CITY OF JOPLIN

7TH STREET SANITARY SEWER RELOCATION

ADDENDUM 1

Issue to all Bid Document Holders of Record.

Date Issued: 01/13/2026

Project Name: 7TH STREET SANITARY SEWER RELOCATION

This addendum forms a part of the contract described above. The original Contract Documents and any prior addenda remain in full force and effect as modified by the following that shall take precedence over any contrary provisions in the prior documents.

PLAN CHANGES

1. SHT G-002: Bid item has been added for the removal of unsuitable material.
    a. Revisions to SHT G-002 have been attached to the back of this addendum.
2. SHT G-003: CIPP Construction Notes have been revised to include encasement of the CIPP patch repairs with concrete or flowable fill.
    a. Revisions to SHT G-003 have been attached to the back of this addendum.

QUESTIONS FROM BIDDERS:

1. Does the City have any lots along this project for staging areas?
    a. It would be the contractor's responsibility to identify and secure appropriate staging areas.

2. Do you have any flow rates on the sewer so we know what size of bypass pumps will be needed?
    a. The City will work to retrieve flow rates from its hydraulic model. Bypass pumping flow rates can be assumed based on existing sewer pipe diameter.

3. Will Track hoes type equipment be able to walk down the street from line to line, or will we need to plan on moving them.
    a. It is the Contractor's responsibility to install rubber pads when track hoe type equipment is on a City street, or to obtain permission from the Missouri Department of Transportation if it's on 7th Street.

4. Do you have a detail on how you want to abandon the existing sewer lines? Plug the ends, or flowable fill?
    a. Similar to manhole abandonment, abandon the existing sewer lines with concrete plugs at the ends.

5. Can we get a list of plan holders?
    a. Sign in sheet from the pre-bid meeting has been released on bidnet express.

6. Do you have a list of approved list of CIPP Patch/point Contractors? Below is a list of some contractors capable of performing CIPP work:
    a. **Licensed with the City of Joplin:**
        i. Ace Pipe Cleaning, Inc.
    b. **Not licensed with the City of Joplin:**
        i. HK Solutions Group
        ii. Insituform Technologies
        iii. Visu-Sewer of Missouri, LLC
        iv. Municipal Pipe Tool Company, LLC
        v. SAK Construction
    c. Licensing can happen pretty quickly at the City

7. Where are the lateral service connections? What size?
    a. Lateral service connections are unknown. It is assumed that most are 4" or 6" in diameter.

8. Where do we use SDR26 vs SDR35 for the 8" and 12"?
    a. Use SDR 35 if the depth to the invert flow line is less than 10ft and SDR26 for depths greater than 10ft.

9. Unit pricing on bids?
    a. Yes

10. Lane closures on 7th street?
    a. Lane drops will be required. It is the City's intention to keep 2-way traffic at all times.

11. Night work?
    a. Night work can be approved on a case by case basis. The majority of work shall happen during the day.

12. Bypass: Will 24/7 pump watch be required?
    a. Bypass pumping done with backup systems and alarms in place will not require 24 hour pump watch. It is the contractor's responsibility to have someone on call in the event an emergency.

13. Does City provide a place to get rid of spoils
    a. The contractor shall plan to handle the removal of spoils on their own.

14. What if areas have bad soil underneath
    a. A bid item has been added for the removal of unsuitable material.
    b. A line item has been added to SHT G-002 on the plans

15. Can the road closures be expanded for manhole removal/repair?
    a. Potential to close half of road and do two way traffic
    b. Potential for night time work where traffic can be shut down in its entirety on a case by case basis

16. What is the railroad?
    a. Genesee & Wyoming Railroad Services, Inc.
    b. Contact:
        i. Brittany Lewis (Brittany.lewis@gwrr.com)

17. Railroad requirements?
    a. Flaggers will be required for all work on railroad property.
    b. Permitting for the crossing is currently under review by the railroad. The contractor will be required to submit a Right of Entry application to the railroad.

18. Will railroad be open to wet bores?
    a. Likely not. Jack and Bore is only approved means by the railroad. The contractor can discuss alternative methods of boring with the railroad and obtain approval through them.

19. Will pipe bursting be allowed?
    a. Pipe bursting will be allowed on a case by case basis. Contractor to submit and RFI on any sections where pipe bursting would be proposed.

Dan Johnson
Director of Public Works

1B-26
Date

Each bidder shall acknowledge receipt of this addendum by affixing his signature below by noting this addendum on his bid form, and by attaching this addendum to his bid.

ACKNOWLEDGEMENT
The undersigned acknowledges receipt of this addendum and the Bid submitted in accordance with information, instructions and stipulations set forth herein.

Bidder: _____

Signed By: _____

Date: _____

LEGEND:

CATV	CABLE TV LINE
	CENTER LINE
	CHAIN LINK FENCE
	PROP. SEWER ABANDONMENT/REMOVAL
1000	EXISTING CONTOUR LINE MAJOR
1000	EXISTING CONTOUR LINE MINOR
1000	PROPOSED CONTOUR LINE MAJOR
1000	PROPOSED CONTOUR LINE MINOR
ROW	EXISTING RIGHT OF WAY LINE
ROW	PROPOSED RIGHT OF WAY LINE
	PROPOSED EASEMENT LINE
	EXISTING EASEMENT LINE
X	FENCE LINE
FO	FIBER OPTIC LINE
G	GAS LINE
IRR	IRRIGATION LINE
LOC	LIMITS OF CONSTRUCTION
P-OH	OVERHEAD POWER LINE
	PROPERTY LINE
	SECTION LINE
SS	EXISTING SANITARY SEWER LINE
SS SS	PROPOSED SANITARY SEWER LINE
FM	SANITARY SEWER FORCE MAIN
SD	EXISTING STORM SEWER LINE
SD	PROPOSED STORM SEWER LINE
TEL	TELEPHONE LINE
	TREE MASS
	TREE ROW/BUSHES
P-UG	UNDERGROUND POWER LINE
	WOOD FENCE
X X	WIRE FENCE
W	WATER LINE
	EXHISTING SEWER MANHOLE
	PROPOSED SEWER MANHOLE

