

MODEL: GT001 PAPER: 34x22 (in.) DATE: 3/20/2026 TIME: 11:02:37 AM PLTDRY: OHDOT_PDF.plt PENTEL: OHDOT_UTPen.tbl USER: klmville@teceng.com WORKSPACE: OHDOTCEV02 WORKSET: 116550 PRODUCT: OpenRoadsDesigner 24.00.00.205
 \10.1.14\projects\2023\Projects\23488_Silverton_Village of002 Plainfield and Montgomery\116550\400-Engineering\Roadway\Sheets\116550_GT001.dgn



LOCATION MAP 1" = 1 MILE

LATITUDE: 39°11'41" N LONGITUDE: 84°24'02" W



PORTION TO BE IMPROVED	=====
INTERSTATE HIGHWAY	=====
FEDERAL ROUTES	=====
STATE ROUTES	=====
COUNTY & TOWNSHIP ROADS	=====
OTHER ROADS	=====

DESIGN DESIGNATION

	MONTGOMERY RD	PLAINFIELD (NORTH)	PLAINFIELD (SOUTH)
CURRENT ADT (2026)	12,940	10,030	5,160
DESIGN YEAR ADT (2046)	19,200	12,000	6,170
DESIGN HOURLY VOLUME (2046)	1,920	1,200	617
DIRECTIONAL DISTRIBUTION	0.54	0.52	0.50
TRUCKS (24 HOUR B&C)	3%	2%	.9%
DESIGN SPEED	25 MPH	25 MPH	25 MPH
LEGAL SPEED	25 MPH	25 MPH	25 MPH

DESIGN FUNCTIONAL CLASSIFICATION:

PRINCIPAL ARTERIAL - MONTGOMERY
 MINOR ARTERIAL - PLAINFIELD (NORTH OF MONTGOMERY)
 COLLECTOR - PLAINFIELD (SOUTH OF MONTGOMERY), BLUE ASH RD, SECTION RD

NHS PROJECT ----- NO

DESIGN EXCEPTIONS

NONE

ADA DESIGN WAIVERS

NONE

UNDERGROUND UTILITIES
 Contact Two Working Days Before You Dig

OHIO811. 8-1-1. or 1-800-362-2764
 (Non members must be called directly)

PLAN PREPARED BY:
 TEC ENGINEERING, INC.
 7288 CENTRAL PARKE BLVD.
 MASON, OH 45040

- END PROJECT STA. 75+93.92
- END PROJECT STA. 14+50.00
- BEGIN PROJECT STA. 11+03.00
- BEGIN PROJECT STA. 300+70.00

STATE OF OHIO DEPARTMENT OF TRANSPORTATION

HAM US 22/CR273 Intersec Improv

SEC. 24, 19, 18, 13. T. 4. F.R. 2, E.R. 1, 2

VILLAGE OF SILVERTON
 SYCAMORE TOWNSHIP
 CITY OF DEER PARK
 COLUMBIA TOWNSHIP
 HAMILTON COUNTY

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Full water plans added

STANDARD CONSTRUCTION DRAWINGS								SUPPLEMENTAL SPECIFICATIONS		SPECIAL PROVISIONS	
BP-3.1	1/19/24	MT-95.31	7/18/25	TC-16.22	1/16/26	TC-85.20	4/21/23	800	1/16/26		
BP-4.1	7/19/13	MT-95.32	7/18/25	TC-21.21	7/18/25	TC-86.10	7/18/25	805	7/16/10		
BP-5.1	1/16/26	MT-97.10	7/18/25	TC-41.20	10/18/13	TC-87.10	1/16/26	809	1/16/26		
BP-7.1	1/16/26	MT-97.12	1/16/26	TC-41.30	4/21/23			816	10/18/19		
		MT-101.60	1/17/25	TC-41.40	1/16/26	HL-30.11	1/16/26	819	1/17/20		
CB-2-3, 2-4	7/19/24	MT-101.90	7/17/20	TC-41.41	7/19/19	HL-30.22	1/17/25	828	1/19/18		
CB-3	1/16/26	MT-103.10	7/18/25	TC-42.20	10/18/13			832	7/18/25	Date changed	
CB-3A	1/16/26	MT-105.10	1/17/20	TC-52.10	10/18/13			839	7/15/21		
CB-6	7/19/24	MT-110.10	7/19/13	TC-52.20	1/15/21			878	1/16/26		
DM-1.1	1/17/25			TC-71.10	1/16/26			902	1/16/26		
MH-3	7/19/24			TC-74.10	1/16/26			903	7/20/12		
				TC-81.22	1/16/26			909	1/16/26	Spec added	
RM-2.1	7/19/13			TC-83.10	1/16/26			916	7/19/24		
				TC-83.20	1/16/26			919	1/17/20		
				TC-83.30	1/16/26			928	1/19/18		
				TC-85.10	1/16/26			939	1/17/20		

SCD added

FEDERAL PROJECT NUMBER

E240414

RAILROAD INVOLVEMENT

INDIANA & OHIO RAILROAD

PROJECT DESCRIPTION

RECONSTRUCTION OF PLAINFIELD ROAD FROM ST. JAMES AVE. TO THE RAILROAD AND BLUE ASH ROAD FROM PLAINFIELD ROAD TO CORP LIMIT. INCLUDES INTERSECTION IMPROVEMENTS AND SIGNAL REPLACEMENT.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA:	1.23 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	N/A
NOTICE OF INTENT EARTH DISTURBED AREA:	N/A - ROUTINE MAINTENANCE PROJECT

2023 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS, CHANGES LISTED IN THE PROPOSAL, AND THE SUPPLEMENTAL SPECIFICATION 800 VERSION INDICATED ON THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEARBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT DETOURS WILL BE PROVIDED AS INDICATED ON SHEET 011.

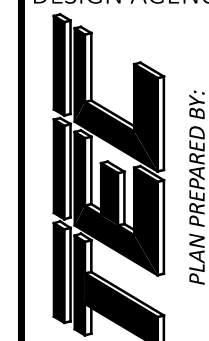
Douglas A. Gruver
 Douglas A. Gruver, P.E.
 District 08 Deputy Director

Pamela Boratyn
 Pamela Boratyn
 Director, Department of Transportation

ENGINEER'S SEAL	ENGINEER'S SEAL

TITLE SHEET

DESIGN AGENCY



DESIGNER	KLL
REVIEWER	ALH 03/20/26
PROJECT ID	116550
SHEET	TOTAL
001	166

ITEM 625 - LIGHTING, MISC.: MAINTAIN EXISTING LIGHTING

THE CONTRACTOR SHALL MAINTAIN EXISTING STREET LIGHTING THROUGHOUT THE DURATION OF THIS PROJECT. THE EXISTING SYSTEM SHALL BE REVIEWED AND THE CONDITION DOCUMENTED PRIOR TO ANY WORK. THIS DOCUMENTATION WILL BE HELD BY THE VILLAGE DURING THE CONSTRUCTION OF THIS PROJECT. WHEN ALL CONSTRUCTION ACTIVITIES HAVE CONCLUDED, THE CONTRACTOR WILL REVIEW THE LIGHTING SYSTEM AND RESTORE TO ITS ORIGINAL CONDITION. ANY DAMAGE TO THE SYSTEM WILL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR AND RESTORE. THE TOWNSHIP WILL PERFORM A FINAL INSPECTION TO ENSURE THE CONDITION OF THE SYSTEM HAS BEEN MAINTAINED.

THIS WORK IS TO BE PAID UNDER THE LUMP SUM BID PRICE FOR ITEM 625 - LIGHTING, MISC.: MAINTAIN EXISTING LIGHTING.

