

SECTION 00911 - ADDENDUM 1

1.1 PROJECT INFORMATION

- A. Project Name: South Main Corridor Improvement Project (Phase II)
- B. Engineer: SK Design Group, Inc.
- C. Engineer's Project Number: 16-108.
- D. Date of Addendum: 2024-05-03

1.2 NOTICE TO BIDDERS

- A. This Addendum is issued to all registered plan holders pursuant to the Instructions to Bidders and Conditions of the Contract. This Addendum serves to clarify, revise, and supersede information in the Project Manual, Drawings, and previously issued Addenda. Portions of the Addendum affecting the Contract Documents will be incorporated into the Contract by enumeration of the Addendum in the Owner/Contractor Agreement.
- B. The Bidder shall acknowledge receipt of this Addendum in the appropriate space on the Bid Form.
- C. The date for receipt of bids is unchanged by this Addendum at same time and location.

1.3 ATTACHMENTS

- A. This addendum includes the following attached documents:
 - 1. Pre-bid meeting notes with associated attendees list.
 - 2. Electronic media transfer agreement.
 - 3. Sheet C20.01
 - 4. Sheet C30.03
 - 5. Sheet C30.04
 - 6. Sheet C33.15
 - 7. Sheet C33.16
 - 8. Sheet C33.17
 - 9. Sheet C33.18
 - 10. Sheet SE002
 - 11. Sheet SE003
 - 12. Sheet SE204

1.4 GENERAL REVISIONS

- A. Project CAD files are available to contractors upon receipt by annlint@skdg.com of a completed, signed Electronic Media Transfer Agreement, which is attached.

1.5 QUESTIONS AND RESPONSES

- A. Question: On Sheet C20.01 it indicates that precast inlet tops are allowed on the project. However, on sheet C30.04 Note 1 it indicates that if the structures are precast that the tops must be cast in place. Can you clarify if precast tops are allowed?
Response: Notes on Sheets C30.03 and C30.04 are revised to match that on Sheet C20.01. Precast inlet tops are acceptable as long as the top slopes with the pavement grades.
- B. Question: On sheet SE201 it calls out to install junction box (J11) however On sheet SE002 there is no mention of a junction box when identifying the runs or on the left side of the page that shows quantities of junction boxes. Please clarify if a junction box is to be installed?
Response: SE002 has been revised to include J11 to match the plans. See attached.
- C. Question: On sheet SE002 the table on the left side of the page seems to have a discrepancy with the total quantities of each column. Please clarify/update column with the correct totals.
Response: SE002 has been revised. See attached.
- D. Question: On Sheet SE204 the plans identify Controller F to be a 2CKT controller, however on sheet SE002 the table calls out Controller F to be a 4CKT. Please clarify which size of controller is required.
Response: Keynote 5 on Sheet SE204 has been revised to reflect Controller F to be a 4 CKT controller. SE303 and SE002 remain correct indicating a 4CKT controller. See attached.
- E. Question: There seems to be a discrepancy with the routing of conduit On sheet SE 204 compared to what is called out on SE002. Sheet SE002 indicates a conduit from F201 to J8. Sheet SE204 does not show this and 3 conduits in a screw in base will be difficult. Please clarify routing.
Response: Routing is shown correctly on SE204. SE002 has been revised to reflect plan sheet. See attached.

1.6 DRAWINGS

- A. Sheet C20.01: Revised to remove nighttime work language.
- B. Sheet C30.03: Revised to indicate precast inlet top is acceptable as long as the top slopes with the pavement grades.
- C. Sheet C30.04: Revised to indicate precast inlet top is acceptable as long as the top slopes with the pavement grades.
- D. Sheet C33.15: Revised to remove nighttime work language.
- E. Sheet C33.16: Revised to remove nighttime work language.
- F. Sheet C33.17: Revised to remove nighttime work language.
- G. Sheet C33.18: Revised to remove nighttime work language.

- H. Sheet SE002: Revised for clarification.
- I. Sheet SE003: Revised for clarification.
- J. Sheet SE204: Revised for clarification.

1.7 SPECIFICATIONS

- A. The date on the project manual cover page is revised.

PART 2 - PRODUCTS - NOT USED -

PART 3 - EXECUTION - NOT USED -

END OF SECTION 00911



City of Maryville, Missouri
 South Main Improvement Phase II & Pedestrian Enhancements
 Project #'s: STP-4301104 and TAP-4301106
 Pre-Bid Meeting Notes – April 30, 2024, at 1:00 p.m.

I. Introductions

Please Sign-in

City Personnel

Name, Title	Email	Phone
Greg McDanel, City Manager	gmc_danel@maryville.org	660-541-1353
Ryan Heiland, Assistant City Manager	rheiland@maryville.org	660-541-4402
Matt Smith, Public Works Director	msmith@maryville.org	660-562-8025
Stacy Wood, City Clerk	swood@maryville.org	660-562-8003

Engineer's Personnel: SK Design Group, Inc. 913-451-1818

Name, Title	Email	Phone
Sassan Mahobian, Principal in Charge	sassan@skdg.com	913-238-3178
Stephen Brefo, Project Manager, Submittals	sbrefo@skdg.com	816-510-1126
Mehrdad Givechi, Traffic Signals	mgivechi@sunflower.com	785-766-0712
Chris Francisco, Field Project Manager	cfrancisco@skdg.com	816-726-7089
Field Representative	To Be Determined	

Engineer's Consultants:

Name, Company	Email	Phone
Adam Teal, Midland Survey	ateal@midlandsurvey.com	660-582-8633
Kathi Vandell, LightWorks	kathi@lightworkskc.com	816-352-6007
Doug Pickert, Indigo	doug@indigoparks.com	913-583-1370
Dylan Kruger, KTI	dzkruger@ktionline.com	913-498-1114

II. Overview of Project Intent, Goals, Objectives

The Work consists of reconstruction of a section of South Main Street Corridor from State Highway V to 285th Street, including:

- Storm sewer system improvement
- Full depth street widening
- Mill and overlay
- Traffic signals
- Lighting
- Curb & sidewalk replacement
- Landscaping
- Improvement to existing driveway access.

The selected Bidder will construct the project, complete related services described in the contract documents and place the project into service in accordance with the plans and specifications.

City of Maryville, Missouri
South Main Improvement Phase II & Pedestrian Enhancements
Pre-Bid Meeting Notes

III. Schedule

- Questions, Comments and Requests for Clarifications Due to Engineer by Thursday May 2, 2024, before 5:00 p.m.
- Response to Bidder Questions if necessary (Addendum) by Tuesday May 7, 2024.
- Public Bid Opening May 14, 2024, at 2:00 p.m.
Note: Bids will be received by the City of Maryville at the Maryville Public Safety Facility, 101 N. Vine Street, Maryville, Missouri 64468 until 2:00 pm on May 14, 2024.
- Contract Award / Notice to Proceed TBD
- Period of Performance: 540 Calendar Days
- Final Completion TBD

IV. Bidder Checklist

- Submit completed Contractor Questionnaire and/or Contractor Prequalification Questionnaire with attachments not later than seven (7) days prior to the date and hour of the bid opening.
- For submittal of paper bids, the complete set of bidding documents includes all information through the DBE forms.
- If submitting the bid by mail, it is to be completed, executed, and submitted in a sealed envelope addressed to the City of Maryville, MO.
 - Provide the vendor name, vendor address, vendor number, county, route and federal project number on the outside of the envelope (if applicable).
- Please read all items in the bidding document carefully. For paper bids, complete all items in ink or by typing in the information.
- Sign this bidding document properly.
- For paper bids submit a bid bond executed by bidder and surety or attach cashier's check to the bid bond form.
- Submit the DBE Submittal Forms within 3 business days of the Bid Opening.
- For paper bids, staple addenda to the bid in the appropriate part of the bid.
 - The letter accompanying the addenda should be stapled to the inside of the back cover of the bid and returned.

V. Disadvantaged Business Enterprise (DBE)/Buy America/Prevailing Wage/Trainees

- The overall goal for DBE participation for this project is **6%**.
 - The Bidder shall also complete the DBE Submittal Forms as required.
- This project falls under Title 23, CFR, titled Buy America Requirements.
 - Buy America certifications will be required on all applicable materials.
- 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 or federal rates, whichever is higher.

City of Maryville, Missouri
South Main Improvement Phase II & Pedestrian Enhancements
Pre-Bid Meeting Notes

- Training provisions: Provision in the Missouri Highways and Transportation Commission's "General Provisions and Supplement Specifications" which are available on the Missouri Department of Transportation web page at www.modot.mo.gov under "Business with MoDOT" "Standards and Specifications". The number of trainee hours provided under this contract will be **two slot** for **1000** hours per slot.

VI. Job Special Provisions

- Traffic management schedule shall be submitted to the engineer by contractor prior to the start of work.
 - This should be submitted to the engineer as soon as possible to mitigate delay after NTP is issued.
- Holiday Restrictions: Memorial Day, Independence Day, Labor Day.
 - All lanes shall be scheduled to be open to traffic during holiday periods from 12:00 Noon on the last working day preceding the holiday until 9:00AM on the first working day subsequent to the holiday.
- Night-time paving will be required. For specific requirements, see notes on drawing C20.01.
- Liquidated Damages may be assessed at \$4300/day if work is not complete on time.
- Utility contacts
- Letters of Certification. Utilities "Status" Letter
 - Everyg has facilities that must be relocated if Alternate 1 is accepted by the City. The extent of relocations is shown on the plans. Contractor's responsibilities are identified on the plans. **(Alternate 1)**
 - Telecom lines will need to be relocated and coordinated with the telecom companies if Alternate 1 is accepted by the City. Contractor's responsibilities are identified on the plans. **(Alternate 1)**
 - Gas lines will need to be relocated and coordinated with the gas company. Contractor's responsibilities are identified on the plans.
 - Waterlines will need to be relocated under this contract
- Order of work: Refer to Drawing C20.01.
- ADA per plans and reviewed per MODOT checklist
- Possession of Right-of-Way: There is no delayed possession of right-of-way on the project.

VII. Project Documents

- Copies of plans and specifications and addenda can be seen or purchased for a Non-Refundable fee on-line at www.drexeltech.com in their eDistribution plan room, additional assistance is available at distribution@drexeltech.com.

VIII. General Notes

- Enhanced communication between City and selected contractor will be critical.



City of Maryville, Missouri
South Main Improvement Phase II & Pedestrian Enhancements
Pre-Bid Meeting Notes

- Management of traffic between 2:30 – 3:30 p.m. each day will be important with shift change at Kawasaki. Scheduling of major construction activities to avoid these times may be unavoidable, but ideal when possible.
- Following bid opening, the City will request bid concurrence with MoDOT, and contract approval by City Council is expected as soon as possible.

VIII. Post Meeting Clarification

- Night-time paving is not required, however contractor may choose to pave at night at no additional cost to City.

ELECTRONIC MEDIA TRANSFER AGREEMENT

This Electronic Media Transfer Agreement (this "Agreement") is entered into by

_____ (Contractor)
(the "Licensee")

and **SK Design Group, Inc.** (the "Licensor"). The Licensee has requested that the Licensor provide certain design, drawings and data in an electronic media format ("Electronic Media") for the **South Main Phase II** project (the "Project").

Electronic Media being transmitted or transferred may contain Civil 3D data, Pipe networks, road profiles, existing and proposed surfaces, surfaces for options studied, computer aided drafting documents, digital modeling, audio, video and/or other graphic images, drawings or designs created or stored for the Project in digital form. In consideration of the Licensor furnishing such Electronic Media to Licensee, Licensee agrees as follows:

1. Due to the potential that the information set forth in the Electronic Media can be modified by the Licensee or others, unintentionally or otherwise, the Licensee shall remove all references to the Licensor's corporate name, professional seal, and/or involvement from each electronic display, if such exists.
2. The data in the Electronic Media represents Project information at a particular point in time and Licensor shall not be responsible to advise Licensee of any changes which may thereafter be made to the Project data or other information transmitted in electronic format. Licensor makes no representation regarding the accuracy or completeness of the Electronic Media transferred or transmitted. In the event that a conflict arises between the signed contract documents for the Project which are prepared by Licensor and the Electronic Media, the signed contract documents shall govern. Licensee is responsible for determining if any conflict exists. Licensor's electronic files are constantly being updated and are not always posted on Licensor's FTP site. Licensee is responsible for requesting updates.
3. Licensor grants to Licensee a limited license to reproduce such information in connection with work on the Project, and for no other purpose. Granting a limited license for use of the Electronic Media shall not be constructed as forming a contractual relationship between the Licensee or any of its agents or assigns. This limited license to use and reproduce information is granted only to the Licensee named in this Agreement and expressly prohibits copying or transmission of the Electronic Media for use by any other party.
4. The Licensor specifically disclaims all warranties, expressed or implied, including, but not limited to implied warranties of merchantability and fitness for a particular purpose, with respect to the Electronic Media and the information contained therein. The Licensor shall have no liability with respect to any claim, demand, loss, or damage directly or indirectly arising out of the use of the Electronic Media. Further, Licensor shall have no liability for consequential damages, including without limitation damages arising from the actual or alleged negligence of the Licensor.
5. The parties understand that the data contained in the Electronic Media may be altered intentionally or otherwise due to occurrences beyond the reasonable control or knowledge of the Licensor. These may include errors in transcription, machine error, environmental factors, as well as operator error. Further, the data contained on the Electronic Media may be inaccurate or otherwise flawed at the time of transmittal to the Licensee. Licensee, as part of the consideration for accepting the delivery of the Electronic Media and its use, agrees to indemnify, defend, and hold harmless the Licensor, its consultants, and their respective officers, directors, employees, members, and owners from any claims, liabilities, loss and costs, including but not limited to, attorneys' fees and cost of defense arising out of the use of the Electronic Media by Licensee, or others, if released to such parties by Licensee.
6. It shall be the Licensee's responsibility to verify that the information contained within the Electronic Media conforms to all contract requirements for the Project. Should there be any discrepancy, Licensee agrees to notify the Licensor immediately. If notified within, but not later than, fourteen (14) days of the delivery of the Electronic Media, Licensor may elect to revise the Project Electronic Media, and, if so, will provide a revised copy of the Electronic Media, which corrects the discrepancy, if requested by Licensee. This shall be the sole remedy available for any defect.