ABBREVIATION TABLE:

ADJ.	ADJUST
APPROX.	APPROXIMATE, APPROXIMATELY
BC	BACK OF CURB
B-B	BACK OF CURB TO BACK OF CURB DIMENSION
℄	CENTERLINE
CONST	CONSTRUCTION
CP	CONTROL POINT
DIA, DIAM	DIAMETER
D.N.D.	DO NOT DISTURB
ELEV, EL	ELEVATION
EP	EDGE OF PAVEMENT
ESMT.	EASEMENT
EXIST, EX	EXISTING
M.G.	MATCH GRADE
MH	MANHOLE
PROP	PROPOSED
(R)	REMOVAL
ROW, R/W	RIGHT-OF-WAY
TBM	TEMPORARY BENCHMARK
TC	TOP OF CURB
TCE	TEMPORARY CONSTRUCTION EASEMENT
TP	PAVEMENT
TYP.	TYPICAL
U.I.P	USE IN PLACE

Estimated Quantities

NO.	Pay Items	Unit	Quantity	
			Estimated	As-Built
1	MOBILIZATION	LS	1	
2	CONSTRUCTION STAKING	LS	1	
3	CONSTRUCTION SIGNING AND TRAFFIC CONTROL	LS	1	
4	CLEARING AND GRUBBING	LS	1	
5	SEDIMENT AND EROSION CONTROL	LS	1	
6	GPS "AS-BUILT" SURVEY	LS	1	
7	COLOR AUDIO/VIDEO RECORDING PRE AND POST CONSTRUCTION (DVD)	LS	1	
8	CCTV INSPECTION (PRE CONSTRUCTION)	LF	2100	
9	CCTV INSPECTION (POST CONSTRUCTION)	LF	2772	
10	BYPASS PUMPING	LS	1	
11	DEWATERING	LS	1	
12	DEFLECTION TEST (<24 INCH)	LS	1	
13	SEWER LEAK TEST (<24 INCH)	LS	1	
14	MANHOLE TESTING (<24 INCH)	LS	1	
15	CIPP PATCH/POINT REPAIR (8" DIAMETER SEWER)	EA	10	
16	CIPP PATCH/POINT REPAIR (12" DIAMETER SEWER)	EA	1	
17	TRENCH EXCAVATION 0-10'	LF	939	
18	TRENCH EXCAVATION 0-15'	LF	1557	
19	TRENCH EXCAVATION 0-20'	LF	152	
20	8" SEWER PIPE (PVC - SDR-35)	LF	91	
21	8" SEWER PIPE (PVC - SDR-26)	LF	1262	
22	12" SEWER PIPE (PVC - SDR-35)	LF	843	
23	12" SEWER PIPE (PVC - SDR-26)	LF	452	
24	12" SEWER PIPE (DIP - LINED) (PIPE - ONLY)	LF	125	
25	TRENCHLESS CONSTRUCTION (12-INCH CARRIER)	LF	125	
26	20" STEEL ENCASEMENT	LF	115	
27	CONCRETE ENCASEMENT FOR SEWER MAIN	CY	7	
28	CONCRETE COLLAR	EA	2	
29	CONNECT SEWER MAIN TO EXISTING MH	EA	4	
30	ABANDON EXISTING SEWER MAIN (8-INCH)	LF	1816	
31	REMOVE EXISTING SEWER MAIN (8-INCH)	LF	396	
32	ABANDON MANHOLE	EA	16	
33	REMOVE MANHOLE	EA	6	
34	NEW MANHOLE (48" DIAM)	EA	30	
35	OUTSIDE MH DROP CONNECTION (8")	EA	2	
36	4" CLEANOUT	EA	1	
37	SEWER SERVICE CONNECTION	EA	30	
38	SEWER SERVICE LINE	LF	1608	
39	POINT REPAIR	EA	5	
40	REMOVE AND REPLACE CURB AND GUTTER	LF	80	
41	REMOVE AND REPLACE SIDEWALK	SF	238	
42	PAVEMENT CUT AND TEMPORARY REPAIR	SY	1124	
43	PAVEMENT CUT AND PERMANENT REPAIR (ASPHALT)	SY	806	
44	REMOVE AND REPLACE DRIVEWAY (CONCRETE)	SY	30	
45	SOLID SLAB SODDING	SY	1553	
BID ADD 1	REMOVAL OF UNSUITABLE MATERIAL	CY	1	

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STATE OF MISSOURI
MATTHEW JESSOP
NUMBER PE-2025008011
PROFESSIONAL ENGINEER

01/08/2026

REVISIONS

REV. NO.	DATE	DESCRIPTION	BY
1	01/12/2026	BID ADDENDUM 1	KMT

LEGEND AND QUANTITIES

7TH STREET SANITARY SEWER RELOCATION
CITY OF JOPLIN, MISSOURI

JOPLIN, MISSOURI

2025

drawn by: KMT
designed by: MAJ
project no.: 024-03774
date: OCTOBER, 2025

SHEET
G-002

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DATE: Jan 12, 2026 11:15am USER: ktucker

GENERAL NOTES:

1. ALL WORK PRESENTED, IMPLIED, AND/OR COMPLETED AS A PART OF THIS PLAN SET SHALL CONFORM TO THE LATEST EDITION OF THE STANDARD SPECIFICATIONS OF THE CITY OF JOPLIN UNLESS SPECIFICALLY STATED OTHERWISE. ALL ITEMS AND WORK REFERENCING MODOT STANDARD DETAILS SHALL CONFORM TO THE LATEST EDITION OF THE MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION. THE CONTRACTOR SHALL HAVE ONE (1) SIGNED COPY OF THE CONTRACT DOCUMENTS INCLUDING PLANS (APPROVED BY CITY OF JOPLIN) AND ONE (1) COPY OF ALL APPROPRIATE DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS ON THE SITE AT ALL TIMES.
2. THE CONTRACTOR SHALL NOT CHANGE OR DEVIATE FROM THE PLANS WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE OWNER AND ENGINEER.
3. THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ALL PERMITS AND PAY ALL FEES AS REQUIRED BY THE CONSTRUCTION COVERED IN THESE PLANS. THIS ITEM IS SUBSIDIARY TO OTHER BID ITEMS.
4. ALL WORK AND MATERIALS SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE OWNER OR THE OWNER'S REPRESENTATIVE.
5. THE CONTRACTOR SHALL PROVIDE ADEQUATE TRAFFIC CONTROL IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (LATEST VERSION) THROUGHOUT THE PROJECT IN HIGHWAYS, SIDEWALKS, STREETS AND INTERSECTIONS. ALLEY ENTRANCES SHALL BE BLOCKED WITH BARRICADES WHILE THE ALLEY IS UNDER CONSTRUCTION. THIS ITEM IS SUBSIDIARY TO OTHER BID ITEMS.
6. ALL ELEVATIONS ARE TO NORTH AMERICAN VERTICAL DATUM (N.A.V.D. 1988).
7. PRIOR TO MOVING OFF THE JOB THE CONTRACTOR SHALL NOTIFY THE ENGINEER TO DO A FINAL WALK-THROUGH OF THE CONSTRUCTION SITE.
8. THE CONTRACTOR SHALL SUBMIT WRITTEN REQUEST TO THE ENGINEER FOR APPROVAL OF ALL AREAS TO BE USED FOR STAGING, MOBILIZATION, EQUIPMENT AND MATERIAL STORAGE AND GENERAL PROJECT CONSTRUCTION MANAGEMENT. REQUEST SHALL BE SUBMITTED TO THE ENGINEER WITHIN 5 DAYS OF THE NOTICE TO PROCEED.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING GENERAL SAFETY AT AND ADJACENT TO THE PROJECT AREA, INCLUDING THE PERSONAL SAFETY OF THE CONSTRUCTION CREW AND THE GENERAL PUBLIC AND THE SAFETY OF PUBLIC AND PRIVATE PROPERTY. THIS ITEM IS SUBSIDIARY TO OTHER BID ITEMS.
10. NO EQUIPMENT OR MATERIAL SHALL BE DEPOSITED ON PRIVATE PROPERTY WITHOUT WRITTEN PERMISSION. THE CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGES RESULTING FROM SUCH ACTS AND SHALL REMOVE THE MATERIAL AND RESTORE THE PROPERTY AT THE EXPENSE OF THE CONTRACTOR. IF THE CONTRACTOR'S OPERATIONS REQUIRE WORK ON OR ACCESS ACROSS PRIVATE PROPERTY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN WRITTEN PERMISSION FROM THE PROPERTY OWNER TO ENTER THE PROPERTY AND TO REPAIR ANY DAMAGE TO PRIVATE PROPERTY CAUSED BY HIS OPERATIONS.
11. CONSTRUCTION ACTIVITIES SHALL BE LIMITED TO THE HOURS STATED IN THE CITY NOISE ORDINANCE UNLESS APPROVED OR DIRECTED BY THE ENGINEER.
12. THE CITY OF JOPLIN SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL DEMOLITION AND REMOVAL ITEMS SUCH AS SIGNAGE, POLES, SIGNAL EQUIPMENT, ETC. THE CONTRACTOR SHALL COORDINATE WITH PUBLIC WORKS FOR A TIME AND LOCATION TO DELIVER THOSE ITEMS TO THE CITY. CONSTRUCTION DEBRIS SUCH AS BROKEN CONCRETE, EXCESS FILL, ETC. SHALL BECOME THE PROPERTY OF THE CONTRACTOR. MATERIAL SHALL BE COMPLETELY REMOVED FROM THE SITE PRIOR TO ACCEPTANCE OF THE PROJECT. ALL MATERIAL SHALL BE DISPOSED OF IN A MANNER THAT IS IN COMPLIANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS. THIS ITEM IS SUBSIDIARY TO OTHER BID ITEMS.
13. ALL ITEMS REMOVED SHALL BE DISPOSED OFF SITE BY THE CONTRACTOR AS PER CITY OF JOPLIN REQUIREMENTS.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL STORM AND SANITARY MANHOLE RIMS TO MATCH THE PROPOSED FINISHED GRADE. THIS ITEM IS SUBSIDIARY TO OTHER BID ITEMS.
15. UNLESS SPECIFICALLY STATED OTHERWISE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL EXISTING METERS, VALVES, VALVE BOXES, BUILDING DRAIN LINES, ETC. TO MATCH FINISHED GRADE. THIS ITEM IS SUBSIDIARY TO OTHER BID ITEMS.
16. RIGHT-OF-WAY AND EASEMENTS SHOWN ARE APPROXIMATE, AND DO NOT DEPICT A LEGAL SURVEY. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING EXACT LOCATION OF RIGHT-OF-WAY, PROPERTY LINES, AND EASEMENTS AND CONTAINING ACTIVITIES WITHIN THOSE LIMITS.
17. THE CONTRACTOR SHALL PROTECT EXISTING RIGHT-OF-WAY AND SURVEY MONUMENTS. ANY MONUMENTS DISTURBED DURING CONSTRUCTION SHALL BE RESET AT THE CONTRACTOR'S EXPENSE BY A PROFESSIONAL LAND SURVEYOR LICENSED IN THE STATE OF MISSOURI.
18. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A SCHEDULE OF OPERATIONS AT THE BEGINNING OF EACH WEEK. THIS ITEM IS SUBSIDIARY TO OTHER BID ITEMS.
19. THE CONTOUR LINES & SPOT ELEVATIONS SHOWN ARE TO FINISH GRADE FOR SURFACE OF PAVEMENT, TOP OF SIDEWALKS AND CURBS, TOP OF FLOOR SLABS, ETC. REFER TO TYPICAL SECTIONS FOR PAVING, SLAB AND AGGREGATE BASE THICKNESS TO DEDUCT FOR GRADING LINE ELEVATIONS.
20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE PUBLIC STREETS IN THE VICINITY OF THE JOB SITE CLEAN AND FREE OF ROCKS, SOIL AND DEBRIS. CLEAN STREETS OF CONSTRUCTION DEBRIS DAILY. THIS ITEM IS SUBSIDIARY TO OTHER BID ITEMS.
34. THE CONTRACTOR SHALL FINISH GRADE SLOPES AS SHOWN IN THE PLANS, NO STEEPER THAN 1 FOOT VERTICAL IN 3 FEET HORIZONTAL OR 1 FOOT VERTICAL IN 2 FEET HORIZONTAL IN GUARDRAIL AREAS. THIS ITEM IS SUBSIDIARY TO OTHER BID ITEMS.
35. ALL BACK FILL SHALL BE TAMPED. BACK FILL WITHIN THE RIGHT-OF-WAY SHALL BE COMPACTED TO 95% MAX. DENSITY AS PER ASTM-D698 (STANDARD PROCTOR COMPACTION). THIS ITEM IS SUBSIDIARY TO OTHER BID ITEMS.
36. THE EXISTING UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND MAY NOT INCLUDE ALL LINES PRESENT. THE CONTRACTOR SHALL BE RESPONSIBLE TO CALL "1-800-DIG-RITE", AND COORDINATE FIELD LOCATION OF EXISTING UNDERGROUND UTILITIES PRIOR TO BEGINNING GRADING ACTIVITIES. THIS ITEM IS SUBSIDIARY TO OTHER BID ITEMS.
37. THE CONTRACTOR SHALL MAKE EXPLORATION EXCAVATIONS AND LOCATE EXISTING UNDERGROUND UTILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISIONS ARE NECESSARY DUE TO ACTUAL LOCATION OF EXISTING FACILITIES. THIS ITEM IS SUBSIDIARY TO OTHER BID ITEMS.
38. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER EXISTING LINES NOT OF RECORD OR NOT SHOWN WITHIN THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIRS OF SUCH STRUCTURES WHEN BROKEN OR OTHERWISE DAMAGED BY CONSTRUCTION ACTIVITIES. THIS ITEM IS SUBSIDIARY TO OTHER BID ITEMS.
39. ALL TRENCHING SHALL BE IN ACCORDANCE WITH THE JOPLIN STANDARD SPECIFICATIONS. NO SEPARATE MEASUREMENTS AND PAYMENT WILL BE MADE FOR TRENCH EXCAVATION AND BACKFILL REQUIRED FOR SEWER CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF MATERIAL FROM STORM SEWER TRENCHING. THIS ITEM IS SUBSIDIARY TO OTHER BID ITEMS.
45. THE CONTRACTOR SHALL MAINTAIN AND COORDINATE OWNER, TENANT, DELIVERY AND EMERGENCY VEHICULAR AND/OR PEDESTRIAN ACCESS TO ALL RESIDENCES AT ALL TIMES IN ACCORDANCE WITH THE CITY OF JOPLIN, ADA, PROWAG, AND MUTCD REQUIREMENTS, INCLUDING TEMPORARY ACCESS AND SAFETY REQUIREMENTS TO COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS. THIS ITEM IS SUBSIDIARY TO OTHER BID ITEMS.
46. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF CONTAMINATED MATERIAL IN ACCORDANCE WITH ALL CITY, STATE AND FEDERAL REQUIREMENTS.
47. ALL WORK SHALL BE PERFORMED IN COMPLIANCE WITH THE OCCUPATION SAFETY AND HEALTH ADMINISTRATION RULES & REGULATIONS AND OTHER APPLICABLE CITY, STATE, AND FEDERAL CONSTRUCTION SAFETY REQUIREMENTS.
48. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN EXCAVATION NEAR BUILDINGS AND OTHER STRUCTURES AND SHALL PROVIDE NECESSARY SHEETING AND SHORING TO ASSURE PROPER INSTALLATION OF THE SEWERS. ALL COSTS FOR SHEETING AND SHORING SHALL BE INCLUDED IN THE PRICE BID FOR TRENCH EXCAVATION.
49. ALL COSTS FOR ANY DEWATERING SHALL BE CONSIDERED AS INCIDENTAL CONSTRUCTION.
50. ALL WORK NOT CLASSIFIED AS A "PAY ITEM" SHALL BE CONSIDERED INCIDENTAL CONSTRUCTION, THE COST OF WHICH SHALL BE INCLUDED IN THE COST OF OTHER BID.
51. THESE PLANS ARE TO BE CONSTRUCTED AHEAD OF, OR IN CONJUNCTION WITH, THE MODOT 7TH STREET PAVING PLANS (OLSSON, 2025). IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE PAVING CONTRACTOR IN ORDER TO FACILITATE CONSTRUCTION PHASING/SEQUENCING TO LIMIT THE IMPACTS TO TRAFFIC AND TRAFFIC CONTROL AS WELL AS LIMIT THE AMOUNT OF SURFACE REPAIR REQUIRED, WHETHER PERMANENT OR TEMPORARY. SHOULD THE CONTRACTOR FOR THESE SEWER PLANS CONSTRUCT PORTIONS OF THE SEWER LINES FAR IN ADVANCE OF THE PAVING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL MEASURES AND PERMANENT SURFACE REPAIR OF THE STREETS, DRIVEWAYS, SIDEWALKS, AND CURB AND GUTTER MAY BE REQUIRED. THE ALLOWABLE TIME THAT TEMPORARY SURFACE REPAIR CAN BE IN PLACE PRIOR TO THE PAVING WORK IS AT THE DISCRETION OF MODOT, THE CITY OF JOPLIN, AND THE ENGINEER.