ITEM 625 - CONDUIT, 2", 725.052, AS PER PLAN

THE CONTRACTOR IS TO PROVIDE ALL MATERIAL AND LABOR TO INSTALL THE PROPOSED 2" CONDUIT FOR LIGHTING. THE ENDS OF THE CONDUIT WILL BE TURNED UP AT THE PROPOSED LIGHT POLE LOCATIONS AS SHOWN ON THE PLANS OR WHERE DIRECTED BY THE ENGINEER. CONTRACTOR WILL INSTALL CONDUIT WITH PULL STRINGS FOR INSTALLATION OF WIRING BY OTHERS. CONTRACTOR WILL ALSO CAP THE CONDUIT IN A MANNER TO BE REMOVABLE AND KEEP DEBRIS AND/OR WATER FROM ENTERING THE CONDUIT. THESE ITEMS WILL BE INCIDENTAL AND WILL BE INCLUDED IN THE UNIT PRICE FOR THE INSTALLATION OF THE CONDUIT.

THE LIGHTING PLAN SHOWS THE PROPOSED CONDUIT DESIGN AND WHERE LIGHT POLES ARE TO BE INSTALLED BY OTHERS. SLIGHT FIELD ADJUSTMENTS MAY OCCUR TO AVOID UTILITIES. ANY PROPOSED LOCATION THAT VARIES MORE THAN 3' FROM THE LOCATION INDICATED ON THE PLANS MUST BE APPROVED BY THE DUKE ENERGY DESIGNER PRIOR TO INSTALLATION.

TRENCH REQUIREMENTS:

-THE UNDERGROUND TRENCH CONTAINING ELECTRIC CABLES IS FOR THE SOLE USE OF DUKE ENERGY. NO OTHER UTILITIES OR FACILITIES FOR IRRIGATION, PRIVATE LIGHTING, SECURITY, PLUMBING, OR ANY OTHER PURPOSE MAY BE INSTALLED IN THE TRENCH WITHOUT THE EXPRESS PERMISSION OF DUKE ENERGY.

-THE BOTTOM OF THE TRENCH MUST BE SMOOTH AND FREE OF ROCKS, ROOTS, CONSTRUCTION DEBRIS OR ANY OTHER HARD OR SHARP OBJECT. IF NECESSARY, INSTALL A FEW INCHES OF CLEAN BACKFILL TO COVER ANY OF THESE ITEMS THAT CANNOT BE REMOVED.

-ALL BACKFILL MUST BE FREE OF ROCKS, CONSTRUCTION DEBRIS, OR ANY OTHER HARD OBJECTS.

-THE CUSTOMER WILL BE RESPONSIBLE FOR ANY SETTLING OR WASHOUT OF THE TRENCH.

-ALL CONDUIT MUST BE INSTALLED AT THE PROPER DEPTH WITH A MINIMUM COVER OF 30".

-THE MAXIMUM TRENCH DEPTH MUST NOT EXCEED THREE (3) FEET

MATERIAL REQUIREMENTS:

-PVC CONDUIT AND CONDUIT FITTINGS MUST BE SCHEDULE 40 OR GREATER, RATED FOR USE WITH 90°C ELECTRICAL CABLE, UL LISTED AND GRAY IN COLOR. NO WATER, SEWER, GAS OR TELECOMMUNICATION PIPE MAY BE USED. EACH LENGTH OF CONDUIT AND EACH BEND MUST HAVE AN INTEGRAL BELL ON ONE END. THE CONDUIT MANUFACTURER'S NAME, CONDUIT SIZE, TYPE AND DATE CODE MUST BE PRINTED ON THE SURFACE OF THE CONDUIT.

-FOR JOBS INSTALLED VIA DIRECTIONAL DRILLING HDPE CONDUIT MUST BE SDR 13.5 OR GREATER, RATED FOR USE WITH 90°C ELECTRICAL CABLE, AND BLACK WITH EITHER 3 OR 4 RED STRIPES OR TOTALLY RED. THE CONDUIT MANUFACTURER'S NAME, CONDUIT SIZE, TYPE AND DATE CODE MUST BE PRINTED ON THE SURFACE OF THE CONDUIT.

-ALL CONDUIT MUST BE 2"

-ALL PVC COUPLINGS MUST HAVE A CENTER STOP.

-BENDS MUST HAVE A 36" MINIMUM RADIUS. ALL BENDS MUST HAVE AN INTEGRAL BELL ON ONE END.

-A DETECTABLE MULE STRING MUST BE INSTALLED IN EACH CONDUIT RUN WITH A TENSILE STRENGTH OF 2500lb.

-WHEN HDPE CONDUIT IS USED, AND A PVC BEND IS NECESSARY IT MUST BE ATTACHED AS DESCRIBED BELOW:

A. SHUR LOCK II COUPLINGS: THESE ARE PLASTIC, SLIP-ON COUPLINGS, WITH STAINLESS STEEL BANDS MADE BY DURALINE.

ITEM 625 - CONDUIT, 2", 725.052, AS PER PLAN (CONT.)

B. BONDUI ADHESIVE: THIS ADHESIVE IS FORMULATED TO BOND TO BOTH HDPE AND PVC.

C. MOR CLAMP COUPLINGS: THESE ARE BOLTED, STAINLESS STEEL, SLIP-ON COUPLINGS MADE BY DURALINE. THESE COUPLINGS ARE EXPENSIVE, SO THEY WILL TYPICALLY BE USED ONLY ON LARGE CONDUIT AND ONLY WHEN NECESSARY BECAUSE THE CONDUIT IS THESE METHODS ALSO ALLOW HDPE CONDUIT PIECES TO BE JOINED TOGETHER OR FOR HDPE CONDUIT TO BE JOINED TO PVC

CONDUIT FITTING INSTALLATION REQUIREMENTS:

-REMOVE ANY SHARP EDGES THAT ARE CREATED ON THE INSIDE OR OUTSIDE OF CONDUIT WHEN IT IS CUT.

-CONDUIT MUST LIE FLAT ON THE BOTTOM OF THE TRENCH.

-EXAMINE ALL CONDUIT AND CONDUIT ACCESSORIES BEFORE THEY ARE INSTALLED FOR SHARP EDGES, OUT-OF-ROUND SHAPE, CRACKS, CHIPS, BURRS, AND INSIDE PROTRUSIONS THAT WOULD DAMAGE THE CABLE WHEN IT IS PULLED INTO POSITION. SUCH PIECES SHALL NOT BE INSTALLED.

-ALL SECTIONS OF PVC CONDUIT AND ALL FITTINGS MUST BE CEMENTED TOGETHER USING A PVC CONDUIT SOLVENT CEMENT RATED FOR USE WITH ELECTRICAL PVC CONDUIT THAT CHEMICALLY BONDS THE TWO PVC PARTS TOGETHER. DO NOT USE CEMENT DESIGNED FOR USE WITH PLUMBING PVC PIPE. THE MATING SURFACES MUST BE 1) PROPERLY CLEANED; 2) A THIN, UNIFORM COATING OF CEMENT APPLIED OVER THE ENTIRE MATING SURFACES (THE OUTER SURFACE OF A PLAIN END AND THE INNER SURFACE OF A BELL END); 3) FULLY SEAT BOTH PIECES; AND 4) TWIST THE PIECES ONE QUARTER TURN TO THEIR REQUIRED POSITION.

-MULE DETECTABLE TAPE SEGMENTS MUST BE TESTED TO VERIFY THEY WERE NOT INADVERTENTLY GLUED TO A PIECE OF CONDUIT OR A FITTING. THE CUSTOMER WILL BE REQUIRED TO INSTALL NEW DETECTABLE MULE TAPE IN ANY CONDUIT SEGMENT WHERE THE INITIAL DETECTABLE MULE TAPE IS NOT USABLE.

-A CONTINUOUS DETECTABLE MULE TAPE, WITH NO KNOTS OR SPLICES, MUST BE PROVIDED THROUGHOUT THE LENGTH OF EACH INDIVIDUAL CONDUIT SEGMENT AND EXTEND AT LEAST 18" OUTSIDE OF EACH END.

