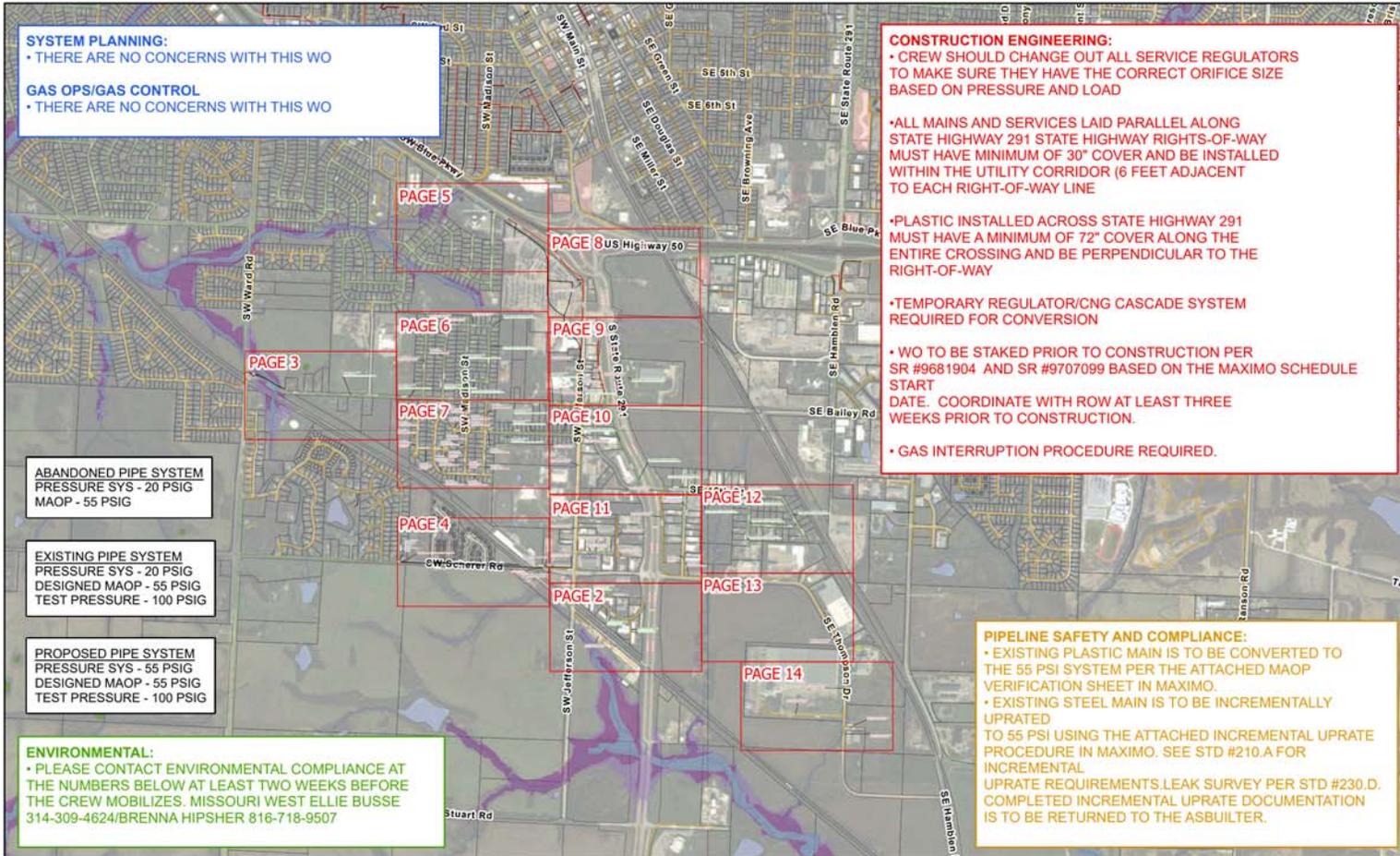


Work Order Title: Lee's Summit C-015 MP Upgrade Priority #6
 Work Order: 25980266 Project #:807470 Municipality: Lees Summit



SYSTEM PLANNING:
 • THERE ARE NO CONCERNS WITH THIS WO

GAS OPS/GAS CONTROL
 • THERE ARE NO CONCERNS WITH THIS WO

ABANDONED PIPE SYSTEM
 PRESSURE SYS - 20 PSIG
 MAOP - 55 PSIG

EXISTING PIPE SYSTEM
 PRESSURE SYS - 20 PSIG
 DESIGNED MAOP - 55 PSIG
 TEST PRESSURE - 100 PSIG

PROPOSED PIPE SYSTEM
 PRESSURE SYS - 55 PSIG
 DESIGNED MAOP - 55 PSIG
 TEST PRESSURE - 100 PSIG

ENVIRONMENTAL:
 • PLEASE CONTACT ENVIRONMENTAL COMPLIANCE AT THE NUMBERS BELOW AT LEAST TWO WEEKS BEFORE THE CREW MOBILIZES. MISSOURI WEST ELLIE BUSSE 314-309-4624/BRENNHA HIPSHER 816-718-9507