Licensor: SK Design Group, Inc.

Licensee: _____ (Contractor)

By: 

By: _____

Name: Sassan Mahobian, PE, LEED AP, ENV SP

Name: _____

Title: President

Title: _____

Date: 2024-05-02

Date: _____

GENERAL NOTES

- ALL CONSTRUCTION SHALL COMPLY WITH AMERICAN PUBLIC WORKS ASSOCIATION (APWA) AND MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION UNLESS NOTED OTHERWISE BY PLANS AND SPECS.
- ALL WORKMANSHIP AND MATERIALS SHALL BE SUBJECT TO INSPECTION AND APPROVAL OF THE MISSOURI DEPARTMENT OF TRANSPORTATION (MoDOT)
- LINEAL FOOT MEASUREMENTS SHOWN ON THE PLANS ARE HORIZONTAL MEASUREMENTS. ALL PAYMENTS SHALL BE MADE ON HORIZONTAL MEASUREMENTS.
- ALL WASTE MATERIAL RESULTING FROM THE PROJECT SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.
- ALL EXCAVATION SHALL BE UNCLASSIFIED. NO SEPARATE PAYMENT WILL BE ADJUSTED FOR THIS PROJECT.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL PERMITS AND FEES.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL TRAFFIC CONTROL. THE CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL AS RECOMMENDED BY M.U.T.C.D.
- THE CONTRACTOR SHALL MAINTAIN DRAINAGE AND EROSION CONTROL DURING CONSTRUCTION AND IS RESPONSIBLE FOR ALL DE-WATERING NECESSARY DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITTING FOLLOWING LOCAL, STATE, AND FEDERAL EROSION AND SEDIMENTATION CONTROL REQUIREMENTS. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH KC METRO APWA STANDARD DRAWINGS.
- THE CONTRACTOR SHALL VERIFY THAT THE SOIL CONDITIONS ARE SUITABLE FOR PLANTING AND WILL BE ACCEPTABLE FOR PROPER GROWTH OF THE PROPOSED PLANT MATERIALS PER SPECIFICATIONS. THIS SHALL BE INCLUDED IN THE BASE BID AND BE NO CAUSE FOR ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL GRADE AND OTHERWISE RESTORE ALL DISTURBED AREAS TO A CONDITION READY FOR SEEDING AND SODDING, TOPSOIL IS TO BE PLACED OVER ALL DISTURBED AREAS. PLACE TOPSOIL TO BRING PROPOSED GRADES BACK TO EXISTING CONDITION. GRADE TOLERANCES IN NON-PAVED AREAS FOR THIS PROJECT IS 0.10 FEET.
- THE ENGINEER AND THE OWNER SHALL APPROVE ALL FINAL GRADES AND CONDITION OF SITE PRIOR TO SEEDING AND SODDING OPERATIONS. FINISH TURF (SEED AND SOD) TO BE FLUSH WITH ADJOINING PAVEMENT SURFACES.
- WRITTEN DIMENSIONS SHALL PREVAIL OVER SCALED DIMENSIONS.
- UTILITY SERVICE LINES, POLES, VALVE BOXES, METERS, ETC. MUST BE ADJUSTED AS NECESSARY, BY EACH RESPECTIVE UTILITY OWNER, PRIOR TO CONSTRUCTION, UNLESS THE PLANS SPECIFICALLY CALL FOR THEIR ADJUSTMENT BY THE CONTRACTOR. THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WITHIN THE RIGHT-OF-WAY WHICH DO NOT CONFLICT WITH PROPOSED CONSTRUCTION.
- THE INFORMATION SHOWN IN THESE PLANS CONCERNING TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. EXISTING UTILITIES AND THEIR LOCATIONS, AS SHOWN ON THE PLANS, REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATIONS AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY, TO AVOID DAMAGE THERETO. THE CONTRACTOR MUST NOTIFY ALL UTILITIES 48 HOURS PRIOR TO ANY EXCAVATION.
- NEW AND EXISTING INLET AND MANHOLE COVERS SHALL BE ADJUSTED TO THE SAME SLOPE AS ADJACENT SURFACES.
- BORROW AREAS PROVIDED BY THE CONTRACTOR SHALL BE APPROVED BY THE ENGINEER AS TO SUITABILITY OF MATERIAL AND LOCATION. SPECIAL CARE SHALL BE TAKEN IN THIS APPROVAL TO MINIMIZE THE INCREASE OF SILTATION AND TURBIDITY OF STREAMS, LAKES AND RESERVOIRS AND TO AVOID INTERFERENCE WITH THE MOVEMENT OF MIGRATORY FISH. AREAS WHICH, IN THE OPINION OF THE ENGINEER, MAY LEAVE AN UNSIGHTLY APPEARANCE TO THE PROJECT WILL NOT BE APPROVED. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RESTORE, SEED AND/OR COMPLETE OTHER OPERATIONS NOTED IN THE AGREEMENT WITH THE OWNER, APPROVED BY THE ENGINEER, ON ALL DISTURBED AREAS.
- ALL PAVEMENT AND SIDEWALKS TO BE REMOVED SHALL BE SAW CUT. ANY PAVEMENT OR SIDEWALKS DAMAGED BEYOND THE ORIGINAL SAW CUT LIMITS (AS SHOWN ON THE PLAN OR DETERMINED IN THE FIELD) SHALL BE RE-SAWED TO PROVIDE AN EVEN JOINT AND REPLACED AT THE CONTRACTOR'S EXPENSE.
- PAVEMENT AND SIDEWALK REMOVAL LIMITS SHOWN ARE APPROXIMATE AND MAY BE CHANGED DUE TO GRADE CONSIDERATIONS OR OTHER FIELD CONDITIONS, AS APPROVED BY ENGINEER.
- ALL SAW CUTS SHALL BE FULL DEPTH.
- CONTRACTOR SHALL MAINTAIN CONSTRUCTION LIMITS WITHIN THE EXISTING AND/OR PROPOSED RIGHT-OF-WAYS AND EASEMENTS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DIVERTING STORM SEWER RUNOFF INTO THE PROPOSED STORM SEWER SYSTEM DURING CONSTRUCTION. TEMPORARY CONNECTIONS SHALL BE MADE, AS APPROVED BY ENGINEER, TO ELIMINATE FLOODING AND PONDING PRIOR TO COMPLETION OF THE PROPOSED STORM SEWER.
- ALL TOPS FOR PRECAST CURB INLETS CAN BE PRECAST OR CAST IN PLACE. IF INLET TOPS ARE CAST IN PLACE, THE PRECAST INLET WALL STEEL SHALL BE LEFT EXPOSED TO A HEIGHT 2" BELOW THE FINISH TOP ELEVATION. ALL STRUCTURE TOPS MUST MATCH ADJACENT GRADES. ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY TO COMPLETE THIS WORK SHALL BE INCLUDED IN THE BID.
- UNTREATED COMPACTED AGGREGATE (APWA) OR MoDOT TYPE 5 AGGREGATE COMPACTED TO 95% STD. MAX. DENSITY SHALL BE USED TO BACKFILL ALL TRENCHES LOCATED WITHIN 2 FEET OF PAVEMENT, CURB AND GUTTER, AND SIDEWALK. IN AN INSTANCE WHERE A PROPOSED UTILITY IS ABOVE THE EXISTING GROUND LINE OR HAS LESS THAN 3 FEET OF COVER OVER THE PROPOSED UTILITY, THE CONTRACTOR SHALL PLACE AND COMPACT THE FUTURE FILL TO A POINT AT LEAST 3 FEET ABOVE THE TOP OF THE PROPOSED UTILITY. ONCE THIS LEVEL IS REACHED, THE CONTRACTOR MAY TRENCH IN THE UTILITY AND BACKFILL PRIOR TO PROCEEDING WITH THE REMAINING EARTHEN COMPACTED EMBANKMENT FILL.
- ALL STORM SEWERS AND WATER LINES UNDER THE PAVEMENT SHALL BE BACKFILLED WITH FLOWABLE FILL IN ACCORDANCE WITH THE DETAILS SHOWN ON PLANS.
- LABOR, TOOLS, MATERIALS, AND EQUIPMENT REQUIRED TO TEMPORARILY PLUG OR BLOCK THE END OF PROPOSED STORM SEWER PIPE TO PREVENT BACKFILL MATERIAL FROM ENTERING SHALL BE SUBSIDIARY TO BID ITEM 15" STORM.
- ALL DISTURBED AREAS THAT ARE TO BE SEEDED OR PLANTED SHALL BE MULCHED IN ACCORDANCE WITH THE TECHNICAL SPECIFICATIONS.
- FOR SIDEWALKS, ALL EXPOSED EDGES AND JOINT EDGES SHALL BE ROUNDED WITH AN EDGING TOOL HAVING A RADIUS OF 3/8 INCH. UNLESS APPROVED BY THE ENGINEER, ALL JOINTS SHALL BE FORMED BY MAKING A 1/4-INCH GROOVE 2 INCHES DEEP WHILE THE CONCRETE IS STILL PLASTIC ENOUGH TO BE WORKED BUT HARD ENOUGH SO IT WILL NOT SLUMP AFTER GROOVING.
- ALL CONCRETE MATERIALS SHALL CONFORM TO THE SPECIFICATIONS OF THE KANSAS CITY METROPOLITAN MATERIALS BOARD (KCMMB). COARSE AGGREGATES FOR ALL MIXES SHALL BE ENTIRELY GRANITE OR QUARTZITE.
- SPRINKLER HEADS AFFECTED BY CONSTRUCTION SHALL BE CAPPED FOR THE DURATION OF CONSTRUCTION AND THE HEADS REPLACED AT THE COMPLETION OF CONSTRUCTION. ANY SPRINKLER APPURTENANCES OR LINES DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AND SHALL BE SUBSIDIARY TO THE BID ITEM SOD.
- THE USE OF DUAL WALL (LESS THAN 30") AND TRIPLE WALL (30" TO 60") HIGH-PERFORMANCE POLYPROPYLENE PIPE (PP), MEETING THE REQUIREMENTS OF MODOT SPECIFICATION SECTION 724 FOR CROSSROAD PIPES IN LIEU OF RCP IS ACCEPTABLE, PROVIDED THAT THE PIPE IS BEDDED PROPERLY PER MANUFACTURER'S RECOMMENDATION AND THE TRENCH IS BACKFILLED WITH FLOWABLE FILL UP TO THE SUBGRADE OF THE PAVEMENT.
- FOR TRAFFIC MANAGEMENT PURPOSES SHIFT CHANGES AT KAWASAKI MARYVILLE PLANT ARE AS FOLLOWS:
MORNING SHIFT CHANGE: 6:30 AM TO 7:30 AM
AFTERNOON SHIFT CHANGE: 2:30 PM TO 3:30 PM
NIGHT SHIFT CHANGE: 10:30 PM TO 11:30 PM

GENERAL WATER NOTES:

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE MOST RECENT VERSION OF THE STANDARDS AND SPECIFICATIONS FOR WATER MAIN EXTENSIONS AND RELOCATIONS OF THE MARYVILLE, MISSOURI WATER SERVICES DEPARTMENT.
- CONTRACTOR SHALL POTHOLE AND EXPOSE ALL TIE-IN AND CROSSING LOCATIONS. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL FITTINGS REQUIRED TO PROVIDE PROPER HORIZONTAL AND VERTICAL ALIGNMENT FOR NEW WATER MAINS, CONNECTIONS TO EXISTING WATER MAINS AND INSTALLATION OF FIRE HYDRANTS AT THE PROPER LOCATION AND ELEVATION, WHETHER OR NOT THE PROPER FITTINGS, LOCATION OR ELEVATIONS ARE CALLED OUT ON THE DRAWINGS, INCLUDING MODIFICATION OF EXISTING INFRASTRUCTURE REQUIRED TO MAKE ALL OF THE WORK CONFORM TO THE CURRENT STANDARDS AND SPECIFICATIONS FOR WATER MAIN EXTENSIONS AND RELOCATIONS OF THE MARYVILLE, MISSOURI WATER SERVICES DEPARTMENT.
- THE CONTRACTOR SHALL FURNISH AND INSTALL ALL TEMPORARY BLOW-OFF ASSEMBLIES, FITTINGS, THRUST BLOCKING, AND RESTRAINING DEVICES REQUIRED FOR TEMPORARY CONNECTIONS FOR FLUSHING, PRESSURE TESTING, CHLORINATION, AND DE-CHLORINATION OF THE NEW WATER MAINS. PRIOR TO PLACING NEW MAINS IN SERVICE THE CONTRACTOR SHALL REMOVE ANY CORPORATION COCKS USED FOR TESTING OR CHLORINATION AND REPLACE THEM WITH TAPERED BRASS PLUGS.
- SCHEDULING OF WATER MAIN SHUTS AND CONNECTION TO EXISTING MAINS SHALL BE AT THE DISCRETION OF THE CITY OF MARYVILLE.
- ALL FIRE HYDRANT BRANCHES SHALL BE RESTRAINED USING APPROVED RESTRAINING DEVICES. HYDRANTS SHALL BE INSTALLED SO THAT THE CENTERLINE OF THE OUTLET NOZZLE IS BETWEEN EIGHTEEN AND TWENTY-ONE INCHES (18" - 21") ABOVE FINISHED GRADE, AND SO THAT THERE IS A MINIMUM CLEAR AREA OF 5' IN EACH DIRECTION TO ALLOW OPERATION OF THE HYDRANT.
- THE LOCATIONS OF EXISTING UTILITIES, AS SHOWN, ARE APPROXIMATE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATIONS AND ELEVATIONS OF ALL EXISTING UTILITIES. CONTRACTORS SHALL POTHOLE AND EXPOSE ALL UTILITIES (INDICATED ON THE DRAWINGS, LOCATED AT GRADE BY A UTILITY LOCATING SERVICE, OR EVIDENT FROM UTILITY COMPANY INFORMATION) AT LEAST 500 FEET IN ADVANCE OF WATER MAIN CONSTRUCTION, DETERMINING THE DEPTH, SIZE, AND MATERIAL OF THE UTILITIES IN PROXIMITY TO THE PROPOSED WATER MAIN ALIGNMENT. CONTRACTOR SHALL PROVIDE THIS INFORMATION TO THE ENGINEER & ADVISE OF ANY POTENTIAL CONFLICTS WITH THE PROPOSED PIPELINE ALIGNMENT. DEFLECT PIPE TO MAINTAIN MINIMUM 5 FEET HORIZONTAL AND 18 INCH VERTICAL CLEARANCES BETWEEN PROPOSED WATER MAIN AND ALL EXISTING UTILITIES.
- THE CONTRACTOR SHALL COMPLY WITH STATE LAW REQUIRING ANY PERSON OR FIRM DOING EXCAVATION ON THE PUBLIC RIGHT-OF-WAY DO SO ONLY AFTER GIVING NOTICE TO AND OBTAINING INFORMATION FROM UTILITY COMPANIES.
- STREETS AND PARKING AREAS ARE TO BE TO GRADED AND CURBS IN PLACE PRIOR TO CONSTRUCTION OF WATER MAINS. WATER MAINS SHALL BE INSTALLED WITH A MINIMUM GROUND COVER OF 42 INCHES BELOW FINISHED GRADE. SIXTEEN (16)-INCH AND LARGER WATER MAINS SHALL BE INSTALLED WITH A MINIMUM GROUND COVER OF 60 INCHES BELOW FINISHED GRADE.
- WATER MAINS SHALL BE LAID AT LEAST 10 FEET, HORIZONTALLY FROM ANY SEWER. WHEN LOCAL CONDITIONS PREVENT A HORIZONTAL SEPARATION OF 10 FEET, A WATER MAIN MAY BE LAID CLOSER THAN 10 FEET TO A SEWER, PROVIDED THAT THE WATER MAIN IS LAID IN A SEPARATE TRENCH, OR ON AN UNDISTURBED EARTH SHELF LOCATED ON ONE SIDE OF THE SEWER, AT SUCH AN ELEVATION THAT THE BOTTOM OF THE WATER MAIN IS AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER. WATER MAINS SHALL BE LAID SUCH THAT THERE IS A MINIMUM OF 18 INCHES CLEARANCE BETWEEN THE PIPE WALL AND THE EXTERIOR OF ANY MANHOLE AND/OR INLET ON THE SEWER LINE.

WHENEVER A WATER MAIN MUST CROSS ABOVE A SEWER, A VERTICAL SEPARATION OF 18 INCHES BETWEEN THE BOTTOM OF THE WATER MAIN AND THE TOP OF THE SEWER SHALL BE MAINTAINED. A FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ON THE SEWER TO BE CROSSED SO THAT THE JOINTS WILL BE EQUALLY DISTANT FROM THE SEWER AND AS FAR AWAY AS POSSIBLE. THE 18-INCH VERTICAL SEPARATION SHALL BE MAINTAINED FOR THAT PORTION OF THE WATER MAIN LOCATED WITHIN 10 FEET, HORIZONTALLY, OF ANY SEWER IT CROSSES.

WHEN IT IS IMPOSSIBLE TO OBTAIN PROPER HORIZONTAL SEPARATION AS STIPULATED ABOVE, OR WHEN A WATER MAIN MUST CROSS UNDER A SEWER, THE SEWER MUST BE RECONSTRUCTED OF DUCTILE IRON PIPE, PRE-STRESSED CONCRETE CYLINDER PIPE, OR PVC PRESSURE PIPE CONFORMING TO CITY STANDARDS & SPECIFICATIONS. ALL SHALL BE PRESSURE TESTED TO ASSURE WATER TIGHTNESS BEFORE BACKFILLING. THE REQUIRED LENGTH OF SEWER TO BE REPLACED OR CONSTRUCTED OF PRESSURE PIPE WILL BE THE LENGTH NECESSARY TO ACHIEVE 10 FEET HORIZONTAL SEPARATION.
- ALL WORK SHALL CONFORM TO THE LATEST REVISION OF THE MARYVILLE, MISSOURI EROSION AND SEDIMENT CONTROL SPECIFICATIONS.
- THE END OF ALL ABANDONED WATER MAINS SHALL BE PLUGGED WITH CONCRETE.
- COVERS, LIDS, AND STANDPIPES ON ALL ABANDONED VALVES SHALL BE REMOVED TO AT LEAST TWO FEET (2') BELOW GRADE AND THE AREA SHALL BE PROPERLY BACKFILLED. IN PAVED AREAS REMOVAL OF VALVE LID AND FILLING OF VALVE BOX WITH CONCRETE MAY BE ALLOWED.
- EXISTING FIRE HYDRANTS THAT ARE REMOVED SHALL BE RETURNED TO THE CITY OF MARYVILLE.
- WATER SERVICE LINES CONNECTED TO MAINS BEING ABANDONED SHALL BE RECONNECTED TO NEW MAINS, UNLESS SHOWN OTHERWISE. EXISTING WATER SERVICE LINES BEING TRANSFERRED TO NEW MAINS WILL BE UPGRADED TO MEET CURRENT REGULATIONS.
- THE CONTRACTOR SHALL VERIFY THE OUTSIDE DIAMETER (O.D.) OF THE EXISTING WATER MAIN PRIOR TO SCHEDULING CONNECTION. PROVIDE SOLID SLEEVES AS REQUIRED.
- CONTRACTORS SHALL PROTECT EXISTING POWER POLES AND LIGHT POLES FROM DAMAGE AND SHALL PROVIDE BRACING, SHORING, OR OTHER WORK NECESSARY FOR SUCH PROTECTION. ANY STRUCTURES REMOVED DURING CONSTRUCTION OPERATIONS SHALL BE REPLACED.

GENERAL SEQUENCE OF WORK BY THE CONTRACTOR (UNLESS NOTED OTHERWISE):

- CONTRACTOR SHALL DIVIDE THE CONSTRUCTION INTO MANAGEABLE SECTIONS FOR UTILITIES, BASE CONSTRUCTION, AND PAVING OPERATIONS TO MINIMIZE DISRUPTIONS OF TRAFFIC.
- CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES AT ALL TIMES.
- SUBMIT DETAILED SCHEDULE, CONSTRUCTION PHASING, AND TRAFFIC CONTROL PLANS FOR APPROVAL BY OWNER AND ENGINEER.
- PERFORM SURVEY AND STAKING OF IMPROVEMENTS
- INSTALL EROSION CONTROL MEASURES
- PERFORM GENERAL DEMOLITION AND GRADING ACCORDING TO THE APPROVED SCHEDULE.
- INSTALL NEW STORM SYSTEM ACCORDING TO THE APPROVED SCHEDULE AND MAINTAIN ACCESS TO ALL PROPERTIES.
- INSTALL WATERLINES
- COORDINATE GAS AND TELECOM RELOCATIONS WITH THE GAS AND TELECOM COMPANIES AND ESTABLISH ROUTING.
- STAKE ALIGNMENT OF GAS AND TELECOM LINES AND IDENTIFY PROPOSED UTILITY CROSSING DEPTHS FOR THE GAS AND TELECOM COMPANIES TO AVOID CONFLICTS.
- GAS AND TELECOM COMPANIES TO PERFORM THEIR RELOCATIONS
- ESTABLISH THE ALIGNMENT OF THE POWER LINE CONDUITS AND EQUIPMENT PAD LOCATIONS WITH EVERGY. COORDINATE CONDUIT ALIGNMENT AND LOCATION OF PADS WITH OTHER IMPROVEMENTS
- STAKE ALL PROPOSED STORM AND WATERLINE CROSSINGS AND MONUMENT SIGN LOCATIONS AT THE POWER CONDUITS TO AVOID CONFLICTS
- INSTALL POWER CONDUITS WITH TRACE WIRE, AND SURVEY AS BUILT ALIGNMENT OF THE CONDUITS AT 25' ON CENTER AND AT PROPOSED UTILITY CROSSINGS. (ALTERNATE BID)
- EVERGY TO INSTALL NEW EQUIPMENT AND CONDUCTORS, AND ENERGIZE SYSTEM. (ALTERNATE BID)
- DEMOLITION OF EXISTING POWER SYSTEM AND OVERHEAD LINES. (ALTERNATE BID)
- REFER TO SHEET SERIES C33 FOR ADDITIONAL REQUIREMENTS FOR SEQUENCING AND TRAFFIC CONTROL
- INSTALL BASE AGGREGATE AND PAVEMENT CONCRETE BASE IN SECTIONS WHERE THE ROAD IS BEING WIDENED ACCORDING TO THE APPROVED SCHEDULE.
- MILL PAVEMENT ACCORDING TO THE APPROVED SCHEDULE.
- MAINTAIN ONE 11' LANE OF TRAFFIC OPEN IN EACH DIRECTION ON S. MAIN AND PROVIDE ACCESS TO ALL PROPERTIES DURING INSTALLATION OF ASPHALT PAVING. PROVIDE FLAG MAN AS NECESSARY AND SPECIFICALLY FOR WORK SOUTH OF STA. 72+00
- PROVIDE WEDGE ASPHALT AS NECESSARY AT CHANGES IN GRADE FOR MAINTENANCE OF ACCESS. WEDGE ASPHALT WILL BE PAID AT THE UNIT PRICE FOR TEMPORARY PAVING.
- LIGHTING INSTALLATION
- PAVEMENT MARKINGS AND REGULATORY SIGNS
- LANDSCAPING, IRRIGATION, AND MONUMENT SIGNS
- WORK THAT DOES NOT AFFECT ACCESS OR THE APPROVED SCHEDULE MAY BE PERFORMED CONCURRENTLY WITH OTHER ITEMS OF WORK.
- PROPOSED MODIFICATIONS TO THE GENERAL SEQUENCE OF WORK SHALL BE SUBMITTED FOR APPROVAL.

GENERAL UTILITY CONSTRUCTION NOTES

- CONTRACTOR SHALL SUBMIT A DETAILED SCHEDULE FOR APPROVAL PRIOR TO START OF CONSTRUCTION.
- CONTRACTOR'S SCHEDULE SHALL INCLUDE ALL CONSTRUCTION BY THE CONTRACTOR AND THE UTILITY COMPANIES.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL UTILITY RELOCATIONS.
- CONTRACTOR IS RESPONSIBLE FOR MAINTAINING UTILITY SERVICE TO ALL PROPERTIES AND SHALL COORDINATE UTILITY SHUT OFFS WITH PROPERTY OWNERS.
- CONTRACTOR SHALL FOLLOW THE GENERAL SEQUENCE OF WORK STATED HEREIN UNLESS APPROVED BY THE ENGINEER.
- CONCURRENT ACTIVITIES MAY BE PERFORMED IF THEY ARE COORDINATED AND DO NOT AFFECT THE OVERALL SEQUENCE OF WORK.
- THE DEPTH OF THE PROPOSED STORM SEWERS GOVERNS OVER THE DEPTH OF OTHER UTILITIES AND SHALL BE CONSTRUCTED PER PLAN, UNLESS APPROVED BY THE ENGINEER. ALL OTHER UTILITIES MUST GO OVER OR UNDER THE PROPOSED STORM SEWER LINES. WHEN OTHER UTILITIES ARE CONSTRUCTED PRIOR TO STORM SEWERS, THE CONTRACTOR SHALL COORDINATE THE DEPTH OF THE UTILITY WITH THE STORM PROFILE TO AVOID CONFLICTS.
- CONTRACTOR SHALL COORDINATE THE RELOCATION OF ALL EXISTING UTILITIES IN CONFLICT WITH NEW STORM, WATER AND GRADING WITH UTILITY COMPANIES.
- CONTRACTOR SHALL INSTALL THE POWER CONDUITS AND EQUIPMENT PADS WHERE SHOWN ON SHEETS C29.01 THROUGH C29.02. THE EQUIPMENT LOCATIONS AND ROUTING SHOWN ARE BY EVERGY AND ARE DIAGRAMMATIC. CONTRACTOR SHALL COORDINATE CONDUIT ROUTING AND EQUIPMENT PLACEMENT WITH EXISTING AND PROPOSED IMPROVEMENTS. COORDINATE ALL WORK WITH EVERGY.
- CONTRACTOR SHALL COORDINATE THE ELEVATION OF THE EQUIPMENT PADS WITH THE PROPOSED GRADES AND SHALL INSTALL PADS PER EVERGY STANDARD DETAILS, WHERE SHOWN. (ALTERNATE BID)
- CONTRACTOR SHALL COORDINATE THE RELOCATION OF THE GAS AND TELECOM LINES WITH THE GAS AND TELECOM COMPANIES AND IDENTIFY THE ROUTING FOR THEIR LINES.
- CONTRACTOR SHALL STAKE THE PROPOSED GAS AND TELECOM ROUTES, THE LOCATION OF THE PROPOSED STORM SEWER CROSSINGS, THE TOP AND BOTTOM OF THE STORM PIPE, AND THE PROPOSED GRADE, AT THE CROSSING TO ENSURE THAT STORM CROSSINGS AND FINISH GRADES ARE TAKEN INTO ACCOUNT IN THE PROFILE OF THE RELOCATED GAS AND TELECOM LINES. A MINIMUM OF 18" OF SEPARATION SHALL BE PROVIDED BETWEEN THE STORM PIPE AND THE PROPOSED GAS AND TELECOM LINES, TO ALLOW CONSTRUCTION OF THE STORM LINE WITHOUT CONFLICT WITH THE GAS AND TELECOM LINES.
- CONTRACTOR SHALL COORDINATE THE DEPTH OF THE GAS LINE AND TELECOM LINES WHERE EXISTING GRADE IS BEING CUT AND STAKE THOSE AREAS TO ENSURE THAT THE GAS AND TELECOM LINES ARE INSTALLED BELOW PROPOSED GRADES AND AVOID STORM LINES.
- CONTRACTOR SHALL COORDINATE THE LOCATION AND ELEVATION OF ALL EQUIPMENT PADS, VAULTS, HANDHOLES, RISERS, ETC. THAT ARE INSTALLED BY THE CONTRACTOR OR THE UTILITY COMPANIES, WITH THE PROPOSED IMPROVEMENTS TO ENSURE THAT PROPOSED LOCATION DOES NOT CONFLICT WITH THE SIDEWALKS, CURBS AND OTHER UTILITIES, AND ARE SET AT THE PROPER GRADE.
- DIRECTIONAL BORING IS ENCOURAGED WHERE APPROPRIATE TO INSTALL THE GAS, TELECOM, AND POWER LINES WHERE POSSIBLE AND ALLOWED BY THE UTILITY COMPANY. VERTICAL PROFILE MUST AVOID THE PROPOSED STORM SEWER AND WATER LINE PROFILES
- CONTRACTOR SHALL COORDINATE THE TIMING OF POWER LINE AND POWER EQUIPMENT INSTALLATION WITH EVERGY.
- STORM SEWERS AND WATERLINES SHALL BE CONSTRUCTED AS DETAILED. ALL STORM SEWERS AND WATERLINE TRENCHES UNDER THE PAVING SHALL BE BACKFILLED WITH FLOWABLE FILL.