-CONDUITS MUST BE PLUGGED (PLUG SHALL NOT BE GLUED) TO PREVENT DEBRIS, RAIN, ETC. FROM ENTERING THE CONDUIT. TAPE OR RAGS ARE NOT SUFFICIENT.

-NO WIRES, CABLES, CONDUITS, INNER-DUCTS, OR ANY OTHER ITEMS MAY BE INSTALLED IN THE CONDUITS INSTALLED FOR DUKE ENERGY. THIS INCLUDES FACILITIES FOR PRIVATE LIGHTING, SECURITY, LANDSCAPING, COMMUNICATION, OTHER UTILITIES OR THE CUSTOMER.

-THE CUSTOMER WILL BE REQUIRED TO REMOVE ANY SUCH FACILITIES THAT ARE FOUND.

-ALL CONDUITS MUST BE FREE OF WATER, MUD, DIRT OR ANY OTHER FOREIGN MATTER. THE CUSTOMER MUST INSPECT, CLEAN AND REPAIR ANY CONDUITS THAT CONTAIN FOREIGN MATTER.

AN ESTIMATED QUANTITY OF 3,175 FT HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR THIS WORK.

ITEM 630 - SIGNING, MISC.: REMOVAL OF MEIER'S WINE CELLARS SIGN

THE CONTRACTOR SHALL REMOVE AND DISPOSE OF THE MEIER'S WINE CELLARS SIGN NEAR STA. 314+05. THIS INCLUDES THE DISCONNECTION OF ANY ELECTRIC OR SERVICE, REMOVAL OF BOLLARDS, REPAIR OF PAVEMENT, REMOVAL OF SUPPORT AND ANY OTHER WORK REQUIRED TO COMPLETELY REMOVE THE SIGN AND SUPPORT.

THIS WORK IS TO BE PAID UNDER THE BID PRICE FOR ITEM 630 - SIGNING, MISC.: REMOVAL OF MEIER'S WINE CELLARS SIGN.

WATER LINE REPLACEMENT

IN ADDITION TO THE WORK INCLUDED IN THIS PLANSET, A PORTION OF THE WATER LINE ON BLUE ASH ROAD IS TO BE REPLACED.

THE CONTRACTOR SHALL COORDINATE WITH GREATER CINCINNATI WATER WORKS (GCWW) FOR WORK RELATED TO THE WATER LINE. CONTACT INFORMATION IS PROVIDED BELOW.

MIKE COSSINS
(513) 591-5056
MICHAEL.COSSINS@GCWW.CINCINNATI-OH.GOV

WATER WORKS AND STORM PIPE COORDINATION

WHERE PROPOSED STORM PIPES ARE DESIGNED TO CROSS THE EXISTING WATER MAIN, MATCH THE EXISTING INVERTS OF EXISTING NEARBY STORM PIPES TO ENSURE NO CONFLICT OCCURS IF A NEARBY EXISTING STORM PIPE IS PRESENT. THE INVERTS OF THE PROPOSED STORM WAS DESIGNED TO CLOSELY MATCH EXISTING.

GCWW REQUIRES 18" OF VERTICAL SEPARATION BETWEEN THE EXISTING WATER MAIN AND PROPOSED STORM. PRIOR TO CONSTRUCTION, VERIFY THAT THIS MINIMUM CLEARANCE IS MET. ADDITIONALLY, VERIFY THAT GROUND COVER REQUIREMENTS ARE MET WHICH MAY BE AFFECTED BY THE LOWERING OF THE ROAD NEAR THE INTERSECTION OF PLAINFIELD RD AND BLUE ASH RD. NOTIFY GCWW INSPECTOR 48 HOURS IN ADVANCE TO COORDINATE FIELD INVESTIGATIONS TO VERIFY ADEQUATE UTILITY CLEARANCES AND RESIDUAL COVER OVER EXISTING WATER MAIN.

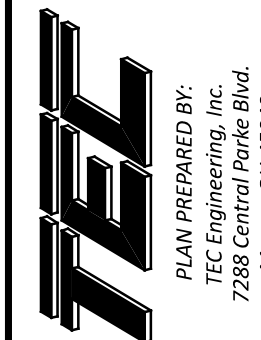
NOTIFY THE ENGINEER AND GCWW IMMEDIATELY IF ACTUAL FIELD CONDITIONS CANNOT ACHIEVE THESE REQUIREMENTS. A GCWW INSPECTOR WILL EVALUATE.

SUBGRADE EXCAVATION AND REPLACEMENT AROUND WATER MAINS

NO EXCAVATION AND/OR COMPACTION OF SOIL SHALL OCCUR WITHIN 2 FEET (VERTICAL) OF THE EXISTING WATER MAINS. THE DEPTH OF THE EXCAVATION AND REPLACEMENT OF EXISTING SOILS SHALL BE SHALLOWED SUCH THAT THE EXCAVATION AND COMPACTION DOES NOT OCCUR WITHIN 3 FEET (HORIZONTAL) OF THE OUTSIDE OF THE WATER MAINS. NON-VIBRATORY AND LIGHT COMPACTING EQUIPMENT, SUCH AS A WALK-BEHIND ROLLER, SHALL BE USED TO COMPACT SOILS ABOVE AND AROUND THE WATER MAINS. THE CONTRACTOR IS REPONSIBLE FOR THE PROTECTION OF WATER MAINS.

Notes modified

DESIGN AGENCY



DESIGNER
KLL

REVIEWER
ALH 03/20/26

PROJECT ID
116550

SHEET TOTAL
010 | 166

PLAN PREPARED BY:
TEC Engineering, Inc.
7288 Central Parke Blvd.
Mason, OH 45040

ITEM 614 - MAINTAINING TRAFFIC

THE CONTRACTOR SHALL MAINTAIN THE DESIRED TRAFFIC CONFIGURATION FOR EACH LOCATION LISTED BELOW THROUGHOUT THE ENTIRETY OF THE PROJECT. IT IS THE INTENTION TO PERFORM THE REQUIRED WORK WITH THE LEAST INCONVENIENCE TO, AND THE MAXIMUM SAFETY OF, THE CONTRACTOR AND TRAVELING PUBLIC. ANY VARIANCES FROM THE INTENT OF THESE MAINTENANCE OF TRAFFIC NOTES MUST BE APPROVED IN ADVANCE IN WRITING BY THE ENGINEER.

THE PROPOSED MAINTENANCE OF TRAFFIC WILL CONSIST OF THREE MAJOR PHASES:

PHASE 1. FOR PLAINFIELD RD. CONSTRUCTION BETWEEN ST. JAMES AVE. AND MONTGOMERY RD., MAINTAIN FULL CLOSURE EXCEPT FOR LOCAL TRAFFIC FOR THE DURATION OF THE PROJECT. A MINIMUM OF 1 LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES, EXCEPT FOR A PERIOD NOT TO EXCEED 30 CONSECUTIVE CALENDAR DAYS, WHEN THROUGH TRAFFIC MAY BE DETOURED AS SHOWN ON SHEET 12. THE SOUTHERN HALF OF MONTGOMERY RD. IS ALSO TO BE INCLUDED IN PHASE 1. THIS PHASE CAN BE CONCURRENT WITH PHASE 3 BUT NOT WITH PHASE 2.

PHASE 2. FOR PLAINFIELD RD. BETWEEN MONTGOMERY RD. AND SOUTH AVE., MAINTAIN FULL CLOSURE EXCEPT FOR LOCAL TRAFFIC FOR THE DURATION OF THE PROJECT. A MINIMUM OF 1 LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES, EXCEPT FOR A PERIOD NOT TO EXCEED 30 CONSECUTIVE CALENDAR DAYS, WHEN THROUGH TRAFFIC MAY BE DETOURED AS SHOWN ON SHEET 13. THE NORTHERN HALF OF MONTGOMERY RD. IS ALSO TO BE INCLUDED IN WORK PHASE 2. THIS PHASE CANNOT BE CONCURRENT WITH PHASE 1 OR PHASE 3.

