64+50	LT/RT			1	1												
64+50	LT	64+50	RT						36								
64+50	RT	66+00	RT									145					
66+00	RT			1													
66+00	RT	67+00	RT									97					
67+00	RT			1													
67+00	RT	68+20	RT									117					
68+20	LT/RT			1	1												
68+20	LT	68+20	RT					22	14								
68+20	RT	70+00	RT									180					
68+93	LT						1										
68+35	LT	68+93	LT						57								
68+33	LT			1													
68+93	LT	69+23	LT						53								
69+23	LT			1													
69+23	LT	70+00	LT						77								
70+00	LT/RT			1	1												
70+00	LT	70+00	RT						81								
70+00	RT	71+00	RT									100					
71+00	RT				1												
71+00	RT	71+83	RT									83					
71+83	LT			1													
71+83	RT						1										
71+83	LT	71+83	LT						81								
71+83	RT	73+47	RT									163					
72+29	RT						1										
72+29	RT	73+02	RT						72								
73+02	RT						1										
73+02	RT	73+47	RT						67								
73+46	RT						1										
73+47	RT	74+08	RT									61					
74+08	RT						1										
74+08	RT	74+50	RT									41					
74+50	RT			1													
74+50	RT	75+50	RT											99			
75+50	RT				1												
75+50	RT	76+70	RT											119			
76+70	RT				1												1
76+70	RT	76+70	RT											39			
FREYMUTH ROAD																	
100+00	LT															1	
100+06	LT	101+32	RT						139								
104+46	LT	104+46	RT						47								
104+46	LT				1												
104+46	RT						1										
104+46	RT	104+88	RT						72								
FREYMUTH TIE ROAD																	
204+12	RT						1										
204+12	LT						1										
204+12	RT	204+12	LT						44								
SUB-TOTAL				13	10	1	8	22	1,550	58	822	448	257	2		1	
TOTAL				23		9		1,572		880		448	257	2		1	

SIGNS

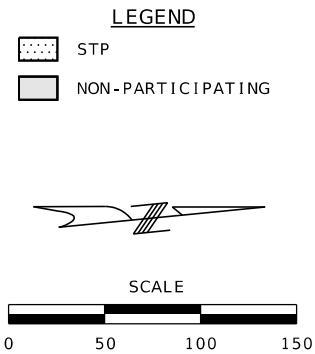
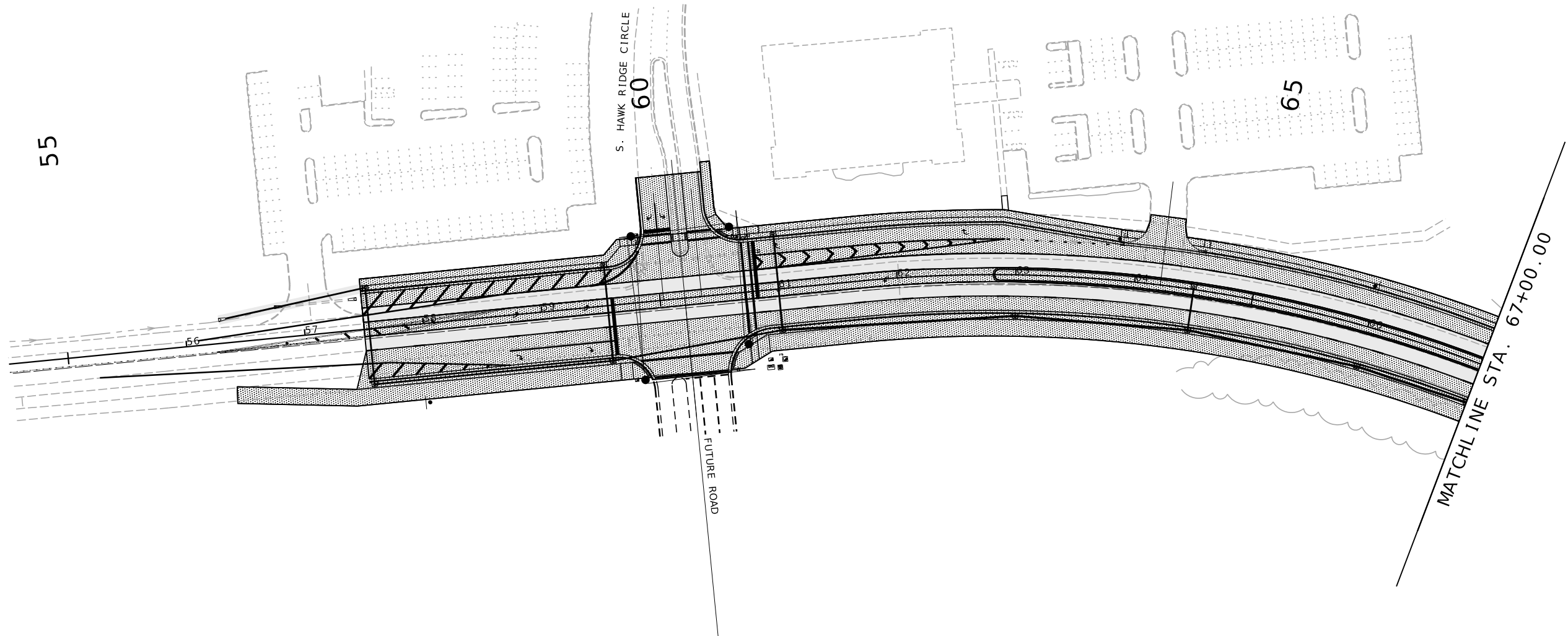
STATION	OFFSET	W	H	CODE	BREAKAWAY ASSEMBLY (PERFORATED SQUARE STEEL TUBE)	2 IN. PSST POST - 12 GA.	DRIVEN POST ANCHOR	SH-FLAT SHEET	SHF-FLAT SHEET FLUORESCENT
		(IN)	(IN)		(EA)				(SQ FT)
		LAKE SAINT LOUIS BOULEVARD							
57+96	RT	12	18	R9-7	1	12	1	2	
63+88	LT	30	30	R3-7R	1	13	1	6	
66+00	LT	30	30	W4-2R	1	13	1		6
67+50	RT	24	30	R2-1	1	15	1	5	
		24	24	R2-2P				4	
68+21	LT	36	36	R1-1	1	15	1	9	
		36	10	D3-1				3	
		60	10	D3-1				4	
68+37	LT	24	30	R3-5R	1	13	1	5	
71+73	RT	21	15	M2-1P	1	17	1	2	
		24	24	M1-1				4	
		24	24	M1-4				4	
		24	24	M1-4				4	
71+78	LT	24	30	R2-1	1	15	1	5	
		24	24	R2-2P				4	
73+11	LT	30	10	D3-1	1	11	1	2	
74+77	LT	36	36	R1-1	1	17	1	9	
		36	10	D3-1				3	
		60	10	D3-1				4	
		30	30	R3-2				6	
75+75	RT	24	12	M3-2	1	17	1	2	
		24	24	M1-1				4	
		21	15	M5-1R				2	
		24	12	M3-2				2	
		24	24	M1-4				4	
		21	15	M5-1R				2	
		24	12	M3-3				2	
		24	24	M1-4				4	
		21	15	M5-1R			2		
FREYMUTH ROAD									
101+13	LT	36	36	R1-1	1	11	1	9	
FREYMUTH TIE ROAD									
204+17	RT	36	36	R1-1	1	13	1	9	
TOTAL					13	182	13	127	6

*STP QUALIFIED

CURB & GUTTER

STATION	STATION	OFFSET	MODIFIED CURB AND GUTTER TYPE B, 6 IN.		MODIFIED CURB AND GUTTER TYPE B, 12 IN.		MODIFIED CURB AND GUTTER TYPE B, 24 IN.		MODIFIED CURB AND GUTTER TYPE B,	
			(LF)		(LF)		(LF)		(LF)	
			TOTAL		TOTAL		TOTAL		TOTAL	
			STP	NP	STP		STP	NP	STP	
LAKE SAINT LOUIS BOULEVARD										
57+50	59+87	RT					248			
57+50	59+89	LT					299			
60+44	68+39	LT					952			
60+54	72+31	RT					1,207			
62+82	71+91	LT/RT			1,830					
68+32	68+86	LT					241			
68+91	72+31	LT					352			
73+16	74+83	LT	185							
73+00	78+15	RT					542			
74+86	75+13	LT							103	
75+23	76+08	LT					111			
FREYMUTH ROAD										
100+79	101+14	LT		75						
101+61	104+81	LT		365						
101+89	104+90	RT						324		
FREYMUTH TIE ROAD										
201+80	204+31	LT						275		
201+80	204+31	RT						250		
SUB-TOTAL			185	440	1,830		3,952	849	103	
TOTAL			625		1,830		4,801		103	

EFFECTIVE: 07-01-2024																	
									ITEM		TOTAL		DESCRIPTION				
SIGN	SIZE	AREA	QTY	TOTAL	QTY	TOTAL	SIGN	DESCRIPTION	NUMBER	QTY	DESCRIPTION						
WARNING SIGNS									GUIDE SIGNS								
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)	E05-1	36X48	12.00			GORE EXIT	6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)	E05-2	48X36	12.00			EXIT OPEN	6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)	E05-2a	48X36	12.00			EXIT CLOSED	6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)	GO20-1	60X24	10.00			ROAD WORK NEXT XX MILES	6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)	GO20-2	48X24	8.00			END ROAD WORK	6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)	GO20-4	36X18	4.50			PILOT CAR FOLLOW ME	6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
WO1-4L	48X48	16.00	1	16.00				REVERSE CURVE (SYMBOL LEFT)	GO20-4a	42X30	8.75			PILOT CAR IN USE WAIT & FOLLOW	6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
WO1-4R	48X48	16.00	1	16.00				REVERSE CURVE (SYMBOL RIGHT)	GO20-4a	18X12	1.50			PILOT CAR IN USE WAIT & FOLLOW	6122020		REPLACEMENT SAND BARREL
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)	GO20-5aP	36X24	6.00	2	12.00	WORK ZONE (PLAQUE)	6122030		IMPACT ATTENUATOR (RELOCATION)
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-8a	24X18	3.00	2	6.00	END DETOUR	6123001		TRUCK MOUNTED ATTENUATOR (TMA)
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)	MO4-9L	48X36	12.00	2	24.00	DETOUR (LEFT)	6161008		ADVANCED WARNING RAIL SYSTEM
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-9R	48X36	12.00	2	24.00	DETOUR (RIGHT)	6161012		BUOYS (BOATS KEEP OUT)
WO1-6	60X30	12.50	4	50.00				HORIZONTAL ARROW (SYMBOL)	MO4-9P	48X12	4.00	19	76.00	STREET NAME (PLAQUE)	6161013		BUOYS (NO WAKE)
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)	MO4-10L	48X18	6.00			DETOUR ARROW (LEFT)	6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	MO4-10R	48X18	6.00			DETOUR ARROW (RIGHT)	6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)	REGULATORY SIGNS					6161025		CHANNELIZER (TRIM LINE)	
WO1-8	18X24	3.00						CHEVRON (SYMBOL)	R1-1	48X48	13.25			STOP	6161030	7	TYPE III MOVEABLE BARRICADE
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	R1-2	48TRI.	6.93			YIELD	6161033		DIRECTION INDICATOR BARRICADE
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)	R1-2a	36X36	9.00			TO ONCOMING TRAFFIC (PLAQUE)	6161040		FLASHING ARROW PANEL
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)	R1-3P	30X12	2.50			ALL WAY (PLAQUE)	6161047		TYPE III OBJECT MARKER
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)	R2-1	36X48	12.00	2	24.00	SPEED LIMIT XX	6161055		SEQUENTIAL FLASHING WARNING LIGHT
WO3-4	48X48	16.00						BE PREPARED TO STOP	R3-1	48X48	16.00			NO RIGHT TURN (SYMBOL)	6161070		TUBULAR MARKER
WO3-5	48X48	16.00						SPEED LIMIT AHEAD	R3-2	48X48	16.00			NO LEFT TURN (SYMBOL)	6161095		RADAR SPEED ADVISORY SYSTEM
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)	R3-3	36X36	9.00			NO TURNS	6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)	R3-4	48X48	16.00			NO U-TURN (SYMBOL)		CHANGEABLE MESSAGE SIGN WITHOUT COMM. INTERFACE- CONTRACTOR FURNISHED/RETAINED	
WO4-1aL	48X48	16.00						MERGE (LEFT)	R3-7L	30X30	6.25			LEFT LANE MUST TURN LEFT	6161098A	2	CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE- CONTRACTOR FURNISHED/RETAINED
WO4-1aR	48X48	16.00						MERGE (RIGHT)	R3-7R	30X30	6.25			RIGHT LANE MUST TURN RIGHT			6161099
WO5-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS	R4-1	36X48	12.00			DO NOT PASS	6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM
WO5-3	48X48	16.00						ONE LANE BRIDGE	R4-2	36X48	12.00			PASS WITH CARE	6162002		TEMPORARY LONG-TERM RUMBLE STRIPS
WO5-5	48X48	16.00						NARROW LANES	R4-7a	36X48	12.00			KEEP RIGHT (HORIZONTAL ARROW)	6173600D	2,560	TEMPORARY TRAFFIC BARRIER
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)	R4-8a	36X48	12.00			KEEP LEFT (HORIZONTAL ARROW)			CONTRACTOR FURNISHED/RETAINED
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)	R5-1	30X30	6.25			DO NOT ENTER	6173602B		TEMPORARY TRAFFIC BARRIER
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)	R5-1a	36X24	6.00			WRONG WAY		CONTRACTOR FURNISHED/COMMISSION RETAINED	
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)	R6-1L	54X18	6.75			ONE WAY ARROW (LEFT)	6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION
WO8-1	48X48	16.00						BUMP	R6-1R	54X18	6.75			ONE WAY ARROW (RIGHT)	6175010A	2,371	RELOCATING TEMPORARY TRAFFIC BARRIER
WO8-2	48X48	16.00						DIP	R6-2L	24X30	5.00			ONE WAY (LEFT)	6176000B		TEMPORARY TRAFFIC BARRIER
WO8-3	48X48	16.00						PAVEMENT ENDS	R6-2R	24X30	5.00			ONE WAY (RIGHT)		COMMISSION FURNISHED/RETAINED	
WO8-4	48X48	16.00						SOFT SHOULDER	R9-9	24X12	2.00			SIDEWALK CLOSED	6177000B		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)	SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE					6208064A			COMMISSION FURNISHED/RETAINED
WO8-6	48X48	16.00						TRUCK CROSSING	R9-11L	24X18	3.00			(ARROW LEFT) CROSS HERE	9029400		TEMPORARY RAISED PAVEMENT MARKER
WO8-6c	48X48	16.00						TRUCK ENTRANCE	R9-11R	24X18	3.00			(ARROW RIGHT) CROSS HERE		TEMPORARY TRAFFIC SIGNALS	
WO8-7	36X36	9.00						LOOSE GRAVEL	R10-6	24X36	6.00			STOP HERE ON RED (45° ARROW)	9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL	R11-2	48X30	10.00	2	20.00	ROAD CLOSED			
WO8-9	48X48	16.00						LOW SHOULDER	R11-3a	60X30	12.50			ROAD CLOSED XX MILES AHEAD	6122040	4	WORK ZONE CRASH CUSHION (NARROW)
WO8-11	48X48	16.00						UNEVEN LANES	R11-4	60X30	12.50			LOCAL TRAFFIC ONLY	6205301B	7,912	TEMPORARY REMOVABLE MARKING TAPE 4 IN., WHI
WO8-12	48X48	16.00						NO CENTER LINE	CONST-3A	60X48	20.00			ROAD CLOSED TO THRU TRAFFIC	6205303B	8,372	TEMPORARY REMOVABLE MARKING TAPE 4 IN., YE
WO8-15	48X48	16.00						GROOVED PAVEMENT	CONST-3X	56X12	4.67			FINE SIGN			
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)	MISCELLANEOUS SIGNS								
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)	CONST-5	48X36	12.00			POINT OF PRESENCE			
WO8-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)	CONST-5	96X48	32.00			POINT OF PRESENCE			
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)	CONST-8	48X36	12.00			WORK ZONE NO PHONE ZONE			
W10-1	42RND.	9.62						RAILROAD CROSSING									
WO12-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)									
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)									
WO12-2x	24X18	3.00						LOW CLEARANCE (PLAQUE)	M6-3P	24X18	3.00	4	12.00	STRAIGHT DIRECTIONAL ARROW			
WO12-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)									
WO12-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD									
WO12-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD									
WO13-1	30X30	6.25						ADVISORY SPEED (PLAQUE)									
WO16-2	30X24	5.00						XXX FEET (PLAQUE)									
WO16-3	30X24	5.00						X MILE (PLAQUE)									
WO20-1	48X48	16.00	2	32.00				ROAD/BRIDGE/RAMP WORK AHEAD									
WO20-2	48X48	16.00	2	32.00				DETOUR AHEAD									
WO20-3	48X48	16.00						ROAD CLOSED AHEAD	616-10.05 TOTAL								
WO20-4	48X48	16.00						ONE LANE ROAD AHEAD	CONSTRUCTION SIGNS				344.00				
WO20-5	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED AHEAD	616-10.10 TOTAL								
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD	RELOCATED SIGNS				0				
WO20-6a	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED									
WO20-7a	48X48	16.00						FLAGGER (SYMBOL)									
WO21-2	36X36	9.00						FRESH OIL									
WO21-5	48X48	16.00						SHOULDER WORK / SHOULDER WORK AHEAD									
WO22-1	48X48	16.00						BLASTING ZONE AHEAD		</							



DATE PREPARED 03-Aug-26	
DISTRICT SL	STATE MO
SHEET NO. 16B	
COUNTY ST. CHARLES	
ROUTE LSL BLVD	
OA JOB NO. 223034	
PROJECT NO. STP-5418(625)	
BRIDGE NO.	

DATE	DESCRIPTION

ST. LOUIS
720 Olive, Suite 700
St. Louis, MO 63101
314.988.8381

OATES
ASSOCIATES

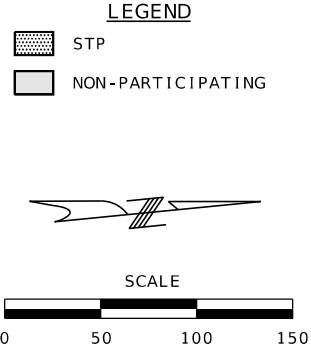
MISSOURI DESIGN FIRM
LICENSE NO. 001166

MISSOURI LAND SURVEY CORP
LICENSE NO. 000275

City of Lake Saint Louis
PUBLIC WORKS DEPARTMENT
307 PARKWAY INDUSTRIAL DRIVE
LAKE SAINT LOUIS, MO 63367
TEL 636.695.4221

QUANTITIES SHEETS
SHEET 9 OF 10

REV.

[illegible]

CITY OF LAKE SAINT LOUIS
PUBLIC WORKS DEPARTMENT
307 PARKWAY INDUSTRIAL DRIVE
LAKE SAINT LOUIS, MO 63367
TEL 636.695.4221

QUANTITIES SHEETS
SHEET 10 OF 10



Walter D. Busch

DISTRICT STATE

SHEET NO.

ST CHARLES

ROUTE
151 BLVD

DA JOB NO.
223074

PROJECT NO.
ED 5418605

BRIDGE NO. 1111

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Journal of Management Education 36(7) 809–824

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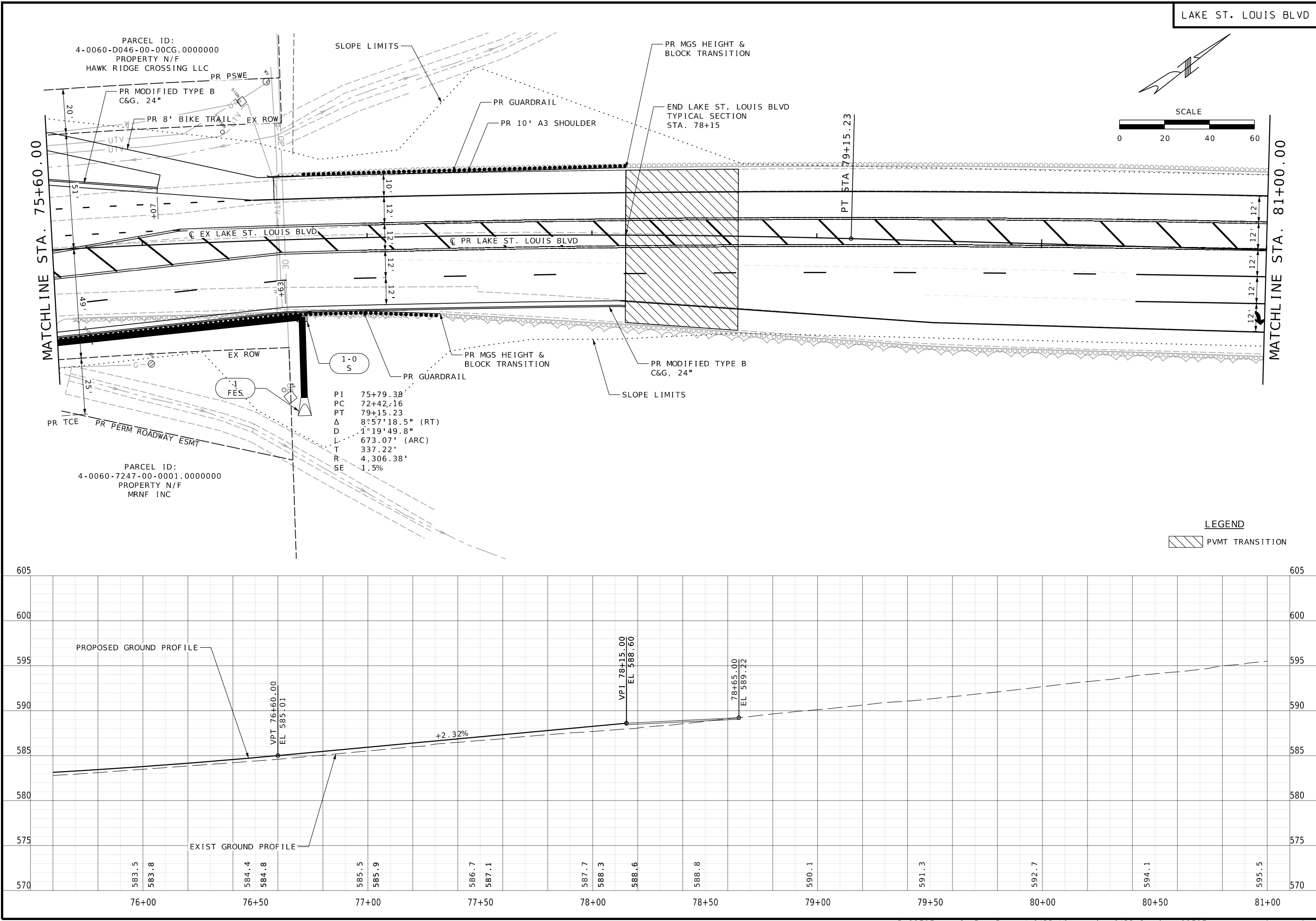
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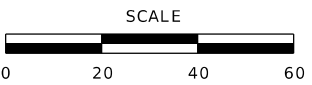
Journal of Management Education 36(8)

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LAKE ST. LOUIS BLVD



LEGEND
PVMT TRANSITION

STATE OF MISSOURI

MICHAEL D. BUSCH

NUMBER

PE-2006012366

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN

SIGNED, SEALED AND DATED

ELECTRONICALLY.

Michael D. Busch

DATE PREPARED

6/1/2026

DISTRICT

SL

STATE

MO

SHEET NO.

21

COUNTY

ST. CHARLES

ROUTE

LSL BLVD

OA JOB NO.

223034

PROJECT NO.

STP-5418 (625)

BRIDGE NO.

N/A

DATE	DESCRIPTION

ST. LOUIS

720 Office, Suite 700

St. Louis, MO 63101

tel 314.986.8881

O A T E S

ASSOCIATES

MISSOURI DESIGN FIRM

LICENSE NO. 001166

JEFFREY R. RENSING

PROFESSIONAL ENGINEER

LICENSE NO. 2006072376

City of Lake St. Louis

Public Works Department

307 Parkway Industrial Drive

Lake St. Louis, MO 63367

TEL 636.695.4221

PLAN AND PROFILE SHEETS

SHEET 5 OF 8

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Michael D. Busc

DATE PREPARED
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DISTRICT	STATE
SL	MO

SHEET NO.
22

COUNTY
ST. CHARLES

ROUTE
LSL BLVD

OA JOB NO.
223034

PROJECT NO.	STP-5418(62
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BRIDGE NO.	N/A
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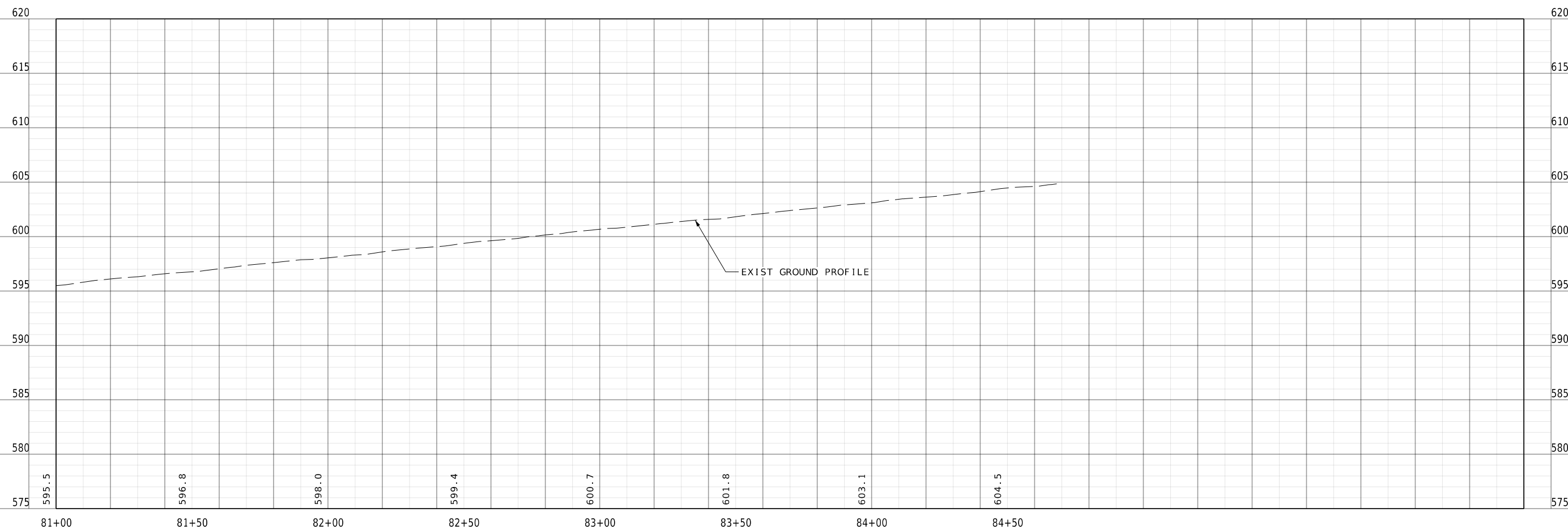
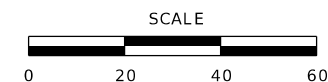
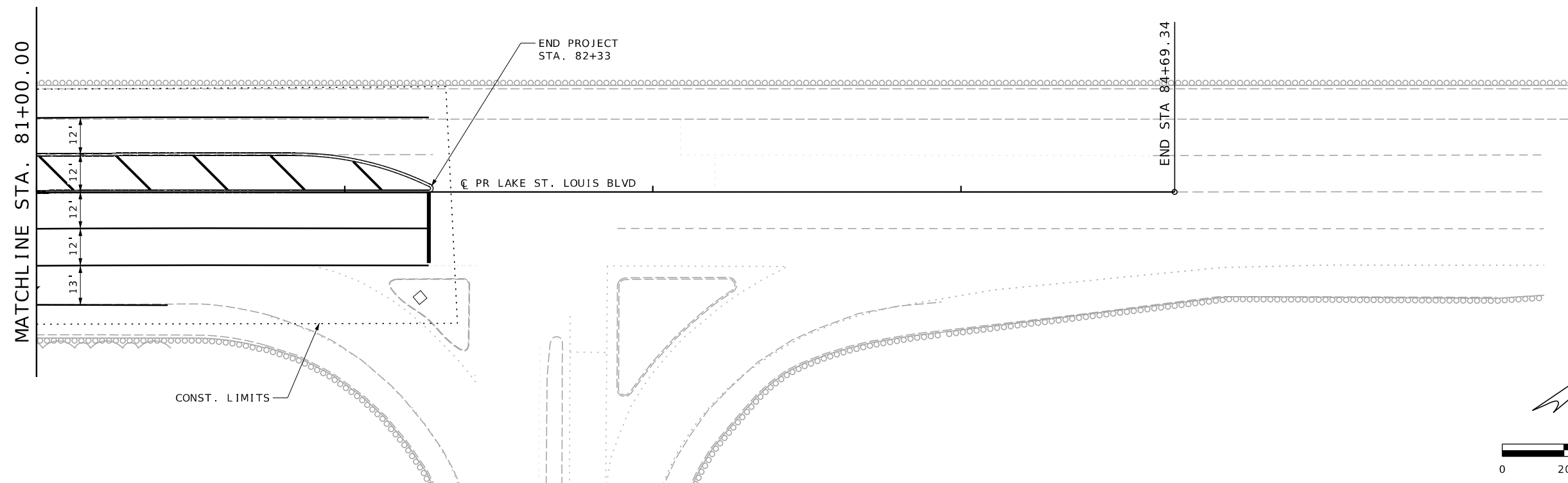
DATA ASSOCIATES
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720 Olive, Suite 700
St. Louis, MO 63101
tel' 314.588.8381

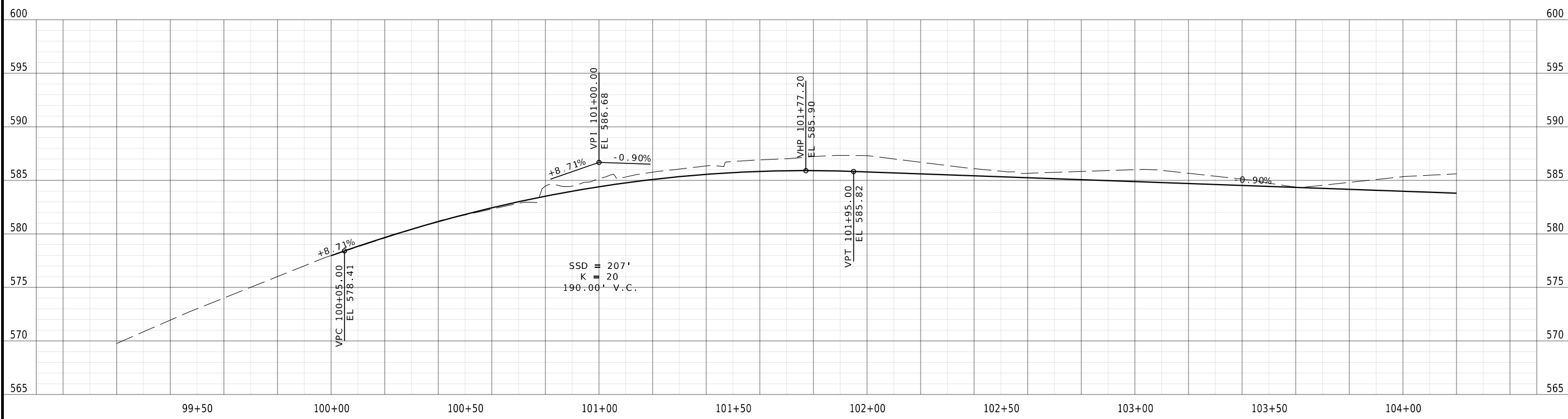
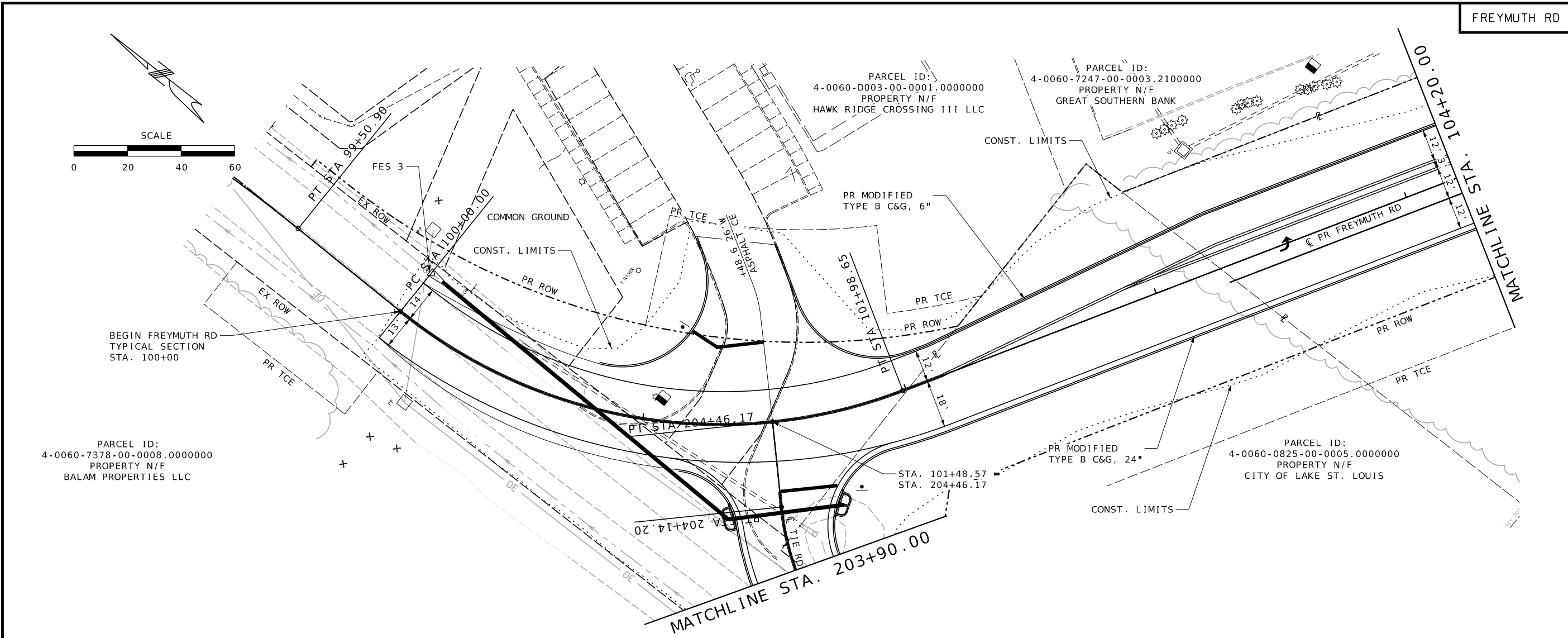
MISSOURI DESIGN FIRM
LICENSE NO. 001166

JEFFREY R. RENSING

**CITY OF LAKE ST. LOUIS
PUBLIC WORKS DEPARTMENT
307 BROADWAY INDUSTRIAL DRIVE**

PLAN AND PROFILE SHEETS
SHEET 6 OF 8





STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER
PE-2006012366
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.
Michael D. Busch
DATE PREPARED
5/29/2026
DISTRICT
SL
STATE
MO
SHEET NO.
23
COUNTY
ST. CHARLES
ROUTE
LSL BLVD
DA JOB NO.
223034
PROJECT NO.
STP-5418 (625)
BRIDGE NO.
N/A

DESCRIPTION
DATE

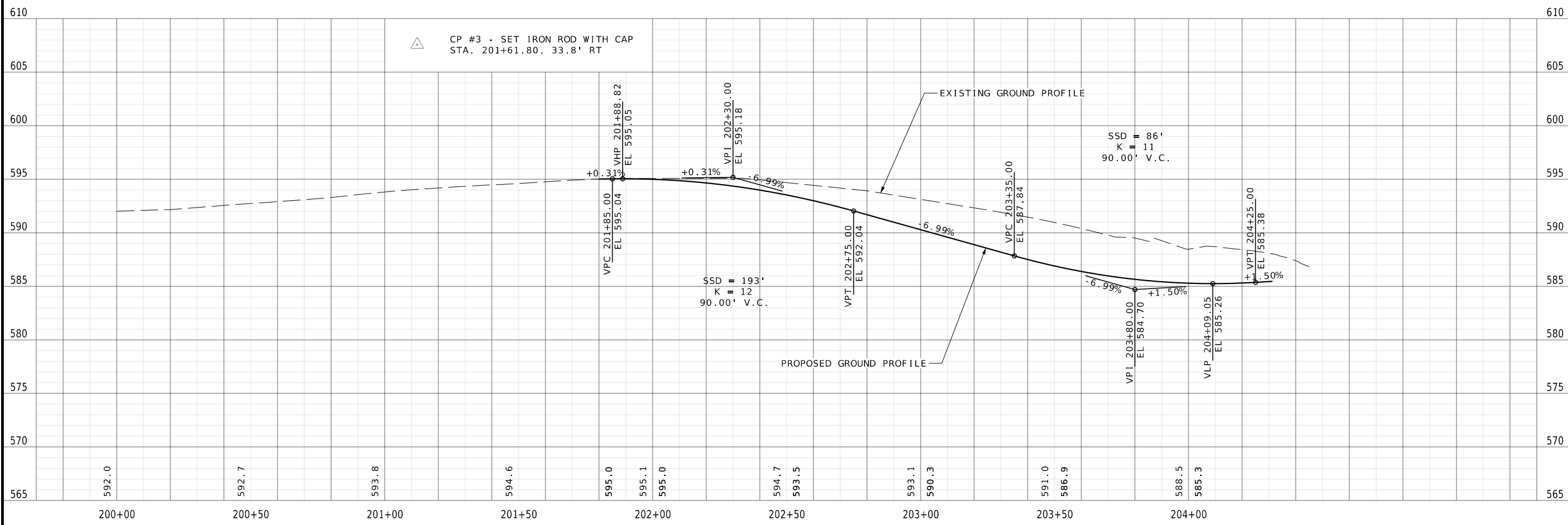
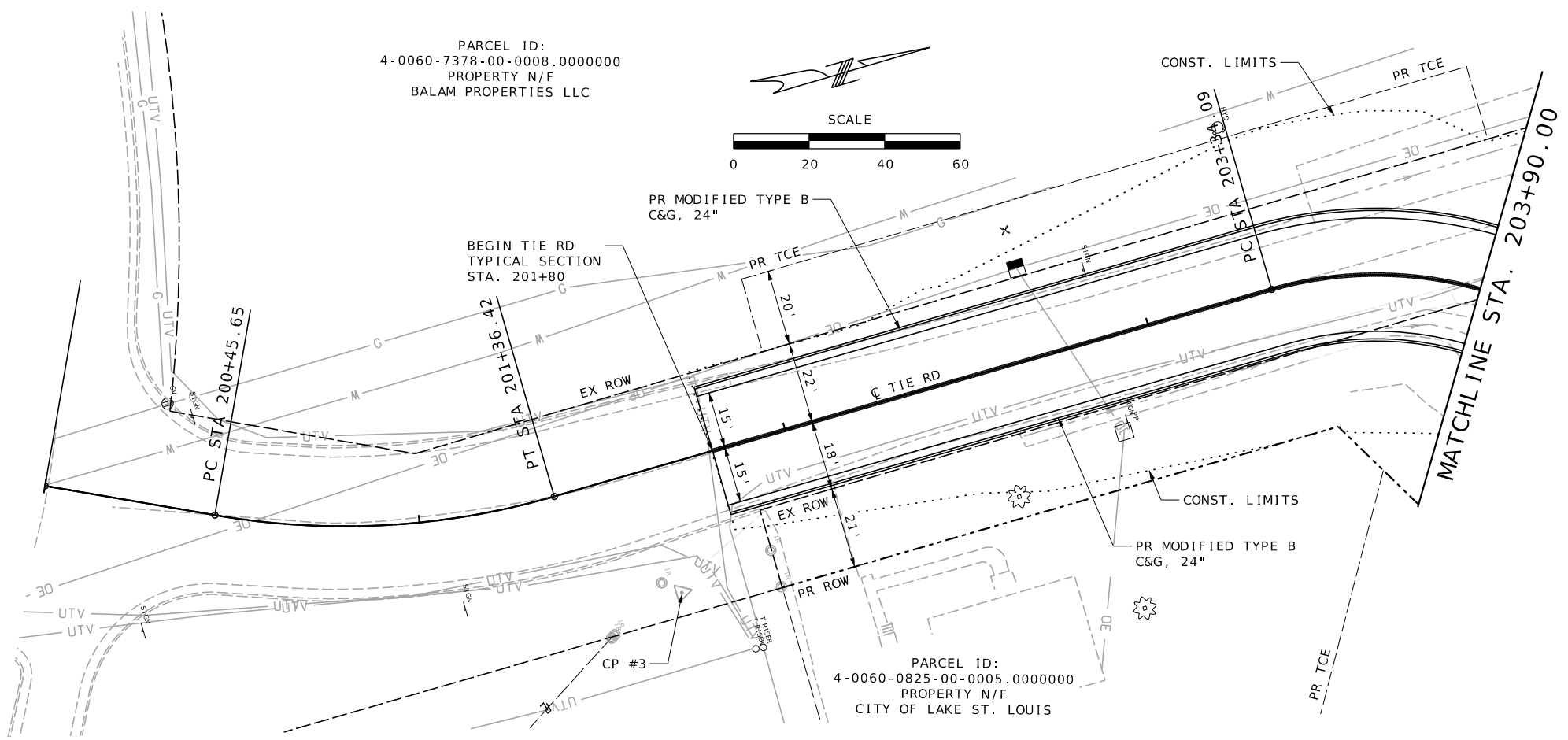
ST. LOUIS
720 Office, Suite 700
St. Louis, MO 63101
314.586.8881
OATES ASSOCIATES
MISSOURI DESIGN FIRM
LICENSE NO. 001166
JEFFREY R. LENSING
PROFESSIONAL ENGINEER
LICENSE NO. 2006072376