CONSTRUCTION ENGINEERING:
 • CREW SHOULD CHANGE OUT ALL SERVICE REGULATORS TO MAKE SURE THEY HAVE THE CORRECT ORIFICE SIZE BASED ON PRESSURE AND LOAD

• ALL MAINS AND SERVICES LAID PARALLEL ALONG STATE HIGHWAY 291 STATE HIGHWAY RIGHTS-OF-WAY MUST HAVE MINIMUM OF 30" COVER AND BE INSTALLED WITHIN THE UTILITY CORRIDOR (6 FEET ADJACENT TO EACH RIGHT-OF-WAY LINE

• PLASTIC INSTALLED ACROSS STATE HIGHWAY 291 MUST HAVE A MINIMUM OF 72" COVER ALONG THE ENTIRE CROSSING AND BE PERPENDICULAR TO THE RIGHT-OF-WAY

• TEMPORARY REGULATOR/CNG CASCADE SYSTEM REQUIRED FOR CONVERSION

• WO TO BE STAKED PRIOR TO CONSTRUCTION PER SR #9681904 AND SR #9707099 BASED ON THE MAXIMO SCHEDULE START DATE. COORDINATE WITH ROW AT LEAST THREE WEEKS PRIOR TO CONSTRUCTION.

• GAS INTERRUPTION PROCEDURE REQUIRED.

PIPELINE SAFETY AND COMPLIANCE:
 • EXISTING PLASTIC MAIN IS TO BE CONVERTED TO THE 55 PSI SYSTEM PER THE ATTACHED MAOP VERIFICATION SHEET IN MAXIMO.
 • EXISTING STEEL MAIN IS TO BE INCREMENTALLY UPGRATED TO 55 PSI USING THE ATTACHED INCREMENTAL UPGRATE PROCEDURE IN MAXIMO. SEE STD #210.A FOR INCREMENTAL UPGRATE REQUIREMENTS LEAK SURVEY PER STD #230.D COMPLETED INCREMENTAL UPGRATE DOCUMENTATION IS TO BE RETURNED TO THE ASBUILTER.