SURVEY LEGEND

▲ = CONTROL MONUMENT	C.M.P. = CORRUGATED METAL PIPE
□ = ELECTRIC BOX	R.C.P. = REINFORCED CONCRETE PIPE
⊕ = TELEPHONE PEDESTAL	P.V.C. = POLYVINYL CHLORIDE FLEX
↓ = GUY WIRE	H.D.P.E. = CORRUGATED PLASTIC PIPE
⊙ = BENCHMARK	F/L = FLOW LINE
⊙ = FIRE HYDRANT	— W — = WATERLINE
⊕ = SIGN	— SS — = SANITARY SEWER LINE
⊕ = SANITARY CLEANOUT	— ST — = STORM LINE
⊙ = POWER POLE	— OE — = OVERHEAD ELECTRIC LINE
⊙ = BOLLARD	— UE — = UNDERGROUND ELECTRIC LINE
⊙ = MAILBOX	— FO — = FIBER OPTIC LINE
⊙ = LIGHT POLE	— G — = GAS LINE
⊙ = MONITORING WELL	— UT — = UNDERGROUND TELEPHONE LINE
⊙ = BUSH	— OHT — = OVERHEAD TELEPHONE LINE
⊙ = TREE	— — — = METAL FENCE
⊙ = MANHOLE	— □ — □ — = WOOD FENCE
⊙ = GAS METER	□ = CONCRETE
⊙ = ELECTRIC METER	▨ = ASPHALT
⊙ = WATER METER	▨ = GRAVEL
⊙ = GAS VALVE	
⊙ = WATER VALVE	
⊙ = TRAFFIC SIGNAL	

U:\2016\16-106\2024-phase II Rebid\1-Dwg\C20.01-C20.02-General Notes and Quantities.dwg Plotted: May 03, 2024 - 9:46am by jmarks

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REV. NO.	DATE	DESCRIPTION
△	05/02/2025	ADDENDUM #1



SK Project No. 16-108
Design: KM
Checked: SM

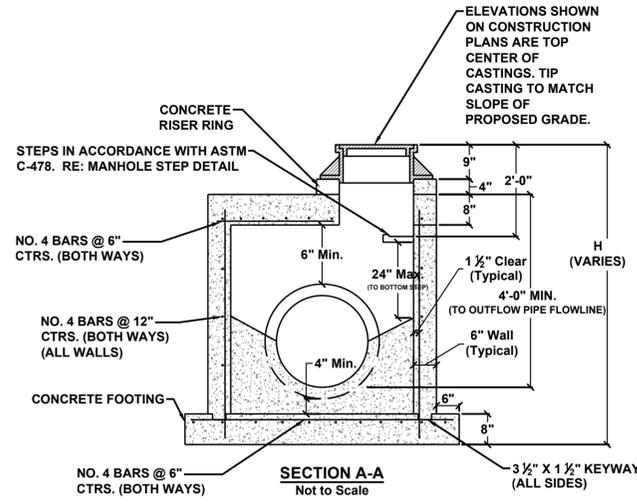
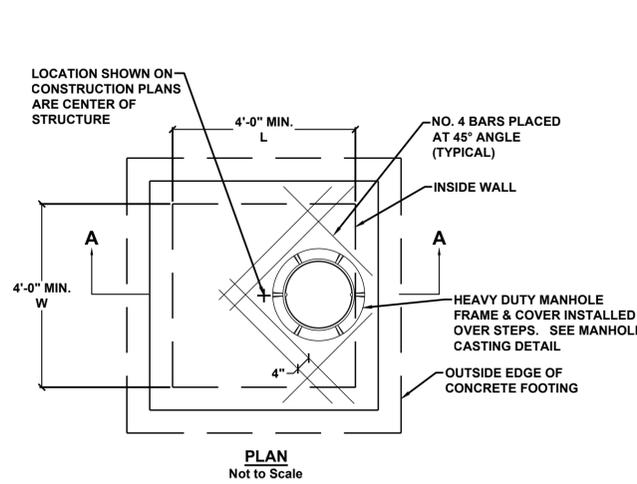
Issued for: BID SET

South Main Improvement Phase II & Pedestrian Enhancement
STP-4301104 & TAP-4301106
City of Maryville, Missouri

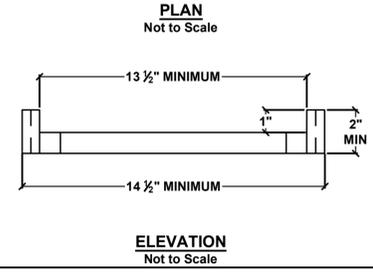
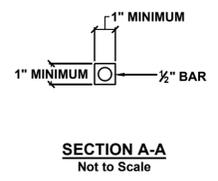
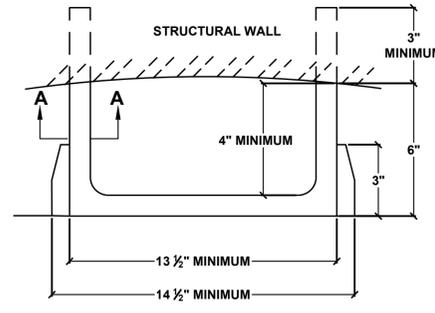
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GENERAL NOTES

C20.01

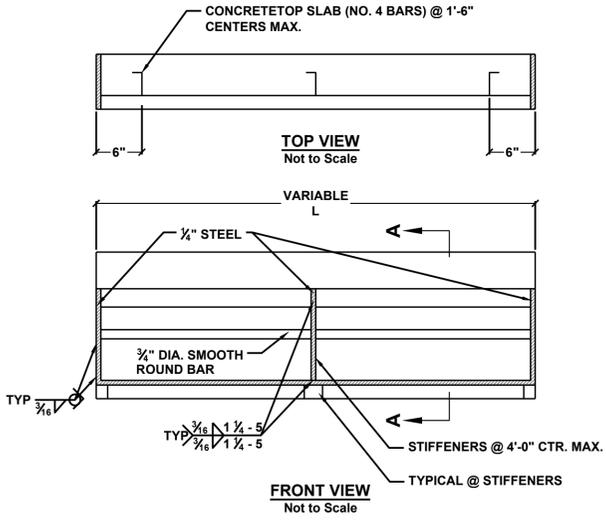
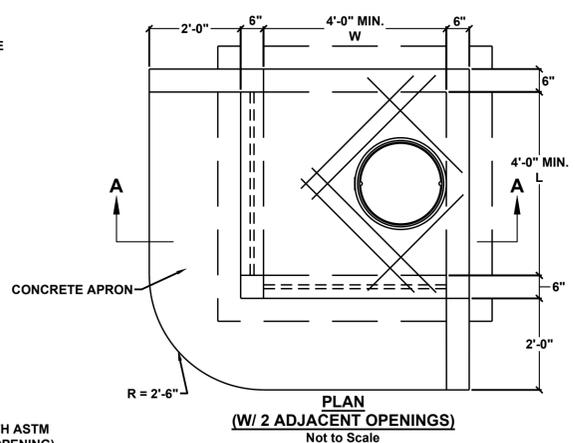
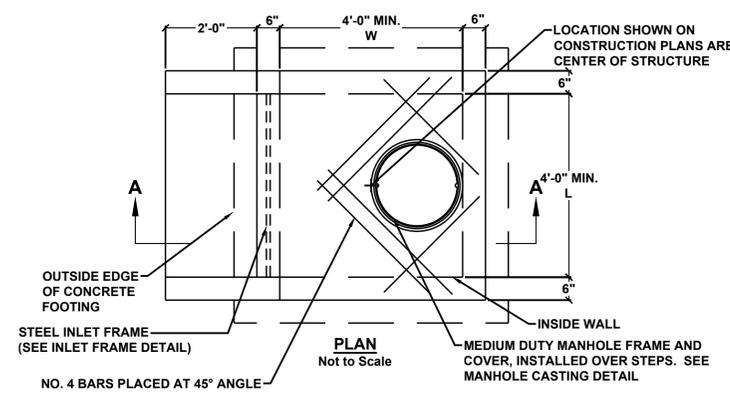


1 JUNCTION BOX DETAIL
Not to Scale



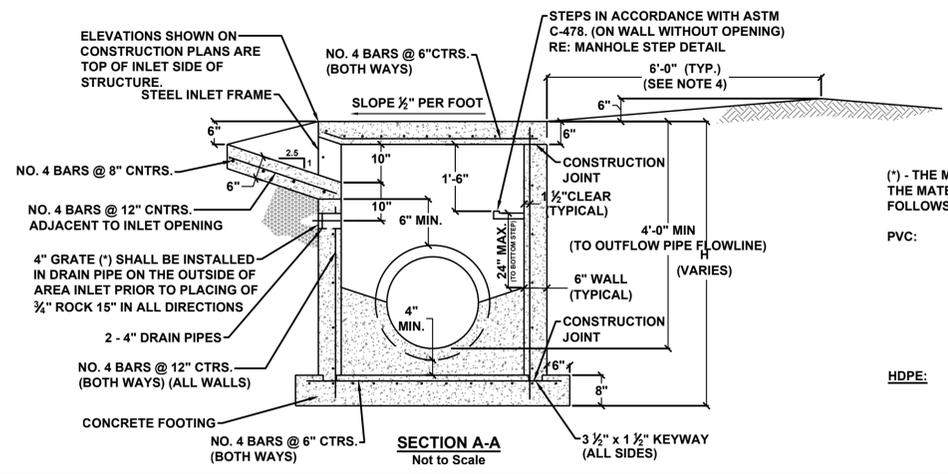
3 TYPICAL STORM STRUCTURE STEP DETAIL
Not to Scale

- GENERAL NOTE:**
- ALL STEPS SHALL MEET THE FOLLOWING SPECIFICATIONS:
GENERAL: ASTM C-478 EXCEPT THAT THE HORIZONTAL PULL OUT LOAD SHALL BE 1,000 POUNDS, AND THE STEPS SHALL BE INSTALLED SO THAT DISTANCE FROM THE WALL OF THE RISER OR CONE, MEASURED FROM THE POINT OF EMBEDMENT TO THE OUTSIDE FACE OF THE RING IS 6".
PLASTIC: ASTM D-4101 PP200B33454 (COPOLYMER POLYPROPYLENE STANDARD).
STEEL REINFORCED BAR: ASTM A-615 GRADE 60 (1/2" DEFORMED STEEL REINFORCEMENT THROUGHOUT).
 - INSTALLATION METHOD MAY BE EITHER "DRIVE IN", "CAST IN PLACE", OR "GROUTED IN". DRIVEN IN STEPS ARE NOT TO BE INSTALLED UNTIL THE CONCRETE HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI. EXPANSIVE GROUT SHALL BE USED FOR GROUTED IN STEPS.
 - ALL STEPS SHALL HAVE MANUFACTURER'S NAME, STEP NUMBER AND/OR MODEL NUMBER AND ASTM C-478 STAMPED IN THE PLASTIC.
 - THE RING OF THE STEP SHALL HAVE AN ANTI-SKID SURFACE.
 - ALL STEPS MUST BE APPROVED BY THE TESTING LABORATORY PRIOR TO USE.
 - ALL VIEWS ARE NOT TO SCALE AND ARE FOR DIMENSION PURPOSES ONLY.