CITY OF LAKE ST. LOUIS
PUBLIC WORKS DEPARTMENT
307 PARKWAY INDUSTRIAL DRIVE
LAKE ST. LOUIS, MO 63367
TEL 636.695.4221

PLAN AND PROFILE SHEETS
SHEET 7 OF 8

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THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

Michael D. Busch

DATE PREPARED
5/29/2026

DISTRICT SL STATE MO

SHEET NO.
24

COUNTY
ST. CHARLES

ROUTE
LSL BLVD

OA JOB NO.
223034

PROJECT NO.
STP-5418 (625)

BRIDGE NO.
N/A

DATE	DESCRIPTION

ST. LOUIS
720 Office, Suite 700
St. Louis, MO 63101
tel 314.586.4881

OATES
ASSOCIATES

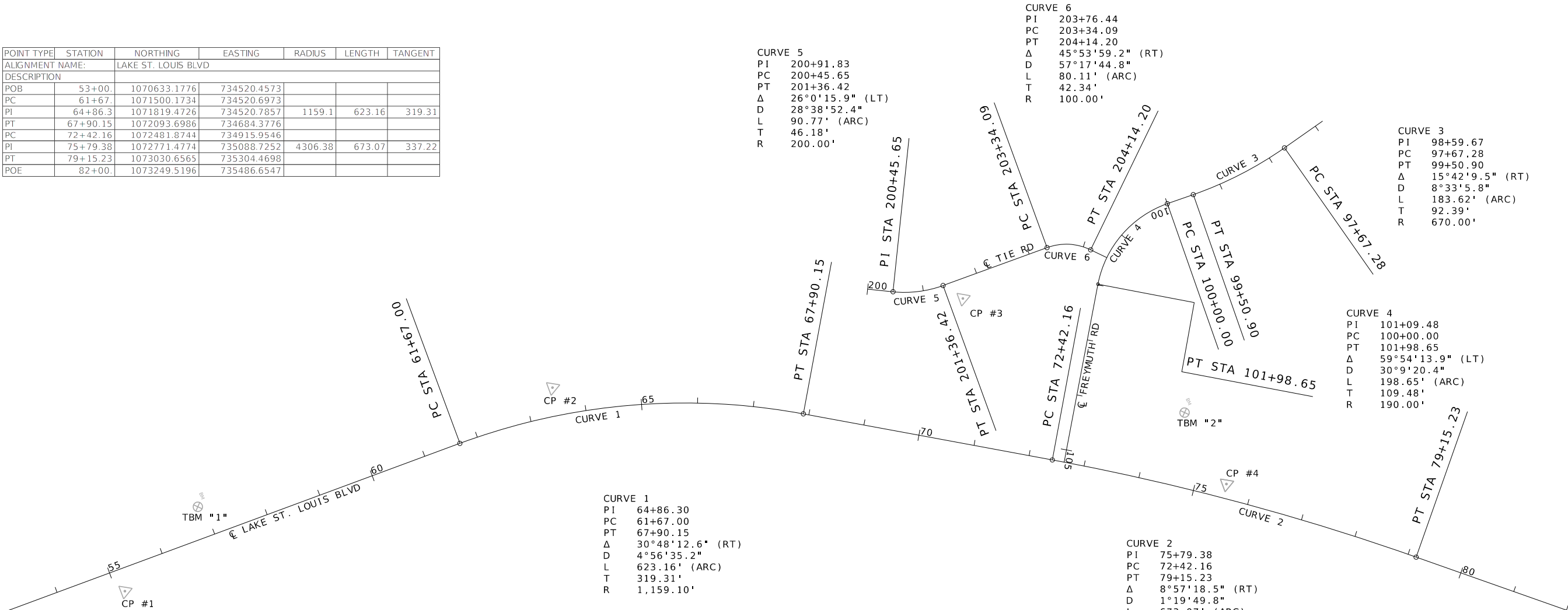
MISSOURI DESIGN FIRM
LICENSE NO. 001166

JEFFREY R. RENSING
PROFESSIONAL ENGINEER
LICENSE NO. 2006072376

CITY OF LAKE ST. LOUIS
PUBLIC WORKS DEPARTMENT
307 PARKWAY INDUSTRIAL DRIVE
LAKE ST. LOUIS, MO 63367
TEL 636.695.4221

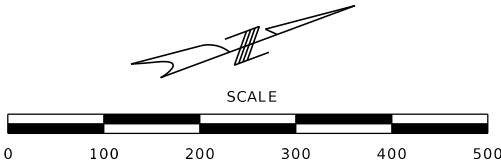
PLAN AND PROFILE SHEETS
SHEET 8 OF 8

POINT TYPE	STATION	NORTHING	EASTING	RADIUS	LENGTH	TANGENT
ALIGNMENT NAME:		LAKE ST. LOUIS BLVD				
DESCRIPTION						
POB	53+00.	1070633.1776	734520.4573			
PC	61+67.	1071500.1734	734520.6973			
PI	64+86.3	1071819.4726	734520.7857	1159.1	623.16	319.31
PT	67+90.15	1072093.6986	734684.3776			
PC	72+42.16	1072481.8744	734915.9546			
PI	75+79.38	1072771.4774	735088.7252	4306.38	673.07	337.22
PT	79+15.23	1073030.6565	735304.4698			
POE	82+00.	1073249.5196	735486.6547			



POINT TYPE	STATION	NORTHING	EASTING	RADIUS	LENGTH	TANGENT
ALIGNMENT NAME:		FREYMUTH RD				
DESCRIPTION						
POB	95+48.74	1073275.6960	734481.6102			
PC	97+67.28	1073064.3008	734537.0478			
PI	98+59.67	1072974.9327	734560.4842	670	183.62	92.39
PT	99+50.90	1072882.5570	734558.8589			
PC	100+00.00	1072833.4668	734557.9953			
PI	101+09.48	1072723.9996	734556.0693	190	198.65	109.48
PT	101+98.65	1072667.4407	734649.8129			
POE	105+22.34	1072500.2254	734926.9643			

POINT TYPE	STATION	NORTHING	EASTING	RADIUS	LENGTH	TANGENT
ALIGNMENT NAME:		TIE RD				
DESCRIPTION						
POB	200+00.	1072278.6180	734515.2177			
PC	200+45.65	1072319.5811	734535.3599			
PI	200+91.83	1072361.7732	734556.1064	200	90.77	46.18
PT	201+36.42	1072407.1872	734555.9597			
PC	203+34.09	1072604.8575	734556.9566			
PI	203+76.44	1072647.1896	734557.1701	100	80.11	42.34
PT	204+14.20	1072676.5069	734587.7471			
POE	204+46.17	1072698.6292	734610.8200			



STATE OF MISSOURI

MICHAEL D. BUSCH

NUMBER

PE-2006012366

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

Michael D. Busch

DATE PREPARED

5/28/2026

DISTRICT

SL

STATE

MO

SHEET NO.

25

COUNTY

ST. CHARLES

ROUTE

LSL BLVD

OA JOB NO.

223034

PROJECT NO.

STP-5418(625)

BRIDGE NO.

N/A

DESCRIPTION	DATE

ST. LOUIS

720 Office, Suite 700

St. Louis, MO 63101

tel 314.986.8881

O A T E S

ASSOCIATES

MISSOURI DESIGN FIRM

LICENSE NO. 001166

JEFFREY R. RENSHING

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LICENSE NO. 2006072376

City of Lake St. Louis

Public Works Department

307 Parkway Industrial Drive

Lake St. Louis, MO 63367

TEL 636.695.4221

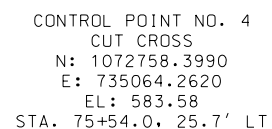
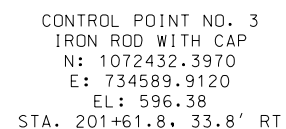
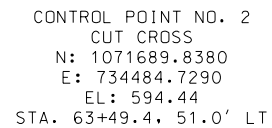
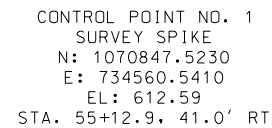
ALIGNMENT AND CORRDINATE POINTS SHEET

SHEET 1 OF 1

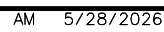
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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5/28/2026



THE UTILITIES CONTACTED WERE BRIGHT SPEED, CHARTER COMMUNICATIONS, CUIVRE RIVER ELECTRIC COOP, CITY OF LAKE ST. LOUIS, SPIRE MO EAST, ST. CHARLES COUNTY PWS# 2 AND GATEWAY FIBER LLC.



LAKE ST. LOUIS BLVD



THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

Michael D. Busch

DATE PREPARED
5/28/2026

DISTRICT SL STATE MO

SHEET NO.
29

COUNTY
ST. CHARLES

ROUTE
LSL BLVD

DA JOB NO.
223034

PROJECT NO.
STP-5418(625)

BRIDGE NO.
N/A

DESCRIPTION

DATE

ST. LOUIS
720 Office, Suite 700
St. Louis, MO 63101
Tel: 314.586.8881
FAX: 314.586.8881
OATES
ASSOCIATES
MISSOURI DESIGN FIRM
LICENSE NO. 001166
JEFFREY R. RENNING
PROFESSIONAL ENGINEER
LICENSE NO. 2006072376

CITY OF LAKE ST. LOUIS
PUBLIC WORKS DEPARTMENT
307 PARKWAY INDUSTRIAL DRIVE
LAKE ST. LOUIS, MO 63367
TEL 636.695.4221

RIGHT OF WAY SHEETS
SHEET 3 OF 8

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

PARCEL ③
PROPERTY N/F
TRITON PROPERTIES LLC
PARCEL ID#
4-0060-C645-00-005A.0000000

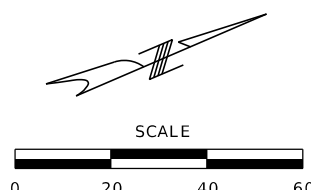
ADDRESS
4101 LAKE ST. LOUIS BLVD.
ORIGINAL AREA: 148,652 SQ FT
PR ROW: 2,241 SQ FT
PR PSWE: 3,304 SQ FT
PR TCE: 5,863 SQ FT
REMAINING AREA: 146,411 SQ FT

5A
HAWK RIDGE BUSINESS PARK AND GOLF COURSE
RESUBDIVISION OF LOT 5
PB. 50 PG. 47

PARCEL ⑨
PROPERTY N/F
MRNF INC
PARCEL #
4-0060-7247-00-0001.0000000
DB. 5446 PG. 608
ADDRESS
LAKE ST. LOUIS BOULEVARD
ORIGINAL AREA: 6,824,529 SQ FT
PR ROW: 3,909 SQ FT
PR PSWE: 11,170 SQ FT
PR PERM ROADWAY ESMT: 8,296 SQ FT
PR TCE: 19,194 SQ FT
REMAINING AREA: 6,820,620 SQ FT

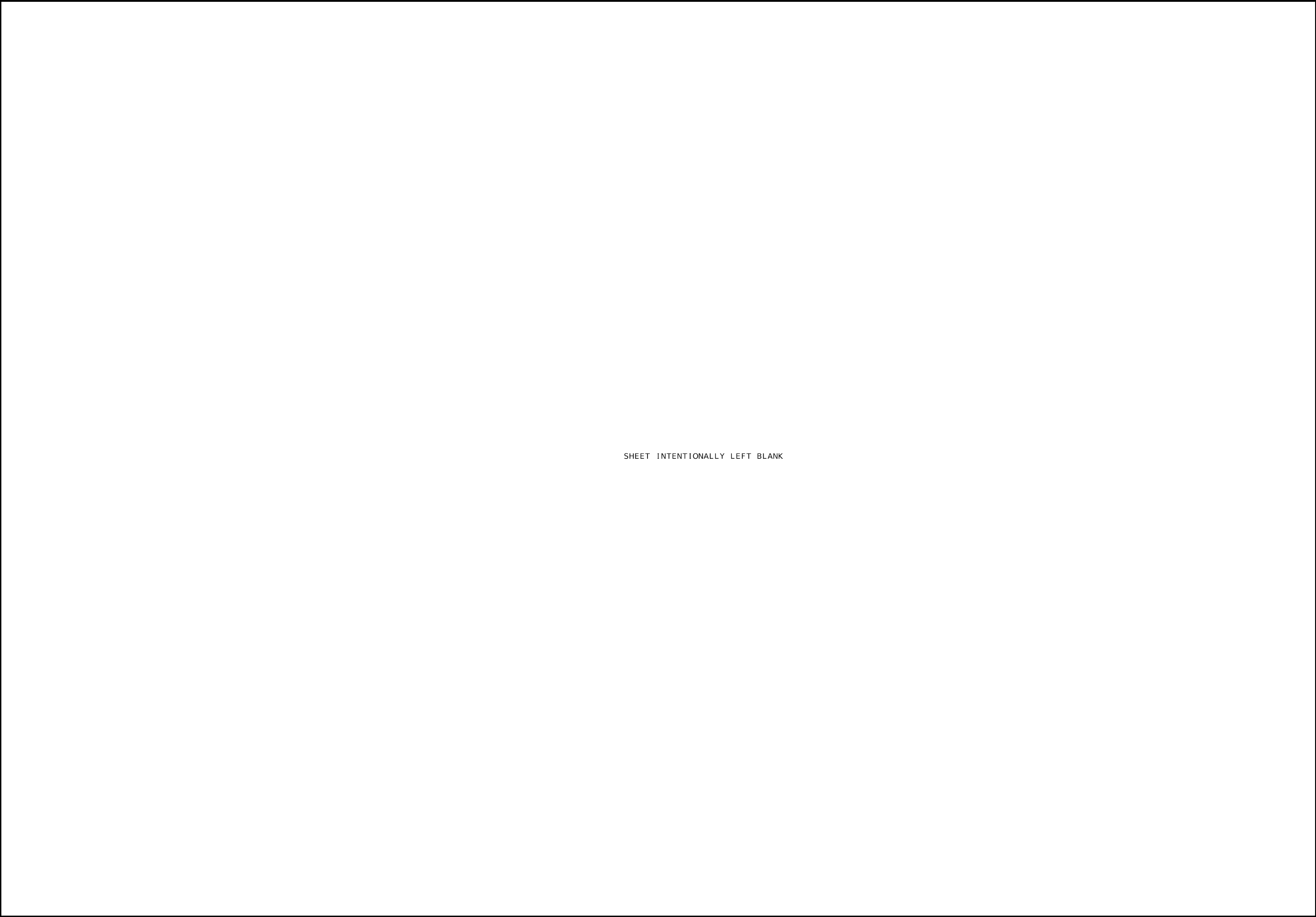
RIGHT OF WAY LEGEND

- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- EXISTING PROPERTY LINE
- EXISTING EASEMENT LINE
- PROPOSED TEMPORARY CONSTRUCTION EASEMENT
- PROPOSED CONSTRUCTION LIMITS
- PROPOSED RIGHT OF WAY
- PROPOSED PERMANENT SIDEWALK EASEMENT
- PROPOSED PERMANENT ROADWAY EASEMENT



MATCHLINE STA. 64+00.00

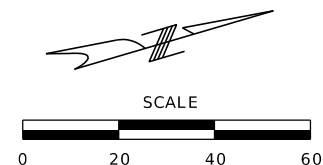
MATCHLINE STA. 69+00.00



SHEET INTENTIONALLY LEFT BLANK

RIGHT OF WAY SHEETS SHEET 7 OF 8  CITY OF LAKE ST. LOUIS PUBLIC WORKS DEPARTMENT 307 PARKWAY INDUSTRIAL DRIVE LAKE ST. LOUIS, MO 63367 TEL 636.695.4221  ST. LOUIS 720 Office, Suite 700 St. Louis, MO 63101 MO 314.986.8881 MISSOURI DESIGN FIRM LICENSE NO. 001166 JEFFREY R. RENSING PROFESSIONAL ENGINEER LICENSE NO. 2006072376		DATE	DESCRIPTION		
 THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY. <i>Michael D. Busch</i> DATE PREPARED 5/28/2026 <table><tr><td>DISTRICT</td><td>STATE</td></tr><tr><td>SL</td><td>MO</td></tr></table> SHEET NO. 33 COUNTY ST. CHARLES ROUTE LSL BLVD OA JOB NO. 223034 PROJECT NO. STP-5418(625) BRIDGE NO. N/A		DISTRICT	STATE	SL	MO
DISTRICT	STATE				
SL	MO				

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

[illegible]

MOATES ASSOCIATES
ST. LOUIS
720 Olive, Suite 700
St. Louis, MO 63101
tel 314.986.8381

MISSOURI DESIGN FIRM
LICENSE NO. 001166

JEFFREY R. RENSING
PROFESSIONAL ENGINEER
LICENSE NO. 2006072376



CITY OF LAKE ST. LOUIS
PUBLIC WORKS DEPARTMENT
107 PARKWAY INDUSTRIAL DRIVE
LAKE ST. LOUIS, MO 63367
TEL 636-695-4221

RIGHT OF WAY SHEETS
SHEET 8 OF 8



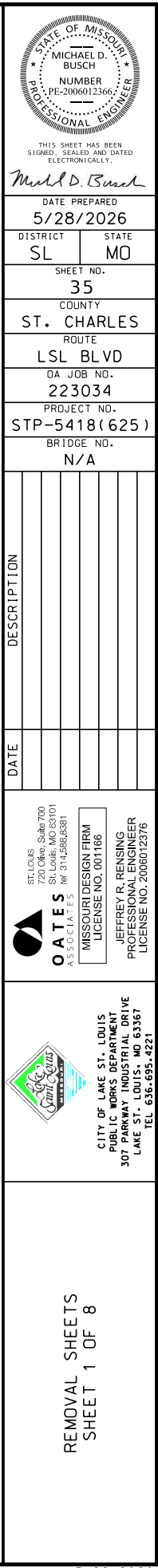
STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER
PE-2006012366
PROFESSIONAL ENGINEER

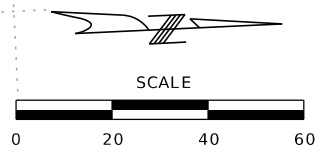
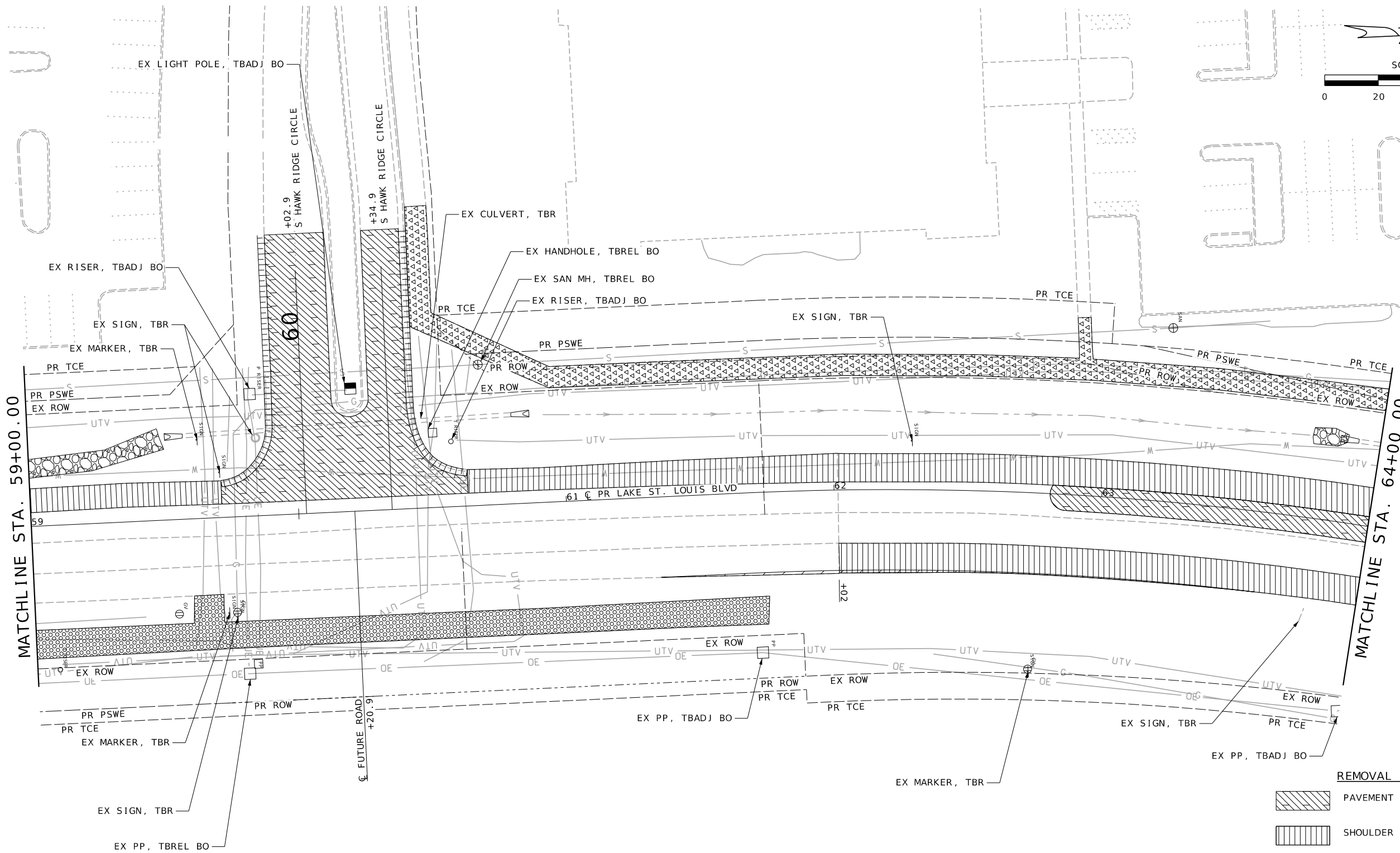
THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

Michael D. Busch

DATE PREPARED	
5/28/2026	
DISTRICT	STATE
SL	MO
SHEET NO.	
34	
COUNTY	
ST. CHARLES	
ROUTE	
LSL BLVD	
OA JOB NO.	
223034	
PROJECT NO.	
STP-5418 (625)	
BRIDGE NO.	
N/A	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.





- REMOVAL LEGEND**
- PAVEMENT REMOVAL
 - SHOULDER REMOVAL
 - ENTRANCE REMOVAL
 - SIDEWALK REMOVAL
 - SHARED-USE PATH REMOVAL
 - ROCK BLANKET REMOVAL
 - CURB & GUTTER REMOVAL

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER
PE-2006012366
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

Michael D. Busch

DATE PREPARED
5/29/2026

DISTRICT	STATE
SL	MO

SHEET NO.
36

COUNTY
ST. CHARLES

ROUTE
LSL BLVD

DA JOB NO.
223034

PROJECT NO.
STP-5418(625)

BRIDGE NO.
N/A

DATE	DESCRIPTION

ST. LOUIS
720 Office, Suite 700
St. Louis, MO 63101
Tel: 314.986.4881

OATES
ASSOCIATES

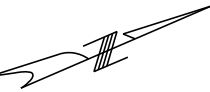
MISSOURI DESIGN FIRM
LICENSE NO. 001166

JEFFREY R. RENNING
PROFESSIONAL ENGINEER
LICENSE NO. 2006072376

CITY OF LAKE ST. LOUIS
PUBLIC WORKS DEPARTMENT
307 PARKWAY INDUSTRIAL DRIVE
LAKE ST. LOUIS, MO 63367
TEL 636.695.4221

REMOVAL SHEETS
SHEET 2 OF 8

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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 ST. LOUIS
720 Olive, Suite 700
St. Louis, MO 63101
tel 314.598.8381

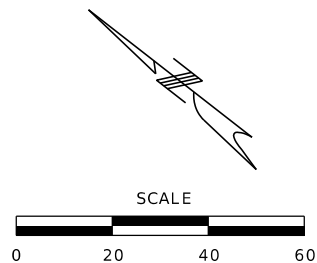
OATES
ASSOCIATES

MISSOURI DESIGN FIRM
LICENSE NO. 001166

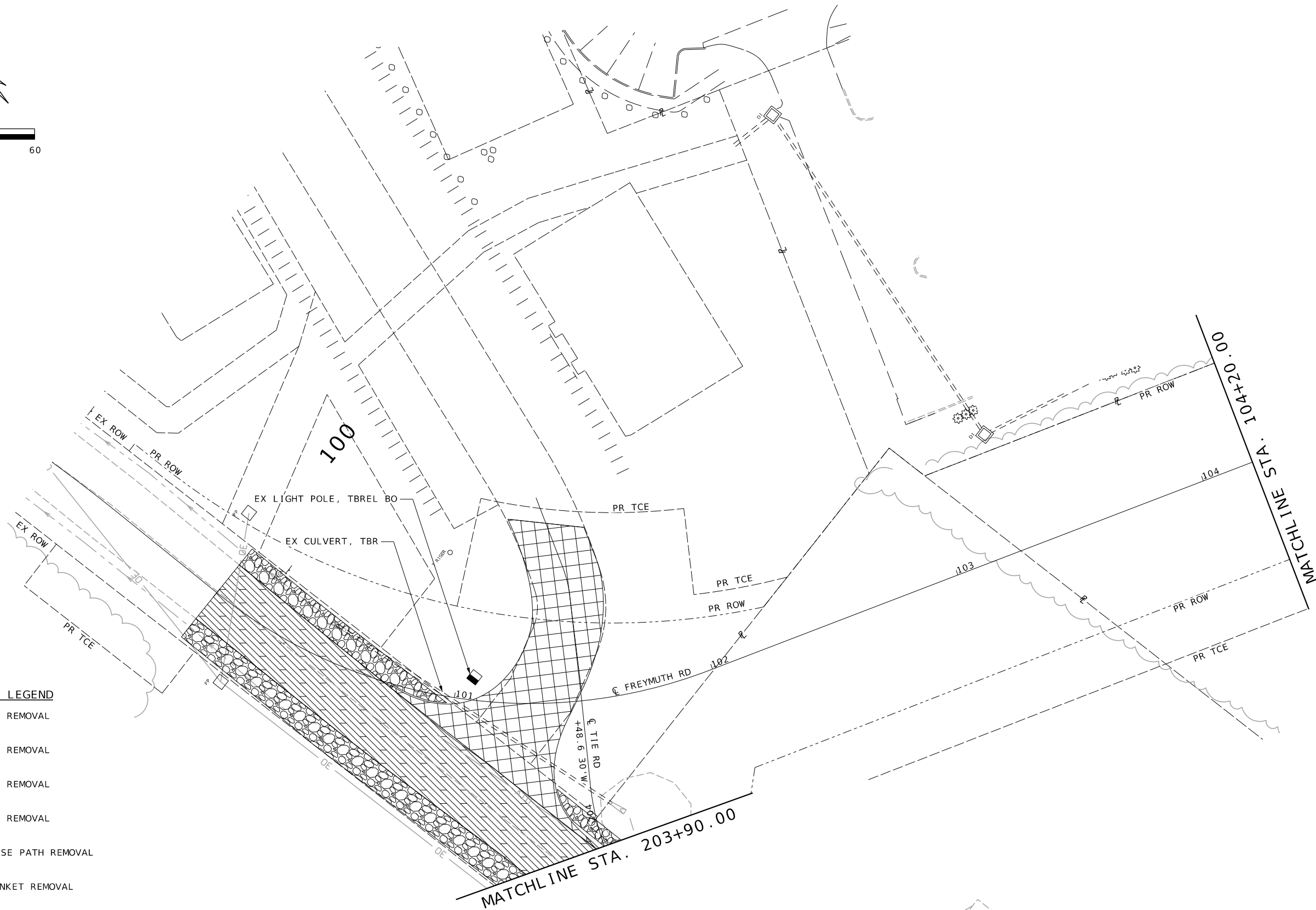
JEFFREY R. RENSHING
PROFESSIONAL ENGINEER
LICENSE NO. 2006012376



CITY OF LAKE ST. LOUIS
PUBLIC WORKS DEPARTMENT
307 PARKWAY INDUSTRIAL DRIVE
LAKE ST. LOUIS, MO 63367
TEL 636-693.4221



- REMOVAL LEGEND**
- PAVEMENT REMOVAL
 - SHOULDER REMOVAL
 - ENTRANCE REMOVAL
 - SIDEWALK REMOVAL
 - SHARED-USE PATH REMOVAL
 - ROCK BLANKET REMOVAL
 - CURB & GUTTER REMOVAL



THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

Michael D. Busch

DATE PREPARED
5/28/2026

DISTRICT SL STATE MO

SHEET NO.
40

COUNTY
ST. CHARLES

ROUTE
LSL BLVD

DA JOB NO.
223034

PROJECT NO.
STP-5418(625)

BRIDGE NO.
N/A

DATE	DESCRIPTION

ST. LOUIS
720 Office, Suite 700
St. Louis, MO 63101
Tel: 314.586.8881
FAX: 314.586.8881
OATES
ASSOCIATES
MISSOURI DESIGN FIRM
LICENSE NO. 001166
JEFFREY R. RENNING
PROFESSIONAL ENGINEER
LICENSE NO. 200602376

CITY OF LAKE ST. LOUIS
PUBLIC WORKS DEPARTMENT
307 PARKWAY INDUSTRIAL DRIVE
LAKE ST. LOUIS, MO 63367
TEL 636.695.4221

REMOVAL SHEETS
SHEET 6 OF 8

SHEET INTENTIONALLY LEFT BLANK

STATE OF MISSOURI

MICHAEL D. BUSCH

NUMBER

PE-2006012366

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

Michael D. Busch

DATE PREPARED

5/28/2026

DISTRICT

SL

STATE

MO

SHEET NO.

41

COUNTY

ST. CHARLES

ROUTE

LSL BLVD

OA JOB NO.

223034

PROJECT NO.

STP-5418(625)

BRIDGE NO.

N/A

DATE	DESCRIPTION

ST. LOUIS

720 Office, Suite 700

St. Louis, MO 63101

314.986.8881

O A T E S

ASSOCIATES

MISSOURI DESIGN FIRM

LICENSE NO. 001166

JEFFREY R. RENSHING

PROFESSIONAL ENGINEER

LICENSE NO. 2006072376

City of Lake St. Louis

Public Works Department

307 Parkway Industrial Drive

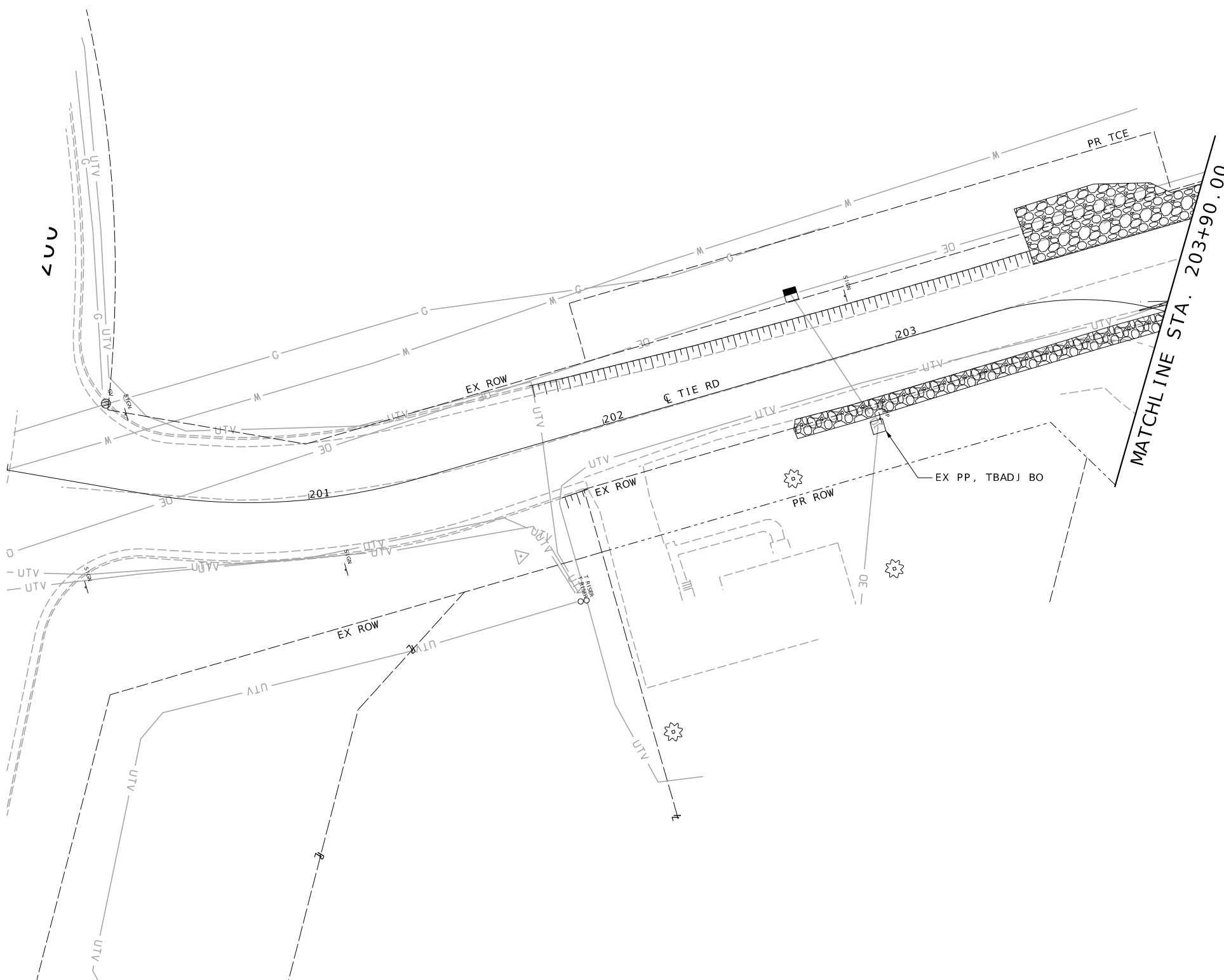
Lake St. Louis, MO 63367

TEL 636.695.4221

REMOVAL SHEETS

SHEET 7 OF 8

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- REMOVAL LEGEND**
- PAVEMENT REMOVAL
 - SHOULDER REMOVAL
 - ENTRANCE REMOVAL
 - SIDEWALK REMOVAL
 - SHARED-USE PATH REMOVAL
 - ROCK BLANKET REMOVAL
 - CURB & GUTTER REMOVAL

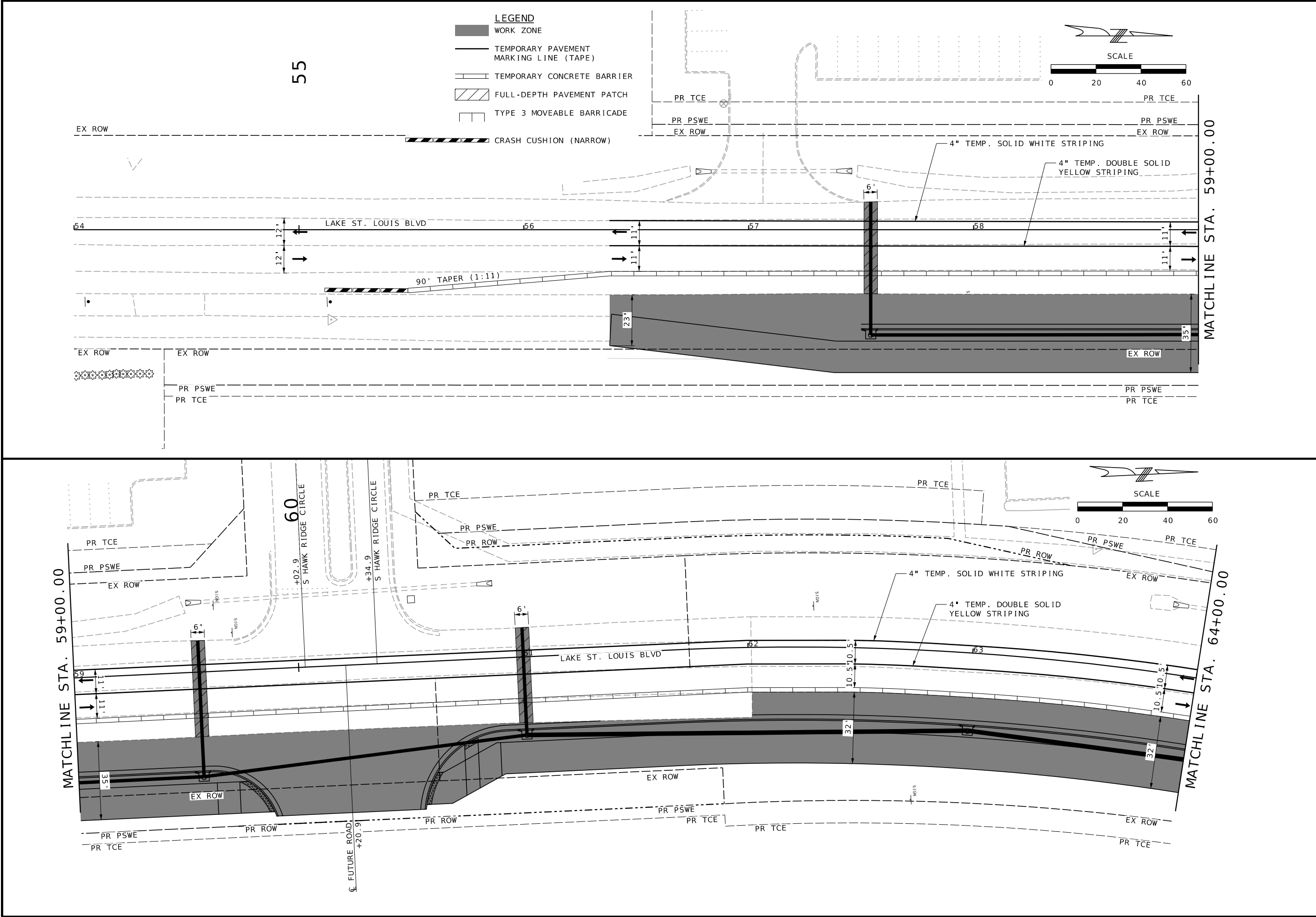
STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER
PE-2006012366
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.
Michael D. Busch
DATE PREPARED
5/28/2026
DISTRICT
SL
STATE
MO
SHEET NO.
42
COUNTY
ST. CHARLES
ROUTE
LSL BLVD
OA JOB NO.
223034
PROJECT NO.
STP-5418(625)
BRIDGE NO.
N/A

DATE	DESCRIPTION

ST. LOUIS
720 Office, Suite 700
St. Louis, MO 63101
tel 314.986.8881
OATES
ASSOCIATES
MISSOURI DESIGN FIRM
LICENSE NO. 001166
JEFFREY R. LENSING
PROFESSIONAL ENGINEER
LICENSE NO. 2006072376

CITY OF LAKE ST. LOUIS
PUBLIC WORKS DEPARTMENT
307 PARKWAY INDUSTRIAL DRIVE
LAKE ST. LOUIS, MO 63367
TEL 636.695.4221

REMOVAL SHEETS
SHEET 8 OF 8



STATE OF MISSOURI

MICHAEL D. BUSCH

NUMBER

PE-2006012366

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

Michael D. Busch

DATE PREPARED

5/28/2026

DISTRICT

SL

STATE

MO

SHEET NO.