PHASE 3. FOR PLAINFIELD RD. BETWEEN SOUTH AVE. AND DEER PARK AVE. AND BLUE ASH RD. BETWEEN PLAINFIELD RD. AND SIBLEY AVE., MAINTAIN FULL CLOSURE EXCEPT FOR LOCAL TRAFFIC FOR THE DURATION OF THE PROJECT. A MINIMUM OF 1 LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES, EXCEPT FOR A PERIOD NOT TO EXCEED 30 CONSECUTIVE CALENDAR DAYS, WHEN THROUGH TRAFFIC MAY BE DETOURED AS SHOWN ON SHEET 14. EXISTING TRAFFIC SIGNAL VISIBILITY SHALL BE MAINTAINED AT THE INTERSECTION OF PLAINFIELD RD. & NORTH AVE. AT ALL TIMES AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SHIFTING OF ANY EXISTING SIGNAL FACES TO MAINTAIN THE INTERSECTION. THIS PHASE CAN BE CONCURRENT WITH PHASE 1 BUT NOT PHASE 2.

FOR WORK PERFORMED ON MONTGOMERY RD., UTILIZE PART-WIDTH CONSTRUCTION AND MAINTAIN 1 LANE IN EACH DIRECTION AT ALL TIMES. THE SOUTHERN HALF OF MONTGOMERY RD. CAN BE CONSTRUCTED ALONG WITH PHASE 1 WHILE THE NORTHERN HALF OF MONTGOMERY RD. CAN BE CONSTRUCTED WITH PHASE 2. FOLLOW ODOT SCD MT-95.31 FOR TAPERS.

FOR ALL PHASES, ALL LANES AND WALK ALONG PLAINFIELD ROAD AND MONTGOMERY ROAD SHALL BE FULLY OPEN AND ACCESSIBLE FOR TASTE OF SILVERTON WHICH OCCURS ANNUALLY ON THE THIRD SATURDAY OF JUNE.

THE PERIOD OF TIME THAT THE LANES ARE TO BE OPEN DEPENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY OR SPECIAL EVENT FALLS. THE FOLLOWING SCHEDULE SHALL BE USED TO DETERMINE THIS PERIOD:

DAY OF HOLIDAY OR SPECIAL EVENT	TIME ALL LANES MUST BE OPEN TO TRAFFIC
SUNDAY	12:00N FRIDAY - 6:00 AM MONDAY
MONDAY	12:00N FRIDAY - 6:00 AM TUESDAY
TUESDAY	12:00N MONDAY - 6:00 WEDNESDAY
TUESDAY (GEN./REG. ELECTION)	5:00 AM TUESDAY - 12:00 AM WEDNESDAY
WEDNESDAY	12:00N TUESDAY - 6:00 AM THURSDAY
THURSDAY	12:00N WEDNESDAY - 6:00 AM FRIDAY
THURSDAY (THANKSGIVING ONLY)	6:00 AM WEDNESDAY - 6:00 AM MONDAY
FRIDAY	12:00N THURSDAY - 6:00 AM MONDAY
SATURDAY	12:00N FRIDAY - 6:00 AM MONDAY

ITEM 614 - MAINTAINING TRAFFIC (CONTINUED)

DURING THE SAME PERIODS, MAINTAIN PEDESTRIAN ACCESS IF PEDESTRIAN ACCESS WAS PRESENT PRIOR TO CONSTRUCTION.

LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.

NOTICE OF CLOSURE SIGNS (W20-H13) SHALL BE ERECTED BY THE CONTRACTOR PRIOR TO THE SCHEDULED ROAD OR RAMP CLOSURE IN ACCORDANCE WITH THE NOTICE OF CLOSURE TIME TABLE BELOW.

THE SIGNS SHALL BE ERECTED ON THE RIGHT-HAND SIDE OF THE ROAD/RAMP FACING TRAFFIC. THEY SHALL BE PLACED SO AS NOT TO INTERFERE WITH THE VISIBILITY OF ANY OTHER TRAFFIC CONTROL SIGNS. ON ROADWAYS, THEY SHOULD BE ERECTED AT OR NEAR THE POINT OF CLOSURE.

NOTICE OF CLOSURE SIGN TIME TABLE		
ITEM	DURATION OF CLOSURE	SIGN DISPLAYED TO PUBLIC
RAMP & ROAD CLOSURES	≥ 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	> 12 HOURS & < 2 WEEKS	7 CALENDAR DAYS PRIOR TO CLOSURE
	≤ 12 HOURS	2 CALENDAR DAYS PRIOR TO CLOSURE

THE SIGN SHALL DISPLAY THE DATE OF CLOSURE IN MMM-DD FORMAT AND THE NUMBER OF DAYS OF THE CLOSURE. THE LAST LINE OF W20-H13 SIGN LISTS A PHONE NUMBER WHICH A MOTORIST MAY CALL FOR ADDITIONAL INFORMATION. THE PHONE NUMBER LISTED WILL BE 513-936-6235.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH C&MS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614 - MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

DRIVEWAY ACCESS SHOULD BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT. WHEN FULL OR PARTIAL CLOSURES ARE NECESSARY, THE CONTRACTOR SHALL COORDINATE WITH THE VILLAGE AND PROPERTY OWNER TO LIMIT ANY INCONVENIENCES. WHERE NECESSARY, PART WIDTH CONSTRUCTION MAY BE USED. AN ESTIMATED QUANTITY OF 900 SY OF ITEM 615 PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B AND A LUMP SUM ITEM 615 ROADS FOR MAINTAINING TRAFFIC HAS BEEN ADDED TO THE MOT SUB-SUMMARY.

615 Items added

NOTIFICATION OF TRAFFIC RESTRICTIONS

THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE VILLAGE MANAGER IN WRITING OF ALL TRAFFIC RESTRICTIONS AND UPCOMING MAINTENANCE OF TRAFFIC CHANGES. THE CONTRACTOR SHALL ENSURE THE WRITTEN NOTIFICATION IS SUBMITTED IN A TIMELY MANNER TO ALLOW THE VILLAGE MANAGER TO MEET THE REQUIRED TIME FRAMES SET FORTH IN THE TABLE BELOW TO INFORM THE SPECIAL HAULING PERMITS SECTION (HAULING.PERMITS@DOT.OHIO.GOV) AND THE DISTRICT PUBLIC INFORMATION OFFICE (PIO). THIS NOTIFICATION SHALL BE RECEIVED BY THE PROJECT ENGINEER PRIOR TO THE PHYSICAL SETUP OF ANY APPLICABLE SIGNS OR MESSAGE BOARDS.

INFORMATION SHOULD INCLUDE, BUT IS NOT LIMITED TO, ALL CONSTRUCTION ACTIVITIES THAT IMPACT OR INTERFERE WITH TRAFFIC AND SHALL LIST THE SPECIFIC LOCATION, TYPE OF WORK, ROAD STATUS, DATE AND TIME OF RESTRICTION, DURATION OF RESTRICTION, NUMBER OF LANES MAINTAINED, NUMBER OF LANES CLOSED, MINIMUM VERTICAL CLEARANCE, MINIMUM WIDTH OF DRIVABLE PAVEMENT, DETOUR ROUTES, IF APPLICABLE, AND ANY OTHER INFORMATION REQUESTED BY THE PROJECT ENGINEER.