CIPP CONSTRUCTION NOTES:

1. CONTRACTOR SHALL INSTALL CIPP PATCH THROUGH EXISTING MANHOLE. CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO ENSURE CIPP IS INSTALLED AS ONE CONTINUOUS PIECE WITHOUT ANY SIGNIFICANT DEFLECTIONS OR WRINKLES THAT WOULD PREVENT THE SMOOTH FLOW OF WASTEWATER OR CAUSE DEBRIS TO HANG UP AND CAUSE OBSTRUCTIONS.

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2. AFTER THE INSTALLATION OF THE CIPP PATCH, THE CONTRACTOR SHALL ABANDON THE EXISTING MANHOLE BY REMOVING THE FRAME & COVER, AND ENCASING AND BACKFILLING THE CIPP PATCH IN CONCRETE OR FLOWABLE FILL. CONTRACTOR SHALL ENCASE THE CIPP PATCH WITHIN THE MANHOLE IN SUCCESSIVE LIFTS. THE FIRST LIFT SHALL HAVE A MINIMUM DEPTH OF 1 FOOT AND BE ALLOWED TO CURE PRIOR TO PLACEMENT OF SUBSEQUENT LIFTS. CONTRACTOR SHALL ENSURE THAT THE CIPP IS NOT DAMAGED AS THE MANHOLE IS BACKFILLED WITH CRUSHED STONE. CONTRACTOR SHALL REPAIR THE PAVEMENT, SIDEWALK, AND/OR CURB AND GUTTER, AS NECESSARY, AFTER THE MANHOLE IS ABANDONED.

EROSION CONTROL NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROL OF SURFACE EROSION DURING CONSTRUCTION AND UNTIL THE OWNER ACCEPTS THE WORK AS COMPLETE. THE CONTRACTOR SHALL UTILIZE AND COMPLY WITH ALL REQUIREMENTS OF THE CITY OF JOPLIN'S LAND DISTURBANCE STORM WATER POLLUTION PREVENTION PLAN (SWPPP). ALL EROSION AND SEDIMENT CONTROL PLANS SHALL BE INCORPORATED INTO THE SWPPP. CONTRACTOR SHALL MAINTAIN THE SWPPP THROUGHOUT THE PROJECT AND COMPLETE THE REQUIRED DOCUMENTATION UNTIL THE SITE IS STABILIZED AND ACCEPTED BY THE ENGINEER. THIS ITEM IS SUBSIDIARY TO EROSION CONTROL.
2. CONSTRUCTION ACCESS TO THE SITE SHALL BE LIMITED TO THE APPROVED TEMPORARY CONSTRUCTION ENTRANCE(S). TEMPORARY CONSTRUCTION ENTRANCE SHALL HAVE SHOT ROCK FOR ITS SURFACE. THIS ITEM IS SUBSIDIARY TO EROSION CONTROL.
3. EROSION CONTROL DEVICES SHALL BE MAINTAINED DURING THE ENTIRE CONSTRUCTION PERIOD BY THE CONTRACTOR. THIS ITEM IS SUBSIDIARY TO EROSION CONTROL.
4. CONTRACTOR TO PROTECT ANY STORM INLETS FROM SEDIMENT THAT TAKE STORM WATER FROM THE AREA OF CONSTRUCTION. THIS ITEM IS SUBSIDIARY TO EROSION CONTROL.
5. ALL DISTURBED AREAS SHALL BE STABILIZED IN ACCORDANCE WITH THE LOCAL, STATE & FEDERAL REGULATIONS. THIS ITEM IS SUBSIDIARY TO EROSION CONTROL.
6. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING BERMS, SILT FENCES, OR OTHER MEANS TO PREVENT ERODED MATERIALS FROM REACHING THE PUBLIC RIGHT-OF-WAY AND ADJACENT PROPERTIES. IN THE EVENT THE PREVENTION MEASURES ARE NOT EFFECTIVE, THE CONTRACTOR SHALL REMOVE ANY DEBRIS, SILT, OR MUD AND RESTORE THE RIGHT-OF-WAY TO ORIGINAL OR BETTER CONDITION. THIS ITEM IS SUBSIDIARY TO EROSION CONTROL.
7. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTROL DOWNSTREAM EROSION AND SILTATION DURING ALL PHASES OF CONSTRUCTION. EROSION CONTROL PROCEDURES SHALL BE IN PLACE PRIOR TO BEGINNING GRADING ACTIVITIES. THIS ITEM IS SUBSIDIARY TO EROSION CONTROL.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE SEDIMENT CONTROL BARRIERS DURING CONSTRUCTION OR UNTIL THEY ARE RELEASED FROM THIS RESPONSIBILITY BY THE ENGINEER. THIS ITEM IS SUBSIDIARY TO EROSION CONTROL.
9. THE CONTRACTOR SHALL CLEAN OUT ALL EXISTING AND PROPOSED INLETS, PIPES AND MANHOLES OF DEBRIS AND SEDIMENTATION AT COMPLETION OF SITE WORK. THIS WORK SHALL BE DONE TO THE SATISFACTION OF THE OWNER & ENGINEER. THIS ITEM IS SUBSIDIARY TO EROSION CONTROL.
10. THE CONTRACTOR IS RESPONSIBLE FOR ATTENDING TO AND CORRECTING UNSUITABLE SOIL CONDITIONS RELATED TO PLOW ZONES, WET SOILS, AND OTHER CONDITIONS.
11. IF THE CONTRACTOR'S OPERATIONS CAUSE AN UNSATISFACTORY SUBGRADE, THE CONTRACTOR SHALL RESTORE THE SUBGRADE TO A SATISFACTORY CONDITION AT THE CONTRACTOR'S EXPENSE.
12. STRIPPINGS ARE TO BE STOCKPILED. FOLLOWING THE COMPLETION OF THE GRADING, THIS TOPSOIL SHALL BE USED AS FILL MATERIAL ON ALL LANDSCAPED AREAS. IF STOCKPILE IS INACTIVE FOR MORE THAN 14 DAYS, STABILIZE OR PROTECT THE PERIMETER AS PER CITY OF JOPLIN "EROSION AND SEDIMENT CONTROL GUIDELINES". THIS ITEM IS SUBSIDIARY TO EROSION CONTROL.
13. ALL HERBACEOUS VEGETATION SHALL BE REMOVED FROM WITHIN THE LIMITS OF THE GRADING AND REDISTRIBUTED WITH THE TOPSOIL. THIS ITEM IS SUBSIDIARY TO OTHER BID ITEMS.