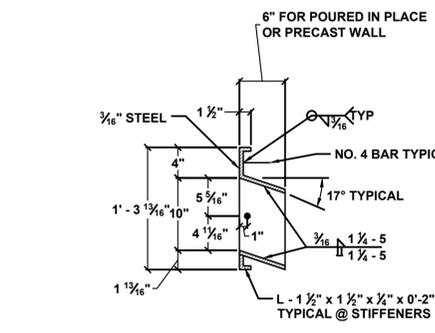


- INLET NOTES**
- GENERAL:
- ALL TOPS FOR PRECAST CURB INLETS CAN BE PRECAST OR CAST IN PLACE. IF INLET TOPS ARE CAST IN PLACE, THE PRECAST INLET WALL STEEL SHALL BE LEFT EXPOSED TO A HEIGHT OF 2" BELOW THE FINISH TOP ELEVATION. ALL STRUCTURE TOPS MUST MATCH EXISTING GRADES.
 - PRE-CAST SHOP DRAWINGS ARE TO BE APPROVED BY THE ENGINEER.
 - ANY QUESTIONS REGARDING DIMENSIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION.
 - BERM LOCATION AND ELEVATION MAY VARY. SEE GRADING PLAN FOR EXACT LOCATION.
 - THE FIRST DIMENSION LISTED IN THE CONSTRUCTION NOTES IS THE "L" DIMENSION. THE SECOND DIMENSION IS THE "W" DIMENSION. THE CONCRETE THICKNESS AND REINFORCEMENT SHOWN IS FOR BOXES WITH ("L"x"H") AND ("W"x"H") LESS THEN OR EQUAL TO 20. FOR BOXES WITH EITHER OF THESE CALCULATIONS GREATER THAN 20, A SPECIAL DESIGN IS REQUIRED. CONTRACTOR SHALL SUBMIT DESIGN CALCULATIONS BY A REGISTERED PROFESSIONAL ENGINEER FOR THE SPECIAL INLETS.

- CONCRETE:
- CONCRETE USED SHALL CONFORM TO SPECIFICATIONS.
 - INLET FLOORS SHALL BE SHAPED WITH NON-REINFORCED CONCRETE INVERTS TO PROVIDE SMOOTH FLOW.
 - BEVEL ALL EXPOSED EDGES WITH 1/2" TRIANGULAR MOLDING.
- REINFORCING STEEL:
- REINFORCING STEEL SHALL BE NEW BILLET, MINIMUM GRADE 60 AS PER ASTM A615, AND SHALL BE BENT COLD.
 - ALL DIMENSIONS RELATIVE TO REINFORCING STEEL ARE TO CENTERLINE OF BARS. 2" CLEARANCE SHALL BE PROVIDED THROUGHOUT UNLESS NOTED OTHERWISE. TOLERANCE OF +/- 1/8" SHALL BE PERMITTED.
 - ALL LAP SPLICES NOT SHOWN SHALL BE A MINIMUM OF 40 BAR DIAMETERS IN LENGTH.
 - ALL REINFORCING STEEL SHALL BE SUPPORTED ON FABRICATED STEEL BAR SUPPORTS @ 3'-0" MAXIMUM SPACING.
 - ALL DOWELS SHALL BE ACCURATELY PLACED AND SECURELY TIED IN PLACE PRIOR TO PLACEMENT OF BOTTOM SLAB CONCRETE. STICKING OF DOWELS INTO FRESH OR PARTIALLY HARDENED CONCRETE WILL NOT BE ACCEPTABLE.
- CONSTRUCTION:
- THE BOTTOM SLAB SHALL BE AT LEAST 24 HOURS OLD BEFORE PLACING SIDEWALL CONCRETE. ALL SIDEWALL FORMS SHALL REMAIN IN PLACE A MINIMUM OF 24 HOURS AFTER SIDEWALLS ARE POURED BEFORE REMOVAL, AND AFTER REMOVAL SHALL BE IMMEDIATELY TREATED WITH MEMBRANE CURING COMPOUND.
 - PIPE CONNECTIONS TO PRE-CAST STRUCTURES SHALL HAVE A MINIMUM OF 6" OF CONCRETE AROUND THE ENTIRE PIPE WITHIN 2' OF THE STRUCTURE.
 - MATERIAL SELECTION AND COMPACTION REQUIREMENTS FOR BACKFILL AROUND STRUCTURES SHALL BE AS SPECIFIED IN THE MANUAL OF INFRASTRUCTURE STANDARDS, AS PROMULGATED BY THE ENGINEER.



- (*) - THE MATERIAL OF THE GRATE SHALL MATCH THE MATERIAL OF THE PIPE AND SHALL BE AS FOLLOWS:
- PVC: PIPE - 4" SCHEDULE 40 PVC MEETING ASTM 1785
GRATE - 4" PVC SNAP-IN DRAIN - MEETS ASTM D-2665, WITH STAINLESS STEEL (TYPE 304) COVER, MOUNTED WITH TWO 18-8 STAINLESS STEEL SCREWS; MAXIMUM OPENING SIZE 1/4".
- HDPE: PIPE - 4" HDPE MEETING AASHTO M252, TYPE S;
GRATE - 4" HDPE - MEETS ASTM D-3350; MAXIMUM OPENING SIZE 1/4".



- STEEL INLET FRAME NOTES**
- ALL WELDS SHALL BE PERFORMED IN ACCORDANCE WITH APPROPRIATE AWS SPECIFICATIONS AND PROCEDURES.
 - ALL WELDS ON EXPOSED SURFACES SHALL BE DRESSED SO AS TO PROVIDE A PLEASING FINISHED APPEARANCE.
 - ALL FLAT STEEL SHALL BE 7 GAGE OR 3/16" THICK
 - THE ENTIRE FRAME SHALL BE HOT DIP ZINC COATED IN ACCORDANCE WITH ASTM A-123.

2 AREA INLET DETAIL
Not to Scale

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REV. NO.	DATE	DESCRIPTION
1	05/02/2025	ADDENDUM #1



SK Project No. 16-108
Design: KM
Checked: SM

South Main Improvement Phase II & Pedestrian Enhancement
STP-4301104 & TAP-4301106
City of Maryville, Missouri

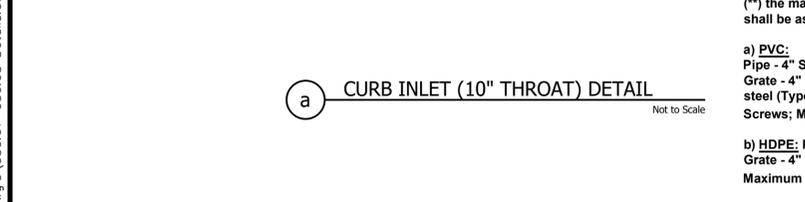
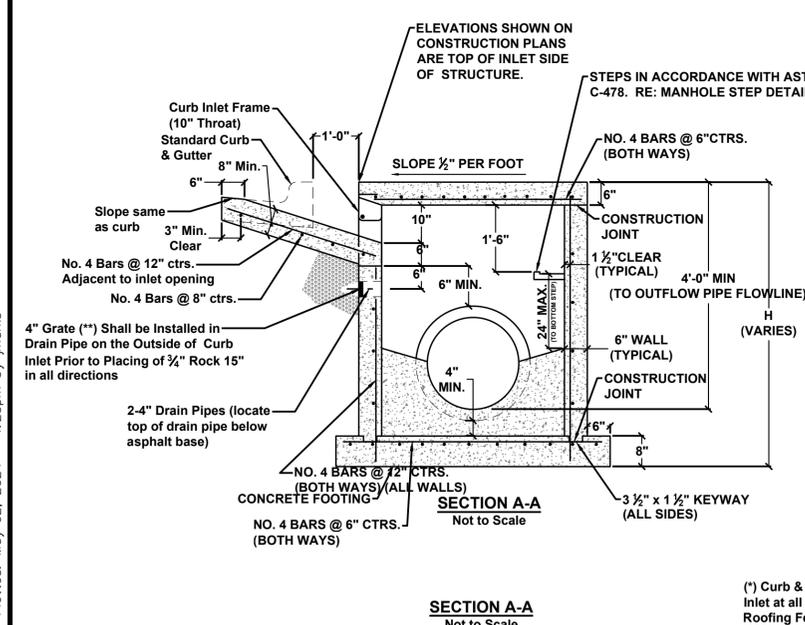
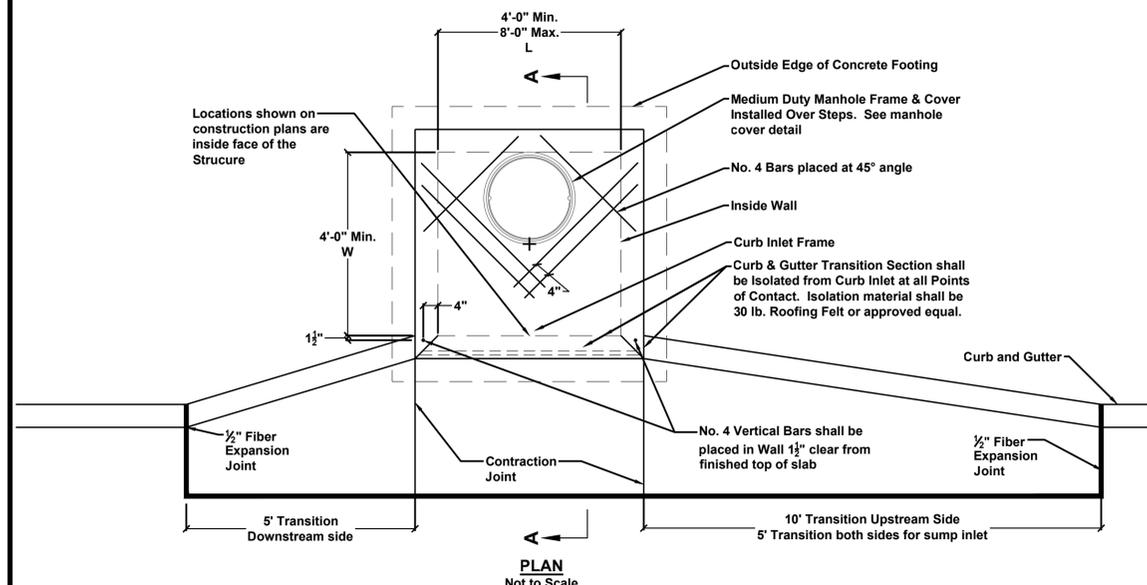
Issued for: BID SET

Date: 2024-03-14

DETAILS - 3

C30.03

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CURB INLET NOTES

GENERAL:

1. ALL TOPS FOR PRECAST CURB INLETS CAN BE PRECAST OR CAST IN PLACE. IF INLET TOPS ARE CAST IN PLACE, THE PRECAST INLET WALL STEEL SHALL BE LEFT EXPOSED TO A HEIGHT 2" BELOW THE FINISH TOP ELEVATION. ALL STRUCTURE TOPS MUST MATCH ADJACENT GRADES.

2. PRE-CAST SHOP DRAWINGS ARE TO BE APPROVED BY THE ENGINEER.
3. ANY QUESTIONS REGARDING DIMENSIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION.
4. ON-GRATE INLETS SHALL CONFORM TO THE STREET GRATE AND SUMP INLETS SHALL BE LEVEL.
5. THE FIRST DIMENSION LISTED IN THE CONSTRUCTION NOTES IS THE "L" DIMENSION. THE SECOND DIMENSION IS THE "W" DIMENSION. THE CONCRETE THICKNESS AND REINFORCEMENT SHOWN IS FOR BOXES WITH ("L"×"H") AND ("W"×"H") LESS THEN OR EQUAL TO 20. FOR BOXES WITH EITHER OF THESE CALCULATIONS GREATER THAN 20, A SPECIAL DESIGN IS REQUIRED.

CONCRETE:

6. CONCRETE USED SHALL CONFORM TO SPECIFICATIONS.
7. INLET FLOORS SHALL BE SHAPED WITH NON-REINFORCED CONCRETE INVERTS TO PROVIDE SMOOTH FLOW.
8. BEVEL ALL EXPOSED EDGES WITH 3/4" TRIANGULAR MOLDING.

REINFORCING STEEL:

9. REINFORCING STEEL SHALL BE NEW BILLET, MINIMUM GRADE 60 AS PER ASTM A615, AND SHALL BE BENT COLD.
10. ALL DIMENSIONS RELATIVE TO REINFORCING STEEL ARE TO CENTERLINE OF BARS. 2" CLEARANCE SHALL BE PROVIDED THROUGHOUT UNLESS NOTED OTHERWISE. TOLERANCE OF +/- 1/8" SHALL BE PERMITTED.
11. ALL LAP SPLICES NOT SHOWN SHALL BE A MINIMUM OF 40 BAR DIAMETERS IN LENGTH.
12. ALL REINFORCING STEEL SHALL BE SUPPORTED ON FABRICATED STEEL BAR SUPPORTS @ 3'-0" MAXIMUM SPACING.

13. ALL DOWELS SHALL BE ACCURATELY PLACED AND SECURELY TIED IN PLACE PRIOR TO PLACEMENT OF BOTTOM SLAB CONCRETE. STICKING OF DOWELS INTO FRESH OR PARTIALLY HARDENED CONCRETE WILL NOT BE ACCEPTABLE.

CONSTRUCTION:

14. THE BOTTOM SLAB SHALL BE AT LEAST 24 HOURS OLD BEFORE PLACING SIDEWALK CONCRETE. ALL SIDEWALK FORMS SHALL REMAIN IN PLACE A MINIMUM OF 24 HOURS AFTER SIDEWALLS ARE POURED BEFORE REMOVAL, AND AFTER REMOVAL SHALL BE IMMEDIATELY TREATED WITH MEMBRANE CURING COMPOUND.