45

COUNTY

ST. CHARLES

ROUTE

LSL BLVD

OA JOB NO.

223034

PROJECT NO.

STP-5418(625)

BRIDGE NO.

N/A

DATE	DESCRIPTION

ST. LOUIS

720 Office, Suite 700

St. Louis, MO 63101

tel 314.988.8881

ASSOCIATES

OATES

MISSOURI DESIGN FIRM

LICENSE NO. 001166

JEFFREY R. LENSENG

PROFESSIONAL ENGINEER

LICENSE NO. 2006072376

CITY OF LAKE ST. LOUIS

PUBLIC WORKS DEPARTMENT

307 PARKWAY INDUSTRIAL DRIVE

LAKE ST. LOUIS, MO 63367

TEL 636.695.4221

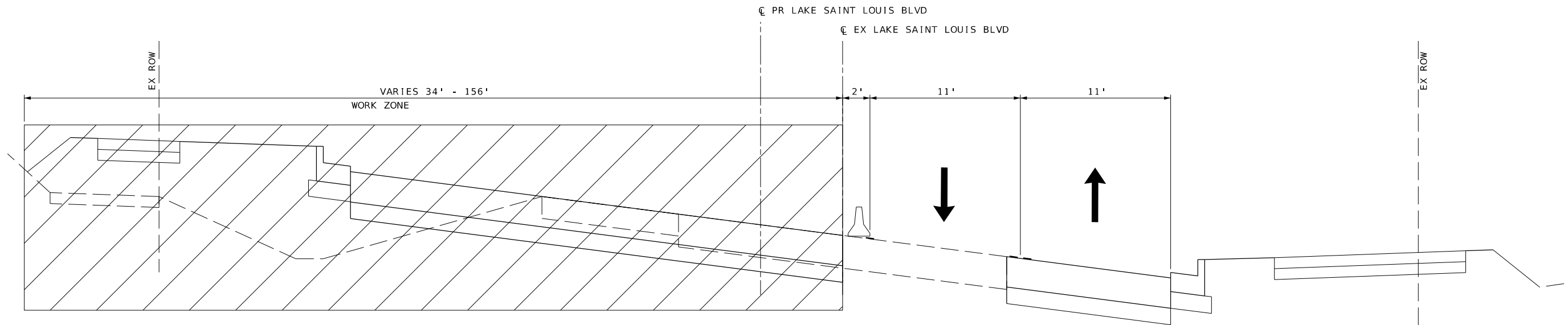
TRAFFIC CONTROL SHEET

STAGE 1

SHEET 3 OF 22

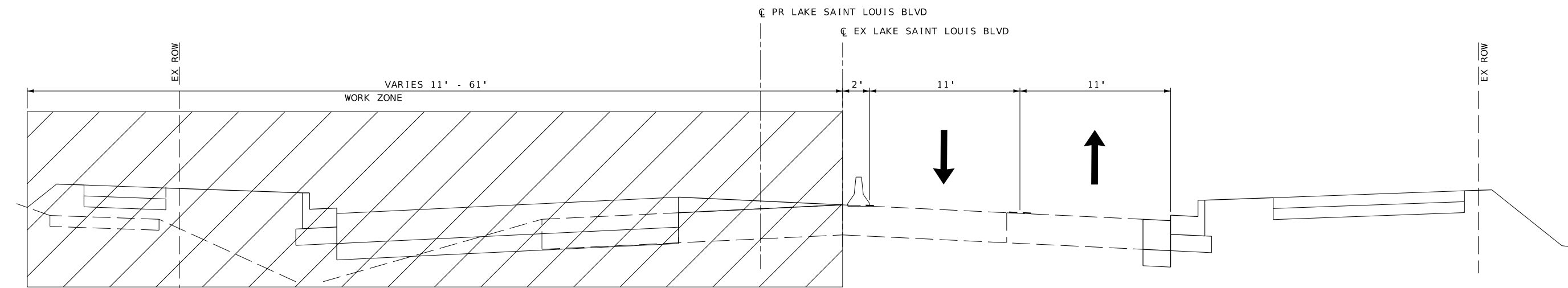
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5/28/2026



STAGE 2

STA. 60+89 TO STA. 62+82
STA. 71+90 TO STA. 78+15



STAGE 2

STA. 57+50 TO STA. 60+89



THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

Michael D. Busch

DATE PREPARED
5/28/2026

DISTRICT
SL

STATE
MO

SHEET NO.
48

COUNTY
ST. CHARLES

ROUTE
LSL BLVD

DA JOB NO.
223034

PROJECT NO.
STP-5418(625)

BRIDGE NO.
N/A

DATE

DESCRIPTION

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DESCRIPTION

DATE

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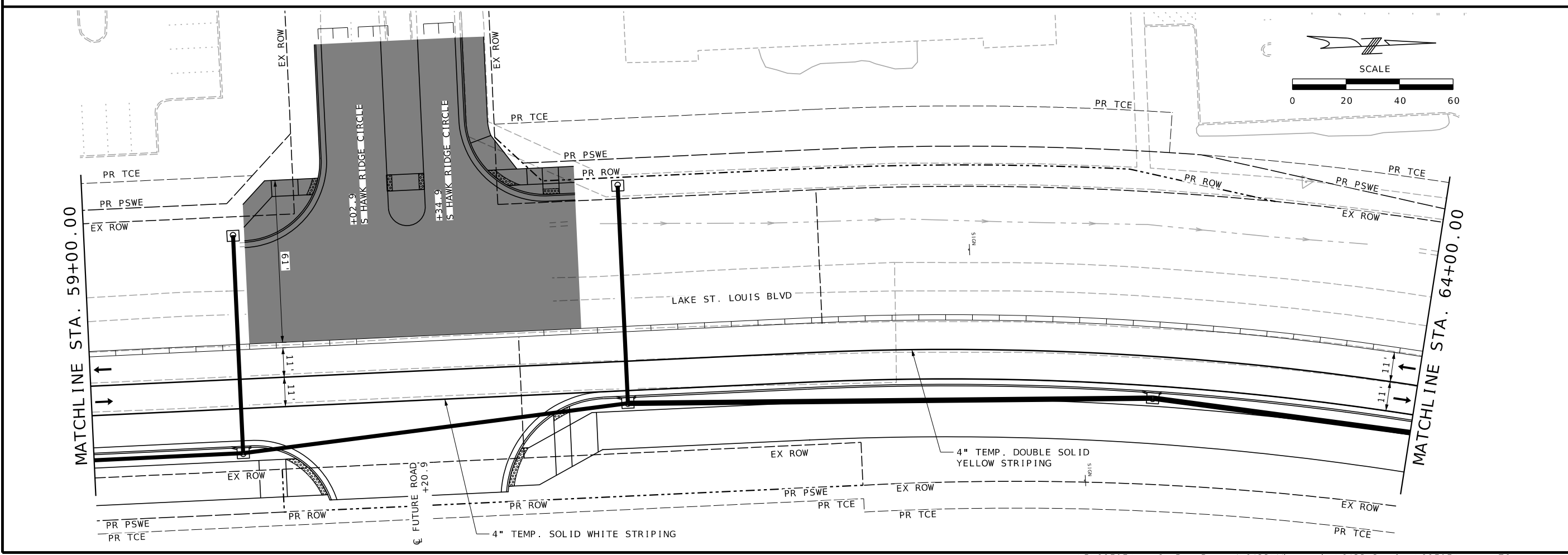
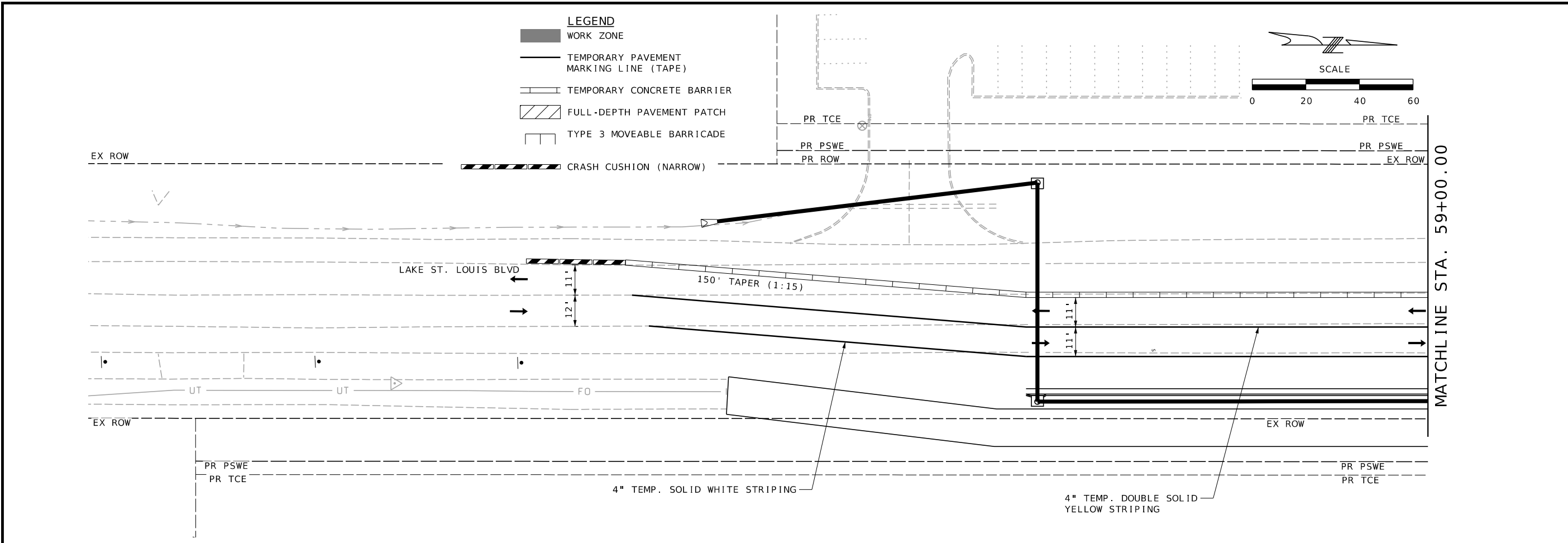
DATE

DESCRIPTION

TRAFFIC CONTROL SHEET
STAGE 2 TYPICALS
SHEET 6 OF 22

CITY OF LAKE ST. LOUIS
PUBLIC WORKS DEPARTMENT
307 PARKWAY INDUSTRIAL DRIVE
LAKE ST. LOUIS, MO 63367
TEL 636.695.4221

ST. LOUIS
720 Office, Suite 700
St. Louis, MO 63101
Tel 314.988.8881
O A T E S
ASSOCIATES
MISSOURI DESIGN FIRM
LICENSE NO. 001166
JEFFREY R. RENSING
PROFESSIONAL ENGINEER
LICENSE NO. 2006072376



STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER
PE-2006012366
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

Michael D. Busch

DATE PREPARED
5/29/2026

DISTRICT
SL

STATE
MO

SHEET NO.
51

COUNTY
ST. CHARLES

ROUTE
LSL BLVD

DA JOB NO.
223034

PROJECT NO.
STP-5418(625)

BRIDGE NO.
N/A

DATE	DESCRIPTION

ST. LOUIS
720 Office, Suite 700
St. Louis, MO 63101
314.586.8881
A.S.S.O. CLATES

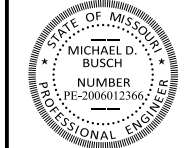
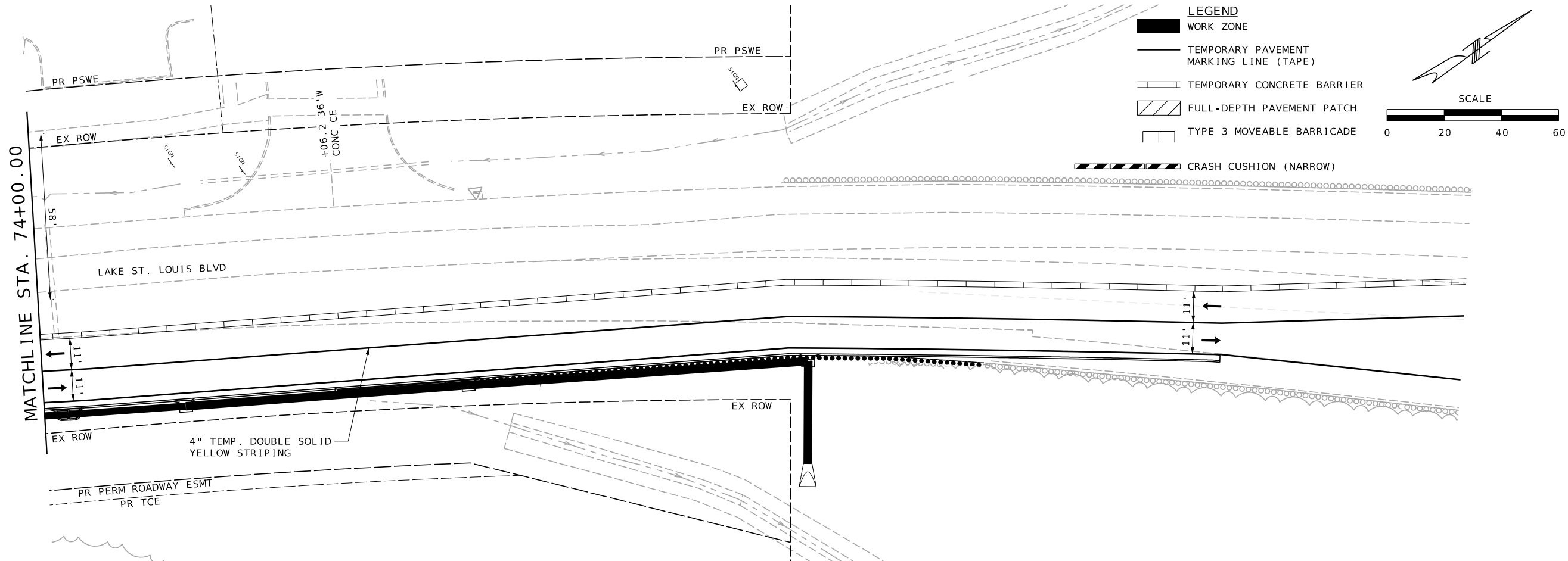
OATES

MISSOURI DESIGN FIRM
LICENSE NO. 001166

JEFFREY R. RENNING
PROFESSIONAL ENGINEER
LICENSE NO. 2006072376

CITY OF LAKE ST. LOUIS
PUBLIC WORKS DEPARTMENT
307 PARKWAY INDUSTRIAL DRIVE
LAKE ST. LOUIS, MO 63367
TEL 636.695.4221

TRAFFIC CONTROL SHEET
STAGE 2A
SHEET 9 OF 22



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

Michael D. Busch

DATE PREPARED: 5/28/2026

DISTRICT: SL STATE: MO

SHEET NO.: 53

COUNTY: ST. CHARLES

ROUTE: LSL BLVD

DA JOB NO.: 223034

PROJECT NO.: STP-5418 (625)

BRIDGE NO.: N/A

DESCRIPTION

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

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DATE

DATE

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DATE

DATE

ST. LOUIS
720 Office, Suite 700
St. Louis, MO 63101
OFFICE
314.988.8881

O A T E S
ASSOCIATES

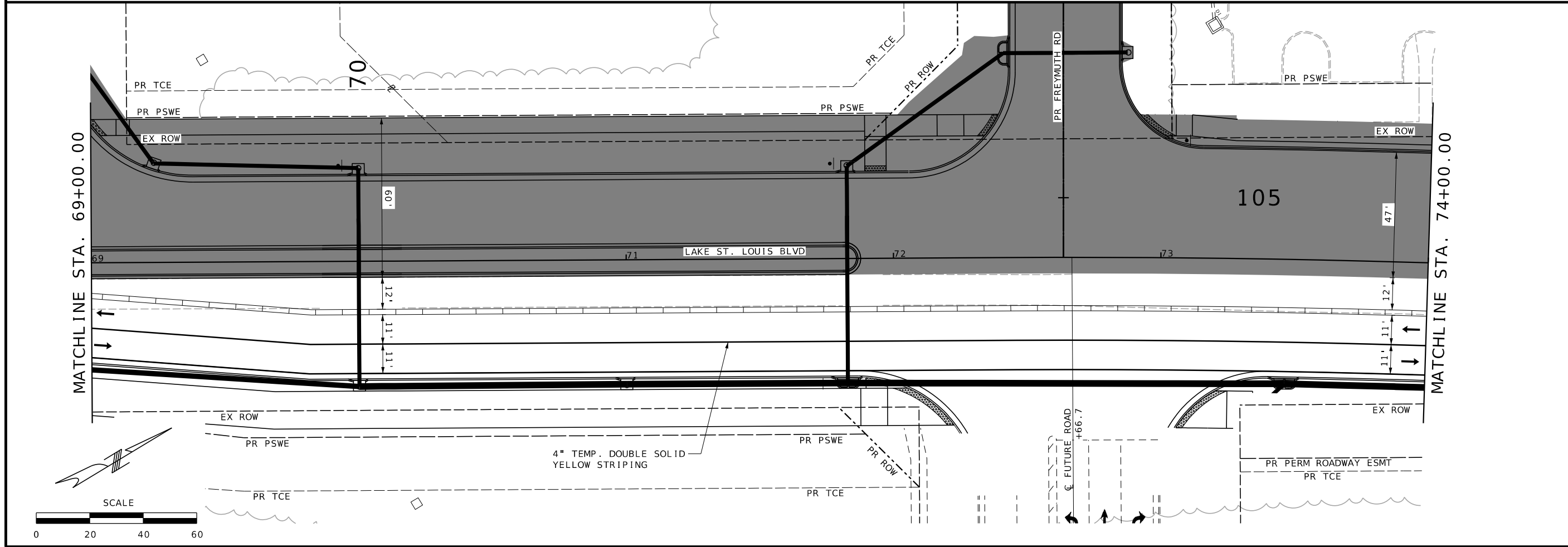
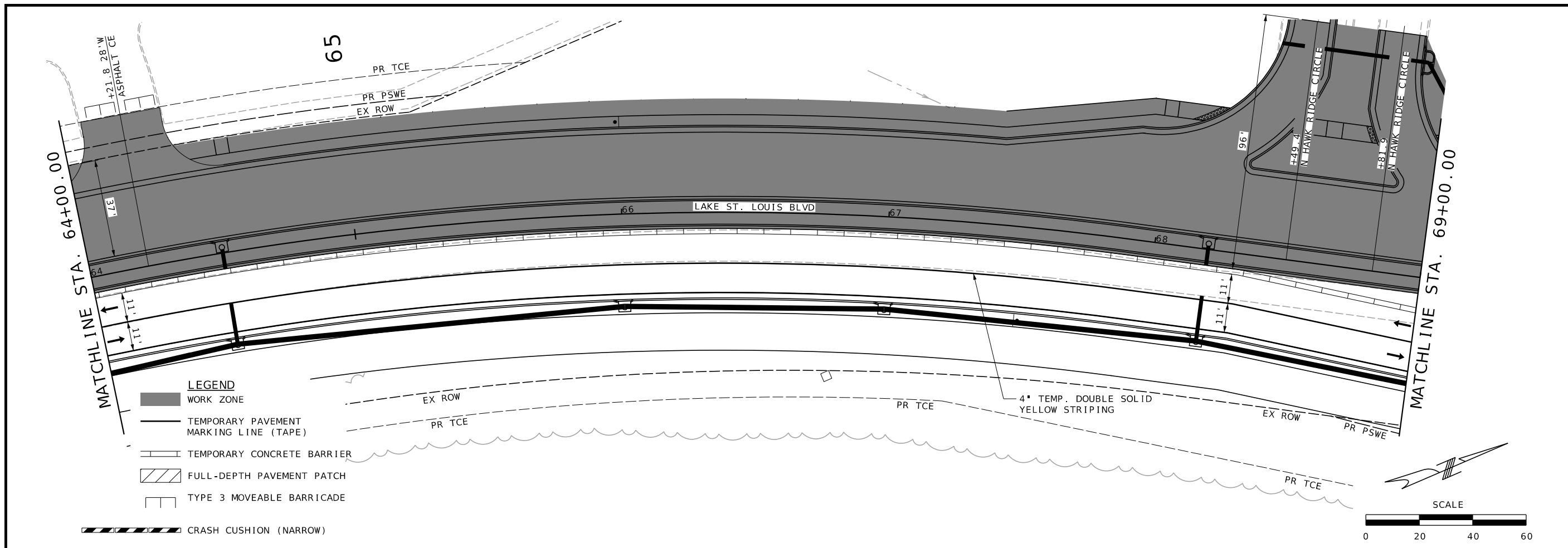
MISSOURI DESIGN FIRM
LICENSE NO. 001166

JEFFREY R. LENSING
PROFESSIONAL ENGINEER
LICENSE NO. 2006072376

City of Lake St. Louis
PUBLIC WORKS DEPARTMENT
307 PARKWAY INDUSTRIAL DRIVE
LAKE ST. LOUIS, MO 63367
TEL 636.695.4221

TRAFFIC CONTROL SHEET
STAGE 2A
SHEET 11 OF 22

5/28/2026



STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER
PE-2006012366
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

Michael D. Busch

DATE PREPARED
5/28/2026

DISTRICT
SL

STATE
MO

SHEET NO.
57

COUNTY
ST. CHARLES

ROUTE
LSL BLVD

DA JOB NO.
223034

PROJECT NO.
STP-5418(625)

BRIDGE NO.
N/A

DATE

DESCRIPTION

ST. LOUIS
720 Office, Suite 700
St. Louis, MO 63101
Tel: 314.988.8881
FAX: 314.988.8881

OATES
ASSOCIATES

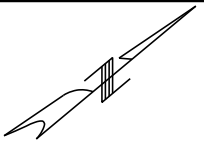
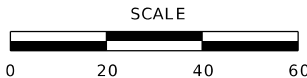
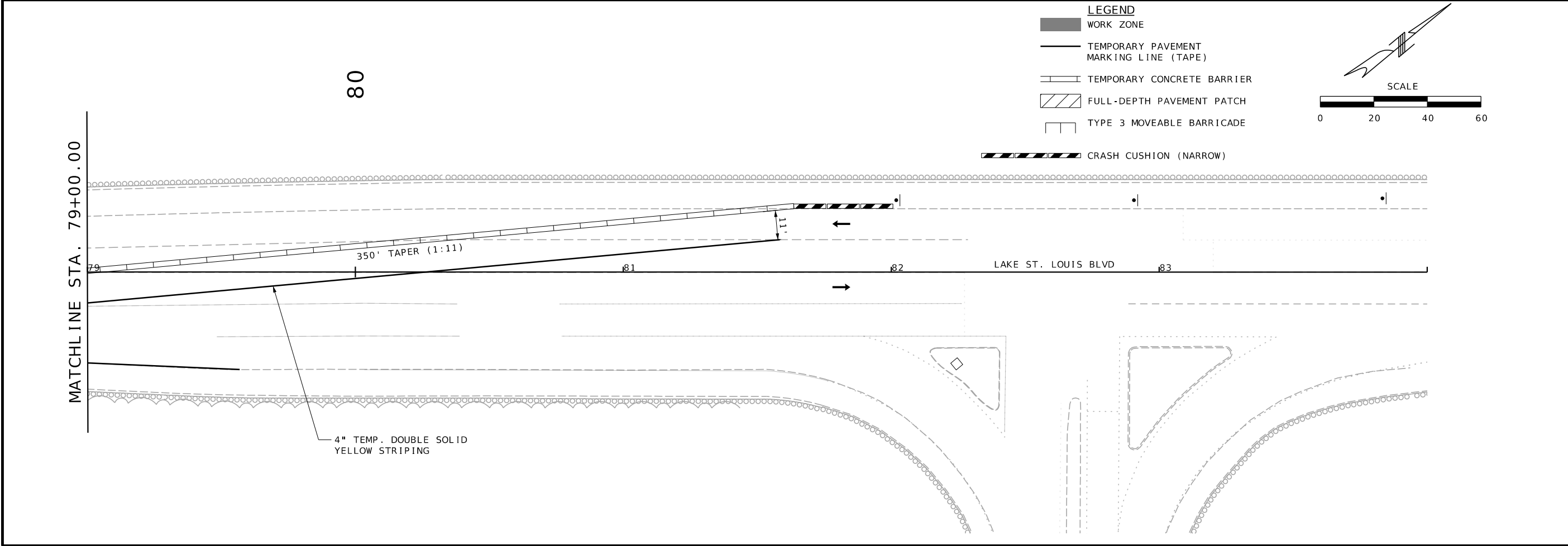
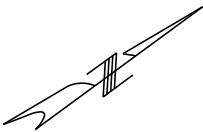
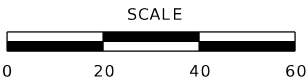
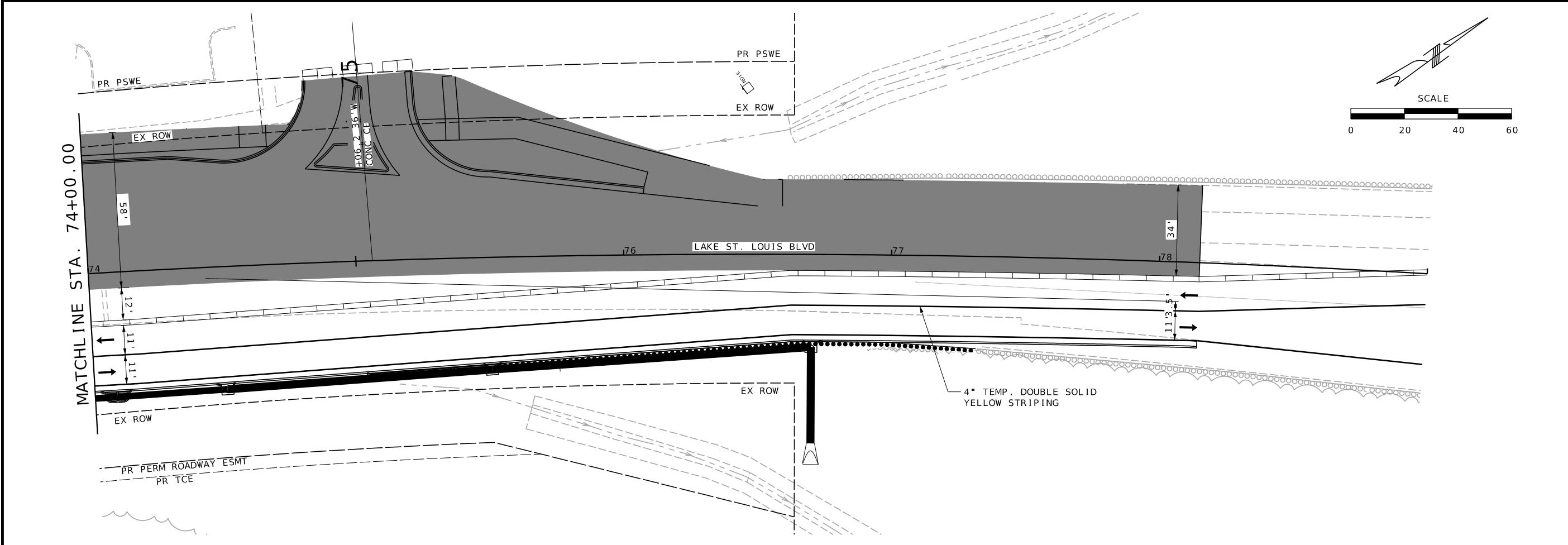
MISSOURI DESIGN FIRM
LICENSE NO. 001166

JEFFREY R. LENSENGER
PROFESSIONAL ENGINEER
LICENSE NO. 2006072376

CITY OF LAKE ST. LOUIS
PUBLIC WORKS DEPARTMENT
307 PARKWAY INDUSTRIAL DRIVE
LAKE ST. LOUIS, MO 63367
TEL 636.695.4221

TRAFFIC CONTROL SHEET
STAGE 2B
SHEET 15 OF 22

IF A SEAL IS PRESENT ON THIS SHEET, IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



- LEGEND**
- WORK ZONE
 - TEMPORARY PAVEMENT MARKING LINE (TAPE)
 - TEMPORARY CONCRETE BARRIER
 - FULL-DEPTH PAVEMENT PATCH
 - TYPE 3 MOVEABLE BARRICADE
 - CRASH CUSHION (NARROW)

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER
PE-2006012366
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.
Michael D. Busch

DATE PREPARED
5/28/2026

DISTRICT
SL

STATE
MO

SHEET NO.
58

COUNTY
ST. CHARLES

ROUTE
LSL BLVD

OA JOB NO.
223034

PROJECT NO.
STP-5418(625)

BRIDGE NO.
N/A

DATE

DESCRIPTION

ST. LOUIS
720 Office, Suite 700
St. Louis, MO 63101
OFFICE
314.988.8881

O A T E S
ASSOCIATES

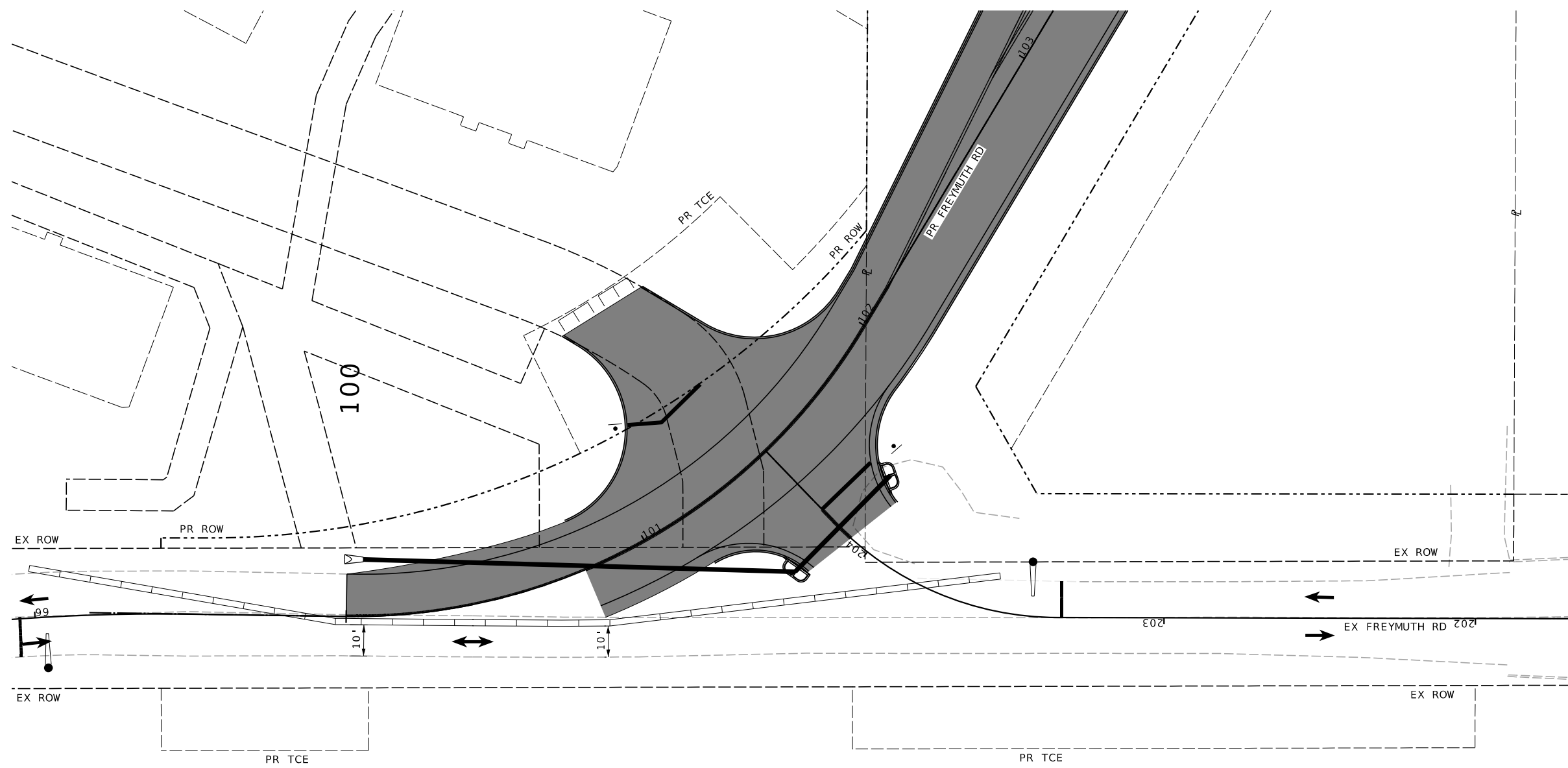
MISSOURI DESIGN FIRM
LICENSE NO. 001166

JEFFREY R. RENNING
PROFESSIONAL ENGINEER
LICENSE NO. 200602376

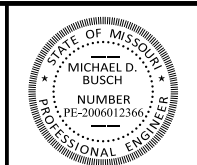
CITY OF LAKE ST. LOUIS
PUBLIC WORKS DEPARTMENT
307 PARKWAY INDUSTRIAL DRIVE
LAKE ST. LOUIS, MO 63367
TEL 636.695.4221

TRAFFIC CONTROL SHEET
STAGE 2B
SHEET 16 OF 22

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- LEGEND**
- WORK ZONE
 - TEMPORARY PAVEMENT MARKING LINE (STOP BAR)
 - TEMPORARY CONCRETE BARRIER
 - TYPE 3 MOVEABLE BARRICADE
 - TEMPORARY TRAFFIC SIGNAL
 - TEMPORARY STOP BAR
 - DIRECTION OF TRAVEL



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

Michael D. Busch

DATE PREPARED
5/28/2026

DISTRICT
SL

STATE
MO

SHEET NO.
59

COUNTY
ST. CHARLES

ROUTE
LSL BLVD

DA JOB NO.
223034

PROJECT NO.
STP-5418(625)

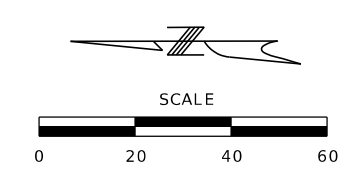
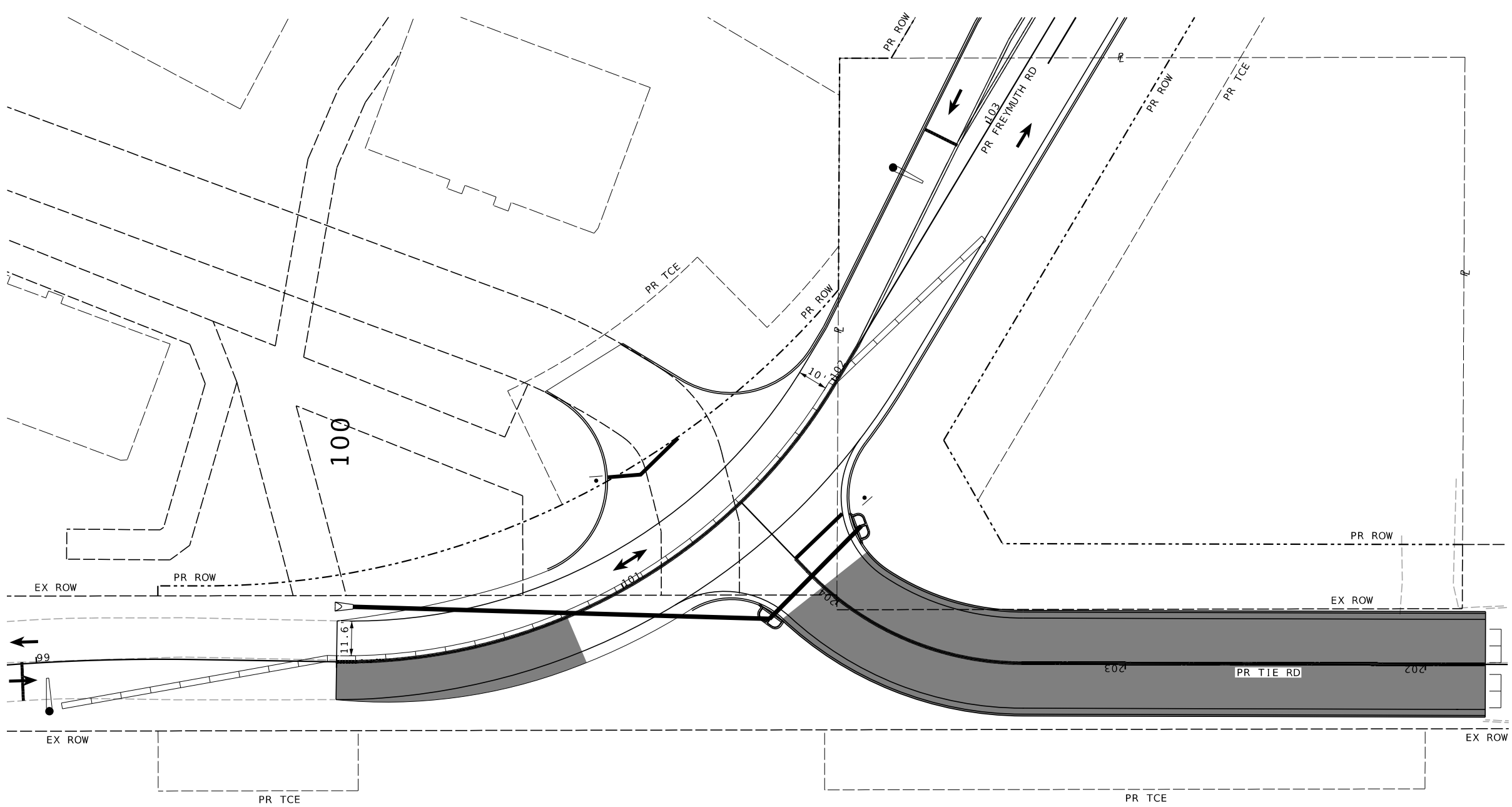
BRIDGE NO.
N/A

