CITY OF LEE'S SUMMIT, MISSOURI
220 S.E. GREEN STREET
LEE'S SUMMIT, MISSOURI 64063
(816) 969-1800

PUBLIC WORKS ENGINEERING DIVISION

Pryor Road Improvements
Federal Project No. STBG 3378 (403)
City Project No. 571

ADDENDUM NO. #2

The original Request for Bid for ***Pryor Road Improvements,*** remains in effect except as revised by the following changes, which shall take precedence over anything to the contrary in the contract instruments, drawings, or technical specifications.

CONTRACT DOCUMENTS AND DRAWINGS:

The Documents and Drawings for the above referenced project dated September 2024 are hereby amended in the following particulars only; all other conditions remain unchanged.

The following changes are in effect:

Project Manual:

1. The Job Special Provisions, MODOT Supplemental Revisions, JSP-18-01BB shall be replaced with the attached JSP-18-01DD and shall be considered a part of the contract documents.

2. Remove and replace entire section C-520 “Agreement between Owner and Contractor for Construction Contract (Stipulated Price) – Addendum #1” with the attached C-520 “Agreement between Owner and Contractor for Construction Contract (Stipulated Price) – Addendum #2.” Item 5 has been removed, items 10 and 15 have been corrected, and items 240 and 241 have been added.

3. Remove and replace “01010 – Job Special Provisions- Addendum #1” with the attached “01010 – Job Special Provisions – Addendum #2”. Sections X and Y are added with information about PZT camera and LED lighting, respectively.

4. Remove and replace page 01120-28 of “SECTION 01120 – MEASUREMENT AND PAYMENT – ADDENDUM #1” with the attached “SECTION 01120 – MEASUREMENT AND PAYMENT – ADDENDUM #2”, page 01120-28. Item 1.0240 and 1.0241have been added to match the additions made to the bid items.

The following changes are in effect for the Construction Plans:

1. Remove and replace plan sheets 11 and 12, “Summary of Quantities” dated 7/19/2024, with attached plan sheets 11, 12, and 12A “Summary of Quantities” dated 10/24/2024. Corrections have been made so the plan sheet quantities match Article 5 of C-520.

ACKNOWLEDGEMENT

Each bidder shall acknowledge receipt of this **Addendum No. #2** of **Federal Project No. STBG 3378 (403) and City Project No. 571 and Pryor Road Improvements** by his/her signature affixed hereto, and shall attach this Addendum to the original bid submitted. **Failure to sign and submit this addendum could render your bid nonresponsive.**

CERTIFICATION BY BIDDER:

Signature _____

Title _____

Company _____

Date _____

Supplemental Revisions JSP-18-01DD

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 and Steel.
On all federal-aid projects, the contractor's attention is directed to Title 23 CFR 635.410 *Buy America Requirements*. Where steel or iron products 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. Furthermore, any coating process of the steel or iron shall be performed in the USA. 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 Buy America Requirements for Iron and Steel for Manufactured items.
A manufactured item will be considered iron and steel if it is "predominantly" iron or steel. Predominantly iron or steel means that the cost of iron or steel content of a product is more than 50 percent of the total cost of all its components.

106.9.2 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.

106.9.3 "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.

106.9.4 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.

106.9.4.1 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 the following. That 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.

106.9.4.2 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.

106.9.4.3 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.

106.9.5 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.

106.9.6 Buy America Requirements for Construction Materials other than iron and steel materials. Construction materials means 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

106.9.6.1 Minimal Use allowance for Construction Materials other than iron or steel.
"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.

106.9.7 Buy America Requirements for Manufactured Products.
Manufactured products means:

(a) Articles, materials, or supplies that have been:
    (i) Processed into a specific form and shape; or
    (ii) Combined with other articles, materials, or supplies to create a product with different properties than the individual articles, materials, or supplies.
(b) If an item is classified as an iron or steel product, a construction material, or a section 70917(c) material under § 184.4(e) and the definitions set forth in this section, then it is not a manufactured product. However, an article, material, or supply classified as a manufactured product under § 184.4(e) and paragraph (1) of this definition may include components that are construction materials, iron or steel products, or section 70917(c) materials.

106.9.7.1 Manufactured products are exempt from Buy America requirements. To qualify as a manufactured product, items that consist of two or more of the listed construction materials that have been combined together through a manufacturing process, and items that include at least one of the listed materials combined with a material that is not listed through a manufacturing process, should be treated as manufactured products, rather than as construction materials.

106.9.7.2 Manufactured items are covered under a general waiver to exclude them from Buy America Requirements. To qualify for the exemption the components must comprise of 55% of the value of materials in the item. The final assembly must also be performed domestically.

Pavement Marking Paint Requirements for Standard Waterborne and Temporary

1.0 Description. High Build acrylic waterborne pavement marking paint shall be used in lieu of standard acrylic waterborne pavement marking paint for all Standard Waterborne Pavement Marking Paint items and all Temporary Pavement Marking Paint items. Paint thickness, bead type, bead application rate, retroreflectivity requirements, and all other specifications shall remain as stated in the Missouri Standard Specifications for Highway Construction, except as otherwise amended in the contract documents.

2.0 Material Requirements. Material requirements for Sec 620.20.2.5 Standard Waterborne Paint, and Sec 620.10.2 Temporary Pavement Marking Paint shall be per Sec 1048.20.1.2 High Build Acrylic Waterborne Pavement Marking Paint.

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

15.0 Data Collection from Bidders for DBE and Non-DBE Subcontractors, Suppliers, Manufacturers and/or Brokering used and not used in bids during the reporting period. 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 all subcontractor quoting received for actual use and of consideration by the prime bidder. MoDOT will be requesting this information from bidding prime contractors and will provide prime bidders a form to submit the data by the last day of each month for the current letting. The information shall only include the names of both DBE and non-DBE companies that the prime bidders received quotes. MoDOT will then contact the DBEs and non-DBE subcontractors and request additional information from DBE and non-DBE subcontractors including current year of gross receipts and number of years in business. The information provided by the prime bidders shall not include any bid quote pricing regardless if it was used or not. This information will aid MoDOT in the determination of the availability of DBEs and will be used in subsequent availability studies.

AGREEMENT BETWEEN OWNER AND CONTRACTOR FOR CONSTRUCTION CONTRACT (STIPULATED PRICE)

ADDENDUM #2 (CHANGES HIGHLIGHTED IN YELLOW)

This Agreement is by and between **the City of Lee's Summit, Missouri** ("Owner") and **[name of contracting entity]** ("Contractor").

Terms used in this Agreement have the meanings stated in the General Conditions and the Supplementary Conditions.

Owner and Contractor hereby agree as follows:

ARTICLE 1—WORK

1.01 Contractor shall complete all Work as specified or indicated in the Contract Documents. The Work is generally described as follows: **Constructing approximately 2.5 miles of Pryor Road as a 4-lane divided roadway from Hook Road to approximately Longview Road. Project also includes construction of sidewalk, shared use path, street lighting, and traffic signal installation at Hook Road, Scherer Road, and Eagle View Drive intersections. The work also includes installation of water line, curb and gutter, and residential building demolition with hazardous material abatement, storm sewer.**

ARTICLE 2—THE PROJECT

2.01 The Project, of which the Work under the Contract Documents is a part, is generally described as follows: **Project No. 571: Pryor Road Improvements**

ARTICLE 3—ENGINEER

3.01 The Owner has retained **TranSystems Corporation** ("Engineer") to ~~act as Owner's representative,~~ assume all duties and responsibilities of Engineer, and have the rights and authority assigned to Engineer in the Contract, except as described in Paragraph 3.03 of this Agreement.

3.02 The part of the Project that pertains to the Work has been designed by **Engineer.**

3.03 The Owner shall be responsible for handling the following matters notwithstanding the fact that certain portions of the Contract Documents may list the Engineer as having responsibility for said matters:

A. Furnish a Resident Project Representative;

B. Change of Working Hours;

C. Make Determinations for Unit Price Work (determine quantities and classifications);

D. Field orders, Work Change Directives, Change Orders;

E. Progress Payments;

F. Monitor Contractor's schedule, progress, schedule and conduct progress meetings;

G. Receive in writing questions from the Contractor regarding all matters concerning the requirements of the Contract Documents (sometimes referred to as requests for information or interpretation—RFIs), or relating to the acceptability of the Work under the Contract Documents;

H. The Owner will be the initial interpreter of the requirements of the Contract Documents;

I. The Owner will render decision regarding the requirements of the Contract Documents;

J. The Owner will judge of the acceptability of the Work; and

K. Coordinate construction services provided by the Engineer as needed.

In the event that portions of the Contract Documents indicate that the Engineer is to handle, provide input, or receive notices or filings with regard to any of the above referenced matters, this Article 3 shall prevail.

ARTICLE 4—CONTRACT TIMES

4.01 *Time is of the Essence*

A. All time limits for Milestones, if any, Substantial Completion, and completion and readiness for final payment as stated in the Contract Documents are of the essence of the Contract.

4.02 *Contract Times: Days*

A. The Work will be substantially complete within **660 days** after the date when the Contract Times commence to run as provided in Paragraph 4.01 of the General Conditions, and completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions within **90 days after Substantial Completion**.

4.03 *Milestones*

A. Completion of the punch list attached to the Certificate of Substantial Completion shall be achieved within 30 days after Substantial Completion.

B. Parts of the Work must be substantially completed on or before the following Milestone(s):

1. Milestone 1: All work shall be completed for the Center Phase as shown on plan sheets 211-214 so that Pryor Road, River Run Road, and 26th Terrace are permanently open to a minimum of one lane in each direction within **120** calendar days of the date work commences in the area.

2. Milestone 2: All work shall be completed for the South Phase as shown on plan sheets 211-214 so that Pryor Road and Hook Road are permanently open to a minimum of one lane in each direction within **90** calendar days of the date work commences in the area.

3. Milestone 3: All work shall be completed for the North Phase – N1 as shown on plan sheets 211-214 so that Pryor Road, Longview Road, Scherer Road, Summit Hills Drive, Eagle Creek Drive (north), and Eagle View Drive are permanently open to a minimum of one lane in each direction within **270** calendar days of the date work commences in the area.

4. Milestone 4: All work shall be completed for the North Phase – N2 as shown on plan sheets 211-214 so that Scherer Road is permanently open to a minimum of one lane in each direction within **45** calendar days of the date work commences in the area.

5. Milestone 5: All work shall be completed for the North Phase – N3 as shown on plan sheets 211-214 so that Longview Road and Pryor Road (north leg only) are permanently open to a minimum of one lane in each direction within **30** calendar days of the date work commences in the area.