SEWER NOTES:

1. CONTRACTOR SHALL MAINTAIN ALL EXISTING SEWER CONVEYANCE DURING CONSTRUCTION. NO PIPES SHALL BE ABANDONED OR FILLED WITH FLOWABLE FILL UNTIL THE NEW SEWER PIPE IS CONSTRUCTED AND CONNECTIONS ARE COMPLETE.
2. ALL ACTIVE SERVICE LINES (PUBLIC OR PRIVATE) THAT ARE CONNECTED TO THE SEWER SYSTEM TO BE REMOVED SHALL BE EXTENDED AND CONNECTED TO THE PROPOSED SEWER SYSTEM. ALL CONNECTIONS TO PROPOSED SYSTEM THAT ARE NOT EXPLICITLY SHOWN AND IDENTIFIED ON THE BID FORM WILL BE CONSIDERED SUBSIDIARY TO THE PROPOSED SEWER PIPE.
3. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL PRECAST CONCRETE STRUCTURES AND PIPE FOR REVIEW AND APPROVAL BY THE PROJECT ENGINEER. THE SHOP DRAWINGS MUST BE SIGNED AND SEALED BY A REGISTERED PROFESSIONAL ENGINEER LICENSED IN THE STATE OF MISSOURI. THE CONTRACTOR MUST RECEIVE APPROVAL OF THE SUBMITTED SHOP DRAWINGS PRIOR TO FABRICATION. FAILURE TO DO SO SHALL BE CAUSE FOR REJECTION.
4. DESIGN PROFESSIONAL SHALL REVIEW SHOP DRAWINGS OR SAMPLES FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPTS ON THE PROJECT AND FOR COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS, AND SHALL NOT EXTEND TO MEANS OR METHODS OF CONSTRUCTION. THE DESIGN PROFESSIONAL'S REVIEW SHALL NOT RELIEVE CONTRACTOR FROM RESPONSIBILITY FOR ANY VARIATION FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS UNLESS CONTRACTOR HAS IN WRITING CALLED DESIGN PROFESSIONAL'S ATTENTION TO EACH SUCH VARIATION AT THE TIME OF SUBMISSION, AND DESIGN PROFESSIONAL HAS GIVEN WRITTEN APPROVAL OF EACH SUCH VARIATION BY SPECIFIC WRITTEN NOTATION THEREOF INCORPORATED INTO OR ACCOMPANYING THE SHOP DRAWING OR SAMPLE; NOR WILL ANY APPROVAL BY THE DESIGN PROFESSIONAL RELIEVE CONTRACTOR FROM RESPONSIBILITY FOR ERRORS OR OMISSIONS IN SHOP DRAWINGS WITH CONFORMANCE TO CONTRACT DOCUMENTS.
5. BEFORE SUBMITTING EACH SHOP DRAWING OR SAMPLE, CONTRACTOR SHALL HAVE DETERMINED AND VERIFIED:
   - A. ALL FIELD MEASUREMENTS, QUANTITIES, DIMENSIONS, SPECIFIED PERFORMANCE CRITERIA, INSTALLATION REQUIREMENTS, MATERIALS, CATALOG NUMBERS AND SIMILAR INFORMATION WITH RESPECT THERETO;
   - B. ALL MATERIALS WITH RESPECT TO INTENDED USE, FABRICATION, SHIPPING, HANDLING, STORAGE, ASSEMBLY AND INSTALLATION PERTAINING TO THE PERFORMANCE OF THE WORK;
   - C. ALL INFORMATION RELATIVE TO MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES OF CONSTRUCTION AND SAFETY PRECAUTIONS AND PROGRAMS INCIDENT THERETO;
   - D. CONTRACTOR SHALL ALSO HAVE REVIEWED AND COORDINATED EACH SHOP DRAWING OR SAMPLE WITH OTHER SHOP DRAWINGS AND SAMPLES, AND WITH THE REQUIREMENTS OF THE WORK AND THE CONTRACT DOCUMENTS.

   ALL SUBMITTED SHOP DRAWINGS SHALL BEAR A STAMP OR SPECIFIC WRITTEN INDICATION AND SIGNATURE THAT CONTRACTOR HAS FULLY REVIEWED THE SUBMISSION AND CHECKED ALL DATA AND DETAILS. BY CONTRACTOR SIGNATURE, CONTRACTOR CERTIFIES SHOP DRAWING CONFORMANCE AND ACCURACY TO THE CONTRACT DOCUMENTS.
6. ALL UTILITIES REMOVED FROM SERVICE AS PART OF THE PROPOSED SEWER SYSTEM SHALL BE ABANDONED IN ACCORDANCE WITH CITY OF JOPLIN SPECIFICATIONS.
7. ANY MANHOLES NOT SHOWN ON THESE PLANS BUT DISCOVERED DURING THE COURSE OF THE PROJECT ARE TO BE HANDLED WITHIN THE MANOR PRESCRIBED BY THE ENGINEER.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MANAGING ALL SANITARY SEWER FLOW AND WATERLINE SERVICE DURING CONSTRUCTION IN A MANNER APPROVED BY THE CITY.
9. COST FOR PRIVATE PLUMBER, IF NEEDED, TO BE INCIDENTAL AND COST TO BE INCLUDED IN OTHER ITEMS.

SURFACE REPAIR GENERAL NOTES:

1. TEMPORARY PAVEMENT REPLACEMENT FOR SURFACE REPAIR THAT HAS NOT ALREADY BEEN IMPROVED PER MODOT 7TH STREET PAVING PLANS (OLSSON, 2025) SHALL CONSIST OF A COMPACTED BASE ROCK LAYER AND A 3-INCH THICK ASPHALTIC CONCRETE SURFACE COURSE. THE BASE ROCK SHALL BE COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR DENSITY AND SHALL BE FREE OF EXCESS MOISTURE, ORGANIC MATERIAL, OR DEBRIS. THE ASPHALT MIX SHALL BE HOT MIX ASPHALT (HMA) OR APPROVED EQUIVALENT, PLACED AND COMPACTED TO PROVIDE A SMOOTH, STABLE, AND SAFE DRIVING SURFACE. ALL TEMPORARY PAVEMENT SHALL BE MAINTAINED IN GOOD CONDITION THROUGHOUT THE DURATION OF THE PROJECT AND SHALL BE REPAIRED PROMPTLY IF DAMAGED OR DETERIORATED.
2. TEMPORARY SIDEWALK REPLACEMENT SHALL CONSIST OF A MINIMUM 3-INCH THICK LAYER OF COMPACTED COLD MIX ASPHALT. THE MATERIAL SHALL BE PLACED TO MATCH THE EXISTING SIDEWALK GRADE AND PROVIDE A SAFE, STABLE, AND ACCESSIBLE WALKING SURFACE FOR PEDESTRIANS. ALL EDGES SHALL BE TAPERED OR BUTTED TO ADJACENT SURFACES TO PREVENT TRIPPING HAZARDS. THE TEMPORARY SIDEWALK SHALL BE MAINTAINED IN GOOD CONDITION THROUGHOUT THE DURATION OF THE PROJECT AND SHALL BE REPAIRED OR REPLACED PROMPTLY IF DAMAGED OR DETERIORATED.