NOTIFICATION OF TRAFFIC RESTRICTIONS TIME TABLE		
ITEM	DURATION OF CLOSURE	SIGN DISPLAYED TO PUBLIC
RAMP & ROAD CLOSURES	≥ 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	> 12 HOURS & < 2 WEEKS	7 CALENDAR DAYS PRIOR TO CLOSURE
	≤ 12 HOURS	2 CALENDAR DAYS PRIOR TO CLOSURE
LANE CLOSURES & RESTRICTIONS	≥ 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	< 2 WEEKS	5 BUSINESS DAYS PRIOR TO CLOSURE
START OF CONSTRUCTION & TRAFFIC PATTERN CHANGES	N/A	14 CALENDAR DAYS PRIOR TO IMPLEMENTATION

ANY UNFORESEEN CONDITIONS NOT SPECIFIED IN THE PLANS REQUIRING TRAFFIC RESTRICTIONS SHALL ALSO BE REPORTED TO THE VILLAGE MANAGER AND ENGINEER USING THE NOTIFICATION TIME TABLE.

108.06 C EXTENSION TO THE COMPLETION DATE FOR WEATHER OR SEASONAL CONDITIONS.

A WEATHER DAY FOR CRITICAL WORK IS DEFINED AS A WORKDAY THAT WEATHER REDUCED PRODUCTION BY MORE THAN 50 PERCENT ON ITEMS OF WORK ON THE CRITICAL PATH FOR CRITICAL WORK. SUBMIT A REQUESTED FOR AN EXTENSION OF TIME FOR A LOST WORKDAY DUE TO WEATHER WITH 2 DAYS OF OCCURRENCE. THE ENGINEER WILL EXTEND THE CALENDAR DAYS TO COMPLETE BY CALENDAR DAYS. THE ENGINEER WILL CONVERT WORK DAYS TO CALENDAR DAYS FOR EACH LOST WORKDAY DUE TO WEATHER BY MULTIPLYING THE NUMBER OF LOST WORKDAYS BY 1.4 FOR A 5-DAY WORK WEEK OR LESS; 1.2 FOR A 6-DAY WORK WEEK; AND 1 FOR A 7-DAY WORK WEEK; AND EXTEND THE CALENDAR DAYS TO COMPLETE BY THE RESULTING NUMBER OF CALENDAR DAYS PLUS ANY HOLIDAYS THE CONTRACTOR DOES NOT NORMALLY WORK THAT OCCUR IN THE EXTENSION PERIOD. WHEN THE CONVERSION OF WORKDAYS TO CALENDAR DAYS RESULTS IN A DECIMAL OF 0.5 OR GREATER, THE ENGINEER WILL ROUND THE NUMBER OF CALENDAR DAYS TO THE NEXT HIGHEST WHOLE NUMBER. WHEN THE CONVERSION RESULTS IN A DECIMAL LESS THAN 0.5, THE ENGINEER WILL DELETE THE DECIMAL PORTION OF THE CALENDAR DAYS.

DESCRIPTION OF CRITICAL WORK	CALENDAR DAYS TO COMPLETE	DISINCENTIVE \$ PER DAY	WORK WINDOW	
			START	END
PHASE 1	30	\$1,000	6/22/26	10/31/26
PHASE 2	30	\$1,000	7/22/26	10/31/26
PHASE 3	30	\$1,000	7/22/26	10/31/26

PN 129 - 10/15/2021 - FLEXIBLE START WINDOW CONTRACT

THE CONTRACTOR HAS THE NUMBER OF CALENDAR DAYS DESIGNATED IN THE WINDOW CONTRACT TABLE IN WHICH TO COMPLETE ALL ITEMS OF CRITICAL WORK. THE WINDOW CONTRACT TABLE IS LOCATED IN THE PLAN GENERAL NOTES. THE CONTRACTOR MAY BEGIN ANY TIME AS IDENTIFIED IN THE WINDOW CONTRACT TABLE AND MUST COMPLETE THE CRITICAL WORK WITHIN THE CALENDAR DESIGNATED IN THE WINDOW CONTRACT TABLE OR BY THE COMPLETION DATE LISTED IN THE PROPOSAL, WHICHEVER COMES FIRST.

CRITICAL WORK IS SHOWN IN THE WINDOW CONTRACT TABLE.

COMPLETION OF CRITICAL WORK IS DEFINED AS HAVING THE DESIGNATED SECTION OF WORK OPEN TO UNRESTRICTED TRAFFIC AS SHOWN IN THE TABLE, OR THE ENTIRE PROJECT IF NOT OTHERWISE LISTED.

UNRESTRICTED TRAFFIC IS DEFINED AS ALL TRAFFIC LANES BEING AVAILABLE FOR USE AT THEIR FINAL DESIGN WIDTH WITH ALL MARKINGS, RPM'S, AND SAFETY FEATURES INSTALLED, ALONG WITH NO RESTRICTIONS WITHIN 2 FEET OF THE EDGE LINE ON THE SHOULDERS.

THE CONTRACTOR MUST SCHEDULE THE LATEST START DATE OF THE CRITICAL WORK PRIOR TO THE FOLLOWING CALCULATED DATE:

LATE CRITICAL WORK START DATE = [WORK WINDOW END DATE] - [(CALENDAR DAYS TO COMPLETE) X 1.25]

IF THE CRITICAL WORK IS NOT STARTED BY THE LATE CRITICAL WORK START DATE, THE CONTRACTOR WILL BE ASSESSED A DISINCENTIVE AS DEFINED IN THE WINDOW CONTRACT TABLE FOR EVERYDAY THE CONTRACTOR DOES NOT START THE CRITICAL WORK.

IF THE WORK IS NOT COMPLETED WITHIN THE CALENDAR DAYS DESIGNATED IN THE WINDOW CONTRACT TABLE, THE CONTRACTOR WILL BE SUBJECT TO DISINCENTIVES AS IDENTIFIED IN THE CONTRACT CRITICAL WORK TABLE. IF THE WINDOW CONTRACT CRITICAL WORK TABLE DOES NOT DESIGNATE A DISINCENTIVE VALUE, THE CONTRACTOR WILL BE SUBJECT TO THE LIQUIDATED DAMAGES IN ACCORDANCE WITH THE SCHEDULE SET FORTH IN C&MS 108.07.

108.06 C SHALL BE MODIFIED TO THE FOLLOWING AND SHALL BE APPLICABLE ONLY TO THE CRITICAL WORK (AS DEFINED IN THE WINDOW CONTRACT TABLE):

DUST CONTROL

THE CONTRACTOR SHALL FURNISH AND APPLY WATER FOR DUST CONTROL AS DIRECTED BY THE ENGINEER. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED FOR DUST CONTROL PURPOSES:

ITEM 616, WATER 4.0 M. GAL.

INDIANA & OHIO RAILWAY COORDINATION

CONTRACTOR TO NOTIFY G&W PUBLIC PROJECTS DEPARTMENT 30 DAYS PRIOR TO STARTING CONSTRUCTION.

G&W FLAGGING SERVICES WILL BE REQUIRED FOR ALL WORK WITHIN G&W RIGHT-OF-WAY OR ANY WORK THAT HAS A "POTENTIAL TO FOUL".

THE CONTRACTOR MUST NOT USE THE RAILROAD RIGHT-OF-WAY FOR STORAGE OF MATERIALS OR EQUIPMENT DURING CONSTRUCTION. THE RAILROAD'S RIGHT-OF-WAY MUST REMAIN CLEAR AT ALL TIMES. THE CONTRACTOR MUST PLAN AND PERFORM THE WORK IN A MANNER SUCH THAT THE RAILROAD TRACKS AT THE PROJECT LOCATION REMAIN FULLY CAPABLE OF OPERATING RAIL TRAFFIC THROUGHOUT THE WORK PERIOD AND RAIL TRAFFIC IS NOT DELAYED OR OTHERWISE IMPACTED DUE TO THE WORK BEING PERFORMED.