DATE	DESCRIPTION

ST. LOUIS
720 Office, Suite 700
St. Louis, MO 63101
TEL 314.988.8881
O A T E S
ASSOCIATES
MISSOURI DESIGN FIRM
LICENSE NO. 001166
JEFFREY R. RENNING
PROFESSIONAL ENGINEER
LICENSE NO. 2006072376

CITY OF LAKE ST. LOUIS
PUBLIC WORKS DEPARTMENT
307 PARKWAY INDUSTRIAL DRIVE
LAKE ST. LOUIS, MO 63367
TEL 636.695.4221

TRAFFIC CONTROL SHEET
STAGE 2B FREYMUTH RD
SHEET 17 OF 22



- LEGEND**
- WORK ZONE
 - TEMPORARY PAVEMENT MARKING LINE (STOP BAR)
 - TEMPORARY CONCRETE BARRIER
 - TYPE 3 MOVEABLE BARRICADE
 - TEMPORARY TRAFFIC SIGNAL
 - TEMPORARY STOP BAR
 - DIRECTION OF TRAVEL

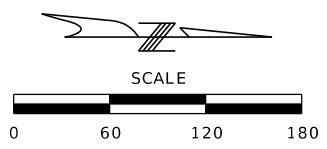
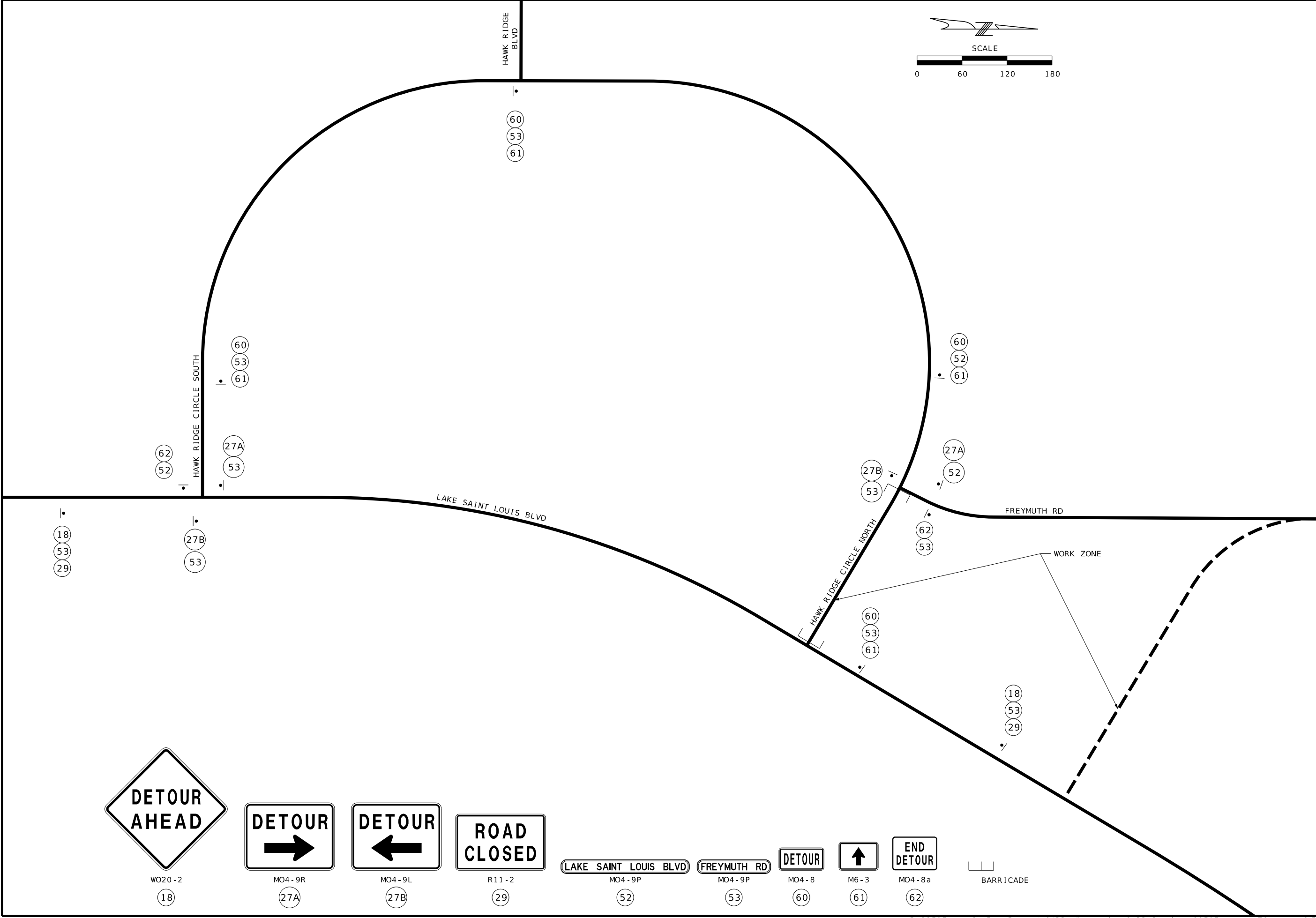
STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER
PE-2006012366
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.
Michael D. Busch
DATE PREPARED
5/28/2026
DISTRICT
SL
STATE
MO
SHEET NO.
60
COUNTY
ST. CHARLES
ROUTE
LSL BLVD
OA JOB NO.
223034
PROJECT NO.
STP-5418(625)
BRIDGE NO.
N/A

DATE	DESCRIPTION

ST. LOUIS
720 Office, Suite 700
St. Louis, MO 63101
tel 314.986.4881
fax 314.986.4881
O A T E S
ASSOCIATES
MISSOURI DESIGN FIRM
LICENSE NO. 001166
JEFFREY R. RENNING
PROFESSIONAL ENGINEER
LICENSE NO. 2006072376

CITY OF LAKE ST. LOUIS
PUBLIC WORKS DEPARTMENT
307 PARKWAY INDUSTRIAL DRIVE
LAKE ST. LOUIS, MO 63367
TEL 636.695.4221

TRAFFIC CONTROL SHEET
STAGE 2C FREYMUTH RD
SHEET 18 OF 22



STATE OF MISSOURI

MICHAEL D. BUSCH

NUMBER

PE-2006012366

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

Michael D. Busch

DATE PREPARED

5/28/2026

DISTRICT

SL

STATE

MO

SHEET NO.

61

COUNTY

ST. CHARLES

ROUTE

LSL BLVD

OA JOB NO.

223034

PROJECT NO.

STP-5418(625)

BRIDGE NO.

N/A

DATE	DESCRIPTION

ST. LOUIS

720 Office, Suite 700

St. Louis, MO 63101

314.988.8881

ASSOCIATES

O A T E S

MISSOURI DESIGN FIRM

LICENSE NO. 001166

JEFFREY R. RENNING

PROFESSIONAL ENGINEER

LICENSE NO. 2006072376

CITY OF LAKE ST. LOUIS

PUBLIC WORKS DEPARTMENT

307 PARKWAY INDUSTRIAL DRIVE

LAKE ST. LOUIS, MO 63367

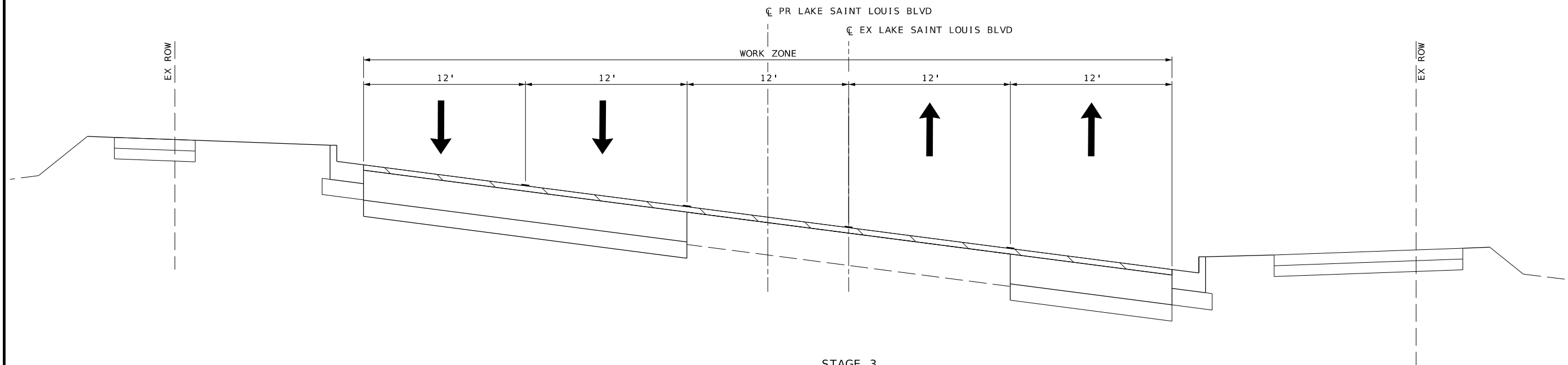
TEL 636.695.4221

TRAFFIC CONTROL SHEET

STAGE 2B DETOUR

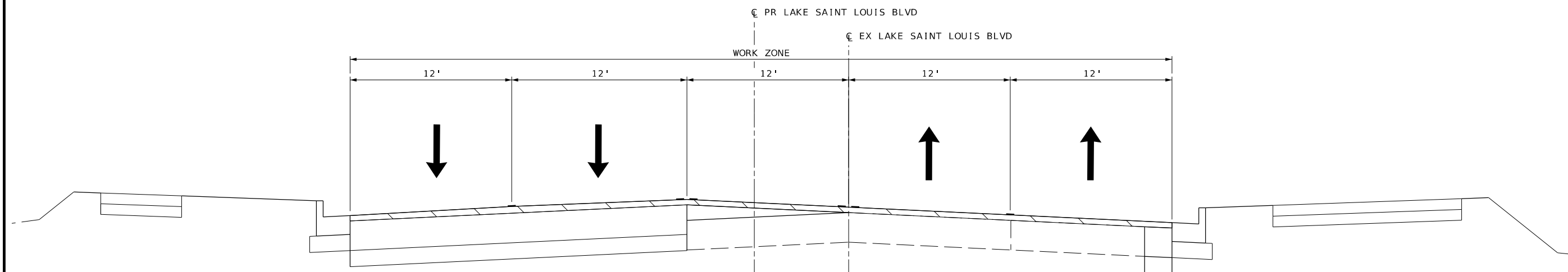
SHEET 19 OF 22

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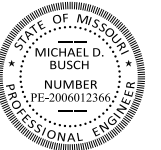
STAGE 3

STA. 60+89 TO STA. 62+82
STA. 71+90 TO STA. 78+15



STAGE 3

STA. 57+50 TO STA. 60+89



THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

Michael D. Busch

DATE PREPARED
5/28/2026

DISTRICT	STATE
SL	MO

SHEET NO.
62
COUNTY

ST. CHARLES

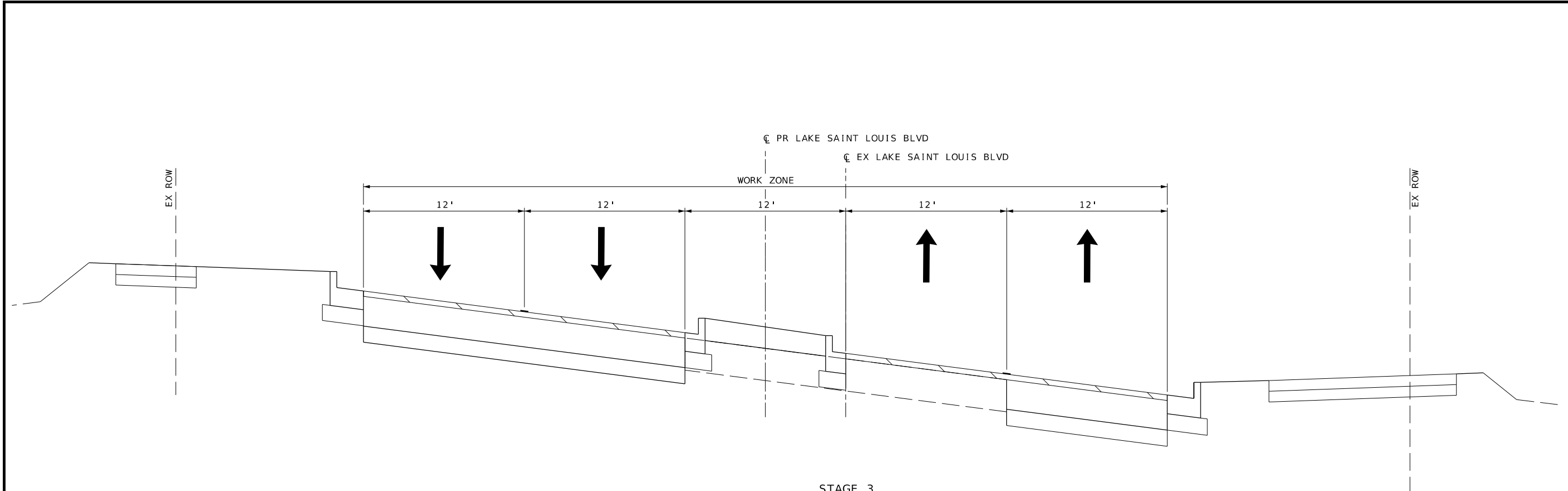
ROUTE
LSL BLVD

QA JOB NO.
223034

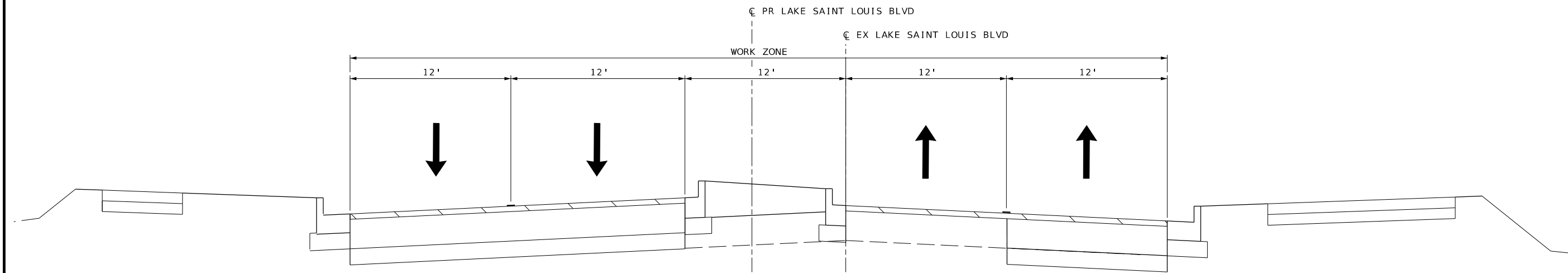
PROJECT NO.
TP-5418(625)

BRIDGE NO.
N/A[illegible]

TRAFFIC CONTROL SHEET
STAGE 3 TYPICALS
SHEET 20 OF 22



STAGE 3
STA. 62+82 TO STA. 68+68



STAGE 3
STA. 68+68 TO STA. 71+90



THIS SHEET HAS BEEN
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ELECTRONICALLY.

Michael D. Busch

DATE PREPARED
5/28/2026

DISTRICT SL STATE MO

SHEET NO.
63

COUNTY
ST. CHARLES

ROUTE
LSL BLVD

OA JOB NO.
223034

PROJECT NO.
STP-5418(625)

BRIDGE NO.
N/A

DATE	DESCRIPTION

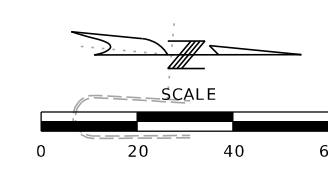
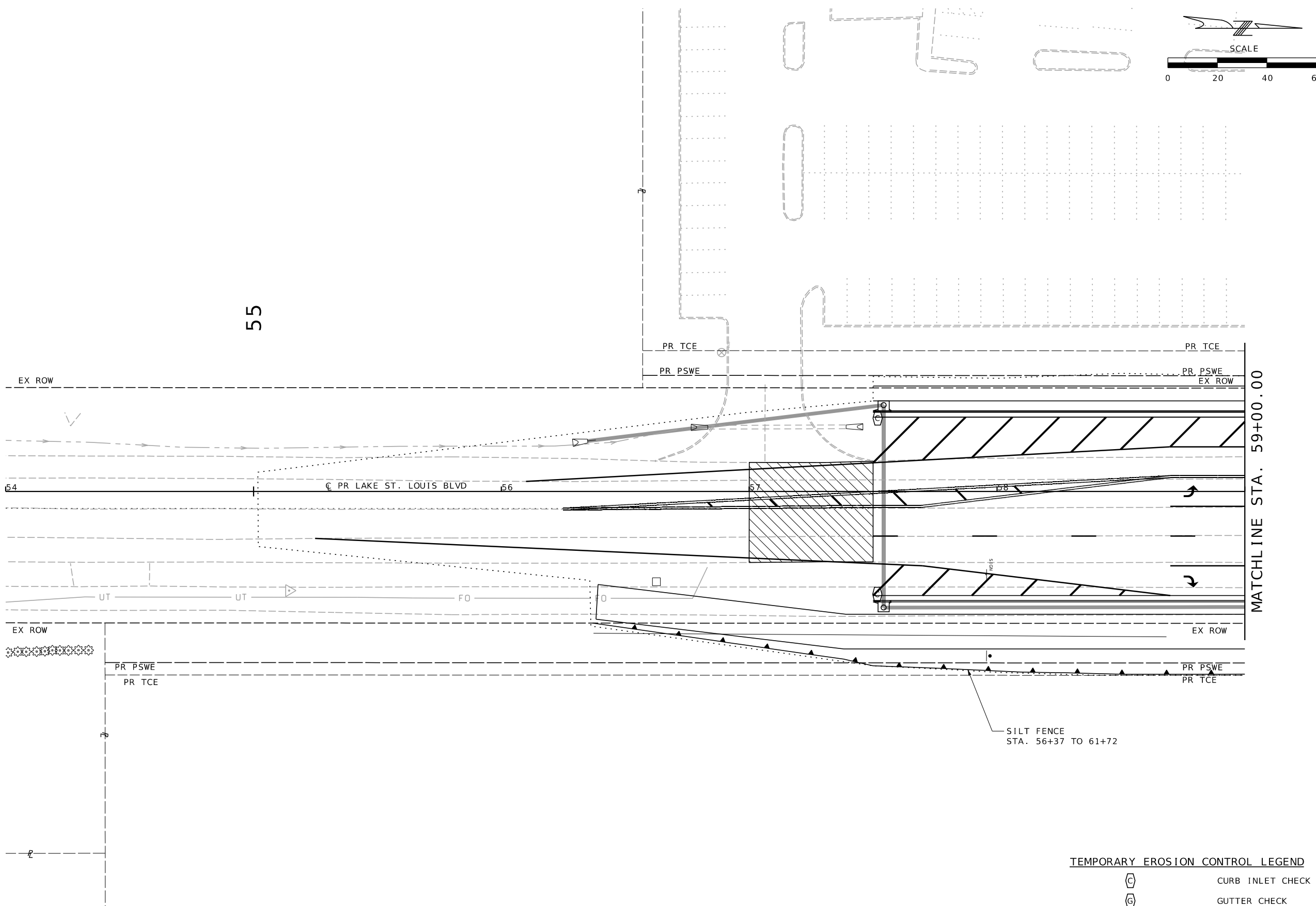
OATES
ASSOCIATES
ST. LOUIS
720 Office, Suite 700
St. Louis, MO 63101
Tel: 314.988.8881

MISSOURI DESIGN FIRM
LICENSE NO. 001166

JEFFREY R. RENSING
PROFESSIONAL ENGINEER
LICENSE NO. 2006072376

CITY OF LAKE ST. LOUIS
PUBLIC WORKS DEPARTMENT
307 PARKWAY INDUSTRIAL DRIVE
LAKE ST. LOUIS, MO 63367
TEL 636.695.4221

TRAFFIC CONTROL SHEET
STAGE 3 TYPICALS
SHEET 21 OF 22



- EROSION CONTROL NOTES:
1. THE CONTRACTOR SHALL PLACE MULCH BEHIND THE SILT FENCE AS A SUPPLEMENTAL BMP. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO AND PART OF PAY ITEM 806-10.19, SILT FENCE.

TEMPORARY EROSION CONTROL LEGEND	
	CURB INLET CHECK
	GUTTER CHECK
	ROCK DITCH CHECK
	SEDIMENT TRAP
	SILT FENCE

STATE OF MISSOURI

MICHAEL D. BUSCH

NUMBER

PE-2006012366

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

Michael D. Busch

DATE PREPARED

5/28/2026

DISTRICT

SL

STATE

MO

SHEET NO.

65

COUNTY

ST. CHARLES

ROUTE

LSL BLVD

DA JOB NO.

223034

PROJECT NO.

STP-5418(625)

BRIDGE NO.

N/A

DATE	DESCRIPTION

ST. LOUIS

720 Office, Suite 700

St. Louis, MO 63101

tel 314.988.8881

O A T E S

ASSOCIATES

MISSOURI DESIGN FIRM

LICENSE NO. 001166

JEFFREY R. RENNING

PROFESSIONAL ENGINEER

LICENSE NO. 2006072376

CITY OF LAKE ST. LOUIS

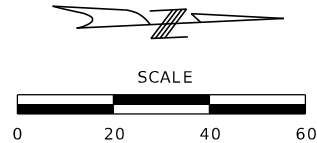
PUBLIC WORKS DEPARTMENT

307 PARKWAY INDUSTRIAL DRIVE

LAKE ST. LOUIS, MO 63367

TEL 636.695.4221

EROSION CONTROL SHEETS
SHEET 1 OF 7

[illegible]

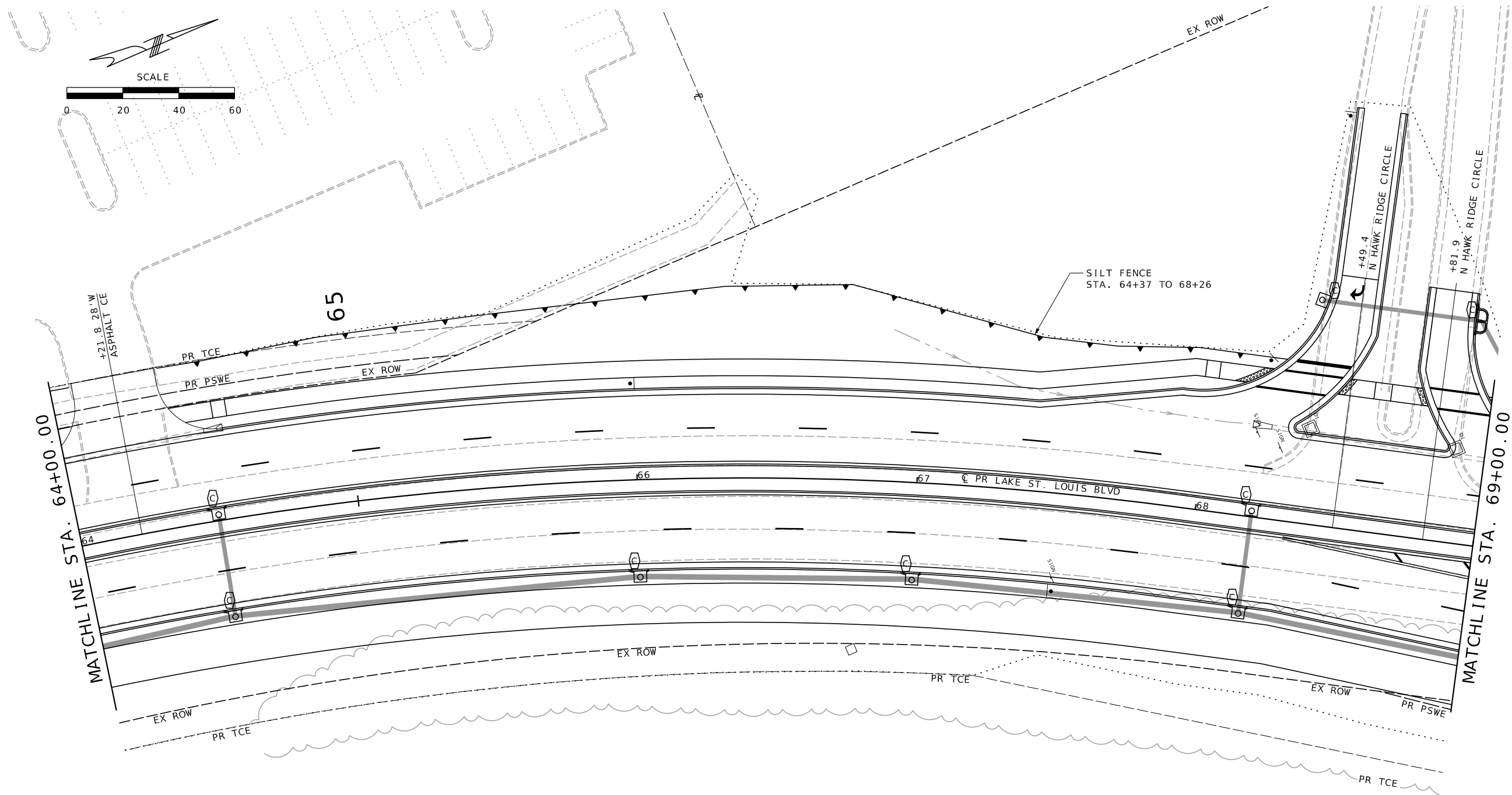
CITY OF LAKE ST. LOUIS
PUBLIC WORKS DEPARTMENT
307 PARKWAY INDUSTRIAL DRIVE
LAKE ST. LOUIS, MO 63567
TEL 636-695-4221

EROSION CONTROL SHEETS
SHEET 2 OF 7

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

- TEMPORARY EROSION CONTROL LEGEND

	CURB INLET CHECK
	GUTTER CHECK
	ROCK DITCH CHECK
	SEDIMENT TRAP
	SILT FENCE



EROSION CONTROL NOTES:

1. THE CONTRACTOR SHALL PLACE MULCH BEHIND THE SILT FENCE AS A SUPPLEMENTAL BMP. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO AND PART OF PAY ITEM 806-10.19, SILT FENCE.

TEMPORARY EROSION CONTROL LEGEND

	CURB INLET CHECK
	GUTTER CHECK
	ROCK DITCH CHECK
	SEDIMENT TRAP
	SILT FENCE



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

Michael D. Busch

DATE PREPARED
5/29/2026

DISTRICT
SL

STATE
MO

SHEET NO.
67

COUNTY
ST. CHARLES

ROUTE
LSL BLVD

DA JOB NO.
223034

PROJECT NO.
STP-5418(625)

BRIDGE NO.
N/A

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

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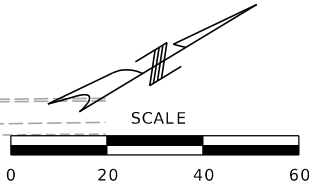
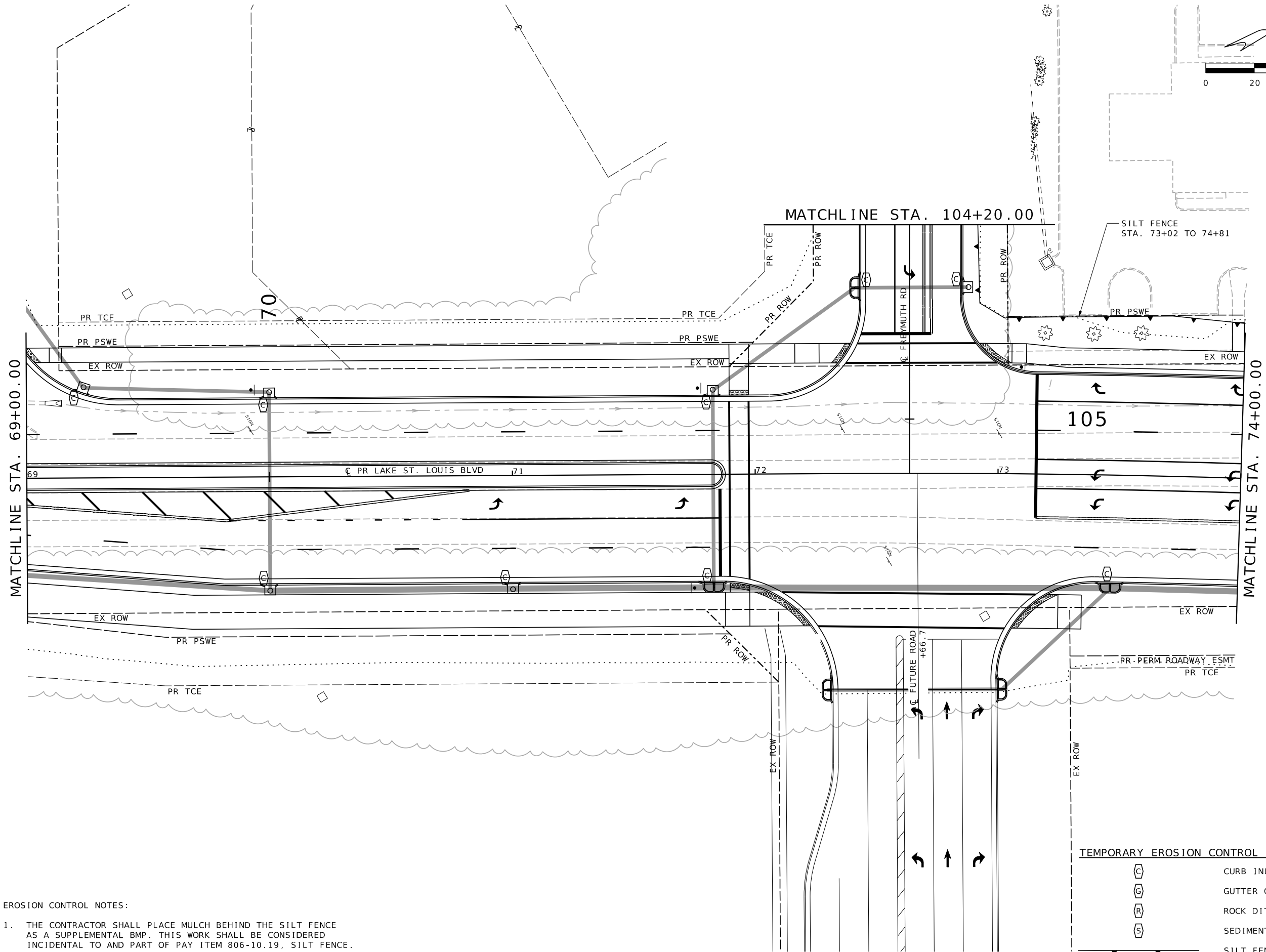
DESCRIPTION

EROSION CONTROL SHEETS
SHEET 3 OF 7

CITY OF LAKE ST. LOUIS
PUBLIC WORKS DEPARTMENT
307 PARKWAY INDUSTRIAL DRIVE
LAKE ST. LOUIS, MO 63367
TEL 636.695.4221

ST. LOUIS
720 Office, Suite 700
St. Louis, MO 63101
TEL 314.986.8881
FAX 314.986.8881
OATES ASSOCIATES
MISSOURI DESIGN FIRM
LICENSE NO. 001166
JEFFREY R. RENSHAW
PROFESSIONAL ENGINEER
LICENSE NO. 2006072376



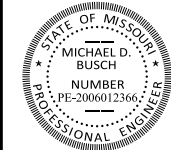


EROSION CONTROL NOTES:

1. THE CONTRACTOR SHALL PLACE MULCH BEHIND THE SILT FENCE AS A SUPPLEMENTAL BMP. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO AND PART OF PAY ITEM 806-10.19, SILT FENCE.

TEMPORARY EROSION CONTROL LEGEND

- | | |
|-----|------------------|
| (C) | CURB INLET CHECK |
| (G) | GUTTER CHECK |
| (R) | ROCK DITCH CHECK |
| (S) | SEDIMENT TRAP |
| --- | SILT FENCE |



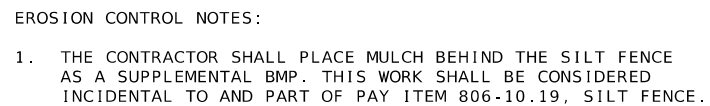
DATE PREPARED
5/28/2026
DISTRICT
SL
STATE
MO
SHEET NO.
68
COUNTY
ST. CHARLES
ROUTE
LSL BLVD
OA JOB NO.
223034
PROJECT NO.
STP-5418(625)
BRIDGE NO.
N/A

DATE	DESCRIPTION

ST. LOUIS
720 Office, Suite 700
St. Louis, MO 63101
tel 314.986.8881
OATES ASSOCIATES
MISSOURI DESIGN FIRM
LICENSE NO. 001166
JEFFREY R. RENNING
PROFESSIONAL ENGINEER
LICENSE NO. 2006072376

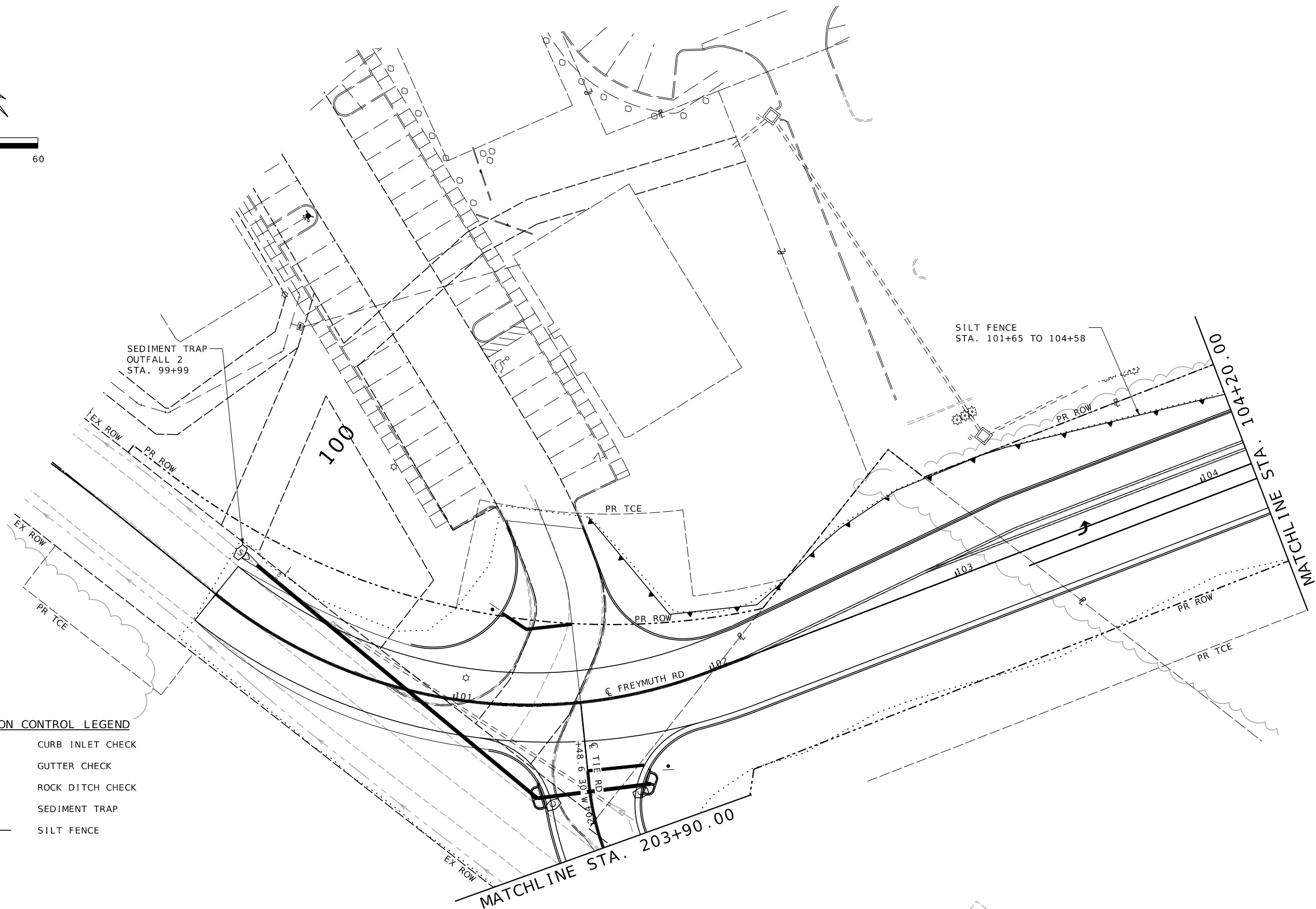
CITY OF LAKE ST. LOUIS
PUBLIC WORKS DEPARTMENT
307 PARKWAY INDUSTRIAL DRIVE
LAKE ST. LOUIS, MO 63367
TEL 636.695.4221

EROSION CONTROL SHEETS
SHEET 4 OF 7

[illegible]

CITY OF LAKE ST. LOUIS
PUBLIC WORKS DEPARTMENT
307 PARKWAY INDUSTRIAL DRIVE
LAKE ST. LOUIS, MO 63367
TEL. 636.695.4221

EROSION CONTROL SHEETS
SHEET 5 OF 7



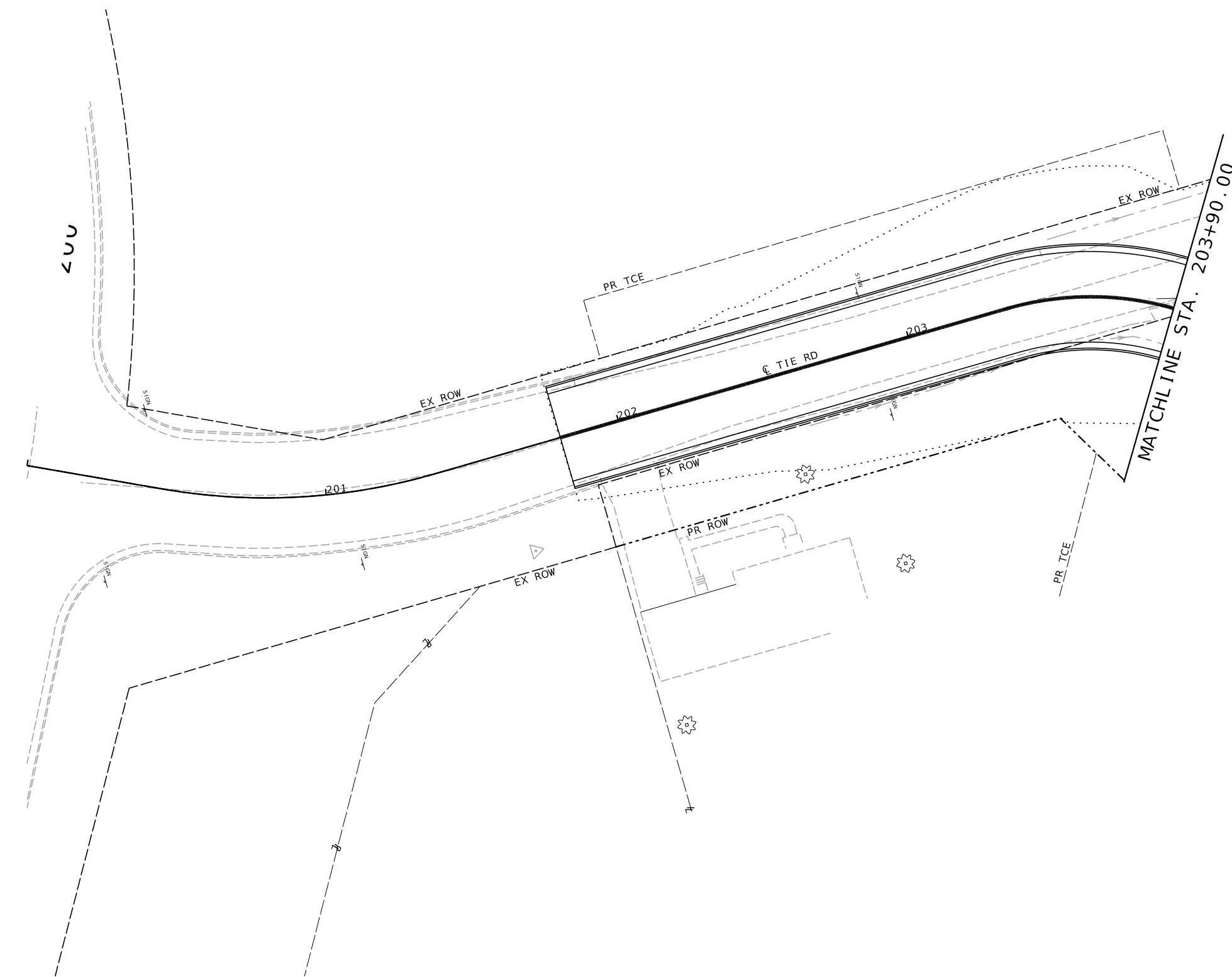
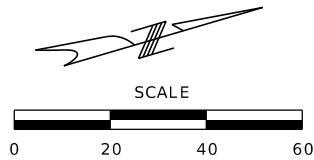
	CURB INLET CHECK
	GUTTER CHECK
	ROCK DITCH CHECK
	SEDIMENT TRAP
	SILT FENCE

1. THE CONTRACTOR SHALL PLACE MULCH BEHIND THE SILT FENCE AS A SUPPLEMENTAL BMP. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO AND PART OF PAY ITEM 806-10.19, SILT FENCE.