4.04 *Liquidated Damages*

A. Contractor and Owner recognize that time is of the essence as stated in Paragraph 4.01 above and that Owner will suffer financial and other losses if the Work is not completed and Milestones not achieved within the Contract Times, as duly modified. The parties also recognize the delays, expense, and difficulties involved in proving, in a legal or arbitration proceeding, the actual loss suffered by Owner if the Work is not completed on time. Accordingly, instead of requiring any such proof, Owner and Contractor agree that as liquidated damages for delay (but not as a penalty):

Schedule of Deductions for Each Day of Overrun in Contract Time, Original Contract Amount (or the Engineer's Estimate of the Total Construction Cost)		
From ($)	**To, and including ($)**	**Assessment, per Day ($)**
0	25,000	475
25,001	50,000	475
50,001	100,000	500
100,001	500,000	700
500,001	1,000,000	950
1,000,001	2,000,000	1,100
2,000,001	3,000,000	1,225
3,000,001	4,000,000	1,625
4,000,001	5,000,000	2,025
5,000,001	6,000,000	2,425

6,000,001	7,000,000	2,825
7,000,001	8,000,000	3,225
8,000,001	9,000,000	3,625
9,000,001	10,000,000	4,025
10,000,001	**70,000,000**	**4,300**

1. *Substantial Completion:* Contractor shall pay Owner $**4,300** for each day that expires after the time (as duly adjusted pursuant to the Contract) specified above for Substantial Completion, until the Work is substantially complete.
2. *Completion of Remaining Work:* After Substantial Completion, if Contractor shall neglect, refuse, or fail to complete the remaining Work within the Contract Times (as duly adjusted pursuant to the Contract) for completion and readiness for final payment, Contractor shall pay Owner $**4,300** for each day that expires after such time until the Work is completed and ready for final payment.
3. *Milestones:*
    a. Contractor shall pay Owner **$4,300** for each day that expires after the time (as duly adjusted pursuant to the Contract) specified above for achievement of Paragraph 4.03.A, or until the time specified for the Work to be completed and ready for final payment, at which time the rate indicated in Paragraph 4.04.A.2 will apply, rather than this Milestone rate.
    b. Contractor shall pay Owner **$4,300** for each day that expires after the time (as duly adjusted pursuant to the Contract) specified above for achievement of each Milestone reflected in Paragraph 4.03.B, or until the time specified for Substantial Completion is reached, at which time the rate indicated in Paragraph 4.04.A.1 will apply, rather than this Milestone rate.
4. Liquidated damages for failing to timely attain Milestones, Substantial Completion, and final completion are not additive, and will not be imposed concurrently.

B. If Owner recovers liquidated damages for a delay in completion by Contractor, then such liquidated damages are Owner's sole and exclusive remedy for such delay, and Owner is precluded from recovering any other damages, whether actual, direct, excess, or consequential, for such delay, except for special damages (if any) specified in this Agreement.

ARTICLE 5—CONTRACT PRICE – ADDENDUM #2

5.01 Owner shall pay Contractor for completion of the Work in accordance with the Contract Documents, the amounts that follow, subject to adjustment under the Contract:

A. For all Unit Price Work, an amount equal to the sum of the extended prices (established for each separately identified item of Unit Price Work by multiplying the unit price times the actual quantity of that item).

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL COST
1	MOBILIZATION	LS	1	$	$
2	CLEARING AND GRUBBING	AC	35	$	$
3	DEMOLITION AND REMOVAL	LS	1	$	$
4	DEMOLITION AND REMOVAL OF BUILDING	LS	1	$	$
5	RESERVED – NOT USED	EA	0	$-0-	$-0-
6	UNCLASSIFIED EXCAVATION	CY	73,024	$	$
7	EMBANKMENT	CY	62,087	$	$
8	WASTE (HAUL OFF)	CY	5,042	$	$
9	SUBGRADE COMPACTION (12") (95% MR 0+3)	SY	115,800	$	$
10	AGGREGATE BASE ~~(4")~~ (6") (MODOT TYPE 5)	SY	116,053	$	$
11	AGGREGATE BASE (4") (MODOT TYPE 5) (SIDEWALK)	SY	22,938	$	$
12	AGGREGATE BASE (4") (MODOT TYPE 5) (DRIVEWAY)	SY	782	$	$
13	AGGREGATE SURFACING (6") (GRADE A OR B)	SY	301	$	$
14	PORTLAND CEMENT CONC. PVMT. (9") (KCMMB 4K)	SY	90,406	$	$
15	PORTLAND CEMENT CONC. PVMT. ~~(8")~~ (6") (KCMMB 4K) (DRIVEWAY)	SY	717	$	$
16	PORTLAND CEMENT CONC. PVMT. (4") (KCMMB 4K) (SIDEWALK)	SY	7,110	$	$
17	PORTLAND CEMENT CONC. PVMT. (6") (KCMMB K) (SHARED USE PATH)	SY	15,186	$	$
18	PORTLAND CEMENT CONC. PVMT. (6") (KCMMB 4K) (REINFORCED)	SY	642	$	$
19	ADA RAMPS (ALL TYPES)	SY	632	$	$
20	ALTERNATIVE MEDIAN TREATMENT	SY	1,125	$	$
21	MEDIAN NOSE	SY	256	$	$
22	CONCRETE CURB AND GUTTER (TYPE CG-1)	LF	56,312	$	$

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL COST
23	ASPHALT CONC. PVMT. (10")(COMMERCIAL GRADE)	SY	1,226	$	$
24	ROCK DITCH LINER (TYPE 3)	CY	102	$	$
25	ROCK LINING	CY	21	$	$
26	LEE'S SUMMIT CURB INLET (4'X3')	EA	22	$	$
27	LEE'S SUMMIT CURB INLET (6'X3')	EA	33	$	$
28	LEE'S SUMMIT CURB INLET (6'X4')	EA	1	$	$
29	LEE'S SUMMIT CURB INLET (6'X4.5')	EA	1	$	$
30	LEE'S SUMMIT CURB INLET (6'X5')	EA	1	$	$
31	LEE'S SUMMIT CURB INLET (8'X3')	EA	9	$	$
32	LEE'S SUMMIT CURB INLET (4'X3') (HAUNCHED)	EA	1	$	$
33	LEE'S SUMMIT CURB INLET (4'X4') (HAUNCHED)	EA	8	$	$
34	LEE'S SUMMIT CURB INLET (4'X5') (HAUNCHED)	EA	5	$	$
35	LEE'S SUMMIT CURB INLET (6'X3') (HAUNCHED)	EA	1	$	$
36	LEE'S SUMMIT CURB INLET (6'X3.5') (HAUNCHED)	EA	2	$	$
37	LEE'S SUMMIT CURB INLET (6'X4') (HAUNCHED)	EA	13	$	$
38	LEE'S SUMMIT CURB INLET (8'X4') (HAUNCHED)	EA	2	$	$
39	LEE'S SUMMIT FIELD INLET (3'X3')	EA	7	$	$
40	JUNCTION BOX (4'X3')	EA	4	$	$
41	JUNCTION BOX (4'X4')	EA	7	$	$
42	JUNCTION BOX (4'X5')	EA	2	$	$
43	JUNCTION BOX (5'X5')	EA	1	$	$
44	JUNCTION BOX (6'X3')	EA	2	$	$
45	JUNCTION BOX (6'X4')	EA	3	$	$
46	JUNCTION BOX (6'X5')	EA	1	$	$
47	JUNCTION BOX (9'X4')	EA	2	$	$
48	PRECAST MANHOLE (4' DIAMETER)	EA	1	$	$
49	ADJUSTMENT OF FIELD INLET	EA	1	$	$

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL COST
50	CONVERT CURB INLET TO JUNCTION BOX	EA	3	$	$
51	END SECTIONS (12" HDPE)	EA	1	$	$
52	END SECTIONS (15" RCP)	EA	12	$	$
53	END SECTIONS (18" RCP)	EA	6	$	$
54	END SECTIONS (24" RCP)	EA	1	$	$
55	CONCRETE COLLAR	EA	2	$	$
56	UNDERDRAIN	LF	794	$	$
57	STORM SEWERS (12") (HDPE)	LF	62	$	$
58	STORM SEWERS (15") (RCP)	LF	9,620	$	$
59	STORM SEWERS (18") (RCP)	LF	1,762	$	$
60	STORM SEWERS (24") (RCP)	LF	2,100	$	$
61	STORM SEWERS (30") (RCP)	LF	606	$	$
62	STORM SEWERS (36") (RCP)	LF	1,493	$	$
63	STORM SEWERS (42") (RCP)	LF	16	$	$
64	STORM SEWERS (48") (RCP)	LF	8	$	$
65	STORM SEWERS (54") (RCP)	LF	8	$	$
66	STORM SEWERS (72") (RCP)	LF	8	$	$
67	STORM SEWERS (76" X 48"") (RCPHE)	LF	8	$	$
68	REINFORCED CONCRETE BOX (12' X 5')	LF	330.3	$	$
69	CLASS B CONCRETE (RETAINING WALL)	CY	74.8	$	$
70	CLASS B CONCRETE (INTEGRAL SIDEWALK AND RETAINING WALL)	CY	73.2	$	$
71	CLASS 4 EXCAVATION	CY	740	$	$
72	PEDESTRIAN FENCE (60 IN.)	LF	105	$	$
73	SILT FENCE	LF	7,638	$	$
74	STRAW WATTLE	LF	2,773	$	$
75	COMPOST FILTER BERM	LF	10,855	$	$
76	ROCK DITCH CHECKS	LF	4,628	$	$

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL COST
77	AREA INLET CHECKS	EA	9	$	$
78	CURB INLET CHECKS	EA	108	$	$
79	SEDIMENT REMOVAL	CY	715	$	$
80	EROSION CONTROL BLANKET (TYPE B)	SY	10,930	$	$
81	EROSION CONTROL BLANKET (TYPE G)	SY	912	$	$
82	SODDING	SY	48,082	$	$
83	SEEDING	AC	14	$	$
84	FENCE (WOVEN WIRE)	LF	4,511	$	$
85	FENCE (WOVEN WIRE) (REMOVE AND RESET)	LF	2,189	$	$
86	FENCE (FAUX WROUGHT IRON) (REMOVE AND RESET)	LF	411	$	$
87	FENCE (WHITE VINYL 3 RAIL)	LF	19	$	$
88	FENCE (TEMPORARY)	LF	803	$	$
89	GATE (WOVEN WIRE) (12')	EA	2	$	$
90	GATE (WOVEN WIRE) (24')	EA	2	$	$
91	GATE (WOVEN WIRE) (REMOVE AND RESET)	EA	1	$	$
92	GATE (FAUX WROUGHT IRON) (REMOVE AND RESET)	EA	1	$	$
93	GATE (TEMPORARY)	EA	1	$	$
94	ADJUST EXISTING SANITARY SEWER MANHOLE TOP	EA	4	$	$
95	MAILBOX (REMOVE AND RESET)	EA	6	$	$
96	SIGN POST (SQUARE STEEL)	EA	74	$	$
97	SIGNS (PERMANENT)	SF	540	$	$
98	HIGH-BUILD PAVEMENT MARKING PAINT (4-INCH WHITE)	LF	17,098	$	$
99	HIGH-BUILD PAVEMENT MARKING PAINT (4-INCH YELLOW)	LF	8,396	$	$
100	HIGH-BUILD PAVEMENT MARKING PAINT (8-INCH WHITE)	LF	395	$	$
101	HIGH-BUILD PAVEMENT MARKING PAINT (12-INCH WHITE)	LF	290	$	$
102	HIGH-BUILD PAVEMENT MARKING PAINT (12-INCH YELLOW)	LF	224	$	$
103	PREFORMED THERMO. PAVEMENT MARKING (6-INCH WHITE)	LF	3,011	$	$