15. ALL CURB INLET TOPS ARE TO BE CONSTRUCTED AFTER FINAL CURB STRING LINE HAS BEEN APPROVED BY THE ENGINEER AND PRIOR TO CURB CONSTRUCTION, OR AS DIRECTED BY THE ENGINEER.
16. PIPE CONNECTIONS TO PRE-CAST STRUCTURES SHALL HAVE A MINIMUM OF 6" OF CONCRETE AROUND THE ENTIRE PIPE WITHIN 2' OF THE STRUCTURE.

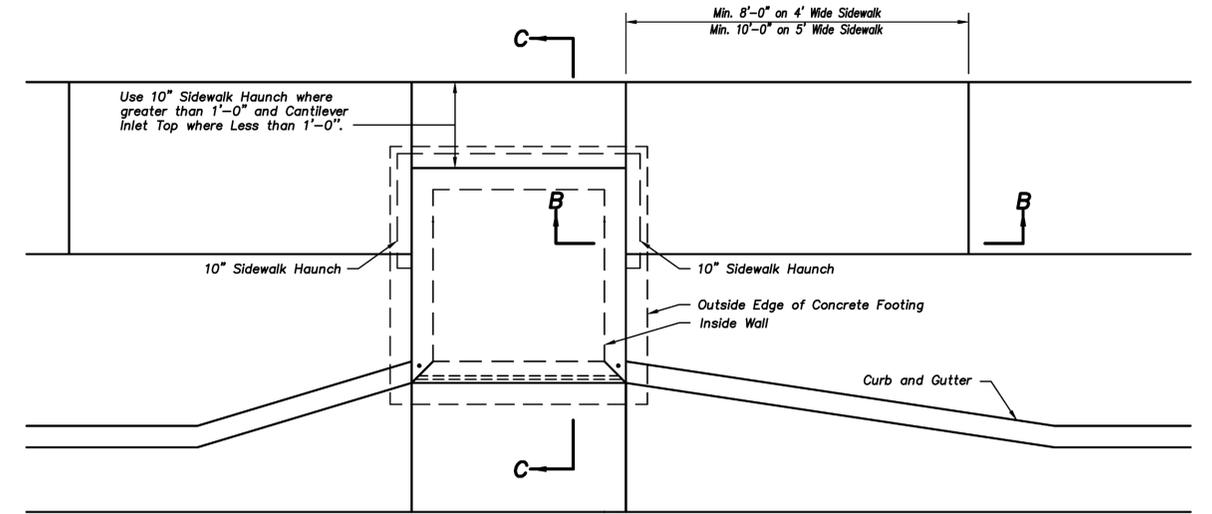
17. MATERIAL SELECTION AND COMPACTION REQUIREMENTS FOR BACKFILL AROUND STRUCTURES SHALL BE AS SPECIFIED IN THE MANUAL OF INFRASTRUCTURE STANDARDS.

(*) Curb & gutter Transition Section shall be isolated from Curb Inlet at all points of contact. Isolation material shall be 30 lb. Roofing Felt or approved equal.

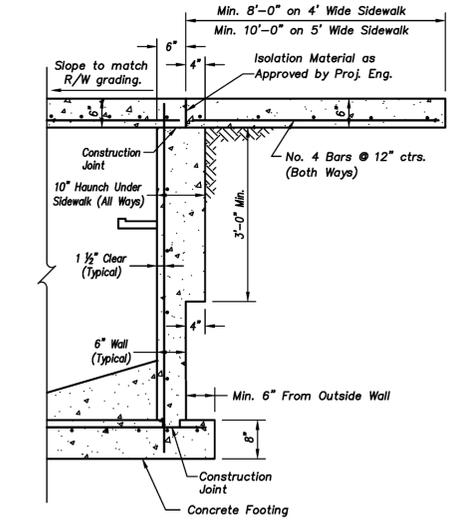
(**) the material of the grate shall match the material of the pipe and shall be as follows:

- a) PVC: Pipe - 4" Schedule 40 PVC meeting ASTM D-1785 Grate - 4" PVC Snap - in Drain - meet ASTM D2665, with Stainless steel (Type 304) Cover, mounted with two 18-8 Stainless Steel Screws; Maximum opening size 1/4"
- b) HDPE: Pipe - 4" HDPE meeting AASHTO M252, Type S; Grate - 4" HDPE - meets ASTM D-3350; Maximum opening size 1/4"

1 CURB INLET DETAILS
Not to Scale

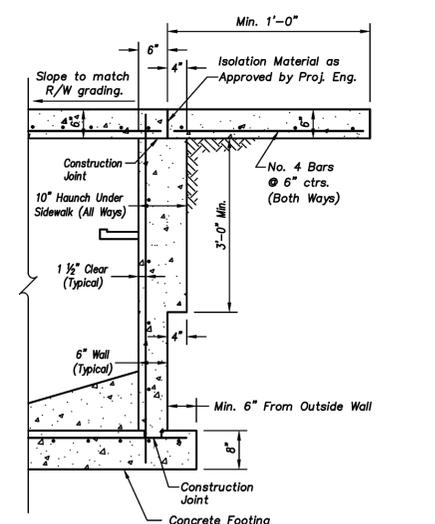


Plan



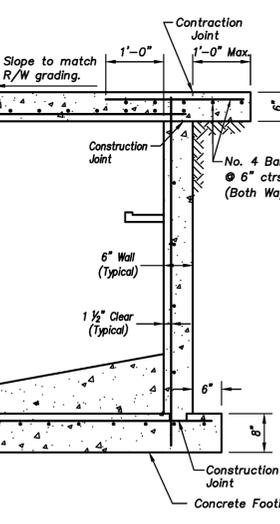
Section B-B
With Sidewalk Haunch

NOTE: Sidewalk Haunch is Subsidiary to the Curb Inlet Construction.



Section C-C
With Sidewalk Haunch Where Sidewalk Width > 1' Along Back of Inlet

NOTE: Sidewalk Haunch is Subsidiary to the Curb Inlet Construction.



Section C-C
With Cantilever Inlet Top Where Sidewalk Width < 1' Along Back of Inlet

NOTE: Sidewalk Haunch is Subsidiary to the Curb Inlet Construction.

2 CURB INLET WITH ADJOINING SIDEWALK DETAIL
Not to Scale

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REV. NO.	DATE	DESCRIPTION
1	05/02/2025	ADDENDUM #1



SK Project No. 16-108
Design: KM
Checked: SM

South Main Improvement Phase II & Pedestrian Enhancement
STP-4301104 & TAP-4301106
City of Maryville, Missouri

Issued for: BID SET

Date: 2024-03-14

DETAILS - 4

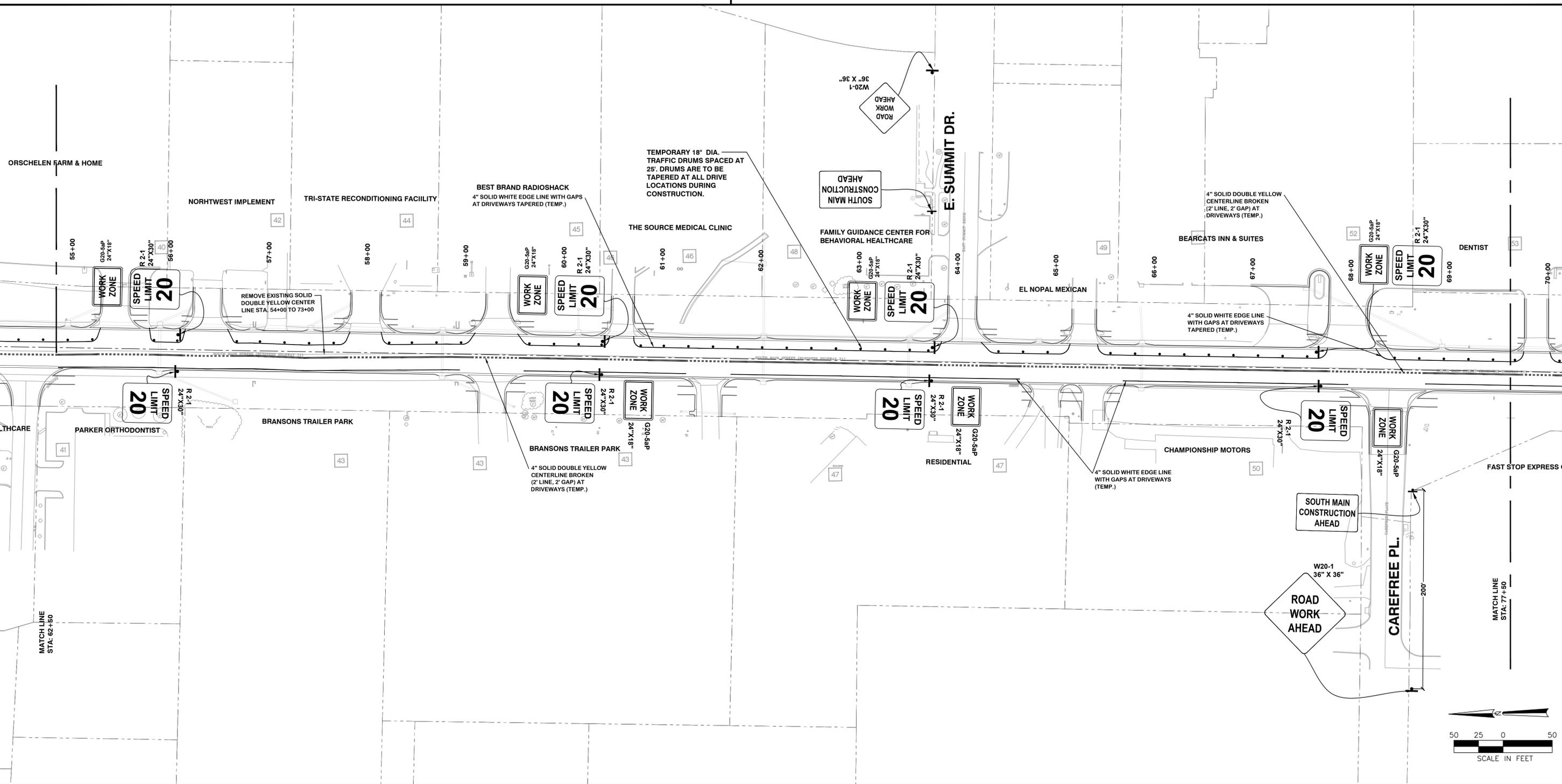
C30.04

MAINTENANCE OF TRAFFIC NOTES

1. CONTRACTOR SHALL SUBMIT A DETAILED TRAFFIC CONTROL PLAN IN ACCORDANCE WITH MUTCD FOR APPROVAL PRIOR TO START OF CONSTRUCTION.
2. IT IS THE INTENT OF THE CITY TO MAINTAIN TWO LANES OF TRAFFIC ON SOUTH MAIN. CONTRACTOR SHALL PROVIDE FLAG MAN AS NECESSARY PER MUTCD WHEN ONLY SINGLE LANE MUST BE USED.
3. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES ALONG THE PROJECT, AT ALL TIMES.
4. ALTERNATIVE TEMPORARY ACCESS POINTS APPROVED BY INDIVIDUAL PROPERTY OWNERS MAY BE ACCEPTABLE, PROVIDED THAT PROPER SIGNAGE IS INSTALLED TO THE SATISFACTION OF THE PROPERTY OWNER.
5. CONTRACTOR'S DETAILED PHASING AND TRAFFIC CONTROL PLAN SHALL IDENTIFY HOW ACCESS IS MAINTAINED TO EACH BUSINESS DURING ALL PHASES OF CONSTRUCTION.
6. WHERE UTILITIES CROSS THE MAIN TRAVEL WAY, CONTRACTOR SHALL PROVIDE TEMPORARY ASPHALT PAVING AS NECESSARY TO MAINTAIN ONE LANE OF TRAFFIC OPEN IN EACH DIRECTION, AT ALL TIMES.
7. MILLING AND ASPHALT PAVING SHALL BE PERFORMED TO MINIMIZE TRAFFIC DISRUPTIONS AND ACCESS TO THE PROPERTIES AFFECTED.
8. CONTRACTOR MAY PERFORM WORK AT NIGHT WHEN NECESSARY, AT HIS/HER OWN EXPENSE, TO MEET SCHEDULE AND TO ALLOW MAINTENANCE OF TRAFFIC.
9. CONTRACTOR SHALL INSTALL STEEL PLATES OVER THE UTILITY TRENCHES AS APPROPRIATE TO ALLOW MAINTENANCE OF TRAFFIC. STEEL PLATE IS SUBSIDIARY TO TRAFFIC CONTROL.
10. ALL EXISTING PAVEMENT MARKINGS IN CONFLICT WITH THE PROPOSED TEMPORARY TRAFFIC CONTROL PAVEMENT MARKINGS SHALL BE REMOVED.
11. SEE SHEET C33.18 FOR SEQUENCE OF WORK SOUTH OF STA. 72+00

GENERAL SEQUENCE OF PAVING FOR SOUTH MAIN NORTH OF STA. 73+00:

1. CURB WORK AND BASE WIDENING SHALL BE DONE ON THE EAST SIDE FIRST. MAINTAIN TRAFFIC PATTERNS AND ACCESS TO PROPERTY OWNERS.
2. SAW CUT AND REMOVE EXISTING SHOULDER.
3. FURNISH & INSTALL FILL FOR EMBANKMENTS AS NECESSARY. BENCH PER DETAIL ON SHEET C25.07
4. INSTALL UTILITIES
5. PREPARE WIDENING SUBGRADE AND AGGREGATE BASE.
6. CONSTRUCT NEW CURBS AT THE DESIGN ELEVATIONS.
7. CONSTRUCT NEW CONCRETE BASE AT WIDENING. CONCRETE BASE TO BE 2" BELOW THE SURFACE OF EXISTING PAVEMENT. INSTALL TEMPORARY OVERLAY ON THE CONCRETE BASE. ADD TEMPORARY ASPHALT AT CHANGES IN GRADE AS NECESSARY FOR MAINTENANCE OF TRAFFIC.
8. REPEAT FOR OTHER SIDE OF ROAD.
9. MILL THE SURFACE OF THE EXISTING PAVEMENT AND THE 2" TEMPORARY ASPHALT BY 2" PER THE APPROVED SCHEDULE.
10. INSTALL THE VARYING THICKNESS APWA BASE COURSE OF OVERLAY PER THE APPROVED SCHEDULE.
11. CROSS SLOPE OF BASE COURSE SHALL START AT 2" BELOW THE LIP OF GUTTER AND EXTEND AT 2% TO THE CENTERLINE EXCEPT AT STATIONS GIVEN IN THE CROSS SLOPE TRANSITION TABLE ON SHEET C20.03 AND C20.04
12. INSTALL 2" OF APWA SURFACE COURSE AT 2% BETWEEN THE CENTERLINE AND THE CURBS PER THE APPROVED SCHEDULE.