MODOT GENERAL NOTES:

1. ALL TRAFFIC CONTROL SHALL BE IN CONFORMANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
2. WORK WITHIN EXISTING AND FUTURE MODOT RIGHT-OF-WAY COVERED BY THESE PLANS SHALL CONFORM TO THE LATEST EDITION OF THE MISSOURI STANDARD PLANS FOR HIGHWAY CONSTRUCTION AND MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
3. PRIOR TO THE START OF CONSTRUCTION, CONTACT RYAN GREER FOR PERMITTING REQUIREMENTS FOR WORK ON MODOT RIGHT-OF-WAY RYAN.GREER@MODOT.MO.GOV.
4. THE CONTRACTOR SHALL HAVE A SET OF PLANS FILED WITH MAW AND THE CITY OF JOPLIN ON SITE. THE CONTRACTOR SHALL HAVE ON THE PROJECT AT ALL TIMES, AS HIS AGENT, A COMPETENT SUPERINTENDENT CAPABLE OF READING AND THOROUGHLY UNDERSTANDING THE PLANS AND SPECIFICATIONS AND THOROUGHLY EXPERIENCED IN THE TYPE OF WORK BEING PERFORMED WHO SHALL RECEIVE INSTRUCTION FROM THE ENGINEER OR HIS AUTHORIZED REPRESENTATIVE.
5. THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO OLSSON AT THIS TIME. THIS INFORMATION IS PROVIDED BY OLSSON "AS-IS" AND OLSSON EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE. RELIANCE UPON THIS INFORMATION IS DONE AT THE RISK AND PERIL OF THE USER, AND OLSSON SHALL NOT BE LIABLE FOR ANY DAMAGES THAT MAY ARISE FROM ANY ERROR IN THE INFORMATION. IT IS, THEREFORE, THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE, LOCATION AND STATUS OF ANY FACILITY. SUCH VERIFICATION INCLUDES DIRECT CONTACT WITH THE LISTED UTILITIES AND VERIFICATION THROUGH MISSOURI ONE-CALL (1-800-DIG-RITE). THE CONTRACTOR SHALL COORDINATE FIELD LOCATION OF EXISTING UNDERGROUND UTILITIES PRIOR TO BEGINNING GRADING ACTIVITIES. !!STOP!! CALL BEFORE YOU DIG!! CONTACT THE ENGINEER FOR INSTRUCTIONS WHENEVER ANY CONFLICTS ARE DISCOVERED.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RESTORATION OF THE RIGHT-OF-WAY AND FOR DAMAGED IMPROVEMENTS SUCH AS CURBS, SIDEWALKS, STREET LIGHT AND TRAFFIC SIGNAL JUNCTION BOXES, TRAFFIC SIGNAL LOOP LEAD INS, SIGNAL POLES, ETC. DAMAGED IMPROVEMENTS SHALL BE REPAIRED IN CONFORMANCE WITH THE LATEST EDITION OF THE MISSOURI STANDARD PLANS FOR HIGHWAY CONSTRUCTION AND THE MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
7. THE CONTRACTOR SHALL CLEAN OUT ALL EXISTING INLETS, PIPES AND MANHOLES OF DEBRIS AND SEDIMENTATION AT COMPLETION OF SITE WORK. THIS WORK SHALL BE DONE TO THE SATISFACTION OF THE OWNER & MODOT.
8. THE CONTRACTOR SHALL RETAIN FLOATABLE WIND BLOWN MATERIALS ON SITE BY STORING ALL TRASH AND BUILDING MATERIAL WASTE IN ENCLOSURES UNTIL PROPER DISPOSAL AT AN OFF-SITE FACILITY. CONTRACTOR TO CHECK ADJACENT AREAS DAILY AND PICK UP CONSTRUCTION WASTE MATERIALS AND DEBRIS THAT HAVE BLOWN OR WASHED OFF-SITE.
9. FOR TESTING PROCEDURES REFER TO THE LATEST EDITION OF THE MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
10. THE CONTRACTOR SHALL NOTIFY THE INSPECTOR OF ANY NEW SINKHOLES DISCOVERED DURING CONSTRUCTION.
11. HAND RUB FINISH ON ALL CONCRETE STRUCTURES.
12. ALL DISTURBED AREAS ARE TO BE RE-SEEDED IN ACCORDANCE WITH THE LATEST EDITION OF THE MISSOURI STANDARD PLANS FOR HIGHWAY CONSTRUCTION AND THE MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION. SITE WORK INSIDE THE PROPERTY LINE LIMITS WILL BE PERFORMED BY THE GENERAL CONTRACTOR UNDER THE BUILDING CONTRACT PROJECT.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR JOB SITE SAFETY OF HIS OWN PERSONNEL, ALL VISITORS TO THE SITE, AND THE GENERAL PUBLIC.
14. THE JOB SITE SHALL BE A DRUG FREE WORK PLACE. CONSUMPTION OF ALCOHOLIC BEVERAGES ON THE JOB SITE IS STRICTLY PROHIBITED.
15. MANHOLE COVERS, VALVE BOXES, UTILITY POLES, AND OTHER UTILITY APPURTENANCES SHALL NOT ENCROACH ON SIDEWALKS, CURBS, OR PAVEMENT UNLESS SPECIFIED OTHERWISE. WHERE CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL CONTACT THE ENGINEER PRIOR TO PROCEEDING.
16. CONTRACTOR SHALL COORDINATE ANY AND ALL WORK WITH ANY OTHER PUBLIC OR PRIVATE PROJECTS WITHIN OR NEAR THE PROJECT LIMITS.
17. THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE ANY EXISTING STREET, CURB AND GUTTER, SIDEWALK AND DRIVEWAYS.
18. THESE PLANS ARE NOT TO BE SCALED FROM, USE ONLY LABELED DISTANCES.
19. CONTRACTOR SHALL NOT PLACE TOP LIFT OF ASPHALT UNTIL ALL GRADING IS COMPLETE AND FINAL GRADE IS ESTABLISHED.