ALL WORK PERFORMED ON, ABOVE, OR ADJACENT TO RAILROAD PROPERTY SHALL BE IN ACCORDANCE WITH THE PUBLIC PROJECT MANUAL, CURRENT EDITION. WORK PLANS SHALL BE SUBMITTED FOR REVIEW TO THE RAILROAD FOR TASKS RELATED TO SITE ACCESS, SOIL AND WATER MANAGEMENT, BALLAST PROTECTION, DEMOLITION, CONTAINMENT, CONCRETE FORMWORK, AND ALL OTHER WORK THAT POTENTIALLY AFFECTS RAILROAD PROPERTY OR OPERATIONS. ALL WORK PLANS SHALL BE PREPARED AND SUBMITTED TO THE RAILROAD IN ADHERENCE WITH THE PUBLIC PROJECT MANUAL, SECTION 1.11 CONSTRUCTION SUBMISSION CRITERIA.

THE CONTRACTOR WILL BE REQUIRED TO REACH OUT TO G&W REAL ESTATE FOR AN ROE APPLICATION AND AGREEMENT FOR WORK TO TAKE PLACE ON THE G&W ROW. HERE IS THE WEBSITE FOR ROE INFORMATION:

[HTTPS://WWW.GWRR.COM/REAL_ESTATE/ACCESSING_PROPERTY](https://www.gwrr.com/real_estate/accessing_property)

RAILROAD PROJECT COORDINATION

THE CONTRACTOR SHALL PERFORM ONGOING COORDINATION OF THEIR DESIGN AND CONSTRUCTION ACTIVITIES WITH THE RAILROAD THROUGHOUT THE PROJECT. THE CONTRACTOR SHALL PROVIDE A CURRENT SCHEDULE ON A MONTHLY BASIS INCLUDING ANTICIPATED DATES OF THE FOLLOWING ITEMS:

1. CONSTRUCTION SUBMITTALS REQUIRING RAILROAD REVIEW AND APPROVAL PRIOR TO BEGINNING CONSTRUCTION (PER THE RAIL AGREEMENT(S))
2. CONSTRUCTION START AND END DATES FOR WORK THAT MAY CREATE AN IMPACT TO THE RAIL FACILITY/OPERATIONS.
3. ANTICIPATED DATES AND DURATIONS FOR FLAGGERS.
4. ANY OTHER MILESTONES THAT MAY IMPACT RAIL FACILITIES OR OPERATIONS.

MEANS AND METHODS: THE CONTRACTOR SHALL DEVELOP A DETAILED SUBMISSION INDICATING THE PROGRESSION OF WORK WITH SPECIFIC TIMES WHEN TASKS WILL BE PERFORMED FOR WORK ACTIVITIES THAT ARE ON OR IN THE VICINITY OF THE RAILROAD PROPERTY.

THIS SUBMISSION MAY REQUIRE A WALKTHROUGH AT WHICH TIME THE RAILROAD AND/OR THEIR REPRESENTATIVE WILL BE PRESENT. WORK WILL NOT BE PERMITTED TO COMMENCE UNTIL THE CONTRACTOR HAS PROVIDED THE RAILROADS WITH A SATISFACTORY PLAN THAT THE PROJECT WILL BE UNDERTAKEN WITHOUT SCHEDULING, PERFORMANCE, OR SAFETY RELATED ISSUES. PROVIDE A LIST OF THE ANTICIPATED EQUIPMENT TO BE USED, THE LOCATION OF ALL EQUIPMENT TO BE USED, AND ENSURE A CONTINGENCY PLAN OF ACTION IS IN PLACE SHOULD A PRIMARY PIECE OF EQUIPMENT MALFUNCTION. ALL WORK IN THE VICINITY OF THE RAILROAD PROPERTY THAT HAS THE POTENTIAL OF AFFECTING TRAIN OPERATIONS MUST BE SUBMITTED AND APPROVED BY THE RAILROAD PRIOR TO WORK BEING PERFORMED. THIS SUBMISSION WILL ALSO INCLUDE A DETAILED NARRATIVE DISCUSSING THE COORDINATION OF PROJECT SAFETY ISSUES BETWEEN THE CONTRACTOR AND THE RAILROAD AND/OR THEIR REPRESENTATIVE. THE NARRATIVE SHALL ADDRESS PROJECT LEVEL COORDINATION AND DAY-TO-DAY, SPECIFIC WORK OPERATIONS INCLUDING CRANE AND EQUIPMENT OPERATIONS, ERECTION PLANS, AND TEMPORARY WORKS.

UP TO SIXTY (60) CALENDAR DAYS WILL BE REQUIRED TO REVIEW ALL CONSTRUCTION SUBMISSIONS. UP TO AN ADDITIONAL SIXTY (60) CALENDAR DAYS WILL BE REQUIRED TO REVIEW ANY SUBSEQUENT SUBMISSIONS RETURNED NOT APPROVED.

CONSTRUCTION SCHEDULE: SUBMIT A DETAILED CONSTRUCTION SCHEDULE FOR THE DURATION OF THE PROJECT CLEARLY INDICATING THE TIME PERIODS WHILE WORKING ON AND AROUND THE RAILROAD'S RIGHT-OF-WAY. AS THE WORK PROGRESSES, THIS SCHEDULE SHALL BE UPDATED MONTHLY AND RESUBMITTED AS NECESSARY TO REFLECT CHANGES IN WORK SEQUENCE, DURATION, AND METOND, ETC.

ITEM SPECIAL – IORY RAILROAD TRAINING:

ALL PERSONNEL ENTERING IORY PROPERTY SHALL COMPLETE THE 2 HOUR ROADWAY WORKER PROTECTION FOR "GENESEE & WYOMING" COURSE. THE TRAINING CAN BE ACCESSED AT: [HTTPS://RAILPROS.COM/TRAINING/](https://railpros.com/training/).

THIS COURSE WILL FAMILIARIZE THE PARTICIPANTS WITH THE OPERATING AND SAFETY RULES OF G&W AND FRA REGULATIONS WITH WHICH THEY ARE REQUIRED TO COMPLY. ONCE PARTICIPANTS COMPLETE THE TRAINING THE COMPLETION RECORD WILL BE RECORDED TO ISNETWORK, WHO MANAGES THE TRAINING COMPLIANCE REQUIREMENTS FOR G&W.

PAYMENT FOR THE COURSE AND TIME SHALL BE INCLUDED WITH ITEM

ITEM SPECIAL (900E17000) LUMP SUM – IORY RAILROAD TRAINING.

615 items added,
410 removed

MAINTENANCE OF TRAFFIC - SUBSUMMARY

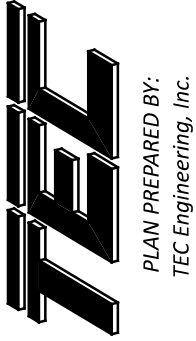
ITEM	EXTENSION	TOTAL	UNIT	DESCRIPTION	SEE SHEET
100	00300	LS		PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE	
614	12420	LS		DETOUR SIGNING	
615	25000	900	SY	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B	11
615	10000	LS		ROADS FOR MAINTAINING TRAFFIC	11
616	10000	4	MGAL	WATER	11
SPECIAL	90017000	LS		IORY RAILROAD TRAINING	12