EROSION CONTROL SHEETS
SHEET 6 OF 7

EROSION CONTROL NOTES:

1. THE CONTRACTOR SHALL PLACE MULCH BEHIND THE SILT FENCE AS A SUPPLEMENTAL BMP. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO AND PART OF PAY ITEM 806-10.19, SILT FENCE.



TEMPORARY EROSION CONTROL LEGEND	
C	CURB INLET CHECK
G	GUTTER CHECK
R	ROCK DITCH CHECK
S	SEDIMENT TRAP
—▲—▲—	SILT FENCE

STATE OF MISSOURI

MICHAEL D. BUSCH

NUMBER

PE-2006012366

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

Michael D. Busch

DATE PREPARED

5/28/2026

DISTRICT

SL

STATE

MO

SHEET NO.

71

COUNTY

ST. CHARLES

ROUTE

LSL BLVD

OA JOB NO.

223034

PROJECT NO.

STP-5418(625)

BRIDGE NO.

N/A

DATE	DESCRIPTION

ST. LOUIS

720 Office, Suite 700

St. Louis, MO 63101

OFFICE PHONE 314.986.8881

CELL PHONE 314.986.8881

ASSOCIATES

OATES

MISSOURI DESIGN FIRM

LICENSE NO. 001166

JEFFREY R. LENSING

PROFESSIONAL ENGINEER

LICENSE NO. 2006072376

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PUBLIC WORKS DEPARTMENT
307 PARKWAY INDUSTRIAL DRIVE
LAKE ST. LOUIS, MO 63367
TEL 636.695.4221

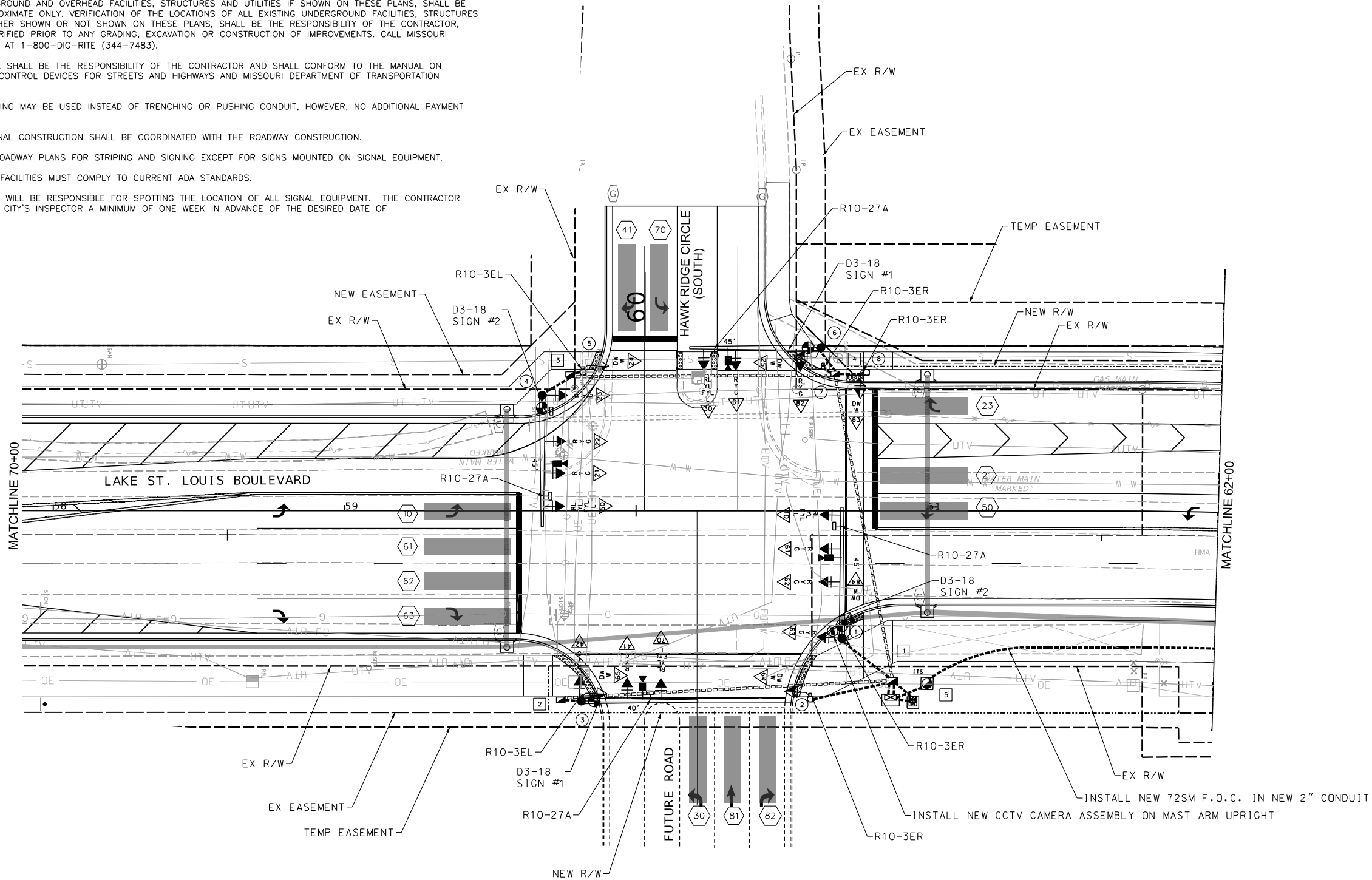
EROSION CONTROL SHEETS
SHEET 7 OF 7

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

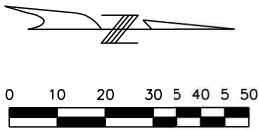
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GENERAL NOTES:

1. THE INSTALLATION OF THE TRAFFIC SIGNALS SHALL BE IN ACCORDANCE WITH THE MISSOURI HIGHWAY AND TRANSPORTATION COMMISSION'S STANDARD SPECIFICATIONS, LATEST EDITION.
2. EXISTING UNDERGROUND AND OVERHEAD FACILITIES, STRUCTURES AND UTILITIES IF SHOWN ON THESE PLANS, SHALL BE CONSIDERED APPROXIMATE ONLY. VERIFICATION OF THE LOCATIONS OF ALL EXISTING UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES, EITHER SHOWN OR NOT SHOWN ON THESE PLANS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, AND SHALL BE VERIFIED PRIOR TO ANY GRADING, EXCAVATION OR CONSTRUCTION OF IMPROVEMENTS. CALL MISSOURI ONE-CALL SYSTEM AT 1-800-DIG-RITE (344-7483).
3. TRAFFIC CONTROL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS AND MISSOURI DEPARTMENT OF TRANSPORTATION STANDARDS.
4. DIRECTIONAL BORING MAY BE USED INSTEAD OF TRENCHING OR PUSHING CONDUIT, HOWEVER, NO ADDITIONAL PAYMENT WILL BE MADE.
5. THE TRAFFIC SIGNAL CONSTRUCTION SHALL BE COORDINATED WITH THE ROADWAY CONSTRUCTION.
6. REFER TO THE ROADWAY PLANS FOR STRIPING AND SIGNING EXCEPT FOR SIGNS MOUNTED ON SIGNAL EQUIPMENT.
7. ALL PEDESTRIAN FACILITIES MUST COMPLY TO CURRENT ADA STANDARDS.
8. THE CONTRACTOR WILL BE RESPONSIBLE FOR SPOTTING THE LOCATION OF ALL SIGNAL EQUIPMENT. THE CONTRACTOR SHALL NOTIFY THE CITY'S INSPECTOR A MINIMUM OF ONE WEEK IN ADVANCE OF THE DESIRED DATE OF INSTALLATION.



10' VERTICAL OR HORIZONTAL CLEARANCE
MUST BE MAINTAINED BETWEEN OHE AND
SIGNAL EQUIPMENT.



DATE PREPARED
6/3/2026

DISTRICT SL STATE MO

SHEET NO.
72

COUNTY
ST. CHARLES

ROUTE
LSL BLVD

OA JOB NO.
223034

PROJECT NO.
STP-5418(625)

BRIDGE NO.
N/A

DATE	DESCRIPTION



TRAFFIC SIGNAL PLAN
LAKE ST. LOUIS BLVD &
HAWK RIDGE CIRCLE (SOUTH)
SHEET 1 OF 20

ALL POWER, VIDEO AND COMMUNICATIONS CABLE FOR THE CCTV CAMERA SYSTEM SHALL BE INCIDENTAL TO THE CCTV CAMERA SYSTEM PAY ITEM.

[illegible]

DATE PREPARED 6/3/2026	
DISTRICT SL	STATE MO
SHEET NO. 76	
COUNTY ST. CHARLES	
ROUTE LSL BLVD	
OA JOB NO. 223034	
PROJECT NO. STP-5418 (625)	
BRIDGE NO. N/A	

[illegible]

- (1) MODOT "D" PLUG SHALL BE WIRED INTO ALL NEMA CONTROLLERS.
- (2) PAYMENT IS MADE FOR THE NUMBER OF 2-CHANNEL DETECTOR CARDS AS SHOWN BELOW THE ASSIGNMENT CHART.
- (3) THE PEDESTRIAN PUSHBUTTONS SHALL BE ADA COMPLIANT AND SHALL BE MOUNTED 42" ABOVE THE PEDESTRIAN PATH. PUSHBUTTON-INTEGRATED AUDIBLE PEDESTRIAN SYSTEM (APS) SHALL HAVE A SPEAKER AND VIBRATING SURFACE WITH ARROW ON ALL BUTTONS. ALL ADDITIONAL CABLES, MOUNTING HARDWARE, CENTRAL PROCESSING UNIT, AND MISCELLANEOUS EQUIPMENT NECESSARY FOR A COMPLETELY FUNCTIONAL APS SYSTEM WILL BE CONSIDERED INCIDENTAL TO THE APS SYSTEM. INSTALLATION AND PROGRAMMING OF THE APS EQUIPMENT SHALL COMPLY WITH SECTION 41 OF THE MUTCD, 11TH EDITION. REFER TO JSP.
- (4) CONTRACTOR SHALL PROVIDE AND INSTALL POWER SUPPLY CABINET FOR 120 VOLT SIGNAL AND 120 VOLT MAST ARM LIGHTING, WITH INTEGRATED UPS FOR SIGNALS.
- (5) THE CONTRACTOR SHALL FURNISH AND INSTALL A COMPLETE VIDEO DETECTION SYSTEM, 4 CAMERAS W/ENCLOSURES, MOUNTING HARDWARE/BRACKETS, TERMINATION PANELS, POWER AND COMMUNICATION CABLES, PROCESSORS, AND MISCELLANEOUS EQUIPMENT NECESSARY FOR A FULLY OPERATIONAL VIDEO DETECTION SYSTEM. THE CONTRACTOR SHALL ALSO FURNISH AND INSTALL ALL NECESSARY EQUIPMENT TO ENSURE THAT THE VIDEO DETECTION SYSTEM IS CAPABLE OF EXPORTING BOTH VIDEO AND CONTROL TO THE GGL NETWORK. THIS WILL BE A COMPLETE UNIT WITH ALL COSTS INCLUDED.
- (6) THE CABINET SETUP SHALL BE TS2-TYPE1 WITH AN ETHERNET ENABLED ECONOLITE COBALT SIGNAL CONTROLLER WITH EOS FIRMWARE, RUNNING THE NTCP PROTOCOL FOR COMPATIBILITY WITH THE GGL NETWORK. THE CABINET SHALL BE FITTED WITH A MANAGED NETWORK SWITCH, MMU2, AND AUXILIARY BREAKER.
- (7) SEE COMMUNICATION PLANS FOR FIBER SPLICING AND CABINET DETAILS.
- (8) THE SIGNAL POLE MOUNTED CCTV ASSEMBLY SHALL BE COMPATIBLE WITH THE GGL NETWORK AND INSTALLED AS NOTED IN THE PLANS. ALL MOUNTING HARDWARE, EQUIPMENT, AND CABLES WILL BE CONSIDERED INCIDENTAL TO THE CCTV PAY ITEM.

NEMA LOAD SWITCH ASSIGNMENTS															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Ø1 NLB	Ø2 SB	Ø3 WBL	Ø4 EB	Ø5 SBL	Ø6 NB	Ø7 EBL	Ø8 WB	Ø9 NLB FYA	Ø10 WBL FYA	Ø11 SBL FYA	Ø12 EBL FYA	2P W. SIDE	4P N/U	6P E. SIDE	8P N. SIDE



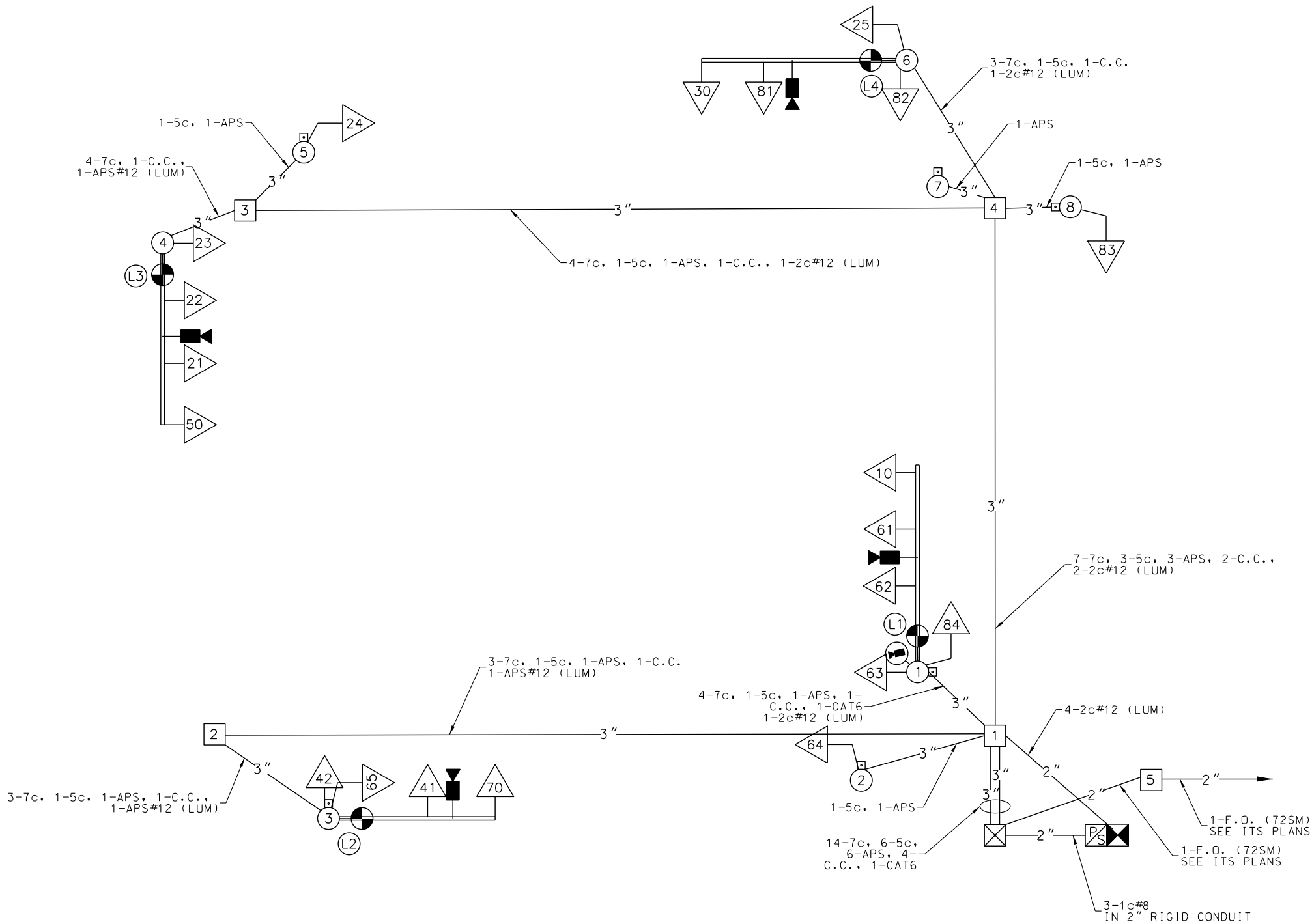
CITY OF LAKE ST. LOUIS
PUBLIC WORKS DEPARTMENT
300 LAKE ST. LOUIS, MO 63067
LAKE ST. TEL. 636-695-4221



**TRANSPORTATION
ENGINEERS-PLANNERS**
 10000 W. 10TH AVE.
 SUITE 200
 ST. LOUIS, MO 63141
 TEL. 636-695-4221
www.cbamp.com
 MCDERMOTT ENGINEERING CORPORATION
 10000 W. 10TH AVE. SUITE 200
 ST. LOUIS, MO 63141
 TEL. 636-695-4221
www.mcd.com

TRAFFIC SIGNAL PLAN 37C
LAKE ST. LOUIS BLVD &
HAWK RIDGE CIRCLE (SOUTH)
SHEET 7 OF 20

WIRING DIAGRAM



LEGEND

X" CONDUIT CONTAINING CABLE WITH SIZE

CABLE

X-Xc MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)

LIC #14 AWG DETECTOR LEAD-IN CABLE (APS TWISTED SHIELDED)

CC CAMERA CABLE

X PULL BOX WITH NUMBER

X POST WITH NUMBER

X POST WITH MAST ARM

X POST WITH MAST ARM AND LUMINAIRE

X DETECTOR WITH NUMBER

X SIGNAL HEAD WITH NUMBER

X SIGNAL CONTROLLER

POWER SOURCE

LIGHTING CONTROLLER

PS POWER SUPPLY

VIDEO DETECTION CAMERA

CCTV CAMERA

PREEMPTION DETECTOR

PEDESTAL MOUNT PREEMPTION CONTROL CABINET

S SENSYS DETECTOR NODE

R SENSYS REPEATER

A SENSYS ACCESS POINT

*DASHED OR GRAY LINES INDICATE EXISTING EQUIPMENT



DATE PREPARED
6/3/2026

DISTRICT SL STATE MO

SHEET NO.
77

COUNTY
ST. CHARLES

ROUTE
LSL BLVD

DA JOB NO.
223034

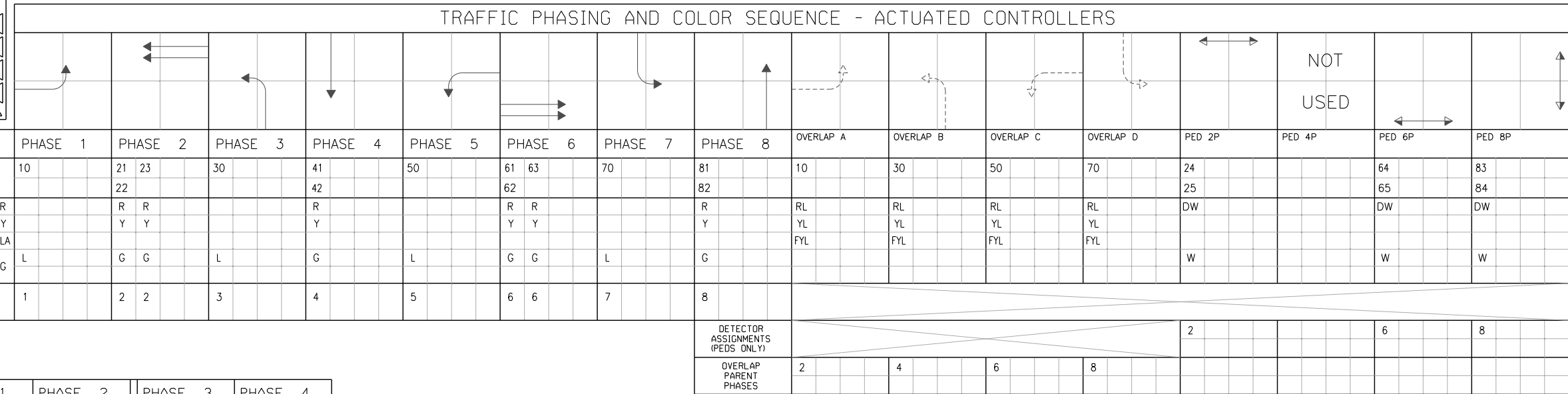
PROJECT NO.
STP-5418(625)

BRIDGE NO.
N/A

DESCRIPTION	DATE



TRAFFIC SIGNAL PLAN
LAKE ST., LOUIS BLVD &
HAWK RIDGE CIRCLE (SOUTH)
SHEET 8 OF 20



IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

FLASHING OPERATION	
LAKE ST. LOUIS BLVD	FR
HAWK RIDGE CIRCLE	FR
CONTROLLER TYPE	NEMA 8 PHASE

LEGEND

—▶— ACTUATED VEHICULAR MOVEMENT
—▷— PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
—▷— NON-ACTUATED VEHICULAR MOVEMENT
—▷— PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
—▶— ACTUATED PEDESTRIAN MOVEMENT
—▷— NON-ACTUATED PEDESTRIAN MOVEMENT
—|— VEHICLE STOPPED

FDW — FLASHING DON'T WALK
R/W — RIGHT OF WAY INTERVAL
DW — DON'T WALK
RRt — RED RIGHT ARROW
YRt — YELLOW RIGHT ARROW
RT. — GREEN RIGHT ARROW
W — WALK
RL — RED LEFT ARROW
YL — YELLOW LEFT ARROW
L — GREEN LEFT ARROW
S — GREEN STRAIGHT AHEAD ARROW
G — CIRCULAR GREEN
Y — CIRCULAR YELLOW
R — CIRCULAR RED
Ø — TRAFFIC PHASE
AO — ALL OTHERS
FR — FLASHING RED
FY — FLASHING YELLOW
FYA — FLASHING ARROW INDICATION
FYL — FLASHING YELLOW LEFT
FYR — FLASHING YELLOW RIGHT

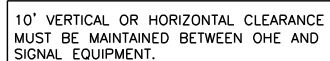


DATE PREPARED 6/3/2026	
DISTRICT SL	STATE MO
SHEET NO. 78	
COUNTY ST. CHARLES	
ROUTE LSL BLVD	
OA JOB NO. 223034	
PROJECT NO. STP-5418 (625)	
BRIDGE NO. N/A	

[illegible]

TRAFFIC SIGNAL PLAN D38A
LAKE ST. LOUIS BLVD &
HAWK RIDGE CIRCLE (SOUTH)
SHEET 9 OF 20

1. THE INSTALLATION OF THE TRAFFIC SIGNALS SHALL BE IN ACCORDANCE WITH THE MISSOURI HIGHWAY AND TRANSPORTATION COMMISSION'S STANDARD SPECIFICATIONS, LATEST EDITION.
2. EXISTING UNDERGROUND AND OVERHEAD FACILITIES, STRUCTURES AND UTILITIES IF SHOWN ON THESE PLANS, SHALL BE CONSIDERED APPROXIMATE ONLY. VERIFICATION OF THE LOCATIONS OF ALL EXISTING UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES, EITHER SHOWN OR NOT SHOWN ON THESE PLANS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, AND SHALL BE VERIFIED PRIOR TO ANY GRADING, EXCAVATION OR CONSTRUCTION OF IMPROVEMENTS. CALL MISSOURI ONE-CALL SYSTEM AT 1-800-DIG-RITE (344-7483).
3. TRAFFIC CONTROL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS AND MISSOURI DEPARTMENT OF TRANSPORTATION STANDARDS.
4. DIRECTIONAL BORING MAY BE USED INSTEAD OF TRENCHING OR PUSHING CONDUIT, HOWEVER, NO ADDITIONAL PAYMENT WILL BE MADE.
5. THE TRAFFIC SIGNAL CONSTRUCTION SHALL BE COORDINATED WITH THE ROADWAY CONSTRUCTION.
6. REFER TO THE ROADWAY PLANS FOR STRIPING AND SIGNING EXCEPT FOR SIGNS MOUNTED ON SIGNAL EQUIPMENT.
7. ALL PEDESTRIAN FACILITIES MUST COMPLY TO CURRENT ADA STANDARDS.
8. THE CONTRACTOR WILL BE RESPONSIBLE FOR SPOTTING THE LOCATION OF ALL SIGNAL EQUIPMENT. THE CONTRACTOR SHALL NOTIFY THE CITY'S INSPECTOR A MINIMUM OF ONE WEEK IN ADVANCE OF THE DESIRED DATE OF INSTALLATION.



DATE PREPARED 6/3/2026	
TRICT SL	STATE MO
SHEET NO. 81	
COUNTY CHARLES	
ROUTE SL BLVD	
OA JOB NO. 223034	
PROJECT NO. P-5418 (625)	
BRIDGE NO. N/A	

[illegible]

TRAFFIC SIGNAL PLAN
LAKE ST. LOUIS BLVD &
FREYMUTH LN
SHEET 10 OF 20

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

NOTES:

ONE TYPE C OR CL POST PER
A-ARM. PAY FOR POST BASED
ON LENGTH OF A-ARM.

ONE TYPE B OR BL POST PER
SET OF E & K-ARMS. PAY FOR
POST BASED ON THE LONGEST
ARM OF EACH E & K-ARM SET.

TABULATE THE NUMBER OF
POSTS NEEDED AT THE
BOTTOM OF THE TABLE.

SEE SHEET D-37C FOR
SIGNAL SIGNS.

[illegible]

LEGEND

YRt	–	YELLOW RIGHT ARROW
Rt	–	GREEN RIGHT ARROW
RL	–	RED LEFT ARROW
L	–	GREEN LEFT ARROW
S	–	GREEN STRAIGHT ARROW
G	–	CIRCULAR GREEN
Y	–	CIRCULAR YELLOW
R	–	CIRCULAR RED
RL	–	RED LEFT ARROW
FYL	–	FLASHING YELLOW LEFT ARROW
FYRt	–	FLASHING YELLOW RIGHT ARROW
T	–	TOP MOUNT
S	–	SIDE MOUNT
C	–	SPANWIRE MOUNT
B	–	MAST ARM MOUNT

SPAN WIRE CABLE SPANS				
SPAN NUMBER	FROM POST	TO POST	SINGLE MESSENGER ASSEMBLY (LIN. FT.)	MESSENGER ASSEMBLY WITH TETHER (LIN. FT.)
SUBTOTAL				
TOTAL				

[illegible]

ALL POWER, VIDEO AND COMMUNICATIONS CABLE FOR THE CCTV CAMERA SYSTEM SHALL BE INCIDENTAL TO THE CCTV CAMERA SYSTEM PAY ITEM.

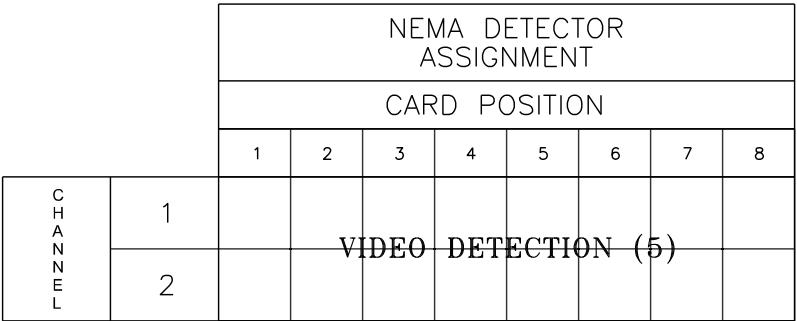
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DATE PREPARED 6/3/2026	
DISTRICT SL	STATE MO
SHEET NO. 85	
COUNTY ST. CHARLES	
ROUTE LSL BLVD	
OA JOB NO. 223034	
PROJECT NO. STP-5418 (625)	
BRIDGE NO. N/A	

[illegible]

DETECTOR SCHEDULE						
DETECTOR NUMBER	APPROACH	TYPE				VIDEO
		PUSH BUTTON(3)	INDUCTION LOOP (2)			
			STANDARD	DELAY/ EXTEND*	CALL UNIT*	
ALL VEHICLE						1 (5)(8)
24	LSL BLVD	1				
25	LSL BLVD	1				
63	LSL BLVD	1				
64	LSL BLVD	1				
83	HAWK RIDGE	1				
84	HAWK RIDGE	1				
TOTAL		6				

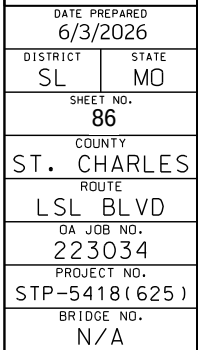
- CBB**
TRANSPORTATION
ENGINEERS & PLANNERS
22200 CUPERTINO DRIVE, SUITE 400
COLUMBIANA, OHIO 43081
614.878.6444
www.cbbinc.com



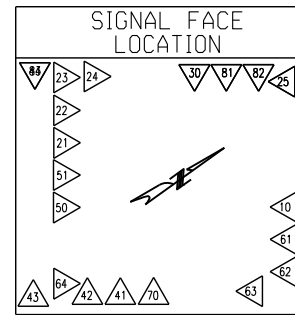
NEMA LOAD SWITCH ASSIGNMENTS															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Ø1 NBL	Ø2 SB	Ø3 WBL	Ø4 EB	Ø5 SBL	Ø6 NB	Ø7 EBL	Ø8 WB	Ø9 N/U	Ø10 WBL FYA	Ø11 N/U	Ø12 EBL FYA	2P W. SIDE	4P S. SIDE	6P E. SIDE	8P N/U

[illegible]

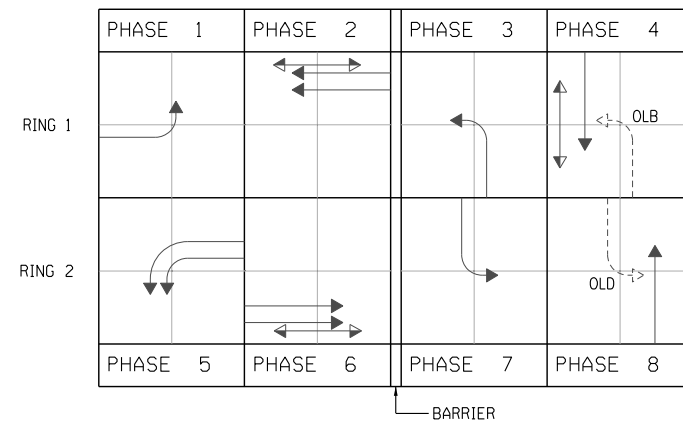
LEGEND	
	CONDUIT CONTAINING CABLE WITH SIZE
	CABLE
$X-X_c$	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
LIC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
CC	CAMERA CABLE
	PULL BOX WITH NUMBER
	POST WITH NUMBER
	POST WITH MAST ARM
	POST WITH MAST ARM AND LUMINAIRE
	DETECTOR WITH NUMBER
	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SOURCE
	LIGHTING CONTROLLER
	POWER SUPPLY
	VIDEO DETECTION CAMERA
	CCTV CAMERA
	PREEMPTION DETECTOR
	PEDESTAL MOUNT PREEMPTION CONTROL CABINET
	SENSYS DETECTOR NODE
	SENSYS REPEATER
	SENSYS ACCESS POINT

[illegible]

TRAFFIC SIGNAL PLAN D37D
LAKE ST. LOUIS BLVD &
FREYMUTH LN
SHEET 15 OF 20



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IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

FLASHING OPERATION	
LAKE ST. LOUIS BLVD	FR
FREYMUTH	FR
CONTROLLER TYPE	NEMA 8 PHASE

LEGEND

—▶— ACTUATED VEHICULAR MOVEMENT
—▷— PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
—▷— NON-ACTUATED VEHICULAR MOVEMENT
—▷— PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
—▶— ACTUATED PEDESTRIAN MOVEMENT
—▷— NON-ACTUATED PEDESTRIAN MOVEMENT
—|— VEHICLE STOPPED

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R/W — RIGHT OF WAY INTERVAL
DW — DON'T WALK
RRt — RED RIGHT ARROW
YRt — YELLOW RIGHT ARROW
RT. — GREEN RIGHT ARROW
W — WALK
RL — RED LEFT ARROW
YL — YELLOW LEFT ARROW
L — GREEN LEFT ARROW
S — GREEN STRAIGHT AHEAD ARROW
G — CIRCULAR GREEN
Y — CIRCULAR YELLOW
R — CIRCULAR RED
Ø — TRAFFIC PHASE
AO — ALL OTHERS
FR — FLASHING RED
FY — FLASHING YELLOW
FYA — FLASHING ARROW INDICATION
FYL — FLASHING YELLOW LEFT
FYR — FLASHING YELLOW RIGHT



DATE PREPARED
6/3/2026

DISTRICT	STATE
SL	MO

SHEET NO.
87

COUNTY
• CHARLES

ROUTE
SL BLVD

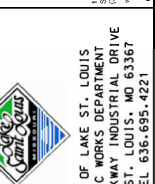
OA JOB NO.
223034

PROJECT NO.
P-5418(625)

BRIDGE NO.
N/A[illegible]

CBB
**TRANSPORTATION
ENGINEERS+PLANNERS**
2180 O.P. BLVD., SUITE 430
ST. LOUIS, MO 63141
LOCATIONS IN ST. LOUIS, MO,
CHICAGO, IL
616.414.8766
www.cbbill.com

MISSOURI STATE ENGINEERING CORPORATION
CERTIFICATE OF AUTHORITY #000381 • EXP DEC 31, 2026



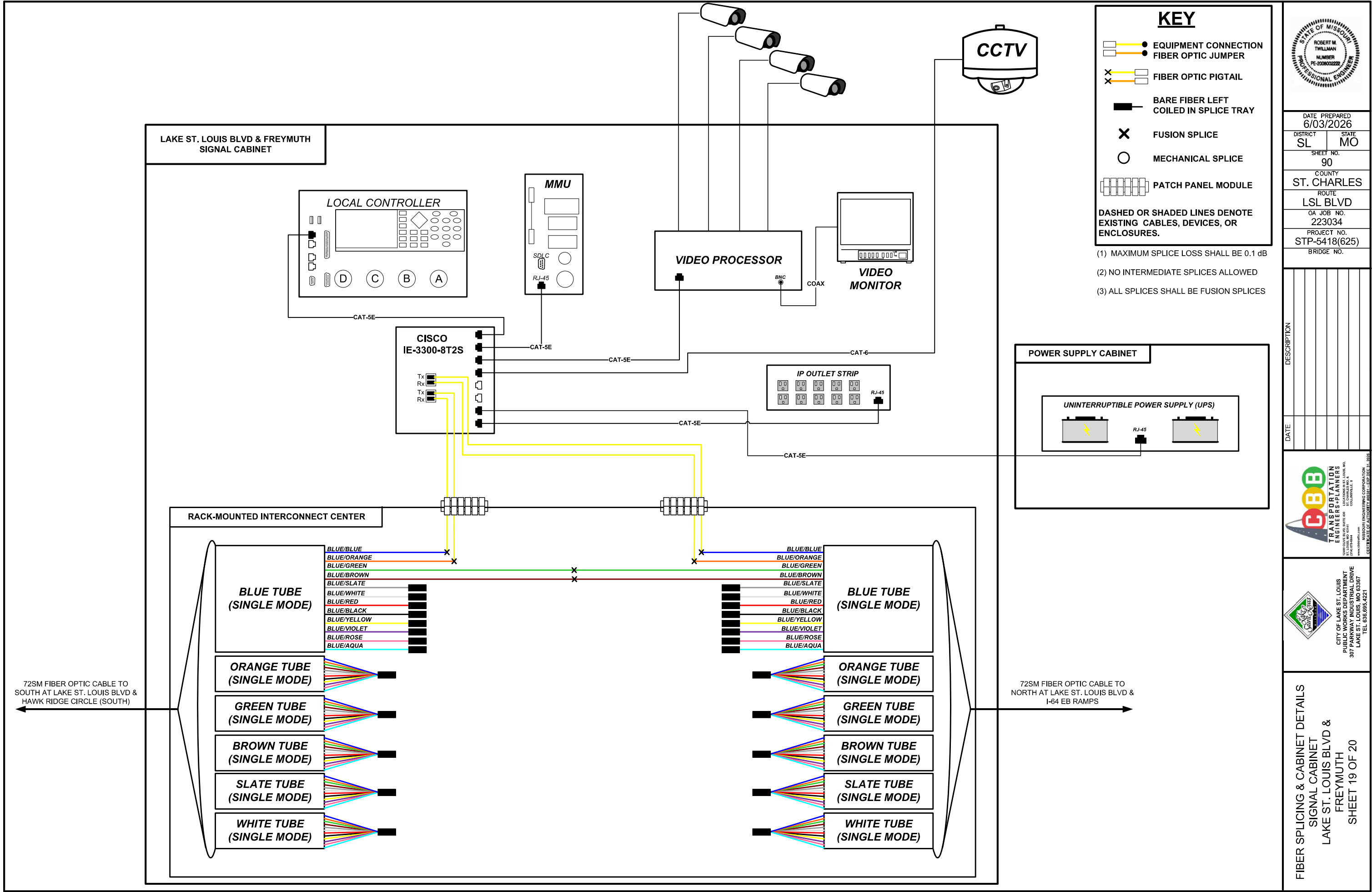
CITY OF LAKE ST. LOUIS
PUBLIC WORKS DEPARTMENT
307 PARKWAY INDUSTRIAL DRIVE
LAKE ST. LOUIS, MO 63367
TEL 636.695.4221

TRAFFIC SIGNAL PLAN D38A
LAKE ST. LOUIS BLVD &
FREYMUTH LN
SHEET 16 OF 20

- | ITS SCHEDULE OF QUANTITIES | | |
|--|---------|------|
| Item Description | Unit | Qty |
| CONDUIT, 2" IN TRENCH WITH TRACER WIRE | LIN.FT. | 1219 |
| CONDUIT, 2" PUSHED WITH TRACER WIRE | LIN.FT. | 1312 |
| PREFORMED, PULL BOX CLASS 2 | EACH | 4 |
| PREFORMED, PULL BOX CLASS 5 | EACH | 2 |
| CCTV CAMERA ASSEMBLY | EACH | 2 |
| FIELD HARDENED MANAGED NETWORK SWITCH (CISCO IE-3300-8T2S) | EACH | 2 |
| DRILL EXISTING PULL BOX | EACH | 1 |
| CAT 6 (POE), OUTDOOR RATED CABLE (INCIDENTAL TO CCTV) | LIN.FT. | 1700 |
| FIBER OPTIC CABLE, 72 SM (INCL. FUSION SPLICES & TERMINATIONS) | LIN.FT. | 3180 |
| | | |
| | | |
| | | |
| | | |

CCTV MOUNTING ON TYPE CL/BL
SIGNAL POLE

[illegible]



STATE OF MISSOURI

MICHAEL D. BUSCH

NUMBER

PE-2006012366

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

Michael D. Busch

DATE PREPARED

5/28/2026

DISTRICT

SL

STATE

MO

SHEET NO.