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL COST
104	PREFORMED THERMO. PAVEMENT MARKING (24-INCH WHITE)	LF	1,062	$	$
105	PREFORMED THERMO. PAVEMENT MARKING SYMBOL (LEFT/RIGHT ARROW)	EA	119	$	$
106	PRE-FORMED THERMO. PAVEMENT MARKING SYMBOL (ONLY)	EA	2	$	$
107	TRAFFIC CONTROL SIGNING	SF	581	$	$
108	TRAFFIC CONTROL BARRICADE (TYPE III)	EA	47	$	$
109	TRAFFIC CONTROL CHANNELIZER	EA	90	$	$
110	TRAFFIC CONTROL FLASHING ARROW PANEL	EA	1	$	$
111	TRAFFIC CONTROL PORTABLE MESSAGE SIGN	EA	4	$	$
112	ALUMINUM STREET LIGHT POLE (P40S)	EA	9	$	$
113	ALUMINUM STREET LIGHT POLE (P40D)	EA	78	$	$
114	ALUMINUM STREET LIGHT POLE (P30S)	EA	7	$	$
115	15' ALUMINUM BRACKET ARM	EA	165	$	$
116	10' ALUMINUM BRACKET ARM	EA	7	$	$
117	LUMINAIRE (DESIGN TYPE A)	EA	165	$	$
118	LUMINAIRE (DESIGN TYPE B)	EA	7	$	$
119	STREET LIGHT POLE BASE (SCREW-IN)	EA	91	$	$
120	STREET LIGHT POLE BASE (CONCRETE)	EA	3	$	$
121	POWER SUPPLY (4 CIRCUIT)	EA	4	$	$
122	CONDUIT (2" HDPE) (INSTALLED)	LF	14,780	$	$
123	CONDUIT (3" PVC) (INSTALLED)	LF	75	$	$
124	DISTRIBUTION CABLE (3C #4)	LF	16,090	$	$
125	POLE AND BRACKET CABLE (1C #10)	LF	30,645	$	$
126	PULL BOX (CLASS I)	EA	7	$	$
127	JUNCTION BOX (TYPE I)	EA	25	$	$
128	JUNCTION BOX (TYPE II)	EA	10	$	$
129	MULTI-TAP CONNECTOR	EA	282	$	$

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL COST
130	FUSED BREAK-AWAY CONNECTOR	EA	656	$	$
131	NON-FUSED BREAK-AWAY CONNECTOR	EA	94	$	$
132	REMOVE EXISTING LIGHT POLES	EA	7	$	$
133	PEDESTAL POLE (8')	EA	25	$	$
134	PEDESTAL POLE (15')	EA	1	$	$
135	MAST ARM POLE (24')	EA	1	$	$
136	MAST ARM POLE (32')	EA	1	$	$
137	MAST ARM POLE (40')	EA	1	$	$
138	MAST ARM POLE (42')	EA	2	$	$
139	MAST ARM POLE (44')	EA	3	$	$
140	MAST ARM POLE (46')	EA	2	$	$
141	MAST ARM POLE (48')	EA	2	$	$
142	MAST ARM POLE (50')	EA	1	$	$
143	MAST ARM POLE (52')	EA	1	$	$
144	MAST ARM POLE (54')	EA	1	$	$
145	LUMINAIRE (TRAFFIC SIGNAL)	EA	15	$	$
146	BASE (B10) (TRAFFIC SIGNAL)	EA	2	$	$
147	BASE (B13) (TRAFFIC SIGNAL)	EA	13	$	$
148	BASE (C) (TRAFFIC SIGNAL)	EA	26	$	$
149	BASE (EV) (TRAFFIC SIGNAL)	EA	4	$	$
150	PULL BOX (CLASS 2) (TRAFFIC SIGNAL)	EA	9	$	$
151	PULL BOX (CLASS 3) (TRAFFIC SIGNAL)	EA	7	$	$
152	PULL BOX (FIBER OPTIC)	EA	75	$	$
153	CABLE (#6 GROUND) (TRAFFIC SIGNAL)	LF	2,412	$	$
154	CABLE (3c #8) (TRAFFIC SIGNAL)	LF	2,856	$	$
155	CABLE (2c #14) (TRAFFIC SIGNAL)	LF	5,816	$	$
156	CABLE (5c #14) (TRAFFIC SIGNAL)	LF	5,846	$	$

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL COST
157	CABLE (7c #14) (TRAFFIC SIGNAL)	LF	10,331	$	$
158	CABLE (3c #16) (TRAFFIC SIGNAL)	LF	425	$	$
159	CABLE (COAX) (TRAFFIC SIGNAL)	LF	425	$	$
160	CABLE (FIBER OPTIC, 24c)	LF	310	$	$
161	CABLE (FIBER OPTIC, 96c)	LF	15,809	$	$
162	TRAFFIC SIGNAL HEAD	EA	82	$	$
163	TRAFFIC SIGNAL CONTROLLER ASSEMBLY	EA	4	$	$
164	RADAR DETECTION SYSTEM	LS	4	$	$
165	EMERGENCY VEHICLE DETECTION SYSTEM	LS	4	$	$
166	POWER SUPPLY (DUAL METER) (TRAFFIC SIGNAL)	EA	2	$	$
167	POWER SUPPLY (1-CIRCUIT) (TRAFFIC SIGNAL)	EA	2	$	$
168	PAN TILT ZOOM (PTZ) CAMERA (COMPLETE)	EA	4	$	$
169	CONDUIT (2") (TRAFFIC SIGNAL)	LF	174	$	$
170	CONDUIT (2" HDPE) (TRAFFIC SIGNAL)	LF	13,459	$	$
171	CONDUIT (3") (TRAFFIC SIGNAL)	LF	874	$	$
172	CONDUIT (4") (TRAFFIC SIGNAL)	LF	1,599	$	$
173	SIGNS (TRAFFIC SIGNAL)	SF	306.1	$	$
174	DECIDUOUS TREES (2.0" CAL.)	EA	17	$	$
175	ORNAMENTAL TREES (1.5" CAL.)	EA	23	$	$
176	EVERGREEN TREES (7' HEIGHT)	EA	6	$	$
177	GRASSES AND PERENNIALS- 1 GAL	EA	5,415	$	$
178	GRASSES AND PERENNIALS- 4" POT	EA	2,567	$	$
179	SEDGES- PLUG	EA	1,349	$	$
180	TREE HYDRATION BLADDERS (36 INCH DIAMETER)	EA	46	$	$
181	STEEL EDGING	LF	910	$	$
182	CONCRETE RIBBON CURB	LF	326	$	$
183	TOPSOIL-PLANTING BEDS 6" DEPTH	CY	3,359	$	$

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL COST
184	PVC WATER MAIN (16")(C900)(DR18)	LF	7,001	$	$
185	PVC WATER MAIN (12")(C900)(DR18)	LF	715	$	$
186	PVC WATER MAIN (20")(C900)(DR18)	LF	5295	$	$
187	PVC WATER MAIN (8") (C900) (DR18)	LF	554	$	$
188	DIP WATER MAIN (16") ZINC COATED V-BIO POLY WRAPPED	LF	107	$	$
189	PVC WATER SERVICE (2")	LF	214	$	$
190	BEND (16") (11.25 DEG.)	EA	14	$	$
191	BEND (16") (22.5 DEG.)	EA	4	$	$
192	BEND (16") (45 DEG.)	EA	18	$	$
193	BEND (12") (11.25 DEG.)	EA	3	$	$
194	BEND (20") (11.25 DEG.)	EA	6	$	$
195	BEND (20") (22.5 DEG.)	EA	1	$	$
196	BEND (20") (45 DEG.)	EA	16	$	$
197	BEND (12") (45 DEG.)	EA	2	$	$
198	BEND (8") (45 DEG.)	EA	13	$	$
199	TEE (20"x20")	EA	1	$	$
200	TEE (20"x8")	EA	1	$	$
201	TEE (20"x6")	EA	11	$	$
202	TEE (16"x16")	EA	1	$	$
203	TEE (16"x12")	EA	4	$	$
204	TEE (16"x8")	EA	4	$	$
205	TEE (16"x6")	EA	18	$	$
206	TEE (6"x6")	EA	1	$	$
207	TAPPING SADDLE (2")	EA	1	$	$
208	BUTTERFLY VALVE (20")	EA	8	$	$
209	BUTTERFLY VALVE (16")	EA	4	$	$
210	BUTTERFLY VALVE (12")	EA	4	$	$
211	GATE VALVE (8")	EA	5	$	$

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL COST
212	GATE VALVE (6")	EA	20	$	$
213	SOLID SLEEVE (20")	EA	3	$	$
214	SOLID SLEEVE (16")	EA	15	$	$
215	SOLID SLEEVE (12")	EA	4	$	$
216	SOLID SLEEVE (8")	EA	6	$	$
217	REDUCER (20"x16")	EA	1	$	$
218	AIR RELEASE ASSEMBLY	EA	8	$	$
219	TRIVIEW MARKER POST	EA	21	$	$
220	REMOVE AND RESET FIRE HYDRANT ASSEMBLY (EXISTING)	EA	6	$	$
221	RELOCATE FIRE HYDRANT ASSEMBLY(EXISTING)	EA	5	$	$
222	FIRE HYDRANT ASSEMBLY (NEW)	EA	19	$	$
223	CONNECT TO WATER METER (EXISTING)	EA	1	$	$
224	RESERVED – NOT USED	EA	0	$-0-	$-0-
225	WATER METER W/ METER WELL (NEW)	EA	1	$	$
226	TRENCH CHECK	EA	16	$	$
227	SERVICE CONNECTION (2")	EA	1	$	$
228	RESERVED – NOT USED	EA	0	$-0-	$-0-
229	30" D.I.P. (CL54) W/ POLYWRAP WATER MAIN	LF	737	$	$
230	44" DIA STEEL WATER MAIN CASING AND APPURTENANCES	LF	40	$	$
231	STRADDLE BLOCK	EA	4	$	$
232	BEND (30") (22.5 DEG.)	EA	8	$	$
233	TEE (30"x6")	EA	1	$	$
234	BUTTERFLY VALVE (30")	EA	1	$	$
235	SOLID SLEEVE (30")	EA	4	$	$
236	CAP – 30”	EA	4	$	$
237	AIR RELEASE VALVE WITH VAULT	EA	1	$	$
238	TEMPORARY FLUSHING ASSEMBLY	EA	4	$	$

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL COST
239	KC SPEC. FH ASSEMBLY (NEW)	EA	1	$	$
240	SUBGRADE GEOGRID	SY	116,053	$	$
241	PORTLAND CEMENT CONC. PVMT. (6") (KCMMB 4K) (SIDEROAD)	SY	2,809	$	$
				TOTAL	$

The extended prices for Unit Price Work set forth as of the Effective Date of the Contract are based on estimated quantities. As provided in Paragraph 13.03 of the General Conditions, estimated quantities are not guaranteed, and determinations of actual quantities and classifications are to be made by Engineer.