TRENCHLESS CONSTRUCTION GENERAL NOTES:

1. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE RAILROAD AUTHORITY, STATE DOT, AND ANY OTHER APPLICABLE AGENCIES PRIOR TO CONSTRUCTION.
2. ALL WORK SHALL COMPLY WITH THE LATEST REQUIREMENTS AND SPECIFICATIONS OF THE GENESEE & WYOMING (G&W) RAILROAD, MODOT, CITY OF JOPLIN, OR OTHER RELEVANT AUTHORITIES. THE MOST STRINGENT REQUIREMENTS SHALL GOVERN.
3. THE SEWER MAIN SHALL BE INSTALLED USING THE JACK AND BORE METHOD TO AVOID OPEN-CUT EXCAVATION WITHIN THE RAILROAD AND HIGHWAY RIGHT-OF-WAY. NO OPEN-CUT EXCAVATION IS PERMITTED WITHIN THE LIMITS OF THE RAILROAD OR HIGHWAY EASEMENT UNLESS EXPLICITLY APPROVED IN WRITING.
4. CASING PIPE SHALL BE STEEL, MINIMUM DIAMETER AS SHOWN ON THE PLANS, WITH A MINIMUM WALL THICKNESS AS NOTED ON PLANS AND PER GOVERNING AGENCY REQUIREMENTS. CASING PIPE SHALL EXTEND A MINIMUM OF 10 FEET BEYOND THE EDGE OF PAVEMENT OR RAILROAD BALLAST ON BOTH SIDES. CASING PIPE SHALL BE INSTALLED ON GRADE AND LINE AS SHOWN ON THE PLANS.
5. CARRIER PIPE SHALL BE DUCTILE IRON PIPE CL350, RESTRAINED JOINT, AND INSTALLED WITH SPACERS AND END SEALS. NO DIRECT CONTACT BETWEEN THE CARRIER PIPE AND CASING PIPE IS PERMITTED. PIPE SHALL CONFORM TO THE LATEST SPECIFICATIONS BY THE CITY OF JOPLIN.
6. BORE AND RECEIVING PITS SHALL BE LOCATED OUTSIDE THE RAILROAD AND HIGHWAY RIGHT-OF-WAY UNLESS OTHERWISE APPROVED. CONTRACTOR SHALL PROVIDE SHORING AND DEWATERING AS NECESSARY TO MAINTAIN SAFE WORKING CONDITIONS.
7. CONTRACTOR SHALL VERIFY ALL HORIZONTAL AND VERTICAL CONTROL PRIOR TO BORING. ANY DEVIATION FROM THE DESIGNED ALIGNMENT MUST BE APPROVED BY THE ENGINEER.
8. ALL CASING AND CARRIER PIPE INSTALLATIONS SHALL BE SUBJECT TO VIDEO INSPECTION AND PRESSURE TESTING AS REQUIRED. RAILROAD AND HIGHWAY REPRESENTATIVES MAY REQUIRE ON-SITE INSPECTION DURING BORE OPERATIONS.
9. CONTRACTOR SHALL COORDINATE WITH THE RAILROAD AND HIGHWAY AUTHORITIES FOR FLAGGING, TRACK PROTECTION, AND TRAFFIC CONTROL. ALL WORK SHALL COMPLY WITH OSHA TRENCH SAFETY STANDARDS AND APPLICABLE RAILROAD SAFETY PROTOCOLS.
10. ALL DISTURBED AREAS SHALL BE RESTORED TO EQUAL OR BETTER CONDITION UPON COMPLETION OF WORK. PAVEMENT, BALLAST, AND DRAINAGE FEATURES SHALL BE RESTORED PER AGENCY SPECIFICATIONS.
11. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS, BORE PIT LAYOUT, CASING PIPE SPECS, AND BORING METHOD STATEMENT FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.
12. EXISTING SEWER MAINS UNDERNEATH RAILROAD TO BE ABANDONED SHALL BE ABANDONED SUCH THAT THE ENDS OF THE SEWER MAINS ARE CAPPED OR PLUGGED AND THE PIPE IS FILLED WITH FLOWABLE FILL (GROUT OR CONCRETE SLURRY) TO PREVENT COLLAPSE. ALL MANHOLES OR SEWER ACCESS POINTS SHALL BE REMOVED OR SEALED.
13. PRICE BID TO INCLUDE ALL INCIDENTAL WORK FOR THE EXCAVATION OF TRENCHES, BORE PITS AND/OR PIT SHAFTS REQUIRED FOR THE PURPOSE OF CONDUCTING TRENCHLESS CONSTRUCTION ACTIVITIES. THIS INCLUDES, BUT NOT LIMITED TO, THE NECESSARY EXCAVATION, BACKFILLING, DEWATERING OPERATIONS, SHORING, PAVING REPAIR & SITE RESTORATION.

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PROFESSIONAL ENGINEER
01/08/2026

REVISIONS

REV. NO.	DATE	DESCRIPTION	BY
1	01/12/2026	BID ADDENDUM 1	KMT

GENERAL NOTES

7TH STREET SANITARY SEWER RELOCATION
CITY OF JOPLIN, MISSOURI

2025

JOPLIN, MISSOURI

drawn by: KMT
designed by: MAJ
project no.: 024-03774
date: OCTOBER, 2025

SHEET
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