92

COUNTY

ST. CHARLES

ROUTE

LSL BLVD

DA JOB NO.

223034

PROJECT NO.

STP-5418(625)

BRIDGE NO.

N/A

DATE	DESCRIPTION

ST. LOUIS

720 Office, Suite 700

St. Louis, MO 63101

tel 314.988.8881

ASSOCIATES

OATES

MISSOURI DESIGN FIRM

LICENSE NO. 001166

JEFFREY R. RENNING

PROFESSIONAL ENGINEER

LICENSE NO. 2006072376

CITY OF LAKE ST. LOUIS

PUBLIC WORKS DEPARTMENT

307 PARKWAY INDUSTRIAL DRIVE

LAKE ST. LOUIS, MO 63367

TEL 636.695.4221

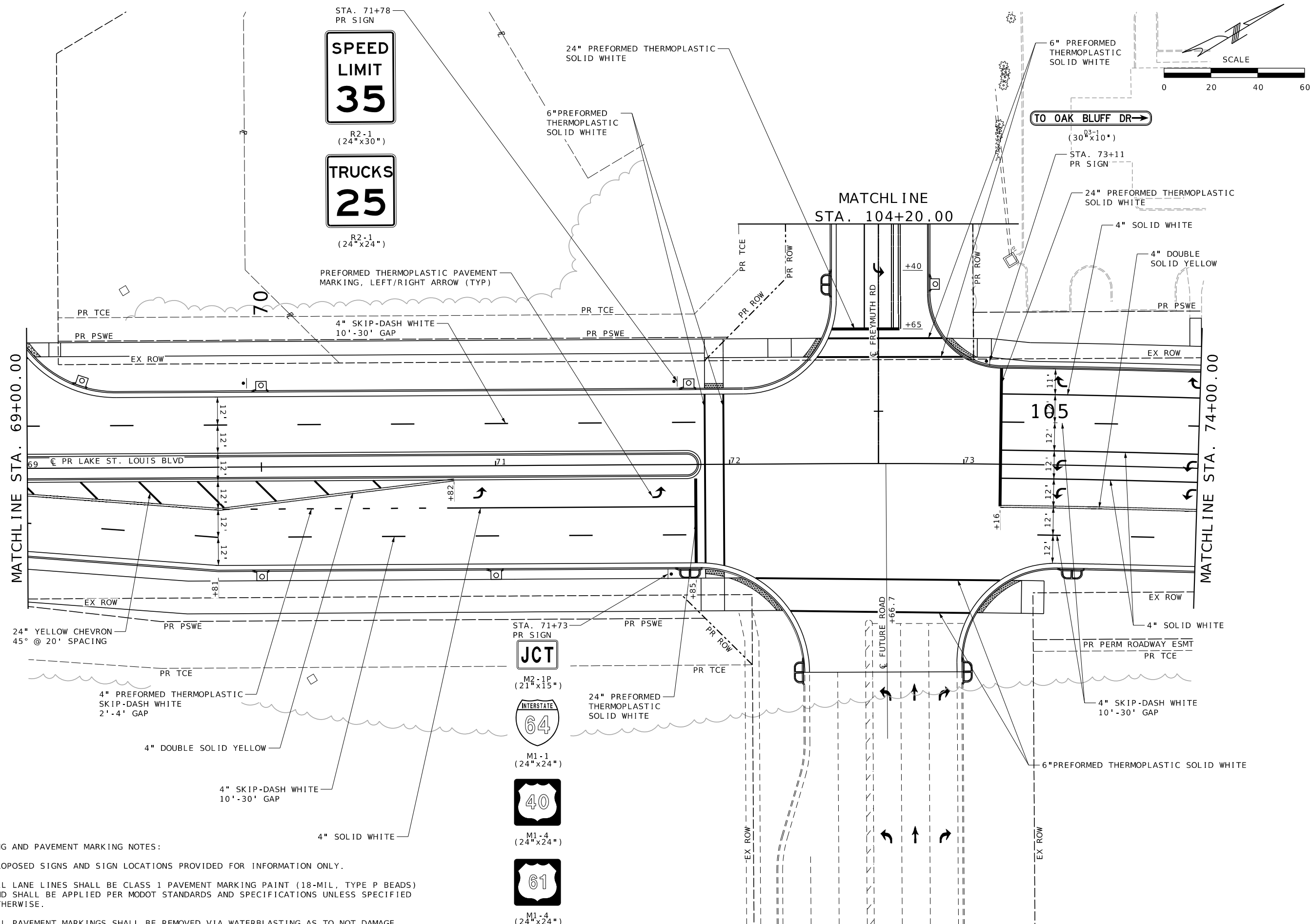
PAVEMENT MARKING AND SIGNAGE SHEETS
SHEET 1 OF 9

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

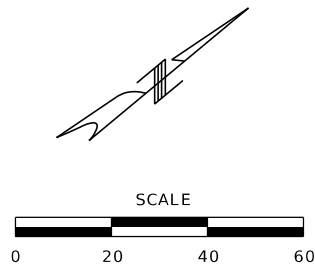
SIGNING AND PAVEMENT MARKING NOTES:

1. PROPOSED SIGNS AND SIGN LOCATIONS PROVIDED FOR INFORMATION ONLY.
2. ALL LANE LINES SHALL BE CLASS 1 PAVEMENT MARKING PAINT (18-MIL, TYPE P BEADS) AND SHALL BE APPLIED PER MODOT STANDARDS AND SPECIFICATIONS UNLESS SPECIFIED OTHERWISE.
3. ALL PAVEMENT MARKINGS SHALL BE REMOVED VIA WATERBLASTING AS TO NOT DAMAGE THE EXISTING PAVEMENT SURFACE.

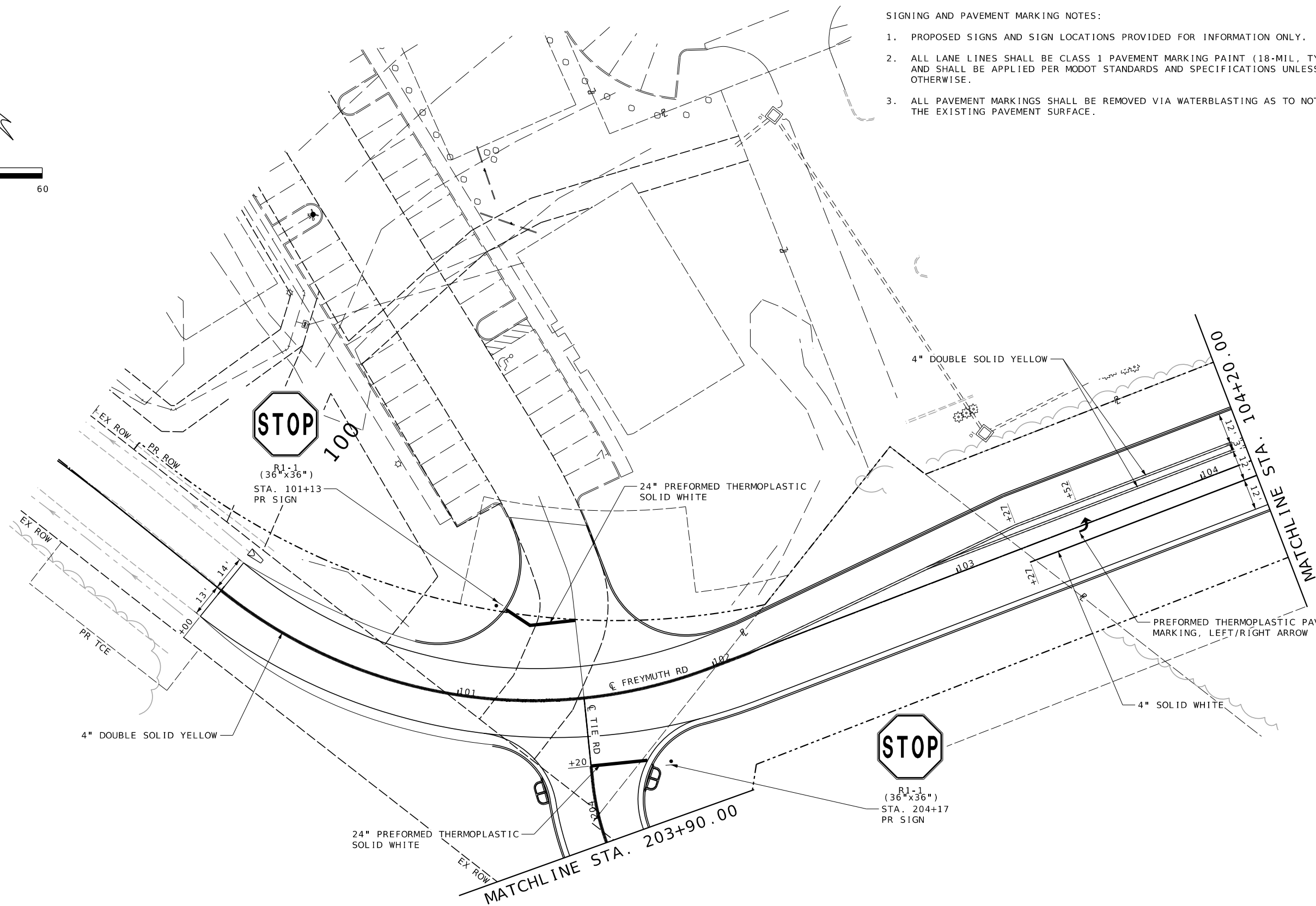
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SIGNING AND PAVEMENT MARKING NOTES:



- [illegible]



1. PROPOSED SIGNS AND SIGN LOCATIONS PROVIDED FOR INFORMATION ONLY.
2. ALL LANE LINES SHALL BE CLASS 1 PAVEMENT MARKING PAINT (18-MIL, TYPE P BEADS) AND SHALL BE APPLIED PER MODOT STANDARDS AND SPECIFICATIONS UNLESS SPECIFIED OTHERWISE.
3. ALL PAVEMENT MARKINGS SHALL BE REMOVED VIA WATERBLASTING AS TO NOT DAMAGE THE EXISTING PAVEMENT SURFACE.

[illegible]

ST. LOUIS
720 Olive, Suite 700
St. Louis, MO 63101
tel 314.598.8381

MISSOURI DESIGN FIRM
LICENSE NO. 001166

JEFFREY R. RENISING
PROFESSIONAL ENGINEER
LICENSE NO. 2006012376



CITY OF LAKE ST. LOUIS
PUBLIC WORKS DEPARTMENT
307 PARKWAY INDUSTRIAL DRIVE
LAKE ST. LOUIS, MO 63367
TEL 636.695.4221

PAVEMENT MARKING AND
SIGNAGE SHEETS
SHEET 7 OF 9

THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER
PE-2006012366
PROFESSIONAL ENGINEER

Michael D. Busch

DATE PREPARED
5/28/2026

DISTRICT
SL

STATE
MO

SHEET NO.
99

COUNTY
ST. CHARLES

ROUTE
LSL BLVD

OA JOB NO.
223034

PROJECT NO.
STP-5418(625)

BRIDGE NO.
N/A

DATE	DESCRIPTION

ST. LOUIS
720 Office, Suite 700
St. Louis, MO 63101
tel 314.986.8881

OATES
A S S O C I A T E S

MISSOURI DESIGN FIRM
LICENSE NO. 001166

JEFFREY R. RENSING
PROFESSIONAL ENGINEER
LICENSE NO. 2006072376



CITY OF LAKE ST. LOUIS
PUBLIC WORKS DEPARTMENT
307 PARKWAY INDUSTRIAL DRIVE
LAKE ST. LOUIS, MO 63367
TEL 636.695.4221

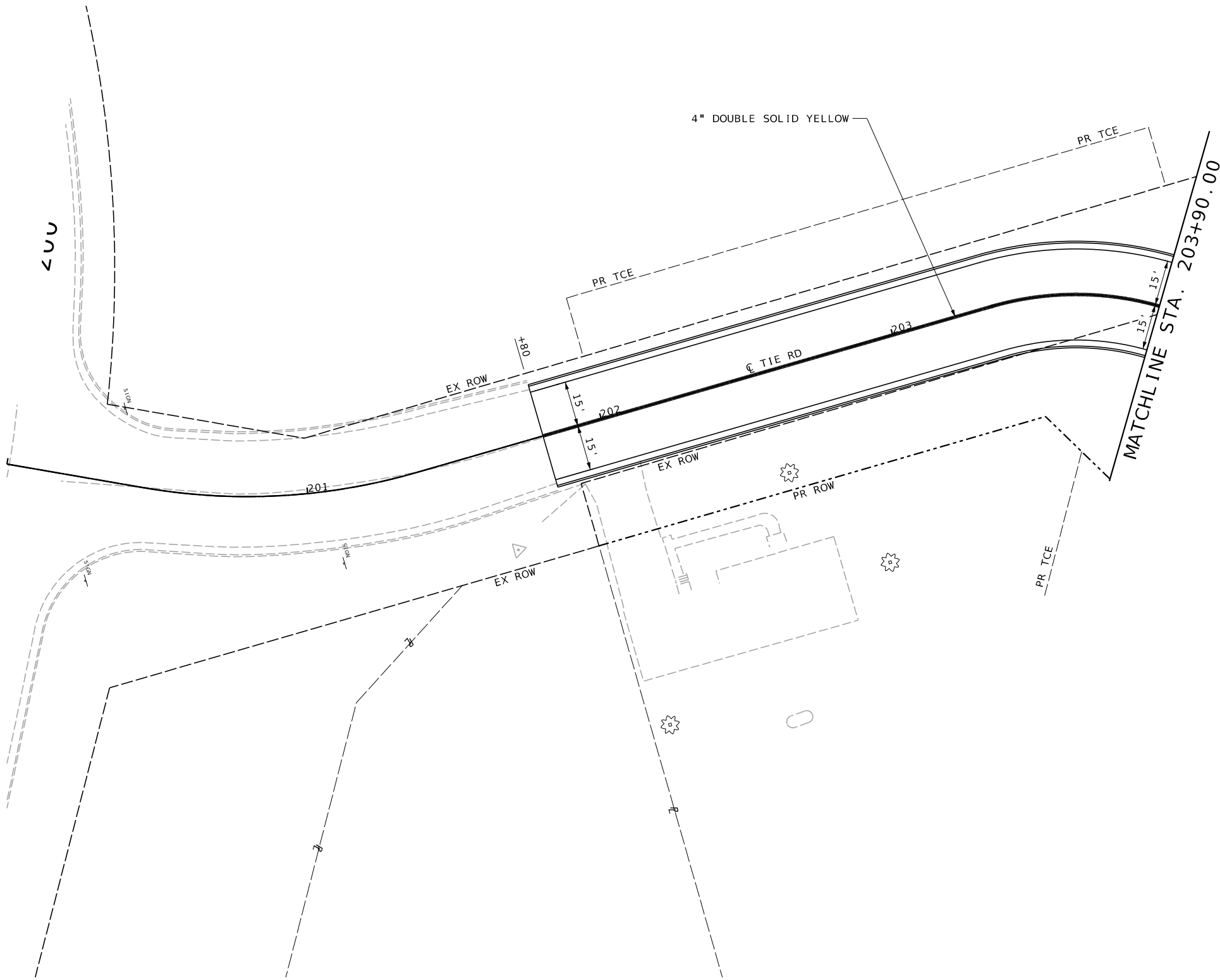
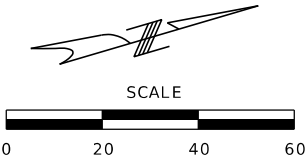
PAVEMENT MARKING AND
SIGNAGE SHEETS
SHEET 8 OF 9

SHEET INTENTIONALLY LEFT BLANK

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

SIGNING AND PAVEMENT MARKING NOTES:

1. PROPOSED SIGNS AND SIGN LOCATIONS PROVIDED FOR INFORMATION ONLY.
2. ALL LANE LINES SHALL BE CLASS 1 PAVEMENT MARKING PAINT (18-MIL, TYPE P BEADS) AND SHALL BE APPLIED PER MODOT STANDARDS AND SPECIFICATIONS UNLESS SPECIFIED OTHERWISE.
3. ALL PAVEMENT MARKINGS SHALL BE REMOVED VIA WATERBLASTING AS TO NOT DAMAGE THE EXISTING PAVEMENT SURFACE.



THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

Michael D. Busch

DATE PREPARED
5/28/2026

DISTRICT SL STATE MO

SHEET NO.
100

COUNTY
ST. CHARLES

ROUTE
LSL BLVD

DA JOB NO.
223034

PROJECT NO.
STP-5418(625)

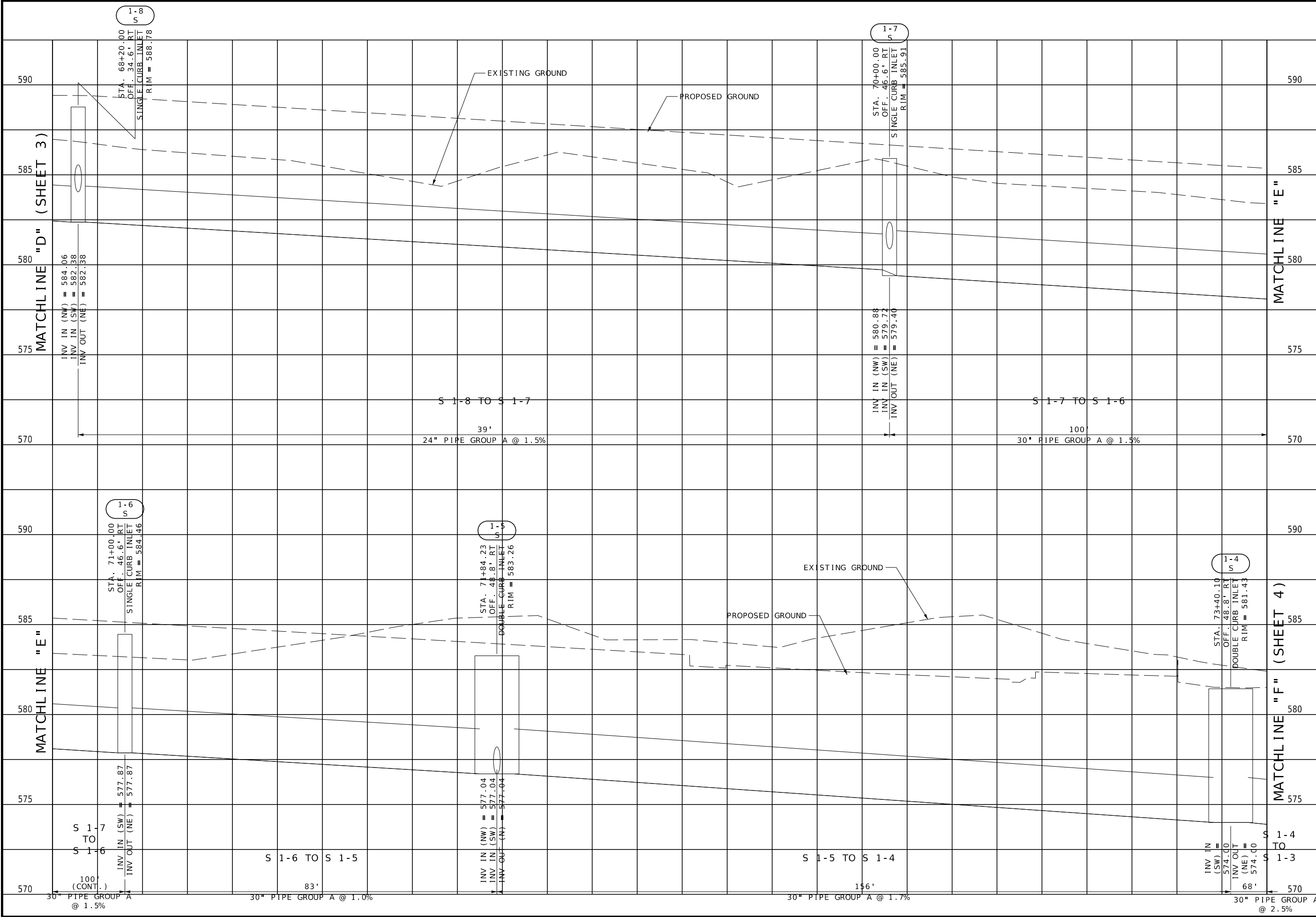
BRIDGE NO.
N/A

DATE	DESCRIPTION

ST. LOUIS
720 Office, Suite 700
St. Louis, MO 63101
Tel: 314.986.8881
O A T E S
ASSOCIATES
MISSOURI DESIGN FIRM
LICENSE NO. 001166
JEFFREY R. RENSING
PROFESSIONAL ENGINEER
LICENSE NO. 2006072376


CITY OF LAKE ST. LOUIS
PUBLIC WORKS DEPARTMENT
307 PARKWAY INDUSTRIAL DRIVE
LAKE ST. LOUIS, MO 63367
TEL 636.695.4221

PAVEMENT MARKING AND
SIGNAGE SHEETS
SHEET 9 OF 9



STATE OF MISSOURI

MICHAEL D. BUSCH

NUMBER

PE-2006012366

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

Michael D. Busch

DATE PREPARED

5/29/2026

DISTRICT

SL

STATE

MO

SHEET NO.

103

COUNTY

ST. CHARLES

ROUTE

LSL BLVD

DA JOB NO.

223034

PROJECT NO.

STP-5418(625)

BRIDGE NO.

N/A

DESCRIPTION

DATE

ST. LOUIS

720 Office, Suite 700

St. Louis, MO 63101

tel 314.586.8881

O A T E S

ASSOCIATES

MISSOURI DESIGN FIRM

LICENSE NO. 001166

JEFFREY R. RENSING

PROFESSIONAL ENGINEER

LICENSE NO. 2006072376



CITY OF LAKE ST. LOUIS

PUBLIC WORKS DEPARTMENT

307 PARKWAY INDUSTRIAL DRIVE

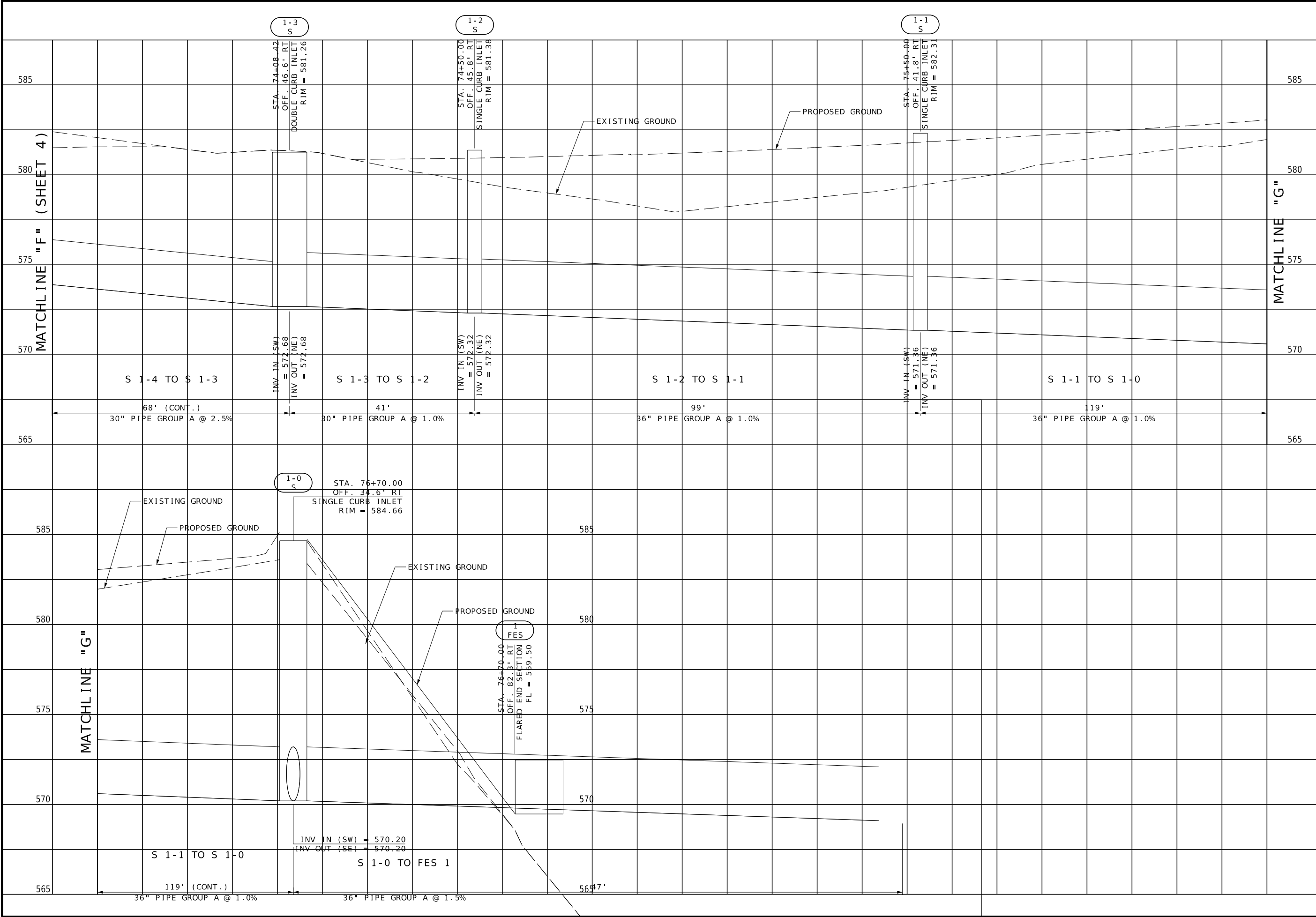
LAKE ST. LOUIS, MO 63367

TEL 636.695.4221

DRAINAGE SHEETS

SHEET 3 OF 8

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STATE OF MISSOURI

MICHAEL D. BUSCH

NUMBER

PE-2006012366

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

Michael D. Busch

DATE PREPARED

5/29/2026

DISTRICT

SL

STATE

MO

SHEET NO.

104

COUNTY

ST. CHARLES

ROUTE

LSL BLVD

OA JOB NO.

223034

PROJECT NO.

STP-5418(625)

BRIDGE NO.

N/A

DESCRIPTION

DATE

ST. LOUIS
720 Office, Suite 700
St. Louis, MO 63101
OFFICE
314.586.8881

OATES ASSOCIATES

MISSOURI DESIGN FIRM
LICENSE NO. 001166

JEFFREY R. RENSING
PROFESSIONAL ENGINEER
LICENSE NO. 2006072376

STATE OF MISSOURI

CITY OF LAKE ST. LOUIS

PUBLIC WORKS DEPARTMENT

307 PARKWAY INDUSTRIAL DRIVE

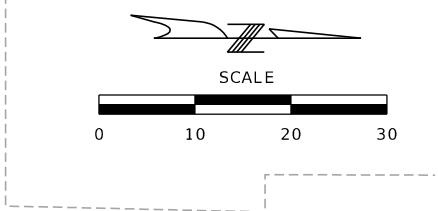
LAKE ST. LOUIS, MO 63367

TEL 636.695.4221

DRAINAGE SHEETS

SHEET 4 OF 8

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THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

Michael D. Busch

DATE PREPARED
6/1/2026

07/17/2020	
DISTRICT	STATE

SL	MO
SHEET NO.	

SHEET NO.
109

COUNTY
ST. CHARLES

ST. CHARLES
ROUTE

LSL BLVD

DA JOB NO.
223034

PROJECT NO.
GTD 5412(605)

STP-5418(625)
BRIDGE NO.

N/A

OATES
ASSOCIATES

ST. LOUIS
720 Olive, Suite 700
St. Louis, MO 63101
tel 314.598.8381

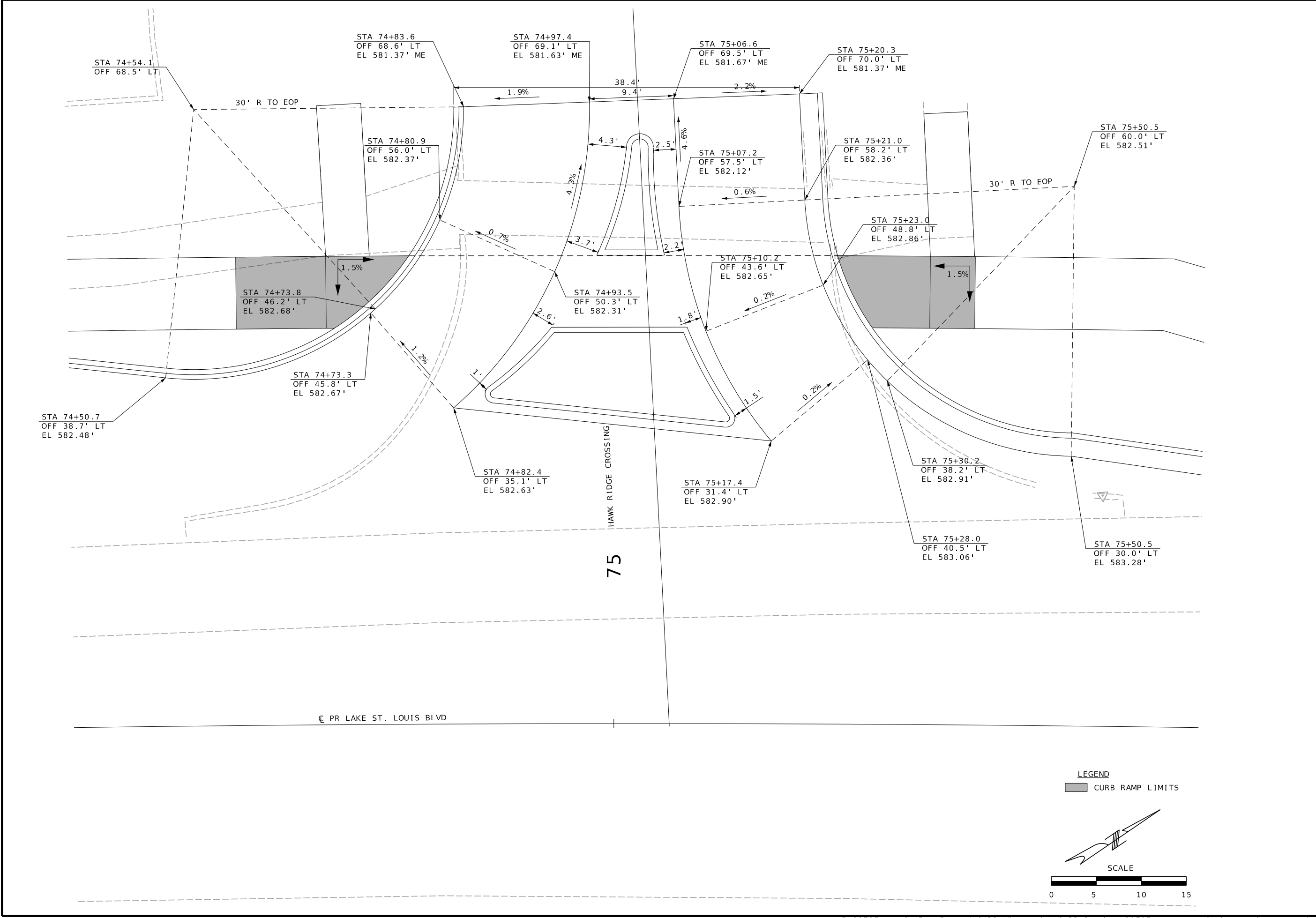
MISSOURI DESIGN FIRM
LICENSE NO. 001166

JEFFREY R. RENISING
PROFESSIONAL ENGINEER
LICENSE NO. 2006012376



CITY OF LAKE ST. LOUIS
PUBLIC WORKS DEPARTMENT
307 PARKWAY INDUSTRIAL DRIVE
LAKE ST. LOUIS, MO 63367
TEL 636.695.4221

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STATE OF MISSOURI

MICHAEL D. BUSCH

NUMBER

PE-2006012366

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

Michael D. Busch

DATE PREPARED
6/1/2026

DISTRICT
SL

STATE
MO

SHEET NO.
112

COUNTY
ST. CHARLES

ROUTE
LSL BLVD

OA JOB NO.
223034

PROJECT NO.
STP-5418(625)

BRIDGE NO.
N/A

DATE	DESCRIPTION

ST. LOUIS
720 Office, Suite 700
St. Louis, MO 63101
tel 314.586.8881

OATES
ASSOCIATES

MISSOURI DESIGN FIRM
LICENSE NO. 001166

JEFFREY R. RENSING
PROFESSIONAL ENGINEER
LICENSE NO. 2006072376

ST. LOUIS
307 PARKWAY INDUSTRIAL DRIVE
LAKE ST. LOUIS, MO 63367
TEL 636.695.4221

City of Lake St. Louis
PUBLIC WORKS DEPARTMENT

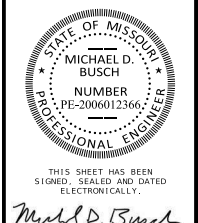
WARPING DETAIL SHEETS

SHEET 4 OF 5

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9:41:21 AM

6/1/2026



N/A							

OATES ASSOCIATES
ST. LOUIS
720 Olive, Suite 700
St. Louis, MO 63101
tel. 314.586.8381

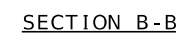
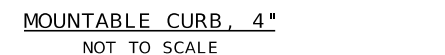
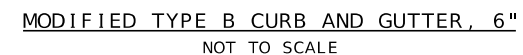
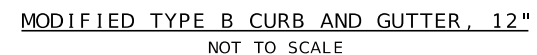
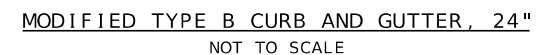
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LICENSE NO. 001166

JEFFREY R. RENSING
PROFESSIONAL ENGINEER
LICENSE NO. 2006012376

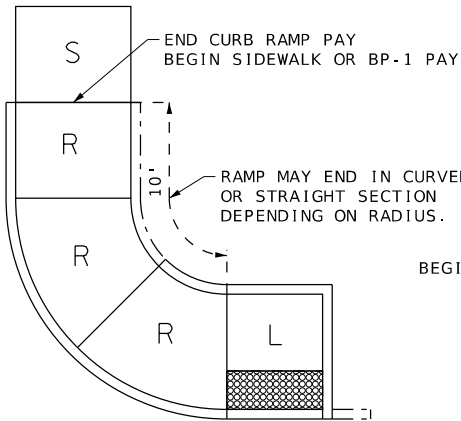


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WARPING DETAIL SHEETS
SHEET 5 OF 5

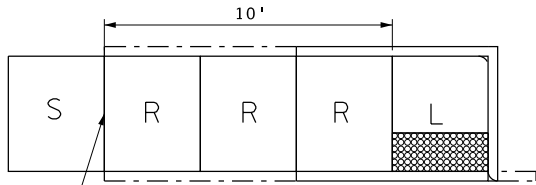


PEDESTRIAN CURB RAMP PAY LIMITS

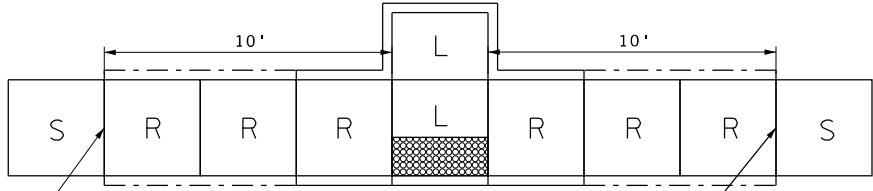


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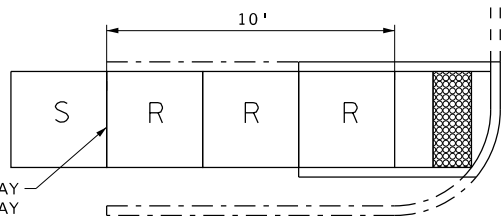
THE LENGTH OF THIS RAMP SHALL BE MEASURED ON THE INSIDE/SHORT SIDE OF THE CURVE



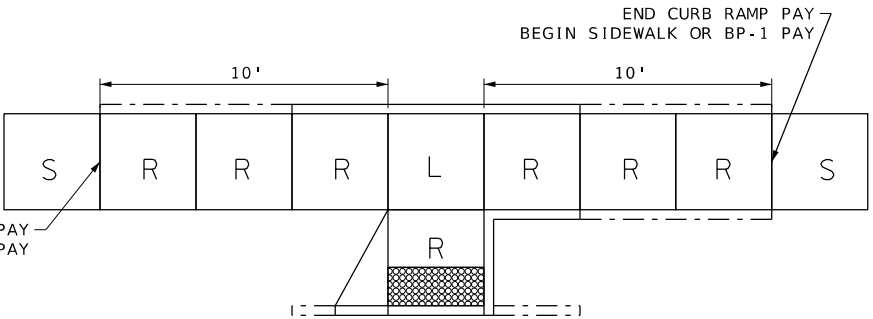
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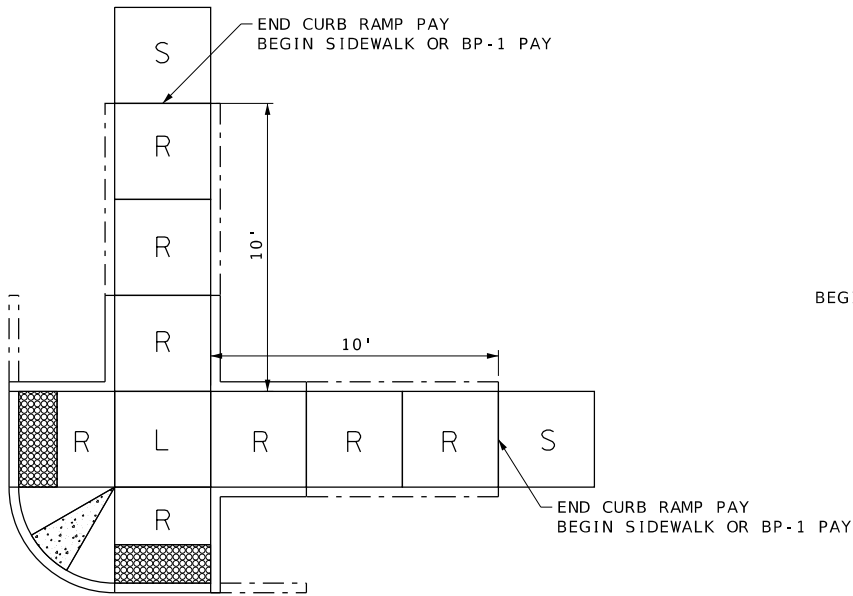
TYPE 3 PARALLEL



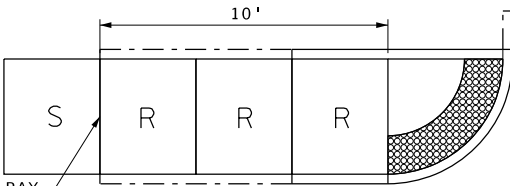
SMALL RADIUS PERPENDICULAR



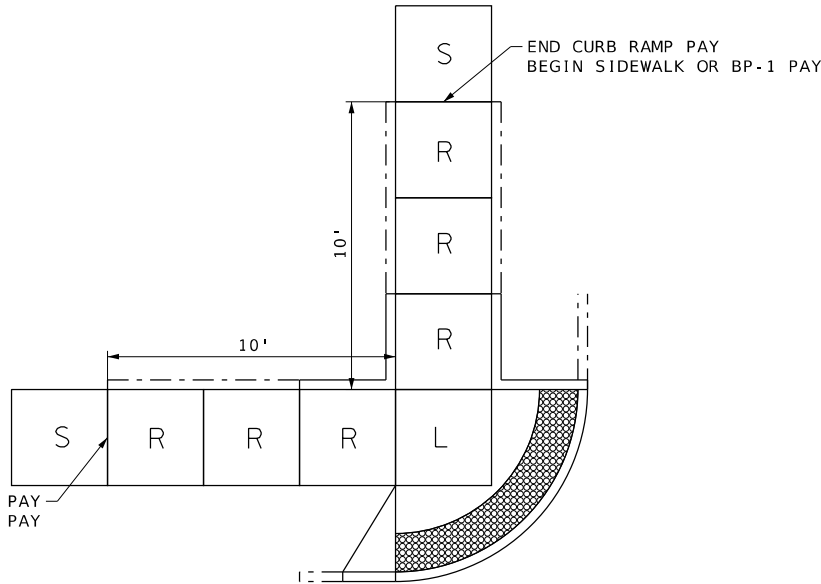
COMPOUND PERPENDICULAR



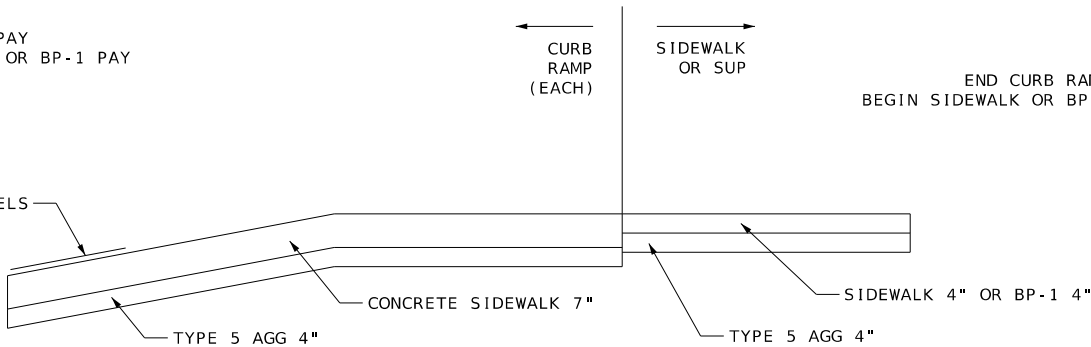
DUAL PERPENDICULAR
PAY AS 2 EACH



LARGE RADIUS PERPENDICULAR



BLENDED TRANSITION
PAY AS 2 EACH



ADA CURB RAMP

ADA CURB RAMP DETAILS

NOT TO SCALE

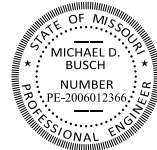
NOTES -
10 FEET OF WALKWAY SHALL BE INCLUDED IN CURB RAMP PAY, PER EACH, AS SHOWN.