ARTICLE 6—PAYMENT PROCEDURES

6.01 *Submittal and Processing of Payments*

A. Contractor shall submit Applications for Payment in accordance with Article 15 of the General Conditions. Applications for Payment will be processed by Engineer as provided in the General Conditions.

6.02 *Progress Payments; Retainage*

A. Owner shall make progress payments on the basis of Contractor's Applications for Payment monthly performance of the Work as provided in ~~Paragraph 6.02.A.1~~ below, provided that such Applications for Payment have been submitted in a timely manner and otherwise meet the requirements of the Contract. All such payments will be measured by the Schedule of Values established as provided in the General Conditions (and in the case of Unit Price Work based on the number of units completed) or, in the event there is no Schedule of Values, as provided elsewhere in the Contract.

1. ~~Prior to Substantial Completion, progress payments will be made in an amount equal to the percentage indicated below but, in each case, less the aggregate of payments previously made and less such amounts as Owner may withhold, including but not limited to liquidated damages, in accordance with the Contract.~~

   a. ~~**95** percent of the value of the Work completed (with the balance being retainage).~~

   b. ~~**100** percent of cost of materials and equipment not incorporated in the Work (with the balance being retainage).~~

B. ~~Upon Substantial Completion, Owner shall pay an amount sufficient to increase total payments to Contractor to **95** percent of the Work completed, less such amounts set off by Owner pursuant to Paragraph 15.01.E of the General Conditions, and less **150** percent of Engineer's estimate of the value of Work to be completed or corrected as shown on the punch list of items to be completed or corrected prior to final payment.~~

C. In accordance with the Missouri Prompt Pay Act (8.960 RSMo), the Owner may withhold payment for any of the following reasons, or as determined by the engineer.

1. liquidated damages
2. unsatisfactory job progress
3. defective construction work or material not remedied
4. disputed work
5. failure to comply with any material provision of the contract
6. third party claims filed or reasonable evidence that a claim will be filed
7. failure to make timely payments for labor, equipment or materials
8. damage to a contractor, subcontractor or material supplier
9. 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
10. 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.

6.03 *Final Payment*

A. Upon final completion and acceptance of the Work, Owner shall pay the remainder of the Contract Price in accordance with Paragraph 15.06 of the General Conditions.

6.04 *Consent of Surety*

A. Owner will not make final payment~~, or return or release retainage at Substantial Completion or any other time~~, unless Contractor submits written consent of the surety to such payment, ~~return, or release~~.

6.05 *Interest*

A. All amounts not paid when due will bear interest at the rate as specified by Missouri State Statute, RSMo 8.960.

ARTICLE 7—CONTRACT DOCUMENTS

7.01 *Contents*

A. The Contract Documents consist of all of the following:
   1. This Agreement.
   2. Bonds:
      a. Performance bond (together with power of attorney).
      b. Payment bond (together with power of attorney).
   3. General Conditions.
   4. Supplementary Conditions.
   5. Specifications as listed in the table of contents of the Project Manual.

6. Drawings (not attached but incorporated by reference) consisting of **706** sheets with each sheet bearing the following general title: **Pryor Road Improvements**

7. Addenda (numbers **[number]** to **[number]**, inclusive).

8. The following which may be delivered or issued on or after the Effective Date of the Contract and are not attached hereto:

    a. Notice to Proceed.

    b. Work Change Directives.

    c. Change Orders.

    d. Field Orders.

    e. Warranty Bond, if any.

9. Price Indexing Statements, C-605

B. The Contract Documents listed in Paragraph 7.01.A are attached to this Agreement (except as expressly noted otherwise above).

C. There are no Contract Documents other than those listed above in this Article 7.

D. The Contract Documents may only be amended, modified, or supplemented as provided in the Contract.

ARTICLE 8—REPRESENTATIONS, CERTIFICATIONS, AND STIPULATIONS

8.01 *Contractor's Representations*

A. In order to induce Owner to enter into this Contract, Contractor makes the following representations:

1. Contractor has examined and carefully studied the Contract Documents, including Addenda.

2. Contractor has visited the Site, conducted a thorough visual examination of the Site and adjacent areas, and become familiar with the general, local, and Site conditions that may affect cost, progress, and performance of the Work.

3. Contractor is familiar with all Laws and Regulations that may affect cost, progress, and performance of the Work.

4. Contractor has carefully studied the reports of explorations and tests of subsurface conditions, if any, at or adjacent to the Site and the drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, with respect to the Technical Data in such reports and drawings.

5. Contractor has carefully studied the reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, with respect to Technical Data in such reports and drawings.

6. Contractor has considered the information known to Contractor itself; information commonly known to contractors doing business in the locality of the Site; information and

observations obtained from visits to the Site; the Contract Documents; and the Technical Data identified in the Supplementary Conditions or by definition, with respect to the effect of such information, observations, and Technical Data on (a) the cost, progress, and performance of the Work; (b) the means, methods, techniques, sequences, and procedures of construction to be employed by Contractor; and (c) Contractor's safety precautions and programs.

7. Based on the information and observations referred to in the preceding paragraph, Contractor agrees that no further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract.

8. Contractor is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Contract Documents.

9. Contractor has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Contractor has discovered in the Contract Documents, and of discrepancies between Site conditions and the Contract Documents, and the written resolution thereof by Engineer is acceptable to Contractor.

10. The Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.

11. Contractor's entry into this Contract constitutes an incontrovertible representation by Contractor that without exception all prices in the Agreement are premised upon performing and furnishing the Work required by the Contract Documents.

8.02 *Contractor's Certifications*

A. Pursuant to Section 34.600, RSMo., and to the fullest extent permitted by law, Contractor certifies that it is not engaged in a boycott of Israel as of the Effective Date of this Agreement, and agrees for the duration of this Agreement to not engage in a boycott of Israel.

B. Contractor certifies that it has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for or in executing the Contract. For the purposes of this Paragraph 8.02:

1. "corrupt practice" means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process or in the Contract execution;

2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process or the execution of the Contract to the detriment of Owner, (b) to establish Bid or Contract prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;

3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish Bid prices at artificial, non-competitive levels; and

4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

8.03 *Standard General Conditions*

A. Owner stipulates that if the General Conditions that are made a part of this Contract are EJCDC® C-700, Standard General Conditions for the Construction Contract (2018), published by the Engineers Joint Contract Documents Committee, and if Owner is the party that has furnished said General Conditions, then Owner has plainly shown all modifications to the standard wording of such published document to the Contractor, through a process such as highlighting or "track changes" (redline/strikeout), or in the Supplementary Conditions.

8.04 *Other Provisions*

A. This Agreement and all work related to this Project shall be governed by the laws of the State of Missouri and shall be litigated and/or mediated in Jackson County, Missouri.

IN WITNESS WHEREOF, Owner and Contractor have signed this Agreement.

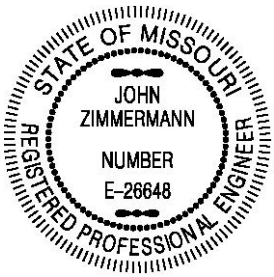
This Agreement will be effective on _____ (which is the Effective Date of the Contract).

Owner:	**Contractor:**
City of Lee's Summit, Missouri	
By:	By:
Date:	Date:
Name: Mark Dunning	Name:
Title: City Manager	Title:
	*(If **[Type of Entity]** is a corporation, a partnership, or a joint venture, attach evidence of authority to sign.)*
Attest:	Attest:
Title: City Clerk	Title:
Address for giving notices:	Address for giving notices:
220 SE Green Street	
Lee's Summit, MO 64063	
Designated Representative:	Designated Representative:
Name: George M. Binger III	Name:
Title: City Engineer	Title:
Address:	Address:
220 SE Green Street	
Lee's Summit, MO 64063	
Phone: 816.969.1800	Phone:
Email:	Email:
APPROVED AS TO FORM:	License No.: *(where applicable)*
_____	State:
Office of the City Attorney	

SECTION 01010 – JOB SPECIAL PROVISIONS

JOB SPECIAL PROVISIONS TABLE OF CONTENTS (ROADWAY)

(Job Special Provisions shall prevail over General Special Provisions whenever in conflict therewith.)



THIS DOCUMENT HAS BEEN
ELECTRONICALLY SEALED AND DATED

JOB
SPECIAL PROVISIONS

A. General - Federal JSP-09-02K

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 2024 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.

1.3 Hierarchy of Specifications. The following hierarchy of specifications shall govern, with the specifications listed first governing over the specifications below it:

a. Contract Documents (Specifications and Plans)
b. City of Lee's Summit Standard Specifications
c. Greater KC American Public Works Association Standard Specifications

d. KCMO Water Department Standards and Specifications
e. MoDOT Standard Specifications

B. 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.

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.

C. 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 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 Dial 911 for ambulance, fire or law enforcement services.

2.1 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.

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

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

Nikia Chapman-Freiberger
City of Lee's Summit
816-969-1800
Nikia.Chapman-Freiberger@cityofls.net

E. Supplemental Revisions JSP-18-01BB

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).

F. Preconstruction Meeting

Section 01125 – Project Meetings. Refer to KCMO WATER Section 01015 for additional Pre-Construction agenda items**.**

G. Environmental Requirements

1.0 Description. Environmental Clearances and Permit Requirements.

a. **Traffic Management Plan.** If the Contractor's Traffic Management Plan (TMP) deviates from the TMP in the plans, and results in impacts that were not previously included in the Categorical Exclusion, the MoDOT Environmental staff will review the proposed TMP under NEPA. The Contractor will be responsible to address any additional requirements.
b. **Asbestos Abatement.** The Contractor shall submit an Asbestos Project Notification to DNR and file an Asbestos Post-Notification with DNR after the work is completed. The Contractor will ensure a certified Contractor Supervisor is present, and a licensed asbestos abatement contractor will complete the abatement.
c. **Wetland Protection.** The Contractor shall mark the boundaries of wetlands, within the project easements and rights-of-way that would not be impacted by construction operations, in the field to ensure they are protected/avoided.
d. **Construction Equipment.** All construction equipment (trucks, vehicles, equipment, haulers, etc.) shall be in good working order and must have working mufflers to reduce construction noise impacts.
e. **Cultural Resources.** The Contractor is to halt all construction and notify the City immediately if materials that could be culturally significant are discovered during construction.
f. **Hazardous Waste.** If regulated solid or hazardous wastes are found during construction activities, the city's construction inspector will direct the contractor to cease work at the suspect site. The city's construction inspector will contact the appropriate MoDOT environmental specialist to discuss options for remediation. MoDOT's environmental specialist, the city's construction office, and the contractor will develop a plan for sampling, remediation, and continuation of project construction. Independent consulting, analytical and remediation services will be contracted, if necessary. The MDNR and EPA will be contacted for coordination and approval of required activities.

g. **Airport Coordination.** The Contractor is to file the project with the FAA by submitting a completed FAA Form 7460-1 to the FAA at least 45 days before the proposed start of construction date.