SHEET NUM.								PART.		ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
8	9	20	21	22	23	24	25	1/STGB	2/NFP						
													ROADWAY		
		12,392					2,233	14,625		202	23000	14,625	SY	PAVEMENT REMOVED	
		40,371						40,371		202	30000	40,371	SF	WALK REMOVED	
		2						2		202	30200	2	FT	STEPS REMOVED	
		5,663						5,663		202	32000	5,663	FT	CURB REMOVED	
	50		1,510					1,560		202	35100	1,560	FT	PIPE REMOVED, 24" DIAMETER AND UNDER	
								31		SPECIAL	20252990	31	EACH	PARKING BLOCK REMOVED	
								11		202	58000	11	EACH	MANHOLE REMOVED	
								16		202	58100	16	EACH	CATCH BASIN REMOVED	
								1		202	58700	1	EACH	MANHOLE ABANDONED	
	1							1		202	66500	1	EACH	UNDERGROUND STORAGE TANK REMOVED	
	50							50		SPECIAL	20270110	50	FT	PIPE CLEANOUT, 24" AND UNDER	9
		101						101		202	75000	101	FT	FENCE REMOVED	
								1,750		203	10000	1,750	CY	EXCAVATION	
LS								550		203	20000	550	CY	EMBANKMENT	
									LS	203	98500	LS		ROADWAY, MISC.: ALTA FIBER DUCT BANK ENCASEMENT	8
		1						1		203	98600	1	EACH	ROADWAY, MISC.: RELOCATE BRICK SILVERTON SIGN	8
			1					1		203	98600	1	EACH	ROADWAY, MISC.: RELOCATE EV CHARGING STATIONS	8
								2		203	98600	2	EACH	ROADWAY, MISC.: REMOVE AND RESET EX. STREET FURNITURE	8
		2						2		203	98600	2	EACH	ROADWAY, MISC.: REMOVE EX. BENCH	8
						12,615	3,087	15,702		204	10000	15,702	SY	SUBGRADE COMPACTION	
						3,749		3,749		204	13000	3,749	CY	EXCAVATION OF SUBGRADE	
						3,749		3,749		204	30010	3,749	CY	GRANULAR MATERIAL, TYPE B	
6								6		204	45000	6	hour	PROOF ROLLING	8
						11,900		11,900		204	51000	11,900	SY	GEOGRID	
		39,500						39,500		608	12000	39,500	SF	5" CONCRETE WALK	
		2						2		608	40000	2	FT	CONCRETE STEPS, TYPE A	
		2,691						2,691		608	52000	2,691	SF	CURB RAMP	
								28		SPECIAL	69050500	28	EACH	CONCRETE PARKING BLOCK	
	15		28					15		SPECIAL	69065016	15	TON	WORK INVOLVING PETROLEUM CONTAMINATED SOIL	9
								LS		878	25000	LS		INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS	
														EROSION CONTROL	
12								12		659	00300	12	CY	TOPSOIL	8
111								111		659	10000	111	SY	SEEDING AND MULCHING	8
6								6		659	14000	6	SY	REPAIR SEEDING AND MULCHING	8
0.01								0.01		659	20000	0.01	TON	COMMERCIAL FERTILIZER	8
0.02								0.02		659	31000	0.02	ACRE	LIME	8
0.6								0.6		659	35000	0.6	MGAL	WATER	8
0.3								0.3		659	40000	0.3	MSF	MOWING	8
								32,000		832	30000	32,000	EACH	EROSION CONTROL	
														DRAINAGE	
						3,284		3,284		605	11110	3,284	FT	6" SHALLOW PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC	
							360	360		611	00510	360	FT	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS	
				705	455			1,160		611	04400	1,160	FT	12" CONDUIT, TYPE B, 706.02	
				53				53		611	04600	53	FT	12" CONDUIT, TYPE C, 707.45	
				246	110			356		611	05900	356	FT	15" CONDUIT, TYPE B, 706.02	
				48				48		611	06100	48	FT	15" CONDUIT, TYPE C, 707.45	
				47				47		611	07600	47	FT	18" CONDUIT, TYPE C, 707.45	
				10				10		611	08900	10	FT	21" CONDUIT, TYPE B, 706.02	
				109				109		611	09100	109	FT	21" CONDUIT, TYPE C, 707.45	
	50			251	53			354		611	10400	354	FT	24" CONDUIT, TYPE B, 706.02	
				136				136		611	10600	136	FT	24" CONDUIT, TYPE C, 707.45	
				46				46		611	52302	46	FT	19" X 30" CONDUIT, TYPE B, 706.04	
				5	2			7		611	97200	7	EACH	CONDUIT, MISC.: SANITARY SEWER ENCASEMENT	9
				5	3			8		611	98150	8	EACH	CATCH BASIN, NO. 3	

ADDED ITEM

Item added

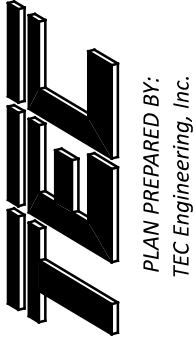
GENERAL SUMMARY

DESIGN AGENCY

 PLAN PREPARED BY:
 TEC Engineering, Inc.
 7288 Central Park Blvd.
 Mason, OH 45040
 DESIGNER
 KLL
 REVIEWER
 ALH 03/20/26
 PROJECT ID
 116550
 SHEET TOTAL
 016 | 166

SHEET NUM.									PART.		ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
9	20	22	23	24	25	159	1/STGB	2/NFP								
		15	4				19		611	98180	19	EACH	CATCH BASIN, NO. 3A			
		1					1		611	98370	1	EACH	CATCH BASIN, NO. 6			
		3					3		611	98510	3	EACH	CATCH BASIN, NO. 2-3			
		18	6				24		611	99574	24	EACH	MANHOLE, NO. 3			
	12						12		611	99654	12	EACH	MANHOLE ADJUSTED TO GRADE			
	1						1		611	99655	1	EACH	MANHOLE ADJUSTED TO GRADE, AS PER PLAN	9		
	5						5		611	99690	5	EACH	MANHOLE, MISC.: EX. TMH, ATG	9		
LS							LS		611	99920	LS		DRAINAGE STRUCTURE, MISC.: CONNECT ROOF DRAINS TO DRAINAGE SYSTEM	9		
		25					25		839	30100	25	FT	TRENCH DRAIN, TYPE B WITH PEDESTRIAN GRATE			
													PAVEMENT			
				1,821			1,821		301	56000	1,821	CY	ASPHALT CONCRETE BASE, PG64-22, (449)			
				100	187		287		301	56100	287	CY	ASPHALT CONCRETE BASE, PG64-22, (449), (DRIVEWAYS)			
				1,656			1,656		304	20000	1,656	CY	AGGREGATE BASE			
				1,129	69		1,198		407	20000	1,198	GAL	NON-TRACKING TACK COAT			
				456			456		441	50000	456	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22			
				533			533		441	50300	533	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)			
				40			40		441	70000	40	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22			
					75		75		441	70600	75	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (449), (DRIVEWAYS)			
					180		180		452	11010	180	SY	7" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P			
					1,699		1,699		452	12010	1,699	SY	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P			
				5,928			5,928		609	26000	5,928	FT	CURB, TYPE 6			
													WATER WORK			
						50			50	202	34900	50	FT	PIPE REMOVED		
						100			100	202	98200	100	FT	REMOVAL MISC.: STREET CAR RAILS (REMOVED)	158	
						10			5	5	503	21101	10	CY	UNCLASSIFIED EXCAVATION, AS PER PLAN, CINCINNATI SPEC 1119	158
						10			5	5	503	21101	10	CY	UNCLASSIFIED EXCAVATION, AS PER PLAN, CINCINNATI SPEC 1120	158
						3,355			928	2,427	509	40000	3,355	LB	CONCRETE REINFORCEMENT, MISC.: REINFORCING STEEL	158
						30			8	22	511	71100	30	CY	CONCRETE, MISC.: CONCRETE, CINCINNATI SPEC 1110	158
						2			1	1	602	10000	2	CY	BRICK MASONRY, CINCINNATI SPEC 602	
						2			1	1	SPECIAL	63830002	2	MBF	SHEETING AND BRACING ORDERED LEFT IN PLACE	158
						2			2		638	98000	2	EACH	WATER WORK, MISC.: ADJUST EXISTING VALVE CHAMBER TO GRADE	158
						1				1	638	98000	1	EACH	WATER WORK, MISC.: FIRE HYDRANT FLOW TESTING (EXISTING), CINCINNATI SPEC 1112	158
						3				3	638	98000	3	EACH	WATER WORK, MISC.: FIRE HYDRANT FLOW TESTING (NEW), CINCINNATI SPEC 1112	158
						1				1	638	98000	1	EACH	WATER WORK, MISC.: FURNISHING AND INSTALLING 6" PLUG IN EXISTING WATER MAIN AND FITTING, CINCINNATI SPEC 1105	158
						14			9	5	638	98000	14	EACH	WATER WORK, MISC.: FURNISHING AND INSTALLING CURB AND ROADWAY BOX (RENEW), CINCINNATI SPEC 1131	158
						7				7	638	98000	7	EACH	WATER WORK, MISC.: FURNISHING AND INSTALLING CURB AND ROADWAY BOX, CINCINNATI SPEC 1131	158
						1				1	638	98000	1	EACH	WATER WORK, MISC.: FURNISHING AND INSTALLING FIRE HYDRANT EXTENSION, 24" LONG, CINCINNATI SPEC 1115	158
						2			1	1	638	98000	2	EACH	WATER WORK, MISC.: FURNISHING AND INSTALLING FIRE HYDRANT EXTENSION, 6" LONG, CINCINNATI SPEC 1115	158
						6			1	5	638	98000	6	EACH	WATER WORK, MISC.: FURNISHING AND INSTALLING VALVE BOX COMPLETE, CINCINNATI SPEC 1116	158
						1				1	638	98000	1	EACH	WATER WORK, MISC.: FURNISHING AND INSTALLING VALVE BOX WITH 1" AIR RELEASE COMPLETE, CINCINNATI SPEC 1116	158
						3				3	638	98000	3	EACH	WATER WORK, MISC.: FURNISHING AND INSTALLING VALVE BOX WITH 2" AIR RELEASE COMPLETE, CINCINNATI SPEC 1116	158
						1				1	638	98000	1	EACH	WATER WORK, MISC.: HAULING AND INSTALLING FIRE HYDRANT, CINCINNATI SPEC 1112	158
						7				7	638	98000	7	EACH	WATER WORK, MISC.: LEAD SERVICE LINE REPLACEMENT, CINCINNATI SPEC 1126	158
						2			1	1	638	98000	2	EACH	WATER WORK, MISC.: RELOCATING EXISTING FIRE HYDRANT, CINCINNATI SPEC 1113	158
						1				1	638	98000	1	EACH	WATER WORK, MISC.: REMOVING CURB AND ROADWAY BOX	158
						1				1	638	98000	1	EACH	WATER WORK, MISC.: REMOVING EXISTING MANHOLE CURB AND COVER, CINCINNATI SPEC 1122	158
						8				8	638	98000	8	EACH	WATER WORK, MISC.: REMOVING EXISTING VALVE BOX, CINCINNATI SPEC 1122	158
						1				1	638	98000	1	EACH	WATER WORK, MISC.: REMOVING FIRE HYDRANT, CINCINNATI SPEC 1114	158
						1				1	638	98000	1	EACH	WATER WORK, MISC.: RESETTING EXISTING 5/8" FROST-PROOF METER SETTING, CINCINNATI SPEC 1135	158
						21				21	638	98000	21	EACH	WATER WORK, MISC.: RESETTING EXISTING CURB AND ROADWAY BOX, CINCINNATI SPEC 1132	158
						62				62	638	98000	62	EACH	WATER WORK, MISC.: RESETTING EXISTING VALVE BOX, COMPLETE, CINCINNATI SPEC 1125	158
						10			5	5	638	98600	10	FT	WATER WORK, MISC.: CHANGING 8" AND UNDER PIPE SEWER, CINCINNATI SPEC 1123	158