L - LANDING OR CLEAR AREA FOR TURNING MOVEMENTS AND RESTS. PAY AS RAMP.
R - PAY AS RAMP.
S - PAY AS SIDEWALK.

SEE JSP FOR OTHER INCIDENTALS INCLUDED IN CURB RAMP PAY.
SEE STANDARD PLANS 608 SERIES FOR DIMENSIONS, GRADES, AND OTHER REQUIREMENTS.
CONTRACTOR WILL HAVE OPTION TO CONSTRUCT RAMP WITH FLARE OR CURB FOR CERTAIN RAMPS ABOVE.

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Michael D. Busch

DATE PREPARED
5/28/2026

DISTRICT
SL

STATE
MO

SHEET NO.
116

COUNTY
ST. CHARLES

ROUTE
LSL BLVD

DA JOB NO.
223034

PROJECT NO.
STP-5418(625)

BRIDGE NO.
N/A

DESCRIPTION

DATE

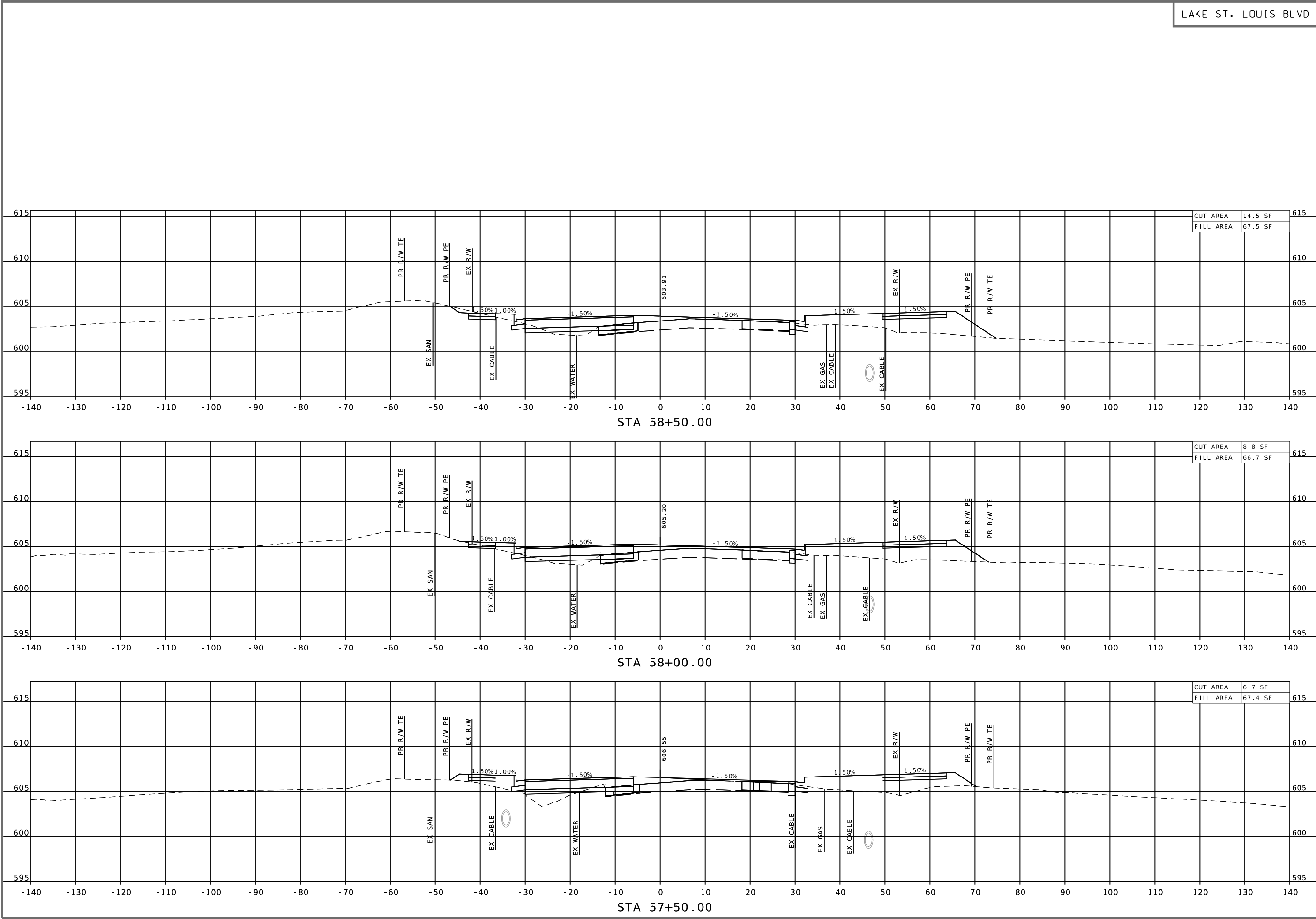
ST. LOUIS
720 Office, Suite 700
St. Louis, MO 63101
Tel: 314.986.8881

OATES
ASSOCIATES
MISSOURI DESIGN FIRM
LICENSE NO. 001166

JEFFREY R. REISING
PROFESSIONAL ENGINEER
LICENSE NO. 2006072376

CITY OF LAKE ST. LOUIS
PUBLIC WORKS DEPARTMENT
307 PARKWAY INDUSTRIAL DRIVE
LAKE ST. LOUIS, MO 63367
TEL 636.695.4221

CONSTRUCTION DETAILS SHEETS
SHEET 3 OF 4



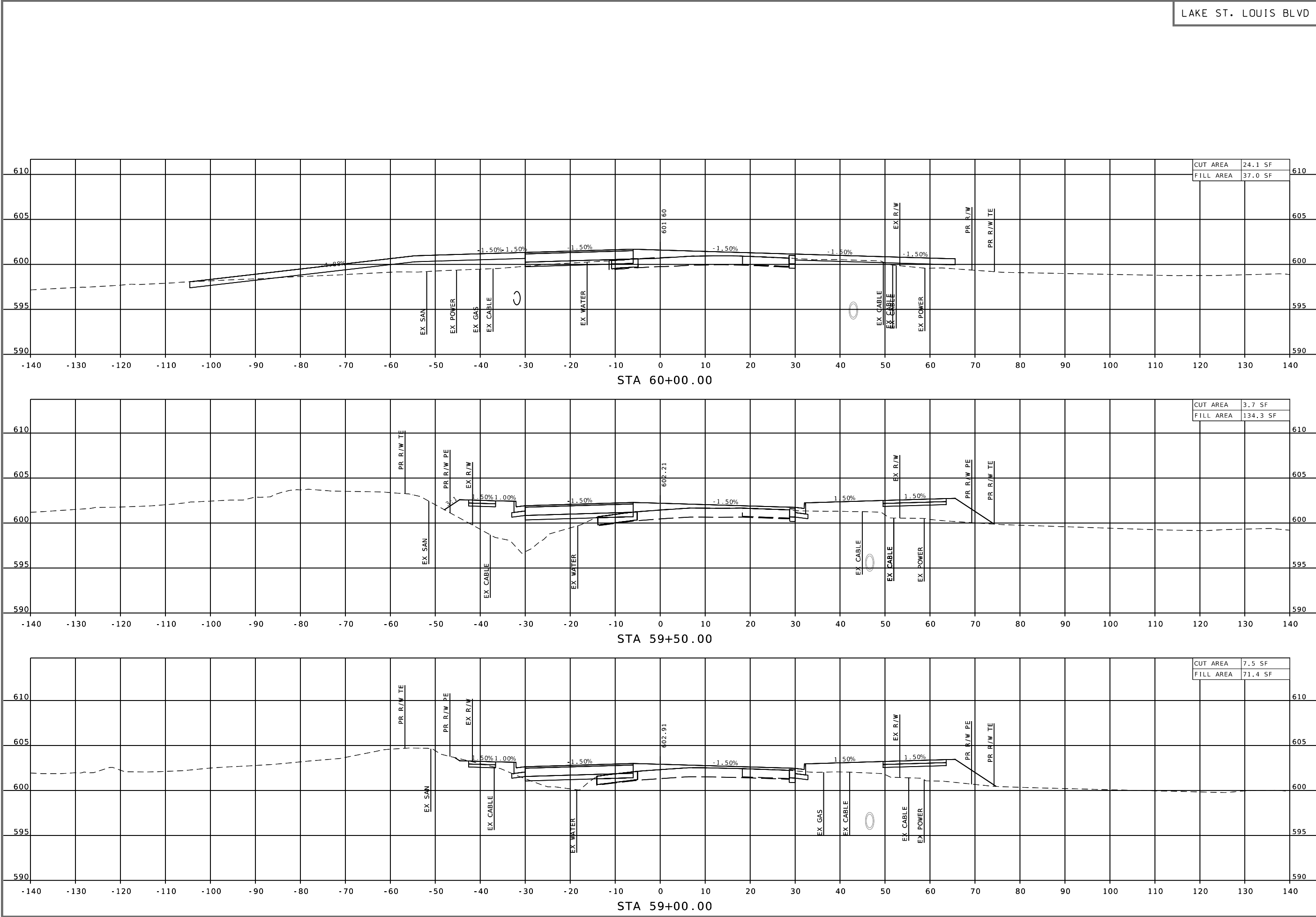
STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER
PE-2006012366
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
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Michael D. Busch
DATE PREPARED
5/28/2026
DISTRICT
SL
STATE
MO
SHEET NO.
118
COUNTY
ST. CHARLES
ROUTE
LSL BLVD
DA JOB NO.
223034
PROJECT NO.
STP-5418(625)
BRIDGE NO.
N/A

DESCRIPTION
DATE

ST. LOUIS
720 Office, Suite 700
St. Louis, MO 63101
TEL 314.988.8881
FAX 314.988.8881
OATES ASSOCIATES
MISSOURI DESIGN FIRM
LICENSE NO. 001166
JEFFREY R. RENNING
PROFESSIONAL ENGINEER
LICENSE NO. 2006072376

CITY OF LAKE ST. LOUIS
PUBLIC WORKS DEPARTMENT
307 PARKWAY INDUSTRIAL DRIVE
LAKE ST. LOUIS, MO 63367
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CROSS SECTIONS SHEETS
SHEET 1 OF 29



STATE OF MISSOURI

MICHAEL D. BUSCH

NUMBER

PE-2006012366

PROFESSIONAL ENGINEER

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Michael D. Busch

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DISTRICT

SL

STATE

MO

SHEET NO.

119

COUNTY

ST. CHARLES

ROUTE

LSL BLVD

DA JOB NO.

223034

PROJECT NO.

STP-5418(625)

BRIDGE NO.

N/A

DESCRIPTION

DATE

ST. LOUIS
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St. Louis, MO 63101
tel 314.986.4881
fax 314.986.4881

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ASSOCIATES

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LICENSE NO. 001166

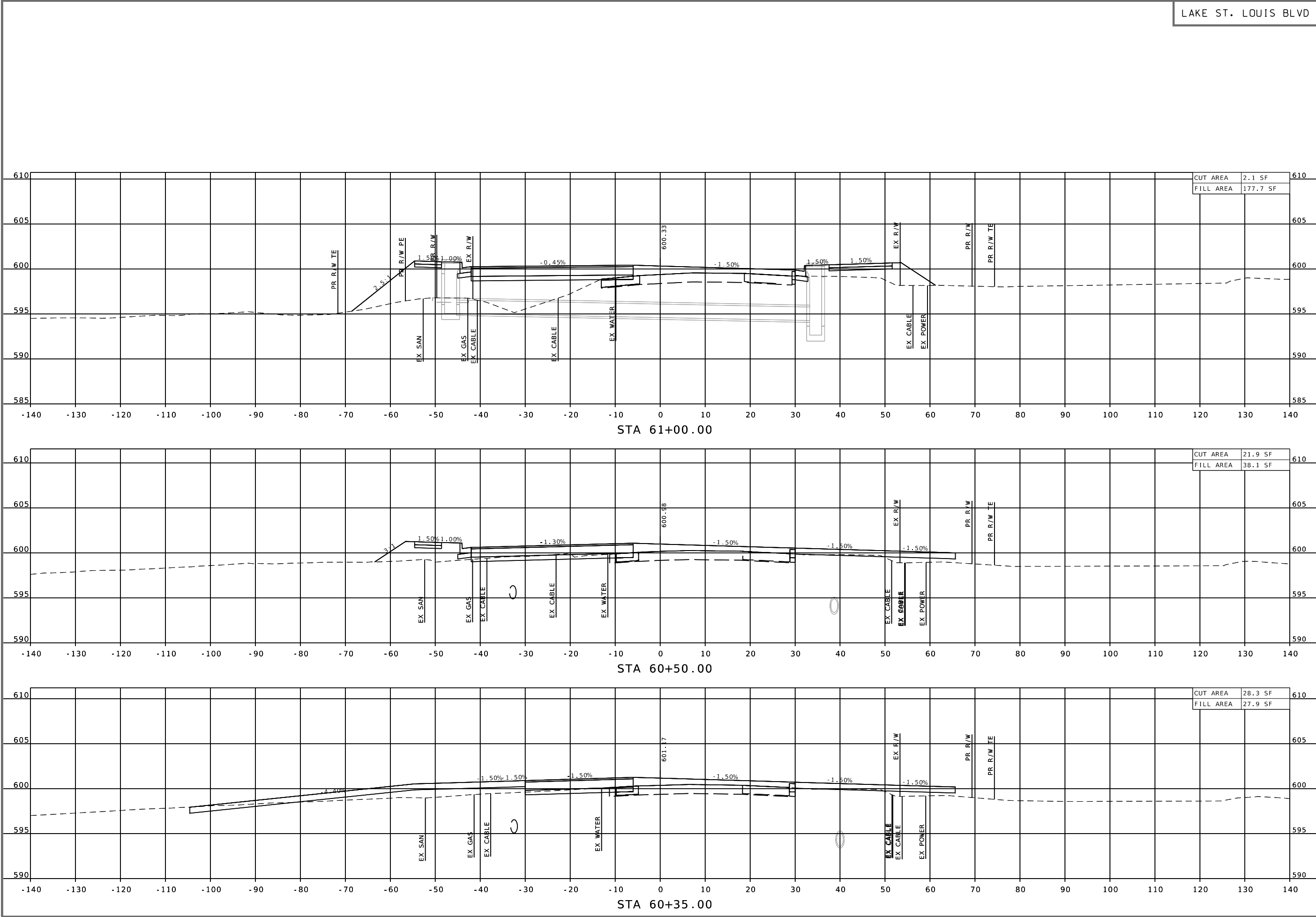
JEFFREY R. RENNING
PROFESSIONAL ENGINEER
LICENSE NO. 2006072376

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LAKE ST. LOUIS, MO 63367
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CROSS SECTIONS SHEETS

SHEET 2 OF 29

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STATE OF MISSOURI

MICHAEL D. BUSCH

NUMBER

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Michael D. Busch

DATE PREPARED

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DISTRICT

SL

STATE

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SHEET NO.

120

COUNTY

ST. CHARLES

ROUTE

LSL BLVD

DA JOB NO.

223034

PROJECT NO.

STP-5418(625)

BRIDGE NO.

N/A

DESCRIPTION

DATE

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FAX 314.986.8881

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JEFFREY R. RENSING

PROFESSIONAL ENGINEER

LICENSE NO. 200602376

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CROSS SECTIONS SHEETS

SHEET 3 OF 29

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DISTRICT SL STATE MO

SHEET NO.
122

COUNTY
ST. CHARLES

ROUTE
LSL BLVD

DA JOB NO.
223034

PROJECT NO.
STP-5418(625)

BRIDGE NO.
N/A

DESCRIPTION

DATE

ST. LOUIS
720 Office, Suite 700
St. Louis, MO 63101
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LICENSE NO. 001166

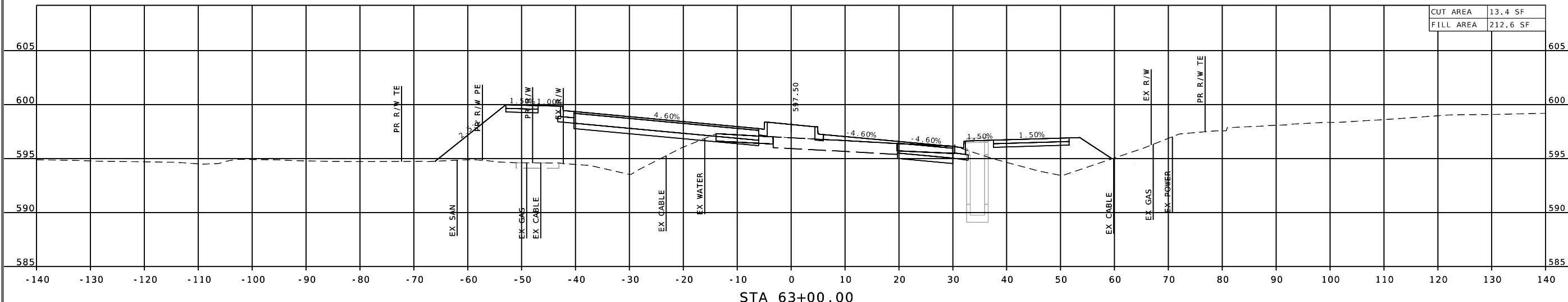
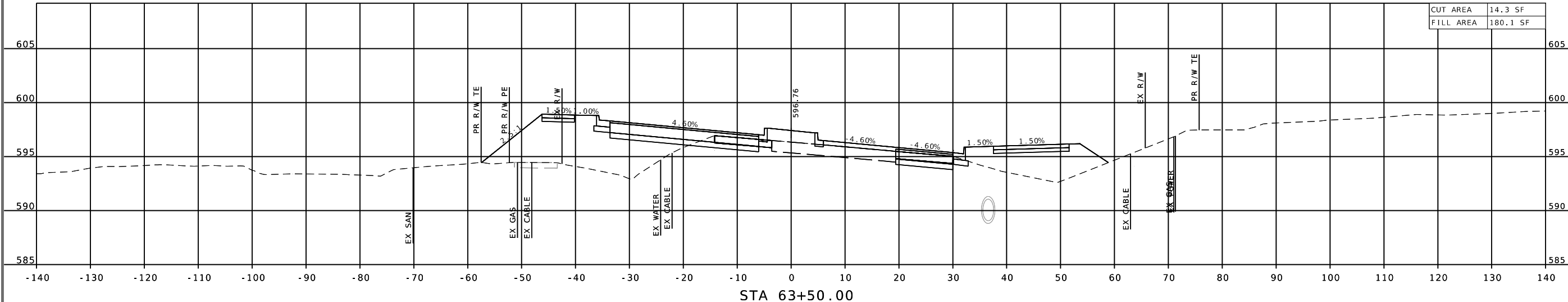
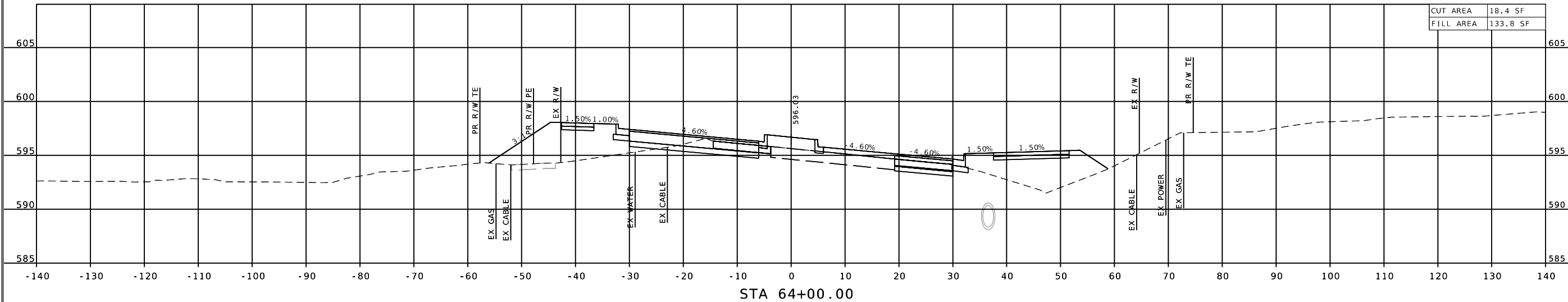
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PROFESSIONAL ENGINEER
LICENSE NO. 2006072376

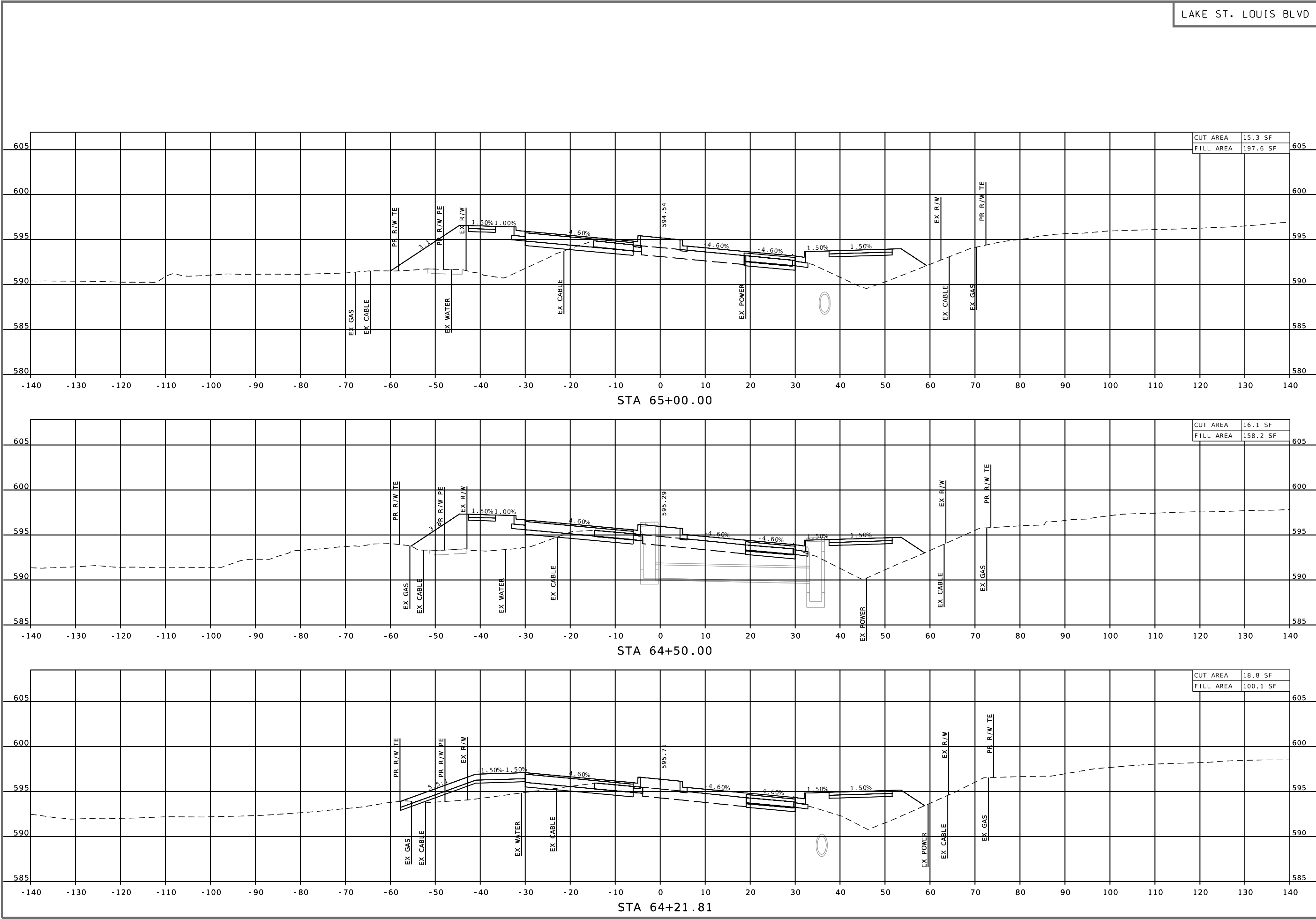
CITY OF LAKE ST. LOUIS
PUBLIC WORKS DEPARTMENT
307 PARKWAY INDUSTRIAL DRIVE
LAKE ST. LOUIS, MO 63367
TEL 636.695.4221

CROSS SECTIONS SHEETS
SHEET 5 OF 29

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STATE OF MISSOURI

MICHAEL D. BUSCH

NUMBER

PE-2006012366

PROFESSIONAL ENGINEER

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Michael D. Busch

DATE PREPARED

5/28/2026

DISTRICT

SL

STATE

MO

SHEET NO.

123

COUNTY

ST. CHARLES

ROUTE

LSL BLVD

DA JOB NO.

223034

PROJECT NO.

STP-5418(625)

BRIDGE NO.

N/A

DESCRIPTION

DATE

ST. LOUIS
720 Office, Suite 700
St. Louis, MO 63101
tel 314.986.8881
fax 314.986.8881

OATES
ASSOCIATES

MISSOURI DESIGN FIRM

LICENSE NO. 001166

JEFFREY R. RENNING

PROFESSIONAL ENGINEER

LICENSE NO. 2006072376

CITY OF LAKE ST. LOUIS

PUBLIC WORKS DEPARTMENT

307 PARKWAY INDUSTRIAL DRIVE

LAKE ST. LOUIS, MO 63367

TEL 636.695.4221

CROSS SECTIONS SHEETS

SHEET 6 OF 29

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Michael D. Busch

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5/28/2026

DISTRICT SL STATE MO

SHEET NO.
125

COUNTY
ST. CHARLES

ROUTE
LSL BLVD

DA JOB NO.
223034

PROJECT NO.
STP-5418(625)

BRIDGE NO.
N/A

DESCRIPTION

DATE

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720 Office, Suite 700
St. Louis, MO 63101
TEL 314.986.4881

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ASSOCIATES

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LICENSE NO. 001166

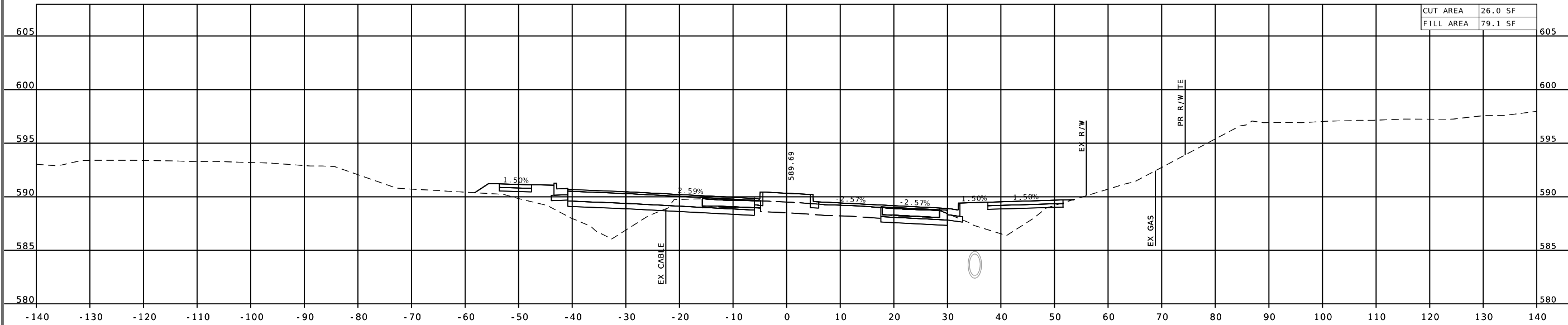
JEFFREY R. RENNING
PROFESSIONAL ENGINEER
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CITY OF LAKE ST. LOUIS
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307 PARKWAY INDUSTRIAL DRIVE
LAKE ST. LOUIS, MO 63367
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CROSS SECTIONS SHEETS
SHEET 8 OF 29

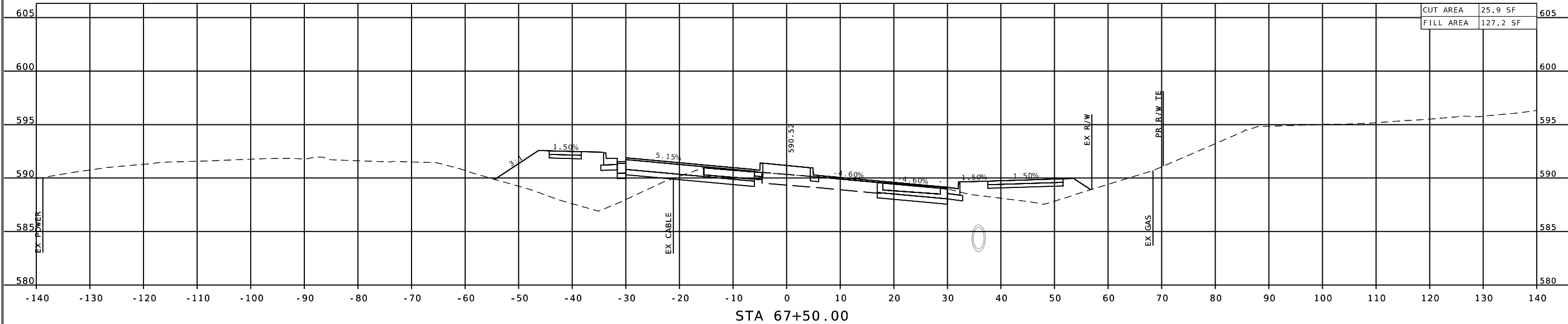
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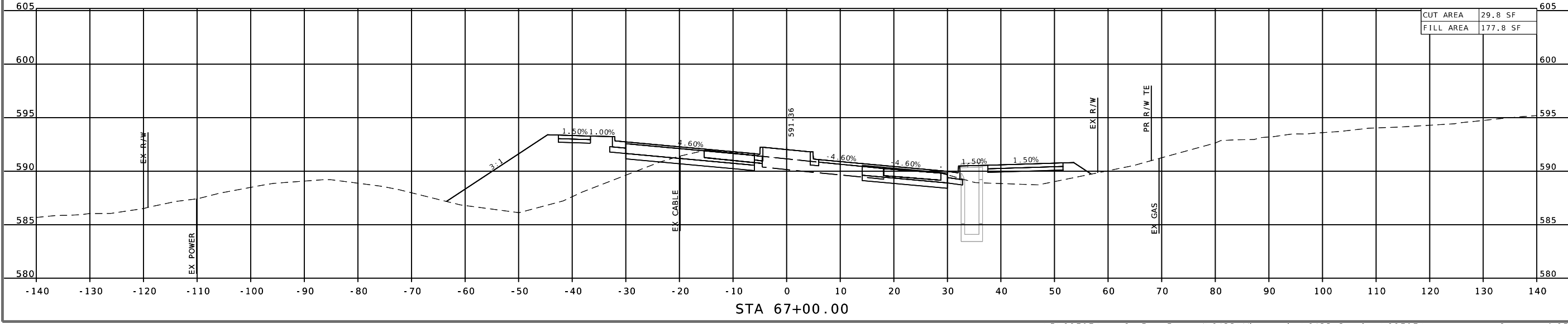
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FILL AREA	79.1 SF

STA 68+00.00



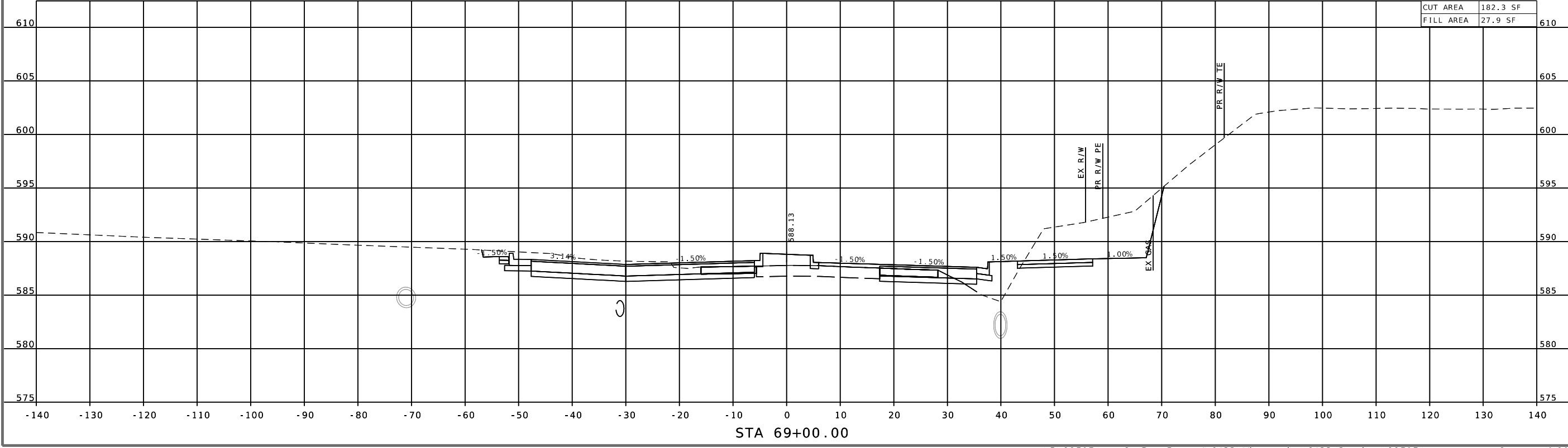
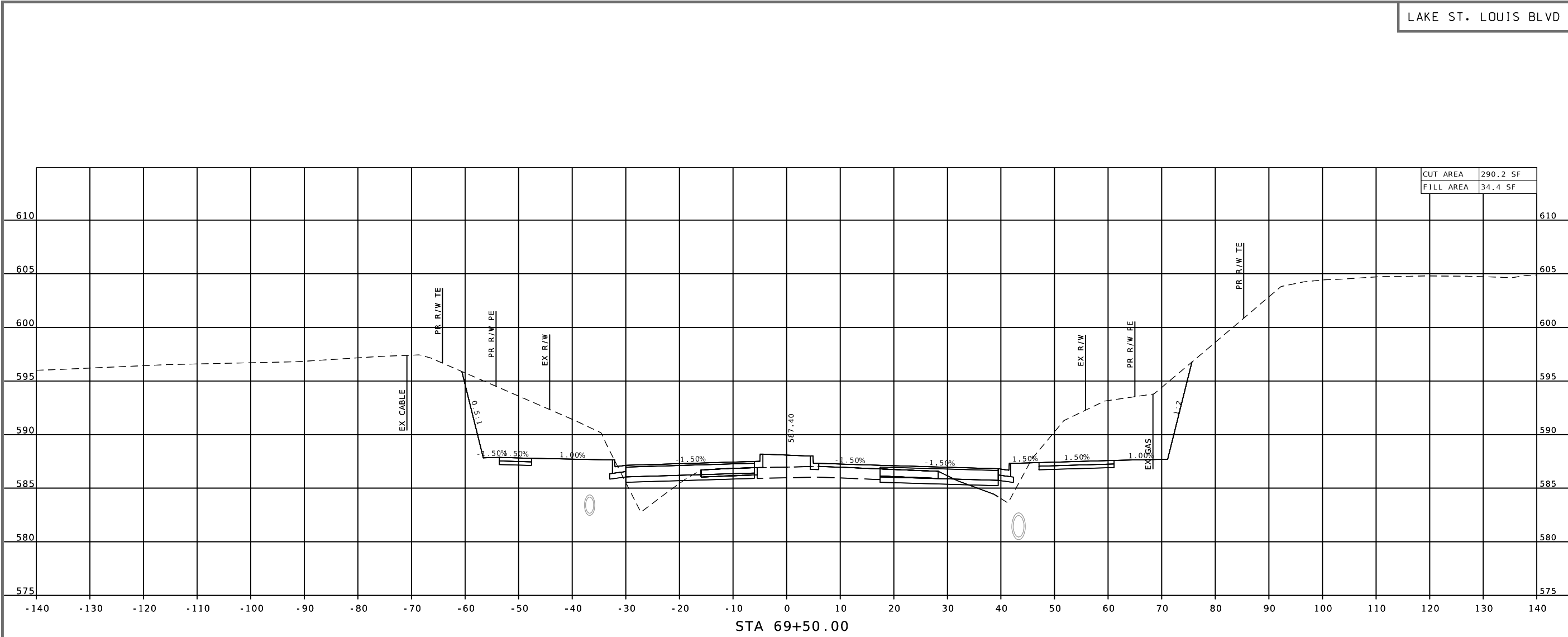
CUT AREA	25.9 SF
FILL AREA	127.2 SF

STA 67+50.00



CUT AREA	29.8 SF
FILL AREA	177.8 SF

STA 67+00.00



STATE OF MISSOURI
MICHAEL D. BUSCH
NUMBER
PE-2006012366
PROFESSIONAL ENGINEER

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Michael D. Busch

DATE PREPARED
5/28/2026

DISTRICT
SL

STATE
MO

SHEET NO.
127

COUNTY
ST. CHARLES

ROUTE
LSL BLVD

DA JOB NO.
223034

PROJECT NO.
STP-5418(625)

BRIDGE NO.
N/A

DESCRIPTION

DATE

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720 Office, Suite 700
St. Louis, MO 63101
tel 314.986.8881
fax 314.986.8881

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MISSOURI DESIGN FIRM
LICENSE NO. 001166

JEFFREY R. RENNING
PROFESSIONAL ENGINEER
LICENSE NO. 2006072376

CITY OF LAKE ST. LOUIS
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CROSS SECTIONS SHEETS
SHEET 10 OF 29

REV.