H. Tree Clearing Restriction JSP-07-05B

1.0 Description. The project is within the known breeding range of the federally endangered Indiana and Northern Long-eared bats. To avoid possible impacts to roosting Indiana and Northern Long-eared bats, tree clearing will only be allowed between November 1 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. The contractor shall have no claim, or basis for any claim or suit whatsoever, resulting from compliance with this provision.

I. Restrictions for Migratory Birds NJSP-16-06A

1.0 Description. Swallows or other bird species protected by the Migratory Bird Treaty Act may be nesting under the bridge or bridges that will be repaired under this contract.

2.0 Restrictions. To comply with the Migratory Bird Treaty Act, nests of protected species cannot be disturbed when active (eggs or young are present). Generally, nests are active between April 1 and July 31, but active nests can be present outside of these dates.

3.0 Avoidance Measures. The contractor shall not disturb active nests or destroy adults, eggs or young birds. In an effort to comply with the Migratory Bird Treaty Act, the contractor operations will be limited to the options established in the following sections.

3.1 Inactive or Partially Constructed Nests. If nests are present and MoDOT determines that the nests are inactive or partially constructed, the contractor may remove the nests provided that the colony's inactive or partially constructed nests are completely removed by March 15 and the contractor maintains a nest free condition until the bridge work is complete. Dry removal methods shall be used when practicable. If dry removal is not practicable, hydro cleaning may be used if approved by the Engineer and only if water is free of blasting grit, chemicals, or detergents, and applied using pressure less than 5,000 PSI. Clean water such as that from municipal water treatment plants or wells shall be used. Use of source water from Waters of the State (i.e., streams or lakes), is allowable, if the appropriate methods to prevent the possible spread of invasive aquatic species are implemented.

3.2 Water and Equipment Used for Hydro cleaning. Aquatic invasives such as zebra mussels and some algae species have infested several bodies of water in the United States and can be transported by vessels (barges, boats, tugs, tankers, etc.) and equipment (tanks, tubing, pumps, etc.) that have been used in areas that contain these invasive species. If equipment is not properly inspected and treated to prevent the spread of invasives, these species can be introduced into areas not currently known to have a population. These invasive species are detrimental to existing ecosystems and can outcompete native species. To assist in preventing the introduction and spread of aquatic invasive species through MoDOT projects in Missouri streams and lakes, the following precautions shall be followed.

3.2.1 Use of Water from Streams, Lakes or Ponds. Contractors shall not use water for nest

removal from streams, lakes or ponds, unless they have implemented appropriate methods to prevent the possible spread of invasive aquatic species. Water sources from municipal water treatment plants or wells may be used without following these measures provided the equipment to be used has not previously contained waters from streams, lakes or ponds. If the equipment has previously contained waters from other streams or lakes, the following measures must be implemented prior to use.

3.2.1.1 Equipment Washing. Prior to the use or re-use of equipment following any use with water from streams, lakes or ponds, all equipment shall be washed and rinsed thoroughly with hard spray (power wash) and hot (minimum 120° F) water, for at least one minute.

3.2.1.2 Equipment Treating or Drying. Equipment shall be treated or dried in one of the following manners.

3.2.1.2.1 Equipment interior and/or other surfaces shall be treated with a 10% bleach solution to kill any aquatic nuisance species. This solution must also be run through all intake lines and hoses, to sterilize interior components. When chlorine treatment is used, all chlorine runoff from equipment washing must be collected and properly treated and/or disposed of in accordance with Sec 806.

3.2.1.2.2 Equipment interior and/or other surfaces shall be treated with 140º F water for a minimum of 10 seconds contact on all surfaces. 140 º F water must also be run through all intake lines and hoses, to purge any standing water.

3.2.1.2.3 Equipment shall be flushed of all non-municipal water, and dried thoroughly, in the sun before using in or transporting between streams and lakes. Dry times will depend on the season the equipment is being used. Equipment must dry a minimum of 7 days for June-September, 18 days for March-May; 18 days for October-November, and 30 days for December-February. The drying method should be reserved as a last resort option.

3.2.2 Prior to use of equipment, contractors shall provide the MoDOT inspector written documentation of the equipment's geographic origin (including the water body it was last used in), as well as defining the specified treatment method used to adequately ensure protection against invasive species. The written documentation will include a statement indicating the contractor is aware of these provisions and will also treat the equipment appropriately after completion of the project.

3.3 Active Nests. The contractor may work on the bridge if active nests are present, as long as the work does not impact or disturb the birds and/or nests. At a minimum, work shall not be performed within 10 feet of an active nest; however, the contractor is responsible for ensuring their activities do not impact the nests, eggs, or young.

4.0 Additional Responsibilities. If active bird nests remain after all reasonable avoidance measures have been taken, or if bird nests are observed during project construction, the contractor shall notify the Resident Engineer and contact the MoDOT Environmental Section (573-526-4778) to determine if there are other allowable options.

J. Stormwater Compliance Requirements JSP-18-01BB

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 **$4,300** 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.

K. Utilities LPA-15-13A

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:

AT&T
Ron Gipfert
500 E 8th St
Kansas City, MO 64106
816-214-2132
Rg7910@att.com

Bluebird Communications
David Frazier
800 NW Chipman Rd #5750
Lee's Summit, MO 64063
877-766-2662
David.frazier@bluebirdnetwork.com

Charter Spectrum
Mike Henderson
8221 W 119th St
Overland Park, KS 66213
913-333-2294
Michael.henderson@charter.com

City of Lee's Summit Fiber
Bryan Hall
220 SE Green
Lee's Summit, MO 64063
816-969-1000
Bryan.hall@cityofls.net

City of Lee's Summit Water
Jeff Thorn
220 SE Green
Lee's Summit, MO 64063
816-969-1000
Jeff.thorn@cityofls.net

Everfast (Consolidated Communications)
John Castilow
14859 W 95th St
Lenexa, KS 66215
913-322-9785
John.Castilow@consolidated.com

Evergy
Eric Bowen

1105 SE, US-40 Hwy
Blue Springs, MO 64014
816-652-1608
Eric.bowen@evergy.com

Google Fiber
Lauren Marcucci
908 Broadway Blvd
Kansas City, MO 64105
913-663-1900
lmarcucci@google.com

KCMO Water
Kirk Rome
4800 SE 63rd St
Kansas City, MO 64130
816-513-0368
Kirk.rome@kcmo.org

Lee's Summit R-7 School District
Kinzie Wooderson
600 SE Miller
Lee's Summit, MO 64063
816-986-1050
Kinzie.wooderson@leesummit.k12.mo.us

Spire
Katelynn Liberty
3025 SE Clover Dr
Lee's Summit, MO 64082
816-260-6581
Katelynn.liberty@spireenergy.com

Tri-County Water Authority
John Overstreet
28405 E Blue Valley Rd
Independence, MO 64058
816-796-4100
j.overstreet@tri-countywaterauthority.com

Unite Private Networks
Brandon Myer
120 W 12th St, Floor 11
Kansas City, MO 64105
816-206-4257
Brandon.Myer@upnfiber.com

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 Local Public Agency at this time. This information is provided by the Local Public Agency "as-is" and the Local Public Agency

expressly disclaims any representation or warranty as to the completness, 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 agrees that any effects of the presence of the utilities, their relocation, contractor's coordination of work with the utilities and any delay in utility relocation shall not be compensable as a suspension of work, extra work, a change in the work, as a differing site condition or otherwise including but, without limitation, delay, impact, incidental or consequential damages. The contractor's sole remedy for the effects of the presence of utilities, delay in their relocation or any other effects shall be an excusable delay as provided in Section 105.7.3. The contractor waives, for itself, its subcontractors and suppliers the compensability of the presence of utilities, delay in their relocation and any cost to the contractor, it's subcontractors and suppliers in any claim or action arising out of or in relation to the work under the contract.

1.3 The contractor shall be solely responsible and liable for incidental and consequential damage to any utility facilities or interruption of the service caused by it or its subcontractors operation. The contractor shall hold and save harmless the Local Public Agency from damages to any utility facilities interruption of service by it or it's subcontractor's operation.

2.0 It shall be noted by the contractor that MoDOT is a member of Missouri One Call (800 Dig Rite). Some work on this project may be in the vicinity of MoDOT utility facilities, which includes but is not limited to traffic signal cables, highway lighting circuits, ITS cables, cathodic protection cables, etc. Prior to beginning work, the contractor shall request locates from Missouri One Call. The contractor shall also complete (if project is on MoDOT ROW) the Notice of Intent to Perform Work form located at the Missouri Department of Transportation website:

https://www.modot.org/intent-work

The contractor shall submit the form over the web (preferred method) or call 888-275-6636 (ASK MoDOT. The notice must be submitted a minimum of 2 and a maximum of 10 working days prior to excavation just as Missouri One Call requires.

L. LPA Buy America Requirements LPA-18-08A

106.9 Buy America Requirement. On all federal-aid projects, the contractor's attention is directed to Title 23 CFR 635.410 Buy America Requirements 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. Where steel or iron products or construction materials consisting primarily of non-ferrous metals, plastic and polymer-based products, glass, lumber or drywall are to be permanently incorporated into the contract work, these material shall be manufactured in the USA except for "minor usage" as described herein. Furthermore, any coating process of the steel or iron shall be performed in the USA. 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 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.

106.9.2 "Minor usage" of the above products or coating processes will be permitted, provided the cost of such products does not exceed 1/10 of one 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.

106.9.3 Buy America requirements include a step certification for all fabrication processes of all mentioned materials that are accepted per Sec 1000.

106.9.3.1 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 the following. That 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.

106.9.3.2 Items designated as Category 2 will include all other steel or iron products not in Category 1 and the construction materials under this requirement which are 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.

106.9.3.3 Any minor miscellaneous construction material, 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 all materials permanently incorporated in this project covered under this provision have been to the best of my knowledge procured and all manufactured domestically." The certification shall be signed by an authorized representative of the prime contractor.

106.9.3.4 The National Transportation Product Evaluation Program (NTPEP) compliance program verifies that some non-iron and steel products fabrication processes conform to 23 CFR 635.410 Buy America Requirements and an acceptable standard per 23 CFR 635.410(d). NTPEP compliant suppliers will not be required to submit step certification documentation with the shipment for some selected non-iron and steel materials. The NTPEP compliant supplier shall maintain the step certification documentation on file and shall provide this documentation to the engineer upon request.

106.9.4 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.

106.9.5 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.

M. 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:

https://epg.modot.org/forms/CM/ADA_Checklist.pdf

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'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-complaint 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 complaint 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-complaint items that are allowed to remain at the end of the construction project. Specific details of the non-complaint 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.