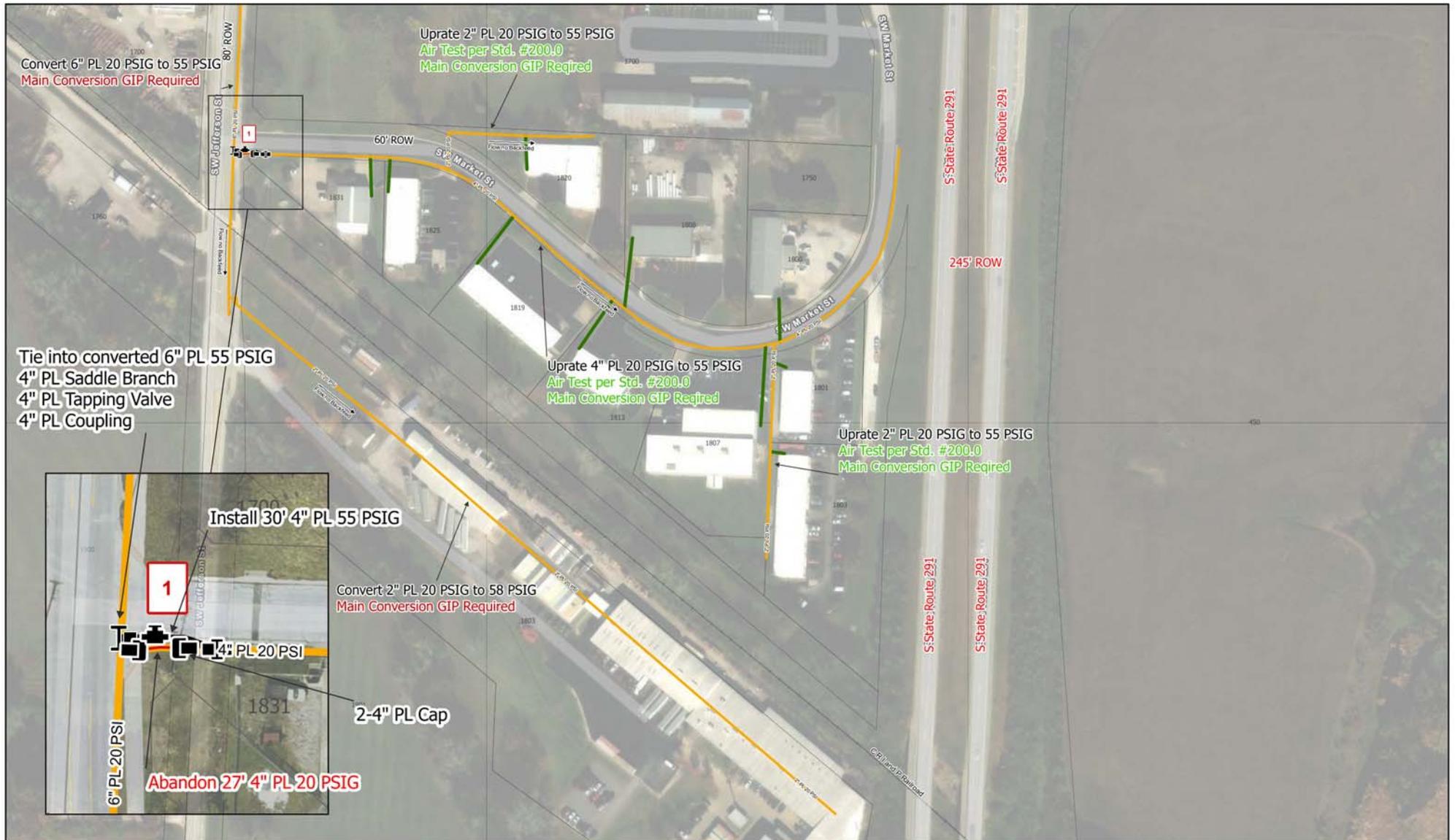
1. INSTALL AND ABANDON STEEL AND PLASTIC MAIN AND SERVICES PER SPIRE OPM STANDARDS.
2. SEE STD. 200.0 FOR PRESSURE TESTING PIPING REQUIREMENTS
3. SEE STD. 180.B FOR EFV AND/OR MANUAL SHUTOFF VALVE INSTALLATION REQUIREMENTS
4. SEE STD. 170.I AND 190.G FOR TRACE WIRE AND TEST STATION INSTALLATION INFORMATION.
5. CORROSION PROTECTION INSPECTOR TO CHECK CATHODIC PROTECTION OF ALL EXISTING CATHODICALLY PROTECTED FACILITIES EXPOSED AND PROTECTED FACILITIES EXPOSED AND DIRECT STEPS NECESSARY TO MAINTAIN PROPER ISOLATION AND CATHODIC PROTECTION AS REQUIRED. A PIPE OBSERVATION REPORT IS TO BE CREATED IN MAXIMO ON READINGS
6. INSTALL ANODES PER STD. 190.C AND/OR TEST STATIONS PER STD. 190.G PER INSTRUCTIONS FROM CORROSION PROTECTION INSPECTOR.
7. CONDUCT INITIAL CATHODIC PROTECTION SURVEY FOR NEW STEEL INSTALLATION. (SEE 190.I FOR CATHODIC PROTECTION AT TIE INS)
8. CREATE PIPE OBSERVATIONS IN MAXIMO TO DOCUMENT EXPOSED PIPE CONDITIONS PER STD. 190.A, EXTERNAL CORROSION.
9. FOR UTILITY LOCATES, CALL ONE-CALL SYSTEM "811" OR (1-800-344-7483), AND ALL OTHER AFFECTED UTILITIES 10. CONTACT GIS DEPARTMENT FOR NECESSARY FIELD NOTES AT 314-349-2963.
11. CONTACT ROW TO SECURE NECESSARY EASEMENTS AND FOR ANY SURVEY WORK @ (314-658-5497 OR 314-349-2933)
12. SEE STD. 170.J FOR SQUEEZE-OFF PROCEDURE
13. SEE STD. 170.A FOR GAS INTERRUPTION PROCEDURE REQUIREMENTS. CONTACT SYSTEM CONTROL AT 314-658-5486 OR 314-658-5488 PRIOR TO ANY WORK
14. SEE STD. 150.A AND 150.E FOR RADIOGRAPHIC EXAMINATION REQUIREMENTS
15. SPIRE PERSONNEL SHOULD FOLLOW STANDARD PRECAUTIONS REGARDING THE POTENTIAL FOR DRIP OIL TO BE PRESENT IN ACTIVE GAS MAINS AND ADHERE TO APPROVED PROCEDURES FOR MANAGEMENT/DISPOSAL OF ANY PIECES OF PIPE GENERATED IN THE COURSE OF ABANDONMENT. ANY DOCUMENTED DRIPS SHOULD BE CLEARED AND DRAINED BEFORE ABANDONMENT.

Existing Main / Asset Material	Main and Service	Valves/Meters/Regulators/CP	Fittings	Typical Soil Depth: 30" to 36"
Bare Steel	Proposed	Excess Flow Valve	End Cap	Normal Soil
Coated Steel	Abandon	Meter	Flange	Gravel
Screwed Steel	Proposed Previous WO	Controllable Valve	Reducer	Sand
Cast Iron	Abandon Previous WO	Regulator	Tee	Channery
Plastic		Anode	Coupling	Solid Rock
			Line Stopper	
			Elbow	
			Transition	
			Tap / Saddle / Controllable Tee	

Check for Work Order Authorization

DESIGNER: 45236	REVISION DATE(S): 6/24/2025 6/30/2025
DATE: 5/22/2025	

FOR QUESTIONS ABOUT THIS DESIGN OR TO REQUEST A SCOPE OF WORK CHANGE PLEASE CONTACT BAYLEE GODAT 816-334-8075 OR RICHI GARCIA 816-507-0713



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1:1,800
 1 inch = 150 feet



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