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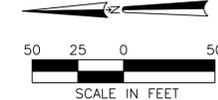
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**South Main Improvement Phase II & Pedestrian Enhancement
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**SOUTH MAIN TRAFFIC CONTROL
 PLAN - 2**



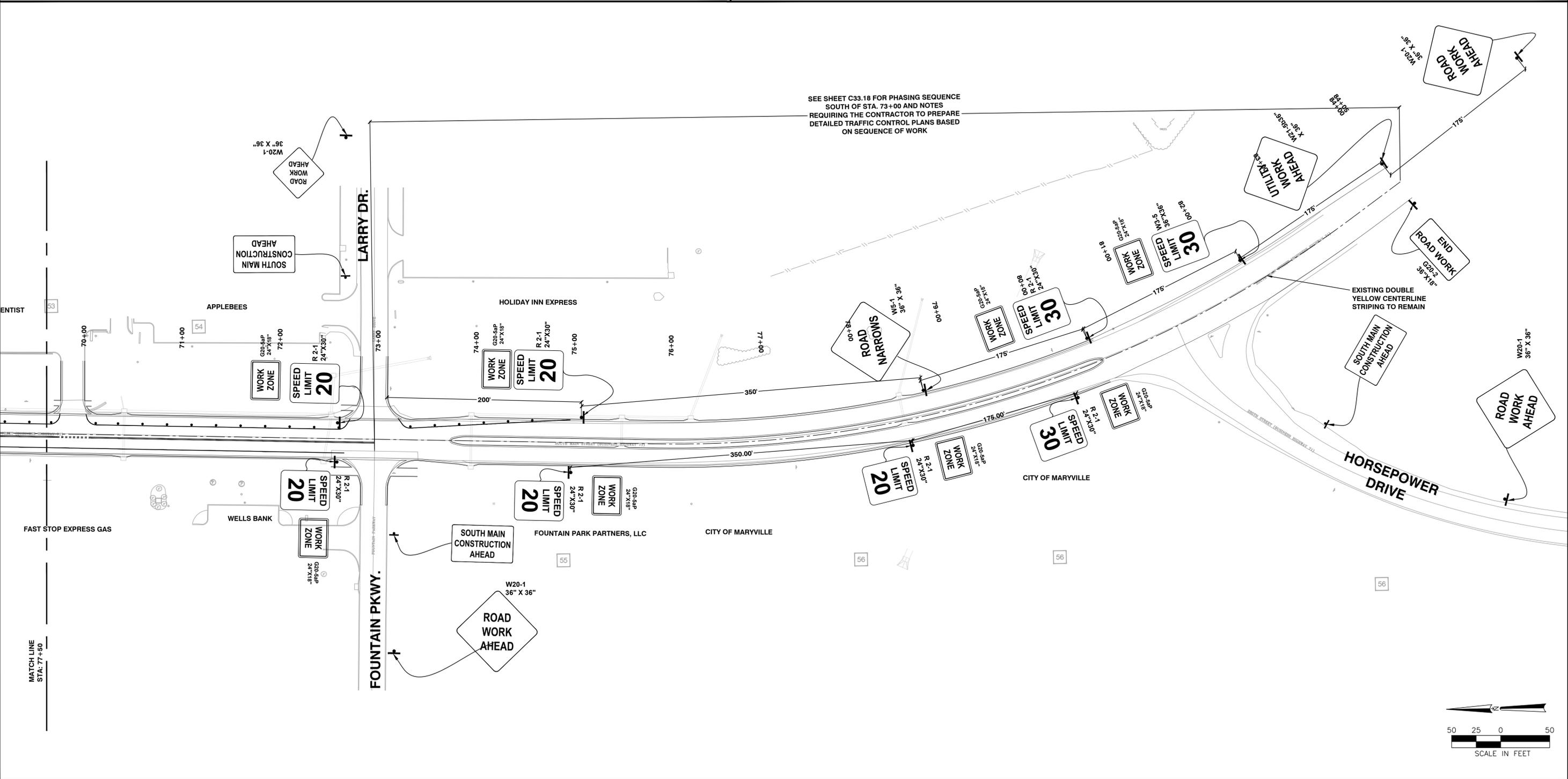
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MAINTENANCE OF TRAFFIC NOTES

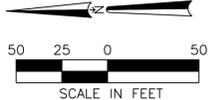
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12. INSTALL 2" OF APWA SURFACE COURSE AT 2% BETWEEN THE CENTERLINE AND THE CURBS PER THE APPROVED SCHEDULE.



SEE SHEET C33.18 FOR PHASING SEQUENCE SOUTH OF STA. 73+00 AND NOTES REQUIRING THE CONTRACTOR TO PREPARE DETAILED TRAFFIC CONTROL PLANS BASED ON SEQUENCE OF WORK



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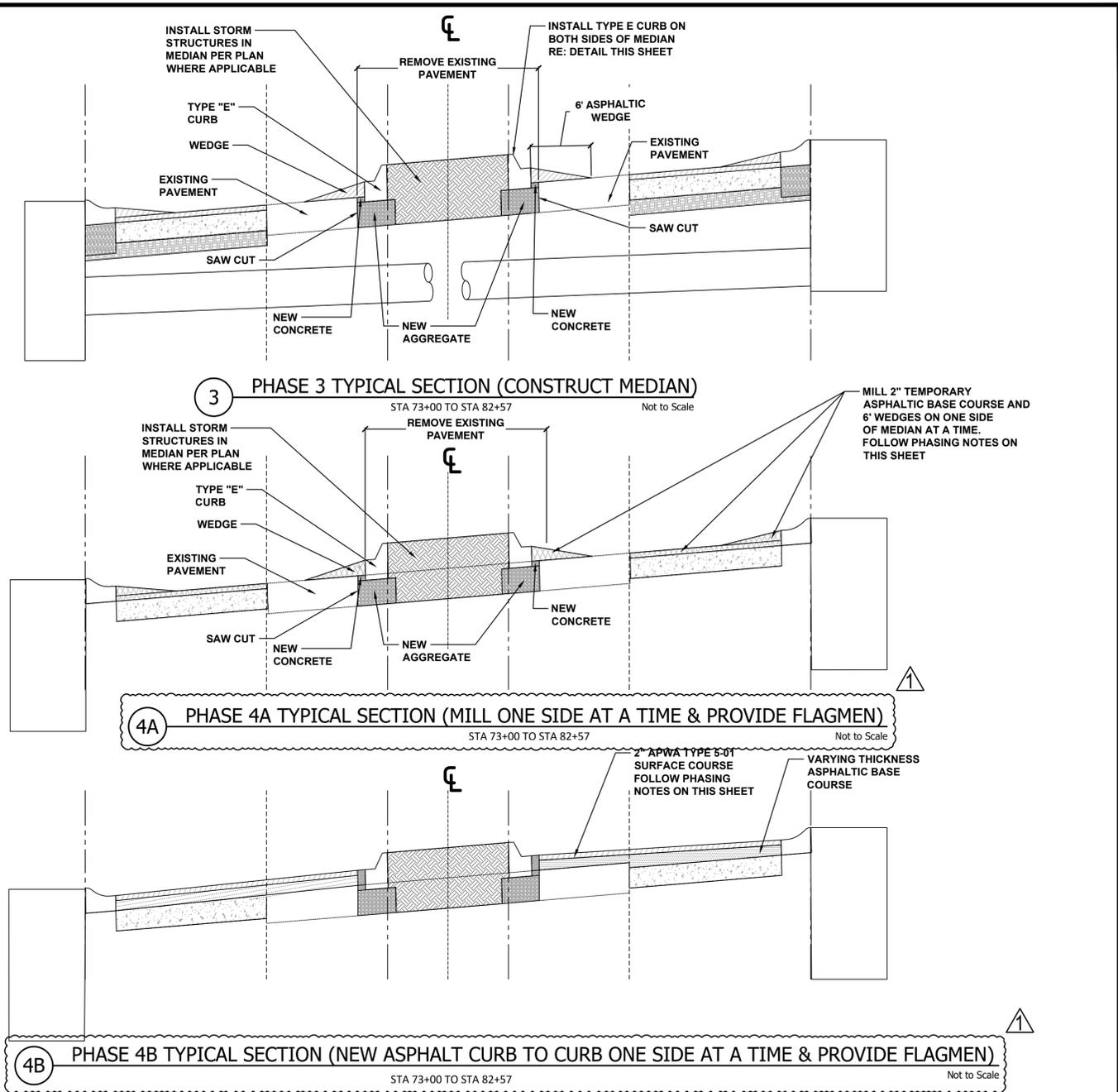
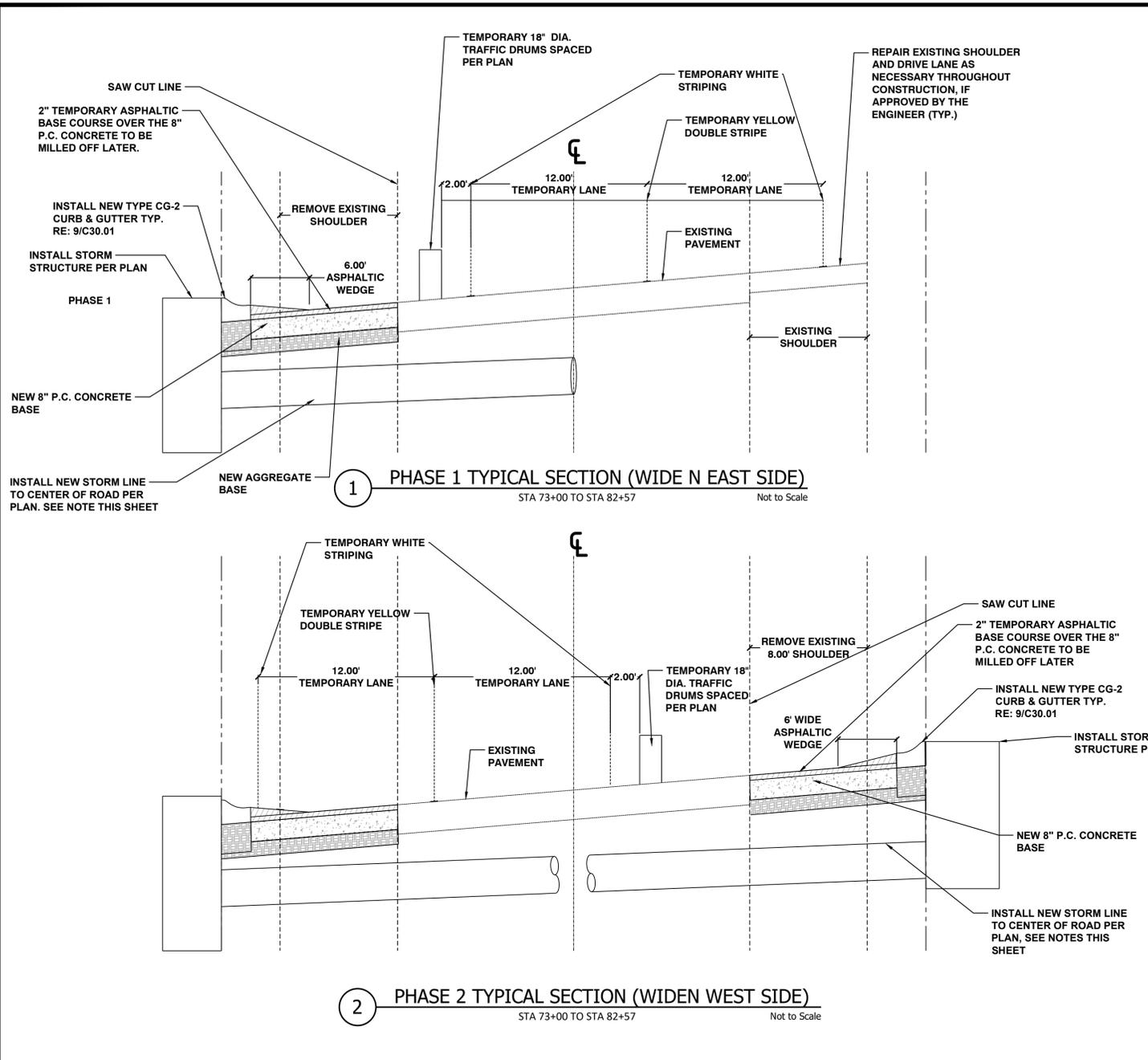
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SOUTH MAIN TRAFFIC CONTROL PLAN - 3

Date: 2024-03-14

C33.17

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SEQUENCE OF MAJOR WORK FOR THE AREA BETWEEN STATION 73+00 TO END OF PROJECT:
GENERAL NOTE: CONTRACTOR SHALL SUBMIT DETAILED TRAFFIC CONTROL PLANS IN ACCORDANCE WITH THE PHASING SHOWN HERE ON PREPARED BY A QUALIFIED TRAFFIC CONTROL COMPANY PER MUTCD FOR APPROVAL BY THE ENGINEER PRIOR TO START OF WORK.