N. 127.27 Guidelines for Obtaining Environmental Clearance for Project Specific Locations

Guidelines for obtaining environmental clearance for off-site activities such as:

Borrow Sites	Haul Roads
Burn Pits	Staging Areas
Spoil Sites	and Quarries.

The necessary clearances for disturbed areas such as those referenced above shall be obtained prior to using these areas for projects. The Contractor is encouraged to consider using material from previously disturbed locations (substantial disturbance) or disturbed areas that have previously been cleared, precluding the need to address most, if not all, of the issues described below. The

contractor shall include the federal project number on all correspondence. Documentation of the completed determinations and any coordination is required to be submitted to the MoDOT Resident Engineer (RE) for all resources listed below. The transmittal letter must include county, route and job number of the project, along with a map depicting the location and limits of the site(s). For material coming from quarries, documentation that the quarry is approved and permitted by the Missouri Department of Natural Resources will be sufficient for approval (see MDNR map).

The following process addresses the primary environmental issues related to clearance of disturbed areas such as borrow sites, spoil sites, staging areas, etc.:

Contents

O. Sprinkler Systems

1.01 SECTION 1155 IS MODIFIED AS FOLLOWS:

A. Contractor to coordinate repairs and relocations of underground sprinkler systems with the property owner. The City endeavored to locate all the systems, but not all may have been discovered. The Contractor is to investigate prior to bidding. No direct payment will be made for repairs and relocations for the known systems or any discovered during construction.

P. Project Signing Restrictions

1.01 SIGNING RESTRICTION

A. Only signs allowed on the project are those information signs and traffic control devices that conform to the standards developed by the Secretary of Transportation or mandates of Federal law and shall not include promotional or other informational signs regarding such matters as identification of public officials, contractors, organizational affiliations, and related logos and symbols.

B. Project signs, meeting paragraph A standards, may erected to identify funding sources, for the life of the construction project, in accordance with section 154 of the Surface Transportation and Uniform Relocation Assistance Act of 1987.

Q. Demolition and Removal of Building

1.01 TRACT 27

A. Demolish and remove the residential building, including foundation removal, at 1925 SW Scherer Road, at approximately Station 230+00, RT.

1. The Contractor is responsible for obtaining a City Demolition Permit, along with coordinating disconnection of all utilities. Permit fees are waived.

2. MoDOT Specifications, Section 202.40 shall govern, except where modified by this Project Special Provision. Contractor is directed to review and execute the monitoring requirements of Section 202.40.4.8.

3. Demolition shall include capping of existing utilities, demolition of residential structure, removal of any asbestos containing material, removal of foundation (completely) and any foundation drainage systems, backfill of foundation, removal of existing drives and sidewalk, grading of the lot to drain, tree removal and clearing unless otherwise directed by the City Engineer.

4. The Contractor shall remove all rubbish and materials and fill excavations to existing grade so that the premises are left in a safe and sanitary condition and can be maintained in accordance with the property maintenance code within 28 days from the date of demolition. Demolition permits are valid for a maximum time period of 60 days from the date of issuance.

B. The Contractor shall provide the City's Project Manager a minimum of 48 hours' notice prior to demolishing the home.

C. This site was investigated for hazardous materials. See Section SC-5.06 of the Supplementary Conditions.

1. Asbestos Abatement

i. A total of four Asbestos Containing Materials (ACMs) were identified inside the structure, and a total of five ACMs were identified on the exterior of the structure. ACMs shall be abated prior to the start of demolition to minimize the volume of asbestos-containing building debris. These ACMs are required to be disposed as asbestos-containing waste at a solid waste landfill permitted to accept friable ACM.

ii. Abatement shall be performed by a Missouri licensed asbestos abatement contractor in accordance with Missouri Department of Natural Resources (MDNR) and EPA applicable asbestos regulations. The Contractor shall provide MDNR a courtesy notification of the 10-day Asbestos Demolition Notification Form prior to the start of demolition activities. The Contractor shall submit an MDNR asbestos abatement notification to conduct abatement activities.

2. Based Paint Removal

i. Lead Based Paint (LBP) was identified on exterior door casings, door frames, wood windows, and planter boxes. The LBP was generally observed intact. Additionally, lead glazing was identified on the bathtub and wall tiles located in Bathroom 2.

ii. Lead abatement is not required in advance of building demolition activities, so long as Toxicity Characteristic Leaching Procedure (TCLP) laboratory analysis indicates lead concentrations contained within the demolition debris are below the EPA "Rule of 20", 100 parts per million (ppm).

3. Universal Hazardous Waste Removal

i. Observed UHW included containers of paints, cleaners, insecticides, florescent light bulbs, light ballasts, propane tanks, etc.

ii. Universal Hazardous Waste (UHW) located at the Property shall be removed, transported, and properly disposed prior to the start of demolition activities. Contractors removing materials and components shall be experienced, trained, licensed and insured for the hazards they may encounter.

4. The Contractor shall provide to the Owner copies of non-hazardous or hazardous waste manifests and disposal/recycling certificates from waste receiving facilities.

R. KCMO 30" Water Main

1.01 GENERAL

A. Construction of the relocation of the segments of KCMO 30" Water Main detailed in the plans shall be governed by the minimum guidelines, specifications and standards of the Kansas City, Missouri Water Services Department (WSD) as included in these specifications and found on the WSD website.

1.02 MEASUREMENT AND PAYMENT

A. See Section 1120.

S. Warranties

1.01 GENERAL

A. Warranty/Performance Period

1. Due to the funding requirements of this project, Contractor performance-based guarantees/warranties are not required.

2. All references to Contractor performance-based warranties or Performance Periods within the Plans and Specifications, including in the KCMO water main specifications, shall be disregarded.

B. Warranties

1. Contractor is required to provide information for all routine manufacturer guarantees/warranties to the City as a part of the final Project paperwork.

T. Radar Detection System

1.01 GENERAL

A. Radar Detection System shall be mounted at the locations shown on the plans in accordance with manufacturer's recommendations. All wiring shall be continuous and un-spliced from the detector unit to the controller. The contractor shall make any necessary adjustments for proper operation of the detector.

1.02 PRODUCTS

A. The proposed Radar Detection System must be the brand and model shown on the plans, identified on the City's Approved Materials List for Traffic Signals at the time of bid, or must be approved by the City on an Addendum prior to the bid letting.

B. Bidders must submit alternative products at least 14 calendar days prior to the bid letting. The Contractor is solely responsible for integration of alternative products into the traffic signal. If the supplied alternative product does not function with the other signal devices or controller, the Contractor must submit a new product for review and replace the unusable device at their cost.

1.03 MEASUREMENT AND PAYMENT

A. See Section 1120.

U. Emergency Vehicle Detection System

1.01 GENERAL

A. Emergency Vehicle Detection System shall be mounted at the locations shown on the plans in accordance with manufacturer's recommendations. All wiring shall be continuous and un-spliced from the detector unit to the controller. The contractor shall make any necessary adjustments for proper operation of the detector.

1.01 PRODUCTS

A. The proposed Emergency Vehicle Detection System must be the brand and model shown on the plans, identified on the City's Approved Materials List for Traffic Signals at the time of bid, or must be approved by the City on an Addendum prior to the bid letting.

B. Bidders must submit alternative products at least 14 calendar days prior to the bid letting. The Contractor is solely responsible for integration of alternative products into the traffic signal. If the supplied alternative product does not function with the other signal devices or controller, the Contractor must submit a new product for review and replace the unusable device at their cost.

1.02 MEASUREMENT AND PAYMENT

A. See Section 1120.

V. Demolition and Removal

1.01 GENERAL

A. Demolition and Removal

1. This work shall consist of This work shall consist of removing and disposing of all existing improvements for roadway contracts from the right of way and within the limits of any construction easement outside the right of way, except improvements designated to remain in place or to be removed under other items of work.

2. Demolition and Removal shall include removing all drainage structures, pavement, surfacing and base courses, curb, gutter, sidewalks, house walks, steps, retaining walls, foundation walls, columns, footings, concrete floors, cisterns, catch basins, uncontaminated storage tanks, manholes, drainage and sewer pipes, water and gas main pipes, signs, fences, scattered or piled bricks, stones, broken masonry, rubbish, debris, outdoor advertising signs, etc., from existing improvements.

3. The plans may not show a complete list of all items to be removed. There may be an undetermined number of abandoned utilities, basement or foundation walls, columns, footings or other improvements encountered. The contractor shall determine the extent of the work to be performed under this item.

1.02 Measurement and Payment.

A. See Section 1120.

W. (Addendum 1) Storm Pipe Polypropylene

1.01 General

A. The contractor may use either Reinforced Concrete Pipe or its equivalent Polypropylene Pipe and subsequent storm components for the storm sewer system as described in the following table. Polypropylene Pipe shall be paid for as its original bid item equivalent Reinforced Concrete Pipe counterpart. It is the contractor's responsibility to confirm the correct equivalent polypropylene component is installed and is responsible for installing polypropylene pipes in accordance with the manufacturer's specifications. The following table maps the polypropylene component to the original bid form component. All costs for the equivalent pipe, including excavation, backfill, jointing, etc. shall be included in the bid price.

ITEM NO.	ITEM DESCRIPTION	EQUIVALENT POLYPROPYLENE COMPONENT
52	END SECTIONS (15" RCP)	15" RC End Section
53	END SECTIONS (18" RCP)	18" RC End Section
54	END SECTIONS (24" RCP)	24" RC End Section
58	STORM SEWERS (15") (RCP)	15" Polypropylene Storm Sewer Pipe (Dual Wall)
59	STORM SEWERS (18") (RCP)	18" Polypropylene Storm Sewer Pipe (Dual Wall)
60	STORM SEWERS (24") (RCP)	24" Polypropylene Storm Sewer Pipe (Dual Wall)
61	STORM SEWERS (30") (RCP)	30" Polypropylene Storm Sewer Pipe (Dual Wall)
62	STORM SEWERS (36") (RCP)	36" Polypropylene Storm Sewer Pipe (Dual Wall)
63	STORM SEWERS (42") (RCP)	42" Polypropylene Storm Sewer Pipe (Dual Wall)
64	STORM SEWERS (48") (RCP)	48" Polypropylene Storm Sewer Pipe (Dual Wall)
65	STORM SEWERS (54") (RCP)	60" Polypropylene Storm Sewer Pipe (Dual Wall)
66	STORM SEWERS (72") (RCP)	72" Polypropylene Storm Sewer Pipe (Dual Wall)

X. (ADDENDUM 2) PTZ CAMERA

1) The City has approved the following camera for the traffic signals:
   i) AXIS Q6135-LE PTZ Network Camera

Y. (ADDENDUM 2) STREET LIGHTING LED APPROVED PROJECT LIST

1) The following list supersedes all previous approved item lists, details, and specifications for Street Lighting luminaires.
2) Approved items:
   a) CLASS 1 LED COBRA HEAD LUMINAIRES (Standard Gray Finish)
      i) American Electric Lighting (AEL) Autobahn: ATB0-P202-MVOLT-R3-BL-AO
      ii) Leotek Green Cobra: GCJ3-30J-MV-40K-3R-GY-075-BBL
      iii) Streetworks Archeon: ARCH-S-PA1-50-740-U-T3-AP-10K-K-FADC
   b) CLASS 2 LED COBRA HEAD LUMINAIRES (Standard Gray Finish)
      i) American Electric Lighting (AEL) Autobahn: ATB0-P303-MVOLT-R3-BL-AO

ii) Leotek Green Cobra: GCM2-60J-MV-40K-3R-GY-155-BBL
iii) Streetworks Archeon; ARCH-M-PA2-100-740-U-T3-AP-10K-K-FADC

c) CLASS 3 LED COBRA HEAD LUMINAIRES (Standard Gray Finish)
i) American Electric Lighting (AEL) Autobahn: ATB0-P455-MVOLT-R3-BL-AO
ii) Leotek Green Cobra: GCL2-80J-MV-40K-3R-GY-275-BBL
iii) Streetworks Archeon: ARCH-L-PA3-190-740-U-T3-AP-10K-K-FADC

END OF SECTION

measures, flushing, disinfection, pressure testing, backfilling, compacting, grading and removal of excess or unsuitable material, as required by the drawings and specifications.