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DATE PREPARED
5/28/2026

DISTRICT SL STATE MO

SHEET NO. 129

COUNTY ST. CHARLES

ROUTE LSL BLVD

DA JOB NO. 223034

PROJECT NO. STP-5418(625)

BRIDGE NO. N/A

DESCRIPTION

DATE

ST. LOUIS
720 Office, Suite 700
St. Louis, MO 63101
Tel: 314.586.4881

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ASSOCIATES

MISSOURI DESIGN FIRM
LICENSE NO. 001166

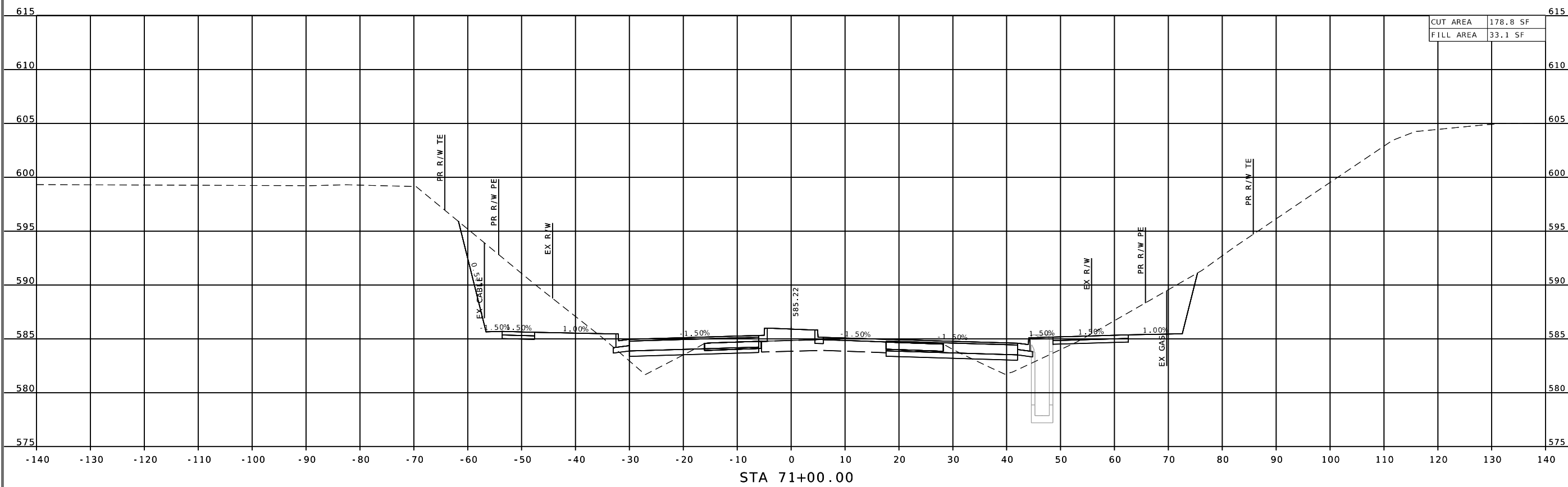
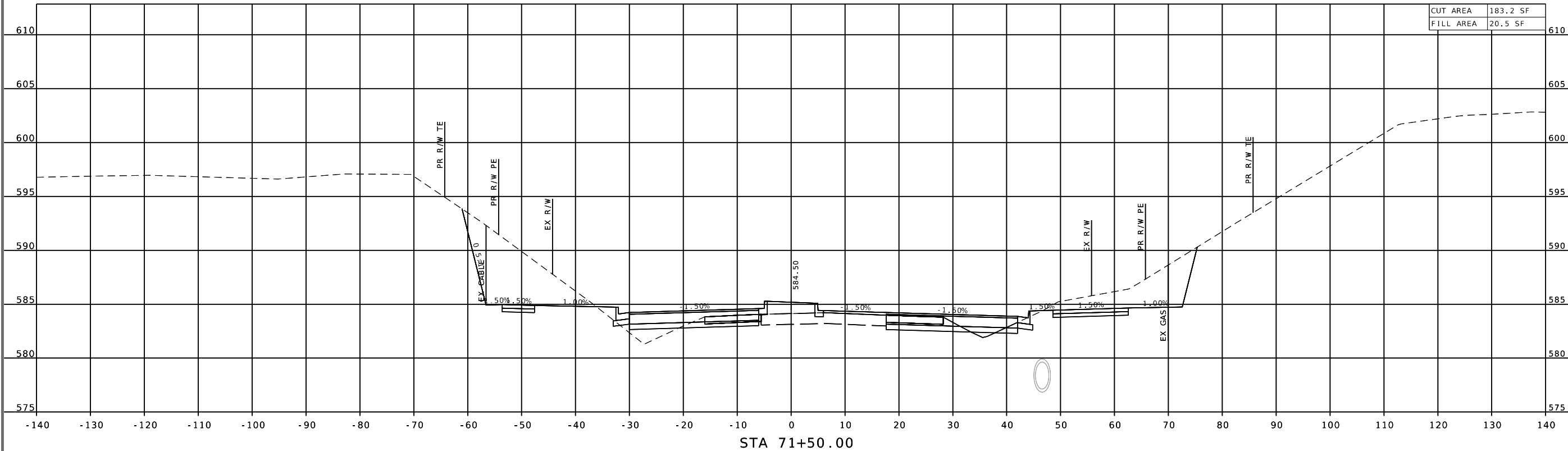
JEFFREY R. LENSING
PROFESSIONAL ENGINEER
LICENSE NO. 2006072376

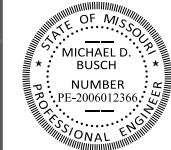
CITY OF LAKE ST. LOUIS
PUBLIC WORKS DEPARTMENT
307 PARKWAY INDUSTRIAL DRIVE
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CROSS SECTIONS SHEETS
SHEET 12 OF 29

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DATE PREPARED
5/28/2026

DISTRICT SL STATE MO

SHEET NO.
135

COUNTY
ST. CHARLES

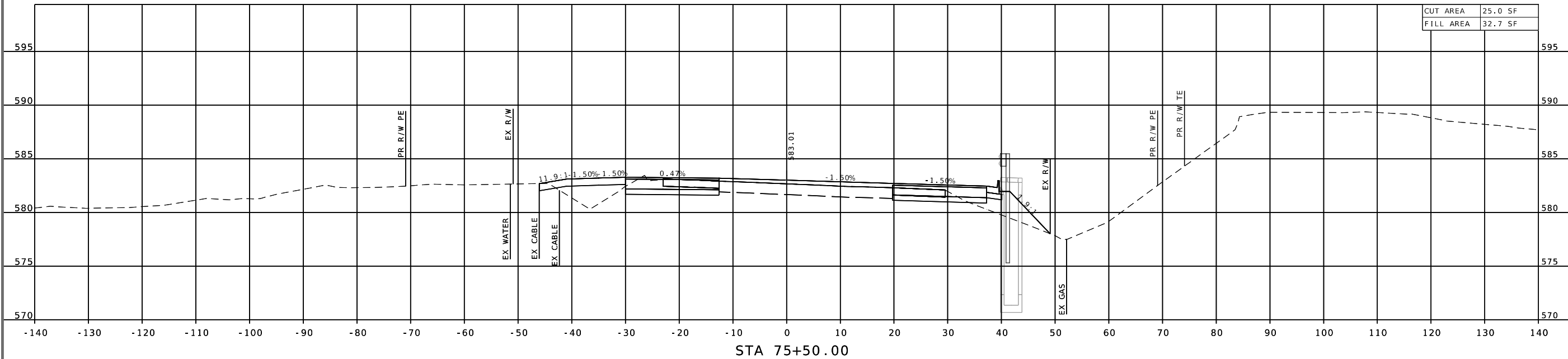
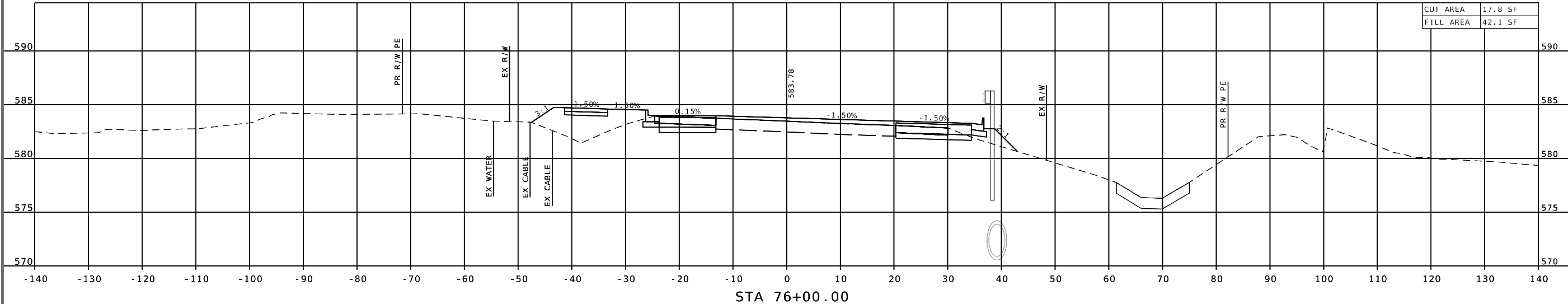
ROUTE
LSL BLVD

DA JOB NO.
223034

PROJECT NO.
STP-5418(625)

BRIDGE NO.
N/A

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



LAKE ST. LOUIS BLVD



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DATE PREPARED
5/28/2026

DISTRICT SL STATE MO

SHEET NO.
138

COUNTY
ST. CHARLES

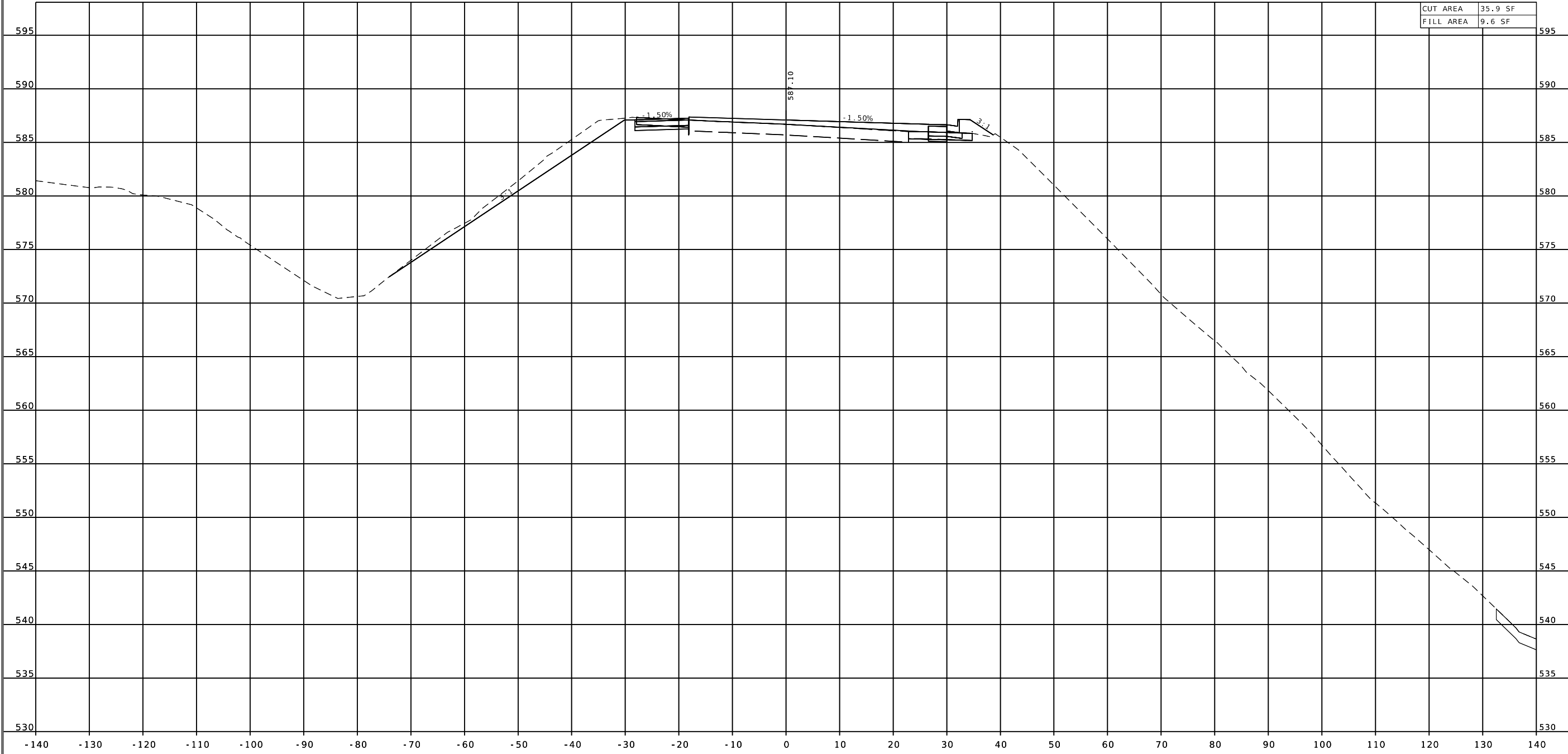
ROUTE
LSL BLVD

DA JOB NO.
223034

PROJECT NO.
STP-5418(625)

BRIDGE NO.
N/A

CUT AREA	35.9 SF
FILL AREA	9.6 SF



DATE	DESCRIPTION

OATES ASSOCIATES
ST. LOUIS
720 Office, Suite 700
St. Louis, MO 63101
Tel: 314.986.8881

MISSOURI DESIGN FIRM
LICENSE NO. 001166

JEFFREY R. LENSING
PROFESSIONAL ENGINEER
LICENSE NO. 2006072376

CITY OF LAKE ST. LOUIS
PUBLIC WORKS DEPARTMENT
307 PARKWAY INDUSTRIAL DRIVE
LAKE ST. LOUIS, MO 63367
TEL 636.695.4221

CROSS SECTIONS SHEETS
SHEET 21 OF 29

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LAKE ST. LOUIS BLVD



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DATE PREPARED
5/28/2026

DISTRICT SL STATE MO

SHEET NO.
139

COUNTY
ST. CHARLES

ROUTE
LSL BLVD

DA JOB NO.
223034

PROJECT NO.
STP-5418(625)

BRIDGE NO.
N/A

DESCRIPTION

DATE

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720 Office, Suite 700
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tel 314.986.4881

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ASSOCIATES

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LICENSE NO. 001166

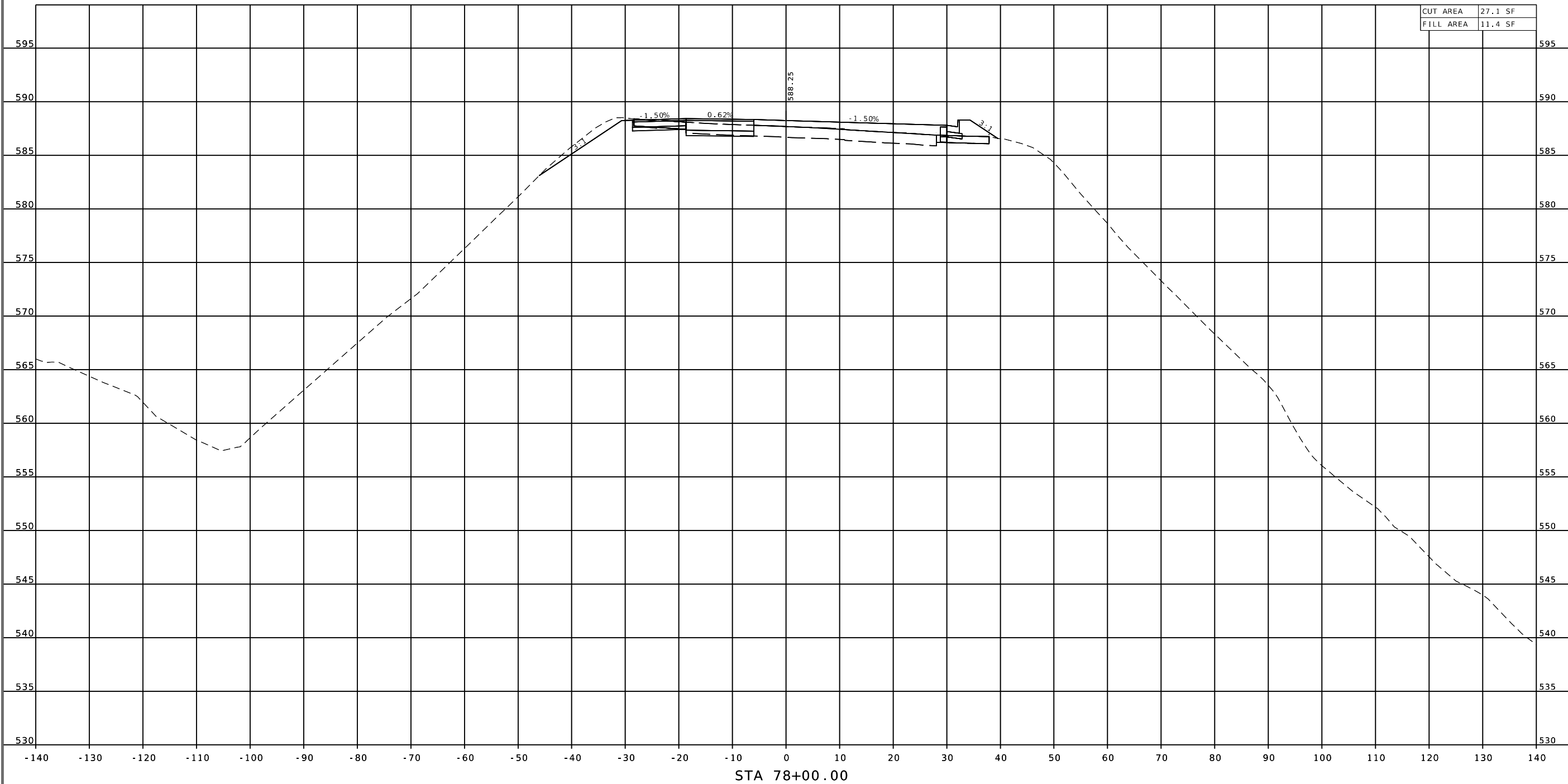
JEFFREY R. LENSING
PROFESSIONAL ENGINEER
LICENSE NO. 2006072376

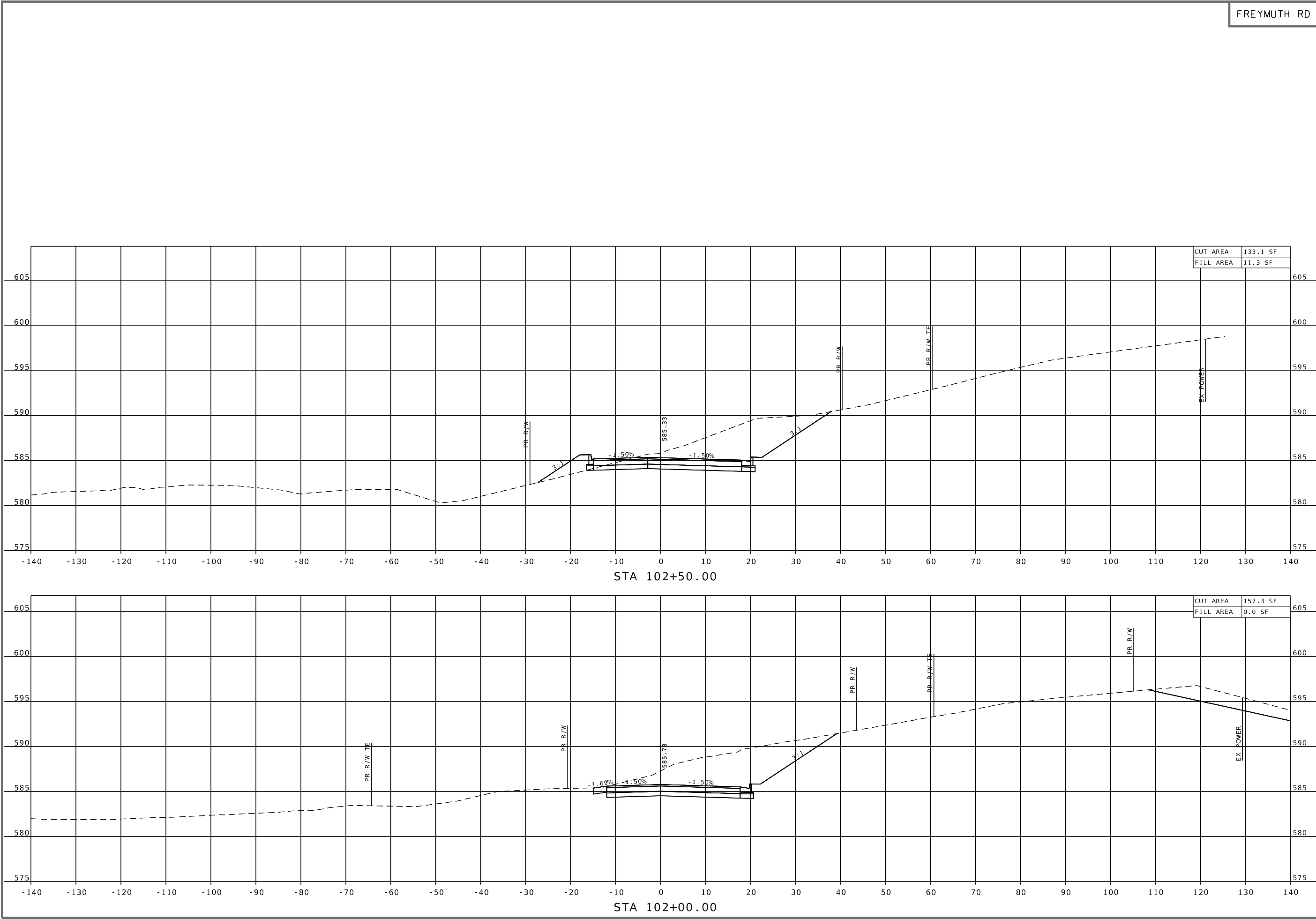
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CROSS SECTIONS SHEETS
SHEET 22 OF 29

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FREYMUTH RD

STATE OF MISSOURI

MICHAEL D. BUSCH

NUMBER

PE-2006012366

PROFESSIONAL ENGINEER

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Michael D. Busch

DATE PREPARED

5/28/2026

DISTRICT

SL

STATE

MO

SHEET NO.

142

COUNTY

ST. CHARLES

ROUTE

LSL BLVD

DA JOB NO.

223034

PROJECT NO.

STP-5418(625)

BRIDGE NO.

N/A

DESCRIPTION

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St. Louis, MO 63101
ASSOCIATES
MISSOURI DESIGN FIRM
LICENSE NO. 001166
JEFFREY R. LENSING
PROFESSIONAL ENGINEER
LICENSE NO. 2006072376



CITY OF LAKE ST. LOUIS
PUBLIC WORKS DEPARTMENT
307 PARKWAY INDUSTRIAL DRIVE
LAKE ST. LOUIS, MO 63367
TEL 636.695.4221

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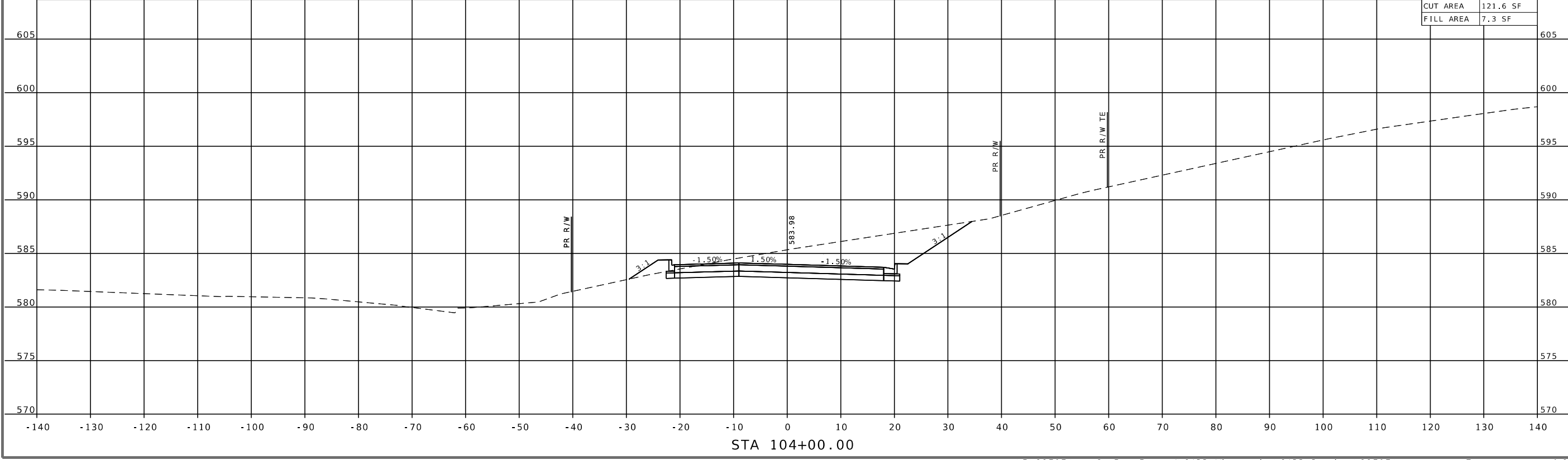
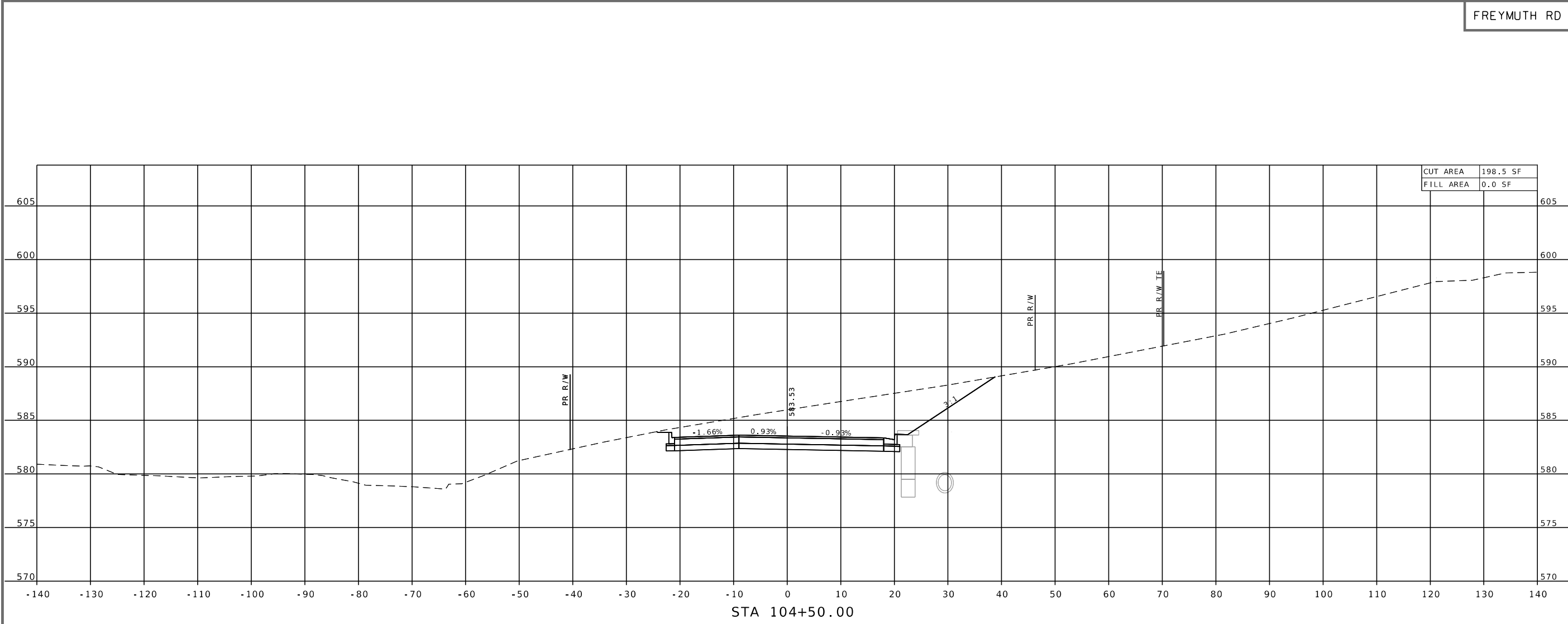
SHEET 25 OF 29

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Tel 314.586.4881

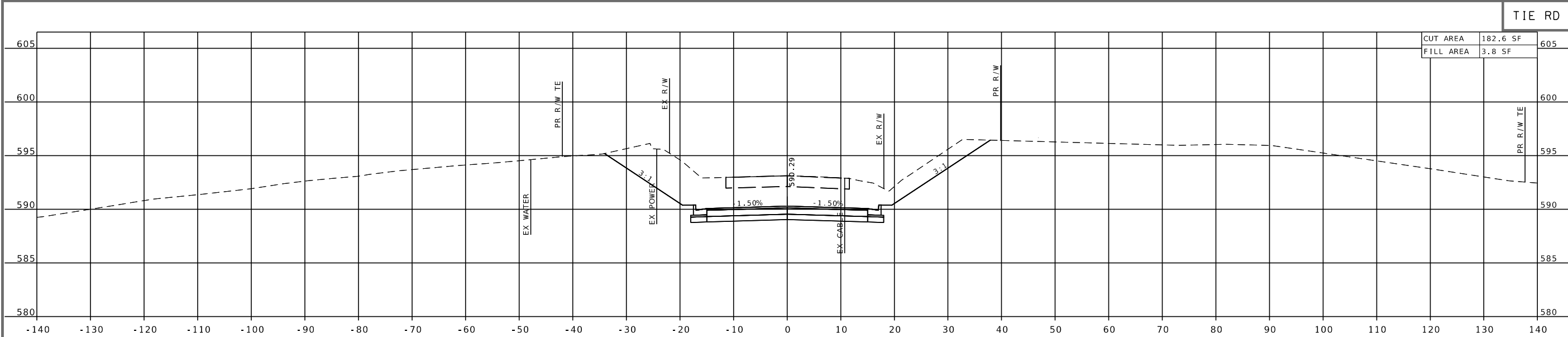
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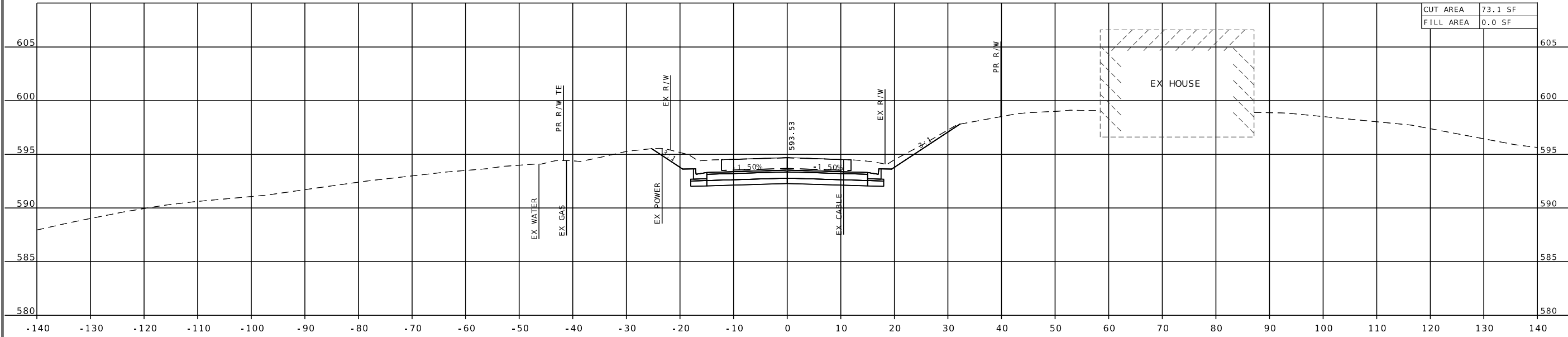
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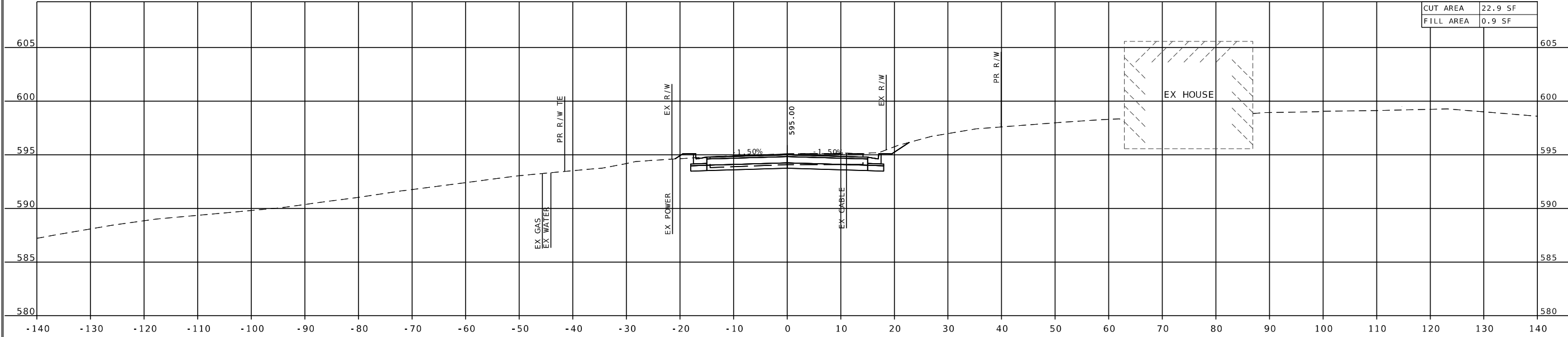
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City of Lake St. Louis

Public Works Department

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Tel: 636.695.4221

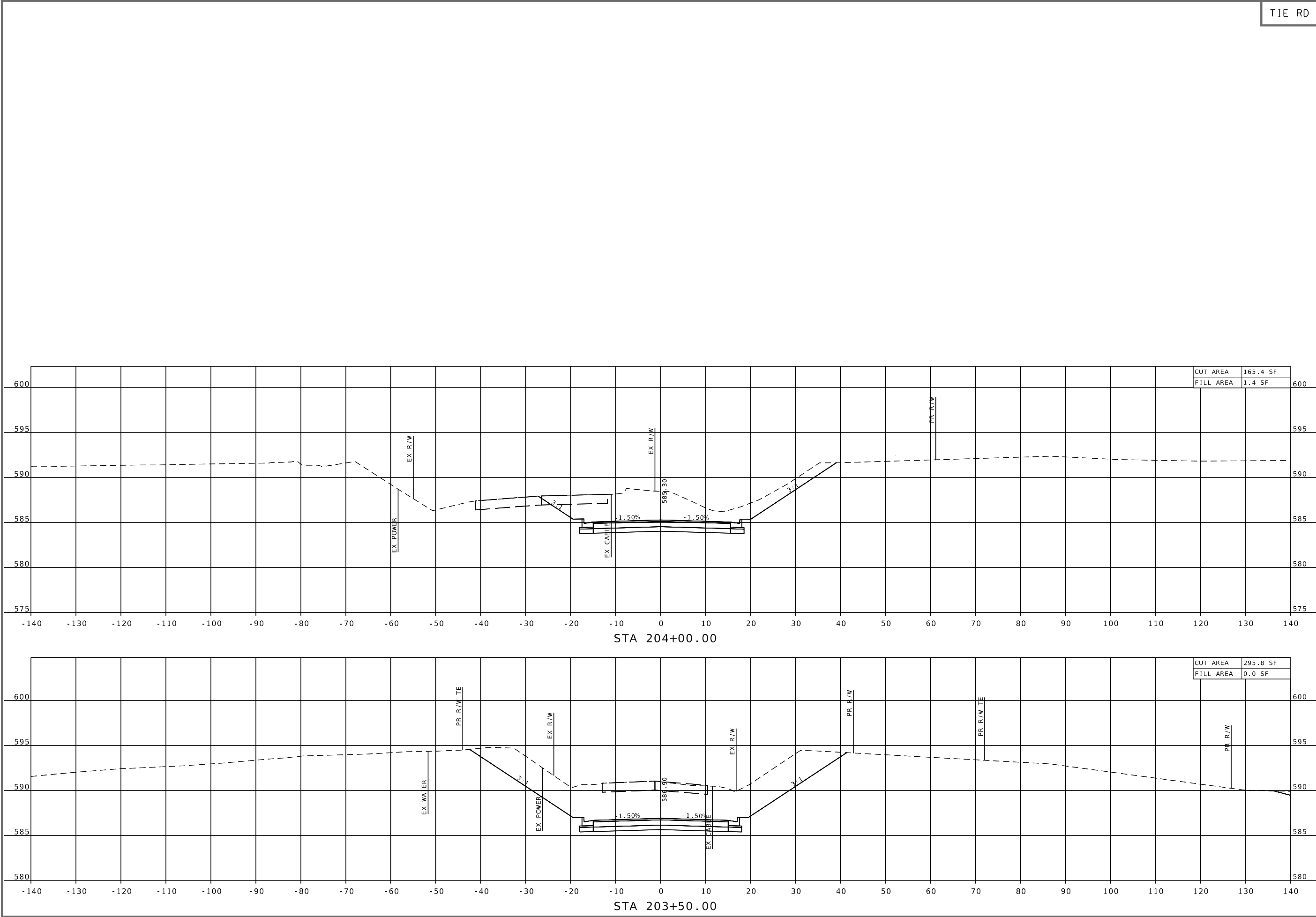
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