PHASE 1:

1. INSTALL EROSION CONTROL MEASURES.
2. PERFORM EARTHWORK ON THE EAST SIDE OF ROAD.
3. EXTEND EXISTING STORM SEWER LINE PER PLAN ON THE EAST SIDE OF THE ROAD.
4. INSTALL TEMPORARY TRAFFIC CONTROL MEASURES PER PLAN.
5. SAW CUT AND REMOVE EXISTING SHOULDER ON THE EAST SIDE OF ROAD.
6. INSTALL STORM SEWERS ON THE EAST SIDE OF THE ROAD AND EXTEND CROSSROAD PIPES TO CENTER OF THE ROAD USING FLAGMEN. TEMPORARILY CAP END OF PIPES "OO", "NN" AND "NNA" AT CENTER OF ROAD. INLETS NNSA AND OOS SHALL BE CONSTRUCTED IN PHASE 3.
7. BACKFILL CROSSROAD PIPES WITH FLOWABLE FILL AND INSTALL 8" OF CONCRETE BASE TO THE SURFACE OF EXISTING PAVEMENT. PLATE OVER THE BACKFILLED TRENCH TO OPEN ROADWAY TO TRAFFIC ASAP.
8. INSTALL AGGREGATE BASE AND 8" P.C. CONCRETE BASE TO 2" BELOW EXISTING PAVEMENT SURFACE. FOLLOW EXISTING PAVEMENT SLOPE.
9. INSTALL ROLLBACK CURB ON THE OUTSIDE EDGE OF ROAD.
10. INSTALL 2" TEMPORARY ASPHALT SURFACE COURSE OVER THE 8" CONCRETE BASE AND INSTALL 6" WIDE VARYING THICKNESS ASPHALT WEDGE BETWEEN THE LIP OF NEW CURB AND THE 2" TEMP ASPHALT.

PHASE 2:

1. REPEAT STEPS 1 THROUGH 10 FOR WEST SIDE OF ROAD. EARTHWORK FOR PHASE 2 MAY BEGIN DURING PHASE 1.
2. INSTALL INLET NN7, EXTEND PIPE, AND CONNECT TO PREVIOUSLY CONSTRUCTED PIPE AT THE CENTER OF MEDIAN USING FLAGMAN. BACKFILL PER NOTE 7 OF PHASE 1.

PHASE 3:

1. INSTALL EROSION CONTROL MEASURES AT NEW INLETS.
2. INSTALL TEMPORARY TRAFFIC CONTROL MEASURES FOR PHASE 3.
3. SAW CUT AND REMOVE EXISTING PAVEMENT WITHIN THE NEW MEDIAN PER PLAN.
4. INSTALL AGGREGATE BELOW NEW MEDIAN CURBS.
5. INSTALL INLETS OOS AND NNSA, AND EXTEND PIPES INSTALLED IN PHASE1 TO THESE INLETS.
6. INSTALL MEDIAN CURBS.
7. PATCH AREA BETWEEN SAW CUT AND THE NEW CURB TO SURFACE OF EXISTING PAVEMENT.
8. INSTALL 6" WIDE VARYING THICKNESS ASPHALT WEDGE BETWEEN THE LIP OF NEW MEDIAN CURB AND THE EXISTING PAVEMENT SURFACE.
9. BACKFILL MEDIAN WITH SUITABLE SOIL.

PHASE 4:

1. PROVIDE FLAGMEN AND TRAFFIC CONTROL DEVICES PER MUTCD TO DIRECT ONE WAY TRAFFIC TO ONE SIDE OF MEDIAN TO ALLOW MILLING AND PAVING THE OTHER SIDE OF MEDIAN.
2. MILL 2" OF EXISTING PAVEMENT SURFACE. MILL THE 2" TEMPORARY ASPHALT LAYER OVER THE NEW CONCRETE BASE, AND THE VARYING HEIGHT WEDGE AT NEW CURB AND PAVE BETWEEN THE OUTSIDE CURB AND THE MEDIAN PER PLAN.
3. STOP MILL AND OVERLAY AT 5 AM EACH MORNING, TRANSITION PAVEMENT TO EXISTING PAVEMENT AND RETURN TRAFFIC TO ONE LANE IN EACH DIRECTION.
4. REPEAT STEPS 1 AND 2 FOR THE OTHER SIDE OF MEDIAN.
5. INSTALL PAVEMENT MARKINGS AND OTHER MISCELLANEOUS ITEMS PER PLAN.

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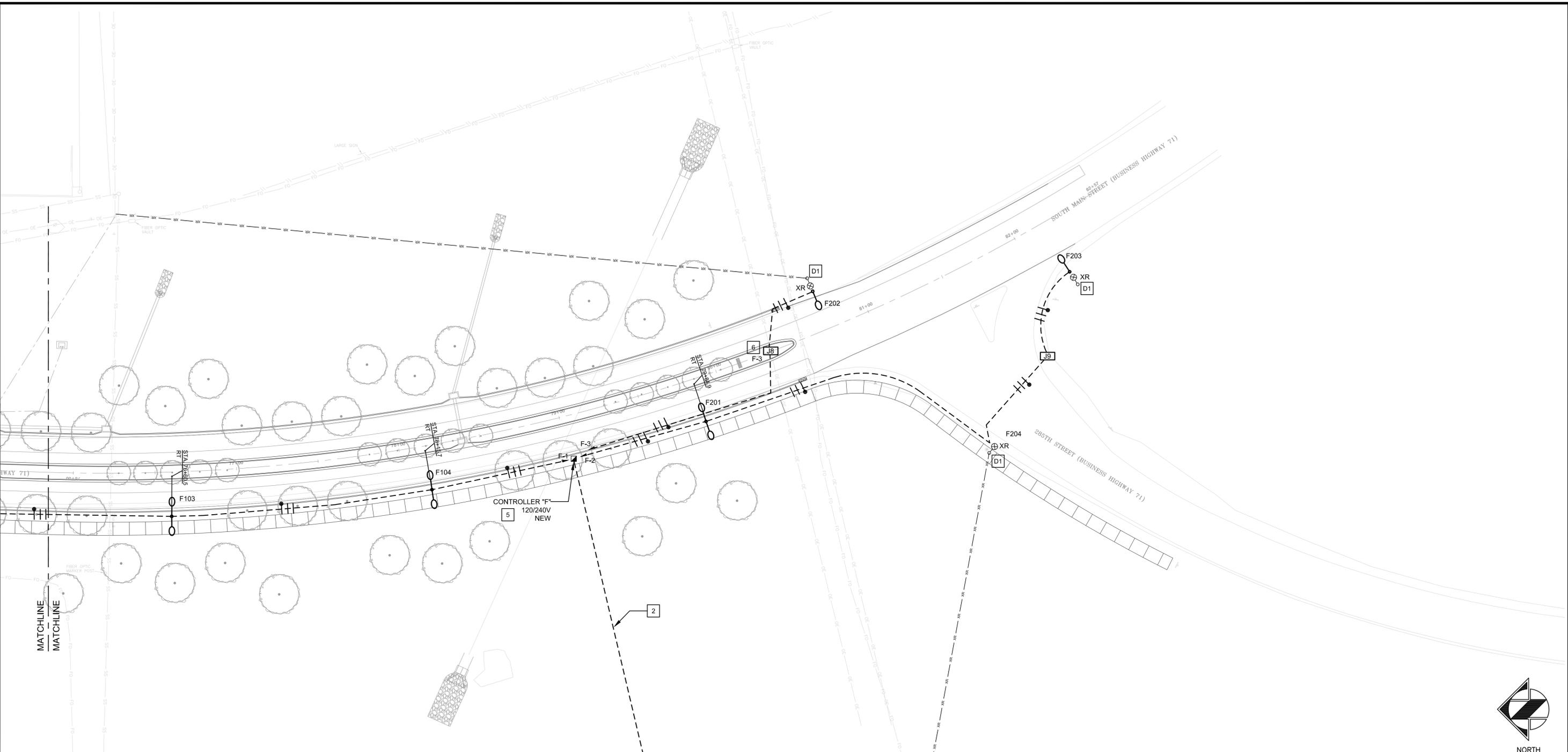
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SOUTH MAIN TRAFFIC CONTROL PHASES STA. 72+00 TO END OF PROJECT

Date: 2024-03-14

C33.18

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1 MAIN STREET ROADWAY LIGHTING PLAN PARTIAL

SCALE: 1" = 30'-0"

ROADWAY LIGHTING GENERAL NOTES

- A. RE: SHEET SE001 FOR CONSTRUCTION NOTES.
- B. REFER TO ELECTRICAL IMPROVEMENT SCHEDULES FOR ALL WIRE AND CONDUIT SIZES. REFER TO TRENCHING DETAILS FOR CONDUIT CROSSING ROADWAYS. ALL TRENCHES CROSSING ROADWAYS SHALL BE OUTSIDE OF CROSSWALK AREA.
- C. ALL WORK SHOWN ON PLANS MUST BE CONSTRUCTED REGARDLESS OF QUANTITIES SHOWN. ALL WORK PAID AS LUMP SUM.

ROADWAY LIGHTING KEY NOTES

- 1 NEW 100 AMP, 240/120 V, 1PH, 4 CKT LIGHTING CONTROLLER PER EQUIPMENT LIST. FIELD LOCATE FOR APPROVAL BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
- 2 (1) 3" EMPTY CONDUIT WITH PULLSTRING TO UTILITY POINT OF CONNECTION (POC). ALL ELECTRICAL EQUIPMENT MUST BE IN THE CITY'S RIGHT OF WAY. THE TRANSFORMER AND SECONDARY DROP MUST BE IN A UTILITY EASEMENT. COORDINATE EXACT LOCATION OF POC AND LIGHTING CONTROLLER WITH EVERY PRIOR TO START OF PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH EVERY ALL UTILITY UPGRADES TO PROVIDE THE SERVICES INDICATED. RE: DETAILS FOR ADDITIONAL UTILITY CONNECTION INFORMATION.

- 3 LUMINAIRE ON SHARED TRAFFIC SIGNAL POLE. CONDUIT AND WIRE IN POLE PROVIDED AND INSTALLED BY TRAFFIC SIGNAL CONTRACTOR. REFER TO TRAFFIC SIGNAL WIRING DIAGRAMS FOR CONDUIT AND WIRE INFORMATION AND QUANTITY.
- 4 SHARED TRAFFIC SIGNAL PULLBOX PROVIDED AND INSTALLED BY OTHERS. EC SHALL PROVIDE AND INSTALL CIRCUIT BETWEEN LUMINAIRES AND TO CONTROLLER IN CONDUIT PROVIDED AND INSTALLED BY TRAFFIC SIGNAL CONTRACTOR.
- 5 NEW 100 AMP, 240/120 V, 1PH, 4 CKT LIGHTING CONTROLLER PER EQUIPMENT LIST. FIELD LOCATE FOR APPROVAL BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.

- 6 INGRADE JUNCTION BOX FOR FUTURE SIGNAGE LIGHTING CIRCUIT. COIL 3FT OF EXTRA CONDUCTORS IN BOX.

ROADWAY LIGHTING DEMOLITION NOTES

GENERAL DEMOLITION NOTE:
REMOVE EXISTING ROADWAY LIGHTING ALONG MARYVILLE MAIN STREET CORRIDOR BETWEEN STATION LINES 10+00 AND 51+50. PROVIDE CONSTRUCTION SEQUENCING SO THAT THE ROADWAY REMAINS ILLUMINATED AT ALL TIMES. ALL EXISTING ROADWAY LIGHTING TO BE REMOVED SHALL REMAIN OPERATIONAL THROUGHOUT CONSTRUCTION AND SHALL BE REMOVED AFTER NEW LIGHTING IS INSTALLED AND FULLY OPERATIONAL. COORDINATE RELOCATION OF POLES WITH THE CITY OF MARYVILLE.

- D1 REMOVE EXISTING POLE, LUMINAIRE, ARM, FOUNDATION AND ASSOCIATED CONDUIT AND WIRE. RETURN LUMINAIRE ASSEMBLY TO CITY OF MARYVILLE. XR = REMOVE XL = EXISTING LOCATION. RELOCATE XN = NEW LOCATION ETR = EXISTING TO REMAIN
- D2 REMOVE EXISTING LUMINAIRE AND ARM FROM WOOD POLE.
- D3 RELOCATE EXISTING POLE, LUMINAIRE AND ARM TO NEW LOCATION NOTED WITH "XN". IF CIRCUIT IS UNDERGROUND, INTERCEPT EXISTING CIRCUIT IN INGRADE JUNCTION BOX AND EXTEND CONDUIT AND WIRE TO NEW POLE LOCATION. IF CIRCUIT IS OVERHEAD, RELOCATE OVERHEAD CIRCUIT TO NEW POLE LOCATION. IF EXISTING POLE FOUNDATION IS HELIX, FOUNDATION MAY BE REMOVED AND RE-USED IF NOT DAMAGED IN TRANSFER.

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ROADWAY LIGHTING PLAN -
PARTIAL

SE204

STP-4301 (104) and TAP-4301 (106)

City of Maryville, MO
415 N. Market Street, Maryville, MO 64468

REQUEST FOR BID

BID OF

Bidder Name _____

Bidder Address _____

FOR
CONSTRUCTING OR IMPROVING
South Main Improvement Phase II & Pedestrian Enhancements

STP-4301 (104) & TAP-4301 (106)

South Main, State Highway V to 285th Street
Nodaway County/Maryville, MO