1.0238 **TEMPORARY FLUSHING ASSEMBLY**

A. Method of Measurement: Final measurement will be based on each completed and installed item.

B. Basis of Payment: Payment for temporary flushing assemblies shall be based on the unit price per each as set forth in the Agreement. Said price shall include all costs necessary to complete the work including, but not limited to all excavation (earth, rock, shale, etc.), dewatering, bedding, polyethylene encasement, placing, pipe to valve connections, restraint measures, flushing, disinfection, pressure testing, backfilling, compacting, grading and removal of excess or unsuitable material, as required by the drawings and specifications. This item shall only be paid for the first successful test. All failed tests or additional tests on the same segment of relocated main shall be the Contractor's sole responsibility.

1.0239 **KC SPEC. FH ASSEMBLY (NEW)**

A. Same as Item 1.0222.

1.0240 **SUBGRADE GEOGRID**

A. Method of Measurement: Final Measurement will be based on the square yard of the completed and installed item.

B. Basis of Payment: Payment for Subgrade Geogrid shall be based on the unit price per square yard as set forth in the agreement, per the type of material of the installed item. Said price shall include all costs necessary to complete the work, including, but not limited to placing, overlapping, protecting, and following manufacturers requirements.

1.0241 **PORTLAND CEMENT CONCRETE PAVEMENT (6") (KCMMB 4K) (SIDEROAD)**

A. Same as Item 1.014.

END OF SECTION

NO.	DESCRIPTION	UNIT	QUANTITY
1	MOBILIZATION	LS	1
2	CLEARING AND GRUBBING	AC	35
3	DEMOLITION AND REMOVAL	LS	1
4	DEMOLITION AND REMOVAL OF BUILDING	LS	1
⚠1 5	~~OFFICE FOR ENGINEER~~	~~EA~~	~~1~~
6	UNCLASSIFIED EXCAVATION	CY	73,024
7	EMBANKMENT	CY	62,087
8	WASTE (HAUL OFF)	CY	5,042
9	SUBGRADE COMPACTION (12") (95% MR 0+3)	SY	115,800
⚠1 10	AGGREGATE BASE ~~(4")~~ (6") (MODOT TYPE 5)	SY	116,053
11	AGGREGATE BASE (4") (MODOT TYPE 5) (SIDEWALK)	SY	22,938
12	AGGREGATE BASE (4") (MODOT TYPE 5) (DRIVEWAY)	SY	782
13	AGGREGATE SURFACING (6") (GRADE A OR B)	SY	301
14	PORTLAND CEMENT CONC. PVMT. (9") (KCMMB 4K)	SY	90,406
⚠1 15	PORTLAND CEMENT CONC. PVMT. ~~(8")~~ (6") (KCMMB 4K) (DRIVEWAY)	SY	717
16	PORTLAND CEMENT CONC. PVMT. (4") (KCMMB 4K) (SIDEWALK)	SY	7,110
17	PORTLAND CEMENT CONC. PVMT. (6") (KCMMB 4K) (SHARED USE PATH)	SY	15,186
18	PORTLAND CEMENT CONC. PVMT. (6") (KCMMB 4K) (REINFORCED)	SY	642
19	ADA RAMPS (ALL TYPES)	SY	632
20	ALTERNATIVE MEDIAN TREATMENT	SY	1,125
21	MEDIAN NOSE	SY	256
22	CONCRETE CURB AND GUTTER (TYPE CG-1)	LF	56,312
23	ASPHALT CONC. PVMT. (10")(COMMERCIAL GRADE)	SY	1,226
24	ROCK DITCH LINER (TYPE 3)	CY	102
25	ROCK LINING	CY	21
26	LEE'S SUMMIT CURB INLET (4'X3')	EA	22
27	LEE'S SUMMIT CURB INLET (6'X3')	EA	33
28	LEE'S SUMMIT CURB INLET (6'X4')	EA	1
29	LEE'S SUMMIT CURB INLET (6'X4.5')	EA	1
30	LEE'S SUMMIT CURB INLET (6'X5')	EA	1
31	LEE'S SUMMIT CURB INLET (8'X3')	EA	9
32	LEE'S SUMMIT CURB INLET (4'X3') (HAUNCHED)	EA	1
33	LEE'S SUMMIT CURB INLET (4'X4') (HAUNCHED)	EA	8
34	LEE'S SUMMIT CURB INLET (4'X5') (HAUNCHED)	EA	5
35	LEE'S SUMMIT CURB INLET (6'X3') (HAUNCHED)	EA	1
36	LEE'S SUMMIT CURB INLET (6'X3.5') (HAUNCHED)	EA	2
37	LEE'S SUMMIT CURB INLET (6'X4') (HAUNCHED)	EA	13
38	LEE'S SUMMIT CURB INLET (8'X4') (HAUNCHED)	EA	2
39	LEE'S SUMMIT FIELD INLET (3'X3')	EA	7
40	JUNCTION BOX (4'X3')	EA	4
41	JUNCTION BOX (4'X4')	EA	7
42	JUNCTION BOX (4'X5')	EA	2
43	JUNCTION BOX (5'X5')	EA	1
44	JUNCTION BOX (6'X3')	EA	2
45	JUNCTION BOX (6'X4')	EA	3
46	JUNCTION BOX (6'X5')	EA	1
47	JUNCTION BOX (9'X4')	EA	2
48	PRECAST MANHOLE (4' DIAMETER)	EA	1
49	ADJUSTMENT OF FIELD INLET	EA	1
50	CONVERT CURB INLET TO JUNCTION BOX	EA	3
51	END SECTIONS (12" HDPE)	EA	1
52	END SECTIONS (15" RCP)	EA	12
53	END SECTIONS (18" RCP)	EA	6
54	END SECTIONS (24" RCP)	EA	1
55	CONCRETE COLLAR	EA	2
56	UNDERDRAIN	LF	794

NO.	DESCRIPTION (CONTINUED)	UNIT	QUANTITY
57	STORM SEWERS (12") (HDPE)	LF	62
58	STORM SEWERS (15") (RCP)	LF	9,620
59	STORM SEWERS (18") (RCP)	LF	1,762
60	STORM SEWERS (24") (RCP)	LF	2,100
61	STORM SEWERS (30") (RCP)	LF	606
62	STORM SEWERS (36") (RCP)	LF	1,493
63	STORM SEWERS (42") (RCP)	LF	16
64	STORM SEWERS (48") (RCP)	LF	8
65	STORM SEWERS (54") (RCP)	LF	8
66	STORM SEWERS (72") (RCP)	LF	8
67	STORM SEWERS (76" X 48"") (RCPHE)	LF	8
68	REINFORCED CONCRETE BOX (12' X 5')	LF	330.3
69	CLASS B CONCRETE (RETAINING WALL)	CY	74.8
70	CLASS B CONCRETE (INTEGRAL SIDEWALK AND RETAINING WALL)	CY	73.2
71	CLASS 4 EXCAVATION	CY	740
72	PEDESTRIAN FENCE (60 IN.)	LF	105
73	SILT FENCE	LF	7,638
74	STRAW WATTLE	LF	2,773
75	COMPOST FILTER BERM	LF	10,855
76	ROCK DITCH CHECKS	LF	4,628
77	AREA INLET CHECKS	EA	9
78	CURB INLET CHECKS	EA	108
79	SEDIMENT REMOVAL	CY	715
80	EROSION CONTROL BLANKET (TYPE B)	SY	10,930
81	EROSION CONTROL BLANKET (TYPE G)	SY	912
82	SODDING	SY	48,082
83	SEEDING	AC	14
84	FENCE (WOVEN WIRE)	LF	4,511
85	FENCE (WOVEN WIRE) (REMOVE AND RESET)	LF	2,189
86	FENCE (FAUX WROUGHT IRON) (REMOVE AND RESET)	LF	411
87	FENCE (WHITE VINYL 3 RAIL)	LF	19
88	FENCE (TEMPORARY)	LF	803
89	GATE (WOVEN WIRE) (12')	EA	2
90	GATE (WOVEN WIRE) (24')	EA	2
91	GATE (WOVEN WIRE) (REMOVE AND RESET)	EA	1
92	GATE (FAUX WROUGHT IRON) (REMOVE AND RESET)	EA	1
93	GATE (TEMPORARY)	EA	1
94	ADJUST EXISTING SANITARY SEWER MANHOLE TOP	EA	4
95	MAILBOX (REMOVE AND RESET)	EA	6
96	SIGN POST (SQUARE STEEL)	EA	74
97	SIGNS (PERMANENT)	SF	540
98	HIGH-BUILD PAVEMENT MARKING PAINT (4-INCH WHITE)	LF	17,098
99	HIGH-BUILD PAVEMENT MARKING PAINT (4-INCH YELLOW)	LF	8,396
100	HIGH-BUILD PAVEMENT MARKING PAINT (8-INCH WHITE)	LF	395
101	HIGH-BUILD PAVEMENT MARKING PAINT (12-INCH WHITE)	LF	290
102	HIGH-BUILD PAVEMENT MARKING PAINT (12-INCH YELLOW)	LF	224
103	PREFORMED THERMO. PAVEMENT MARKING (6-INCH WHITE)	LF	3,011
104	PREFORMED THERMO. PAVEMENT MARKING (24-INCH WHITE)	LF	1,062
105	PREFORMED THERMO. PAVEMENT MARKING SYMBOL (LEFT/RIGHT ARROW)	EA	119
106	PRE-FORMED THERMO. PAVEMENT MARKING SYMBOL (ONLY)	EA	2
107	TRAFFIC CONTROL SIGNING	SF	581
108	TRAFFIC CONTROL BARRICADE (TYPE III) ⚠1	~~LF~~ EA	47
109	TRAFFIC CONTROL CHANNELIZER ⚠1	~~LF~~ EA	90
110	TRAFFIC CONTROL FLASHING ARROW PANEL	EA	1
111	TRAFFIC CONTROL PORTABLE MESSAGE SIGN	EA	4

SUMMARY OF QUANTITIES
SHEET 1 OF 3

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED
10/24/2024

ROUTE	STATE
	MO
DISTRICT	SHEET NO.
KC	11

COUNTY
JACKSON

JOB NO.
STBG-3378(403)

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION
10/24/2024	⚠1 QUANTITY CHANGES FOR ADDENDUM #1 & ADDENDUM #2

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

LEE'S SUMMIT MISSOURI
PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64063

TRANSYSTEMS
TRANSYSTEMS CORP.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)328-8601
MO STATE CERTIFICATE OF AUTHORITY # 273
ENGINEERING

REV.

NO.	DESCRIPTION (CONTINUED)	UNIT	QUANTITY
112	ALUMINUM STREET LIGHT POLE (P40S)	EA	9
113	ALUMINUM STREET LIGHT POLE (P40D)	EA	78
114	ALUMINUM STREET LIGHT POLE (P30S)	EA	7
115	15' ALUMINUM BRACKET ARM	EA	165
116	10' ALUMINUM BRACKET ARM	EA	7
117	LUMINAIRE (DESIGN TYPE A)	EA	165
118	LUMINAIRE (DESIGN TYPE B)	EA	7
119	STREET LIGHT POLE BASE (SCREW-IN)	EA	91
120	STREET LIGHT POLE BASE (CONCRETE)	EA	3
121	POWER SUPPLY (4 CIRCUIT)	EA	4
122	CONDUIT (2" HDPE) (INSTALLED)	LF	14,780
123	CONDUIT (3" PVC) (INSTALLED)	LF	75
124	DISTRIBUTION CABLE (3C #4)	LF	16,090
125	POLE AND BRACKET CABLE (1C #10)	LF	30,645
126	PULL BOX (CLASS I)	EA	7
127	JUNCTION BOX (TYPE I)	EA	25
128	JUNCTION BOX (TYPE II)	EA	10
129	MULTI-TAP CONNECTOR	EA	282
130	FUSED BREAK-AWAY CONNECTOR	EA	656
131	NON-FUSED BREAK-AWAY CONNECTOR	EA	94
132	REMOVE EXISTING LIGHT POLES	EA	7
133	PEDESTAL POLE (8')	EA	25
134	PEDESTAL POLE (15')	EA	1
135	MAST ARM POLE (24')	EA	1
136	MAST ARM POLE (32')	EA	1
137	MAST ARM POLE (40')	EA	1
138	MAST ARM POLE (42')	EA	2
139	MAST ARM POLE (44')	EA	3
140	MAST ARM POLE (46')	EA	2
141	MAST ARM POLE (48')	EA	2
142	MAST ARM POLE (50')	EA	1
143	MAST ARM POLE (52')	EA	1
144	MAST ARM POLE (54')	EA	1
145	LUMINAIRE (TRAFFIC SIGNAL)	EA	15
146	BASE (B10) (TRAFFIC SIGNAL)	EA	2
147	BASE (B13) (TRAFFIC SIGNAL)	EA	13
148	BASE (C) (TRAFFIC SIGNAL)	EA	26
149	BASE (EV) (TRAFFIC SIGNAL)	EA	4
150	PULL BOX (CLASS 2) (TRAFFIC SIGNAL)	EA	9
151	PULL BOX (CLASS 3) (TRAFFIC SIGNAL)	EA	7
152	PULL BOX (FIBER OPTIC)	EA	75
153	CABLE (#6 GROUND) (TRAFFIC SIGNAL)	LF	2,412
154	CABLE (3c #8) (TRAFFIC SIGNAL)	LF	2,856
155	CABLE (2c #14) (TRAFFIC SIGNAL)	LF	5,816
156	CABLE (5c #14) (TRAFFIC SIGNAL)	LF	5,846
157	CABLE (7c #14) (TRAFFIC SIGNAL)	LF	10,331
158	CABLE (3c #16) (TRAFFIC SIGNAL)	LF	425
159	CABLE (COAX) (TRAFFIC SIGNAL)	LF	425
160	CABLE (FIBER OPTIC, 24c)	LF	310
161	CABLE (FIBER OPTIC, 96c)	LF	15,809
162	TRAFFIC SIGNAL HEAD	EA	82
163	TRAFFIC SIGNAL CONTROLLER ASSEMBLY	EA	4
164	RADAR DETECTION SYSTEM	LS	4
165	EMERGENCY VEHICLE DETECTION SYSTEM	LS	4
166	POWER SUPPLY (DUAL METER) (TRAFFIC SIGNAL)	EA	2
167	POWER SUPPLY (1-CIRCUIT) (TRAFFIC SIGNAL)	EA	2

NO.	DESCRIPTION (CONTINUED)	UNIT	QUANTITY
168	PAN TILT ZOOM (PTZ) CAMERA (COMPLETE)	EA	4
169	CONDUIT (2") (TRAFFIC SIGNAL)	LF	174
170	CONDUIT (2" HDPE) (TRAFFIC SIGNAL)	LF	13,459
171	CONDUIT (3") (TRAFFIC SIGNAL)	LF	874
172	CONDUIT (4") (TRAFFIC SIGNAL)	LF	1,599
173	SIGNS (TRAFFIC SIGNAL)	SF	306.1
174	DECIDUOUS TREES (2.0" CAL.)	EA	17
175	ORNAMENTAL TREES (1.5" CAL.)	EA	23
176	EVERGREEN TREES (7' HEIGHT)	EA	6
177	GRASSES AND PERENNIALS- 1 GAL	EA	5,415
178	GRASSES AND PERENNIALS- 4" POT	EA	2,567
179	SEDGES- PLUG	EA	1,349
180	TREE HYDRATION BLADDERS (36 INCH DIAMETER)	EA	46
181	STEEL EDGING	LF	910
182	CONCRETE RIBBON CURB	LF	326
183	TOPSOIL-PLANTING BEDS 6" DEPTH	CY	3,359
184	PVC WATER MAIN (16")(C900)(DR18)	LF	7,001
185	PVC WATER MAIN (12")(C900)(DR18)	LF	⚠1 ~~697~~ 715
186	PVC WATER MAIN (20")(C900)(DR18)	LF	5,295
187	PVC WATER MAIN (8") (C900) (DR18)	LF	⚠1 ~~487~~ 554
188	DIP WATER MAIN (16") ZINC COATED V-BIO POLY WRAPPED	LF	⚠1 ~~87~~ 107
189	PVC WATER SERVICE (2")	LF	214
190	BEND (16") (11.25 DEG.)	EA	⚠1 ~~13~~ 14
191	BEND (16") (22.5 DEG.)	EA	4
192	BEND (16") (45 DEG.)	EA	⚠1 ~~16~~ 18
193	BEND (12") (11.25 DEG.)	EA	3
194	BEND (20") (11.25 DEG.)	EA	6
195	BEND (20") (22.5 DEG.)	EA	1
196	BEND (20") (45 DEG.)	EA	16
197	BEND (12") (45 DEG.)	EA	2
198	BEND (8") (45 DEG.)	EA	⚠1 ~~12~~ 13
199	TEE (20"x20")	EA	1
200	TEE (20"x8")	EA	1
201	TEE (20"x6")	EA	11
202	TEE (16"x16")	EA	1
203	TEE (16"x12")	EA	⚠1 ~~3~~ 4
204	TEE (16"x8")	EA	⚠1 ~~2~~ 4
205	TEE (16"x6")	EA	18
206	TEE (6"x6")	EA	1
207	TAPPING SADDLE (2")	EA	1
208	BUTTERFLY VALVE (20")	EA	8
209	BUTTERFLY VALVE (16")	EA	4
210	BUTTERFLY VALVE (12")	EA	⚠1 ~~3~~ 4
211	GATE VALVE (8")	EA	⚠1 ~~3~~ 5
212	GATE VALVE (6")	EA	⚠1 ~~19~~ 20
213	SOLID SLEEVE (20")	EA	3
214	SOLID SLEEVE (16")	EA	15
215	SOLID SLEEVE (12")	EA	⚠1 ~~3~~ 4
216	SOLID SLEEVE (8")	EA	⚠1 ~~4~~ 6
217	REDUCER (20"x16")	EA	1
218	AIR RELEASE ASSEMBLY	EA	8
219	TRIVIEW MARKER POST	EA	21
220	REMOVE AND RESET FIRE HYDRANT ASSEMBLY (EXISTING)	EA	6
221	RELOCATE FIRE HYDRANT ASSEMBLY(EXISTING)	EA	5
222	FIRE HYDRANT ASSEMBLY (NEW)	EA	19

SUMMARY OF QUANTITIES
SHEET 2 OF 3

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DATE PREPARED
10/24/2024

ROUTE	STATE
	MO
DISTRICT	SHEET NO.
KC	12

COUNTY
JACKSON

JOB NO.
STBG-3378(403)

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION
10/24/2024	⚠1 QUANTITY CHANGES FOR ADDENDUM #1 & ADDENDUM #2

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

LEE'S SUMMIT MISSOURI
PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64063

TRANSYSTEMS
TRANSYSTEMS CORP.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)328-8601
MO STATE CERTIFICATE OF AUTHORITY # 273
ENGINEERING

REV.

NO.	DESCRIPTION (CONTINUED)	UNIT	QUANTITY
223	CONNECT TO WATER METER (EXISTING)	EA	⚠1 ~~2~~ 1
⚠1 224	~~RELOCATE WATER METER (EXISTING)~~	~~EA~~	~~2~~
225	WATER METER W/ METER WELL (NEW)	EA	1
226	TRENCH CHECK	EA	16
227	SERVICE CONNECTION (2")	EA	1
228	~~KCMO 30" WATER MAIN~~	~~LS~~	~~1~~
229	30" D.I.P. (CL54) W/ POLYWRAP WATER MAIN	EA	737
230	44" DIA STEEL WATER MAIN CASING AND APPURTENANCES	LF	40
231	STRADDLE BLOCK	LF	4
232	BEND (30") (22.5 DEG.)	EA	8
233	TEE (30"x6")	EA	1
⚠1 234	BUTTERFLY VALVE (30")	EA	1
235	SOLID SLEEVE (30")	EA	4
236	CAP – 30"	EA	4
237	AIR RELEASE VALVE WITH VAULT	EA	1
238	TEMPORARY FLUSHING ASSEMBLY	EA	4
239	KC SPEC. FH ASSEMBLY (NEW)	EA	1
240	SUBGRADE GEOGRID	SY	116053
241	PORTLAND CEMENT CONC. PVMT. (6") (KCMMB 4K) (SIDEROAD)	SY	2809

SUMMARY OF QUANTITIES
SHEET 3 OF 3

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DATE PREPARED
10/24/2024

ROUTE	STATE
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DISTRICT	SHEET NO.
KC	12A

COUNTY
JACKSON

JOB NO.
STBG-3378(403)

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PROJECT NO.

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