Water items updated

GENERAL SUMMARY

DESIGN AGENCY

 PLAN PREPARED BY:
 TEC Engineering, Inc.
 7288 Central Park Blvd.
 Mason, OH 45040

DESIGNER
 KLL

REVIEWER
 ALH 03/20/26

PROJECT ID
 116550

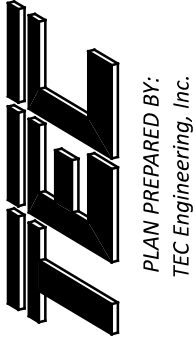
SHEET TOTAL
 017 166

SHEET NUM.										PART.		ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
10	20	21	26	27	28	29	115	119	159	1/STGB	2/NFP	EXT	TOTAL				
									10	5		638	98600	10	FT	WATER WORK, MISC.: CHANGING 10" THRU 24" PIPE SEWER, CINCINNATI SPEC 1123	158
									89	73		638	98600	89	FT	WATER WORK, MISC.: FURNISHING AND INSTALLING 1 1/2" COPPER SERVICE PIPE W/ AQUA SHIELD, CINCINNATI SPEC 1126	158
									33	33		638	98600	33	FT	WATER WORK, MISC.: FURNISHING AND INSTALLING 1" COPPER SERVICE PIPE W/ AQUA SHIELD, CINCINNATI SPEC 1126	158
									33	15	18	638	98600	33	FT	WATER WORK, MISC.: FURNISHING AND INSTALLING 2" COPPER SERVICE PIPE W/ AQUA SHIELD, CINCINNATI SPEC 1126	158
									272	171	101	638	98600	272	FT	WATER WORK, MISC.: FURNISHING AND INSTALLING 3/4" COPPER SERVICE PIPE W/ AQUA SHIELD, CINCINNATI SPEC 1126	158
									14		14	638	98600	14	FT	WATER WORK, MISC.: FURNISHING AND INSTALLING 3-1/2" THICK FOAMGLAS INSULATION, CINCINNATI SPEC 1106	158
									595	30	565	638	98600	595	FT	WATER WORK, MISC.: FURNISHING AND LAYING 16" DUCTILE IRON PIPE AND FITTINGS, CINCINNATI SPEC 1101	158
									93	15	78	638	98600	93	FT	WATER WORK, MISC.: FURNISHING AND LAYING 6" DUCTILE IRON PIPE AND FITTINGS, CINCINNATI SPEC 1101	158
									27		27	638	98600	27	FT	WATER WORK, MISC.: FURNISHING AND LAYING 8" DUCTILE IRON PIPE AND FITTINGS, CINCINNATI SPEC 1101	158
									LS		LS	SPECIAL	63899000	LS		WATER WORKS - HAULING WATER WORKS MATERIAL, 1 TON, CINCINNATI SPEC 1102	158
LIGHTING																	
3,175										3,175		625	25411	3,175	FT	CONDUIT, 2", 725.052, AS PER PLAN	10
LS										LS		625	98200	LS		LIGHTING, MISC.: MAINTAIN EXISTING LIGHTING	10
OTHER UTILITIES																	
	44									44		SPECIAL	61199700	44	EACH	GAS VALVE BOX ADJUSTED TO GRADE	9
	12									12		611	99900	12	EACH	DRAINAGE STRUCTURE, MISC.: GAS METER, ADJUSTED TO GRADE	9
	9									9		638	10400	9	EACH	FIRE HYDRANT ADJUSTED TO GRADE	
	101									101		638	10800	101	EACH	VALVE BOX ADJUSTED TO GRADE	
	7									7		638	10900	7	EACH	SERVICE BOX ADJUSTED TO GRADE	
	5									5		638	98000	5	EACH	WATER WORK, MISC.: WATER MANHOLE, ADJUSTED TO GRADE	9
TRAFFIC CONTROL																	
			105	56						161		630	03100	161	FT	GROUND MOUNTED SUPPORT, NO. 3 POST	
			48	14						62		630	08520	62	FT	STREET NAME SIGN SUPPORT, NO. 3 POST	
			3	1						4		630	08600	4	EACH	SIGN POST REFLECTOR	
			1							1		630	72521	1	EACH	OVERHEAD SIGN SUPPORT, TYPE TC-16.22, DESIGN 7, AS PER PLAN	110
			2				10	5		17		630	79100	17	EACH	SIGN HANGER ASSEMBLY, MAST ARM	
			7	8						15		630	79500	15	EACH	SIGN SUPPORT ASSEMBLY, POLE MOUNTED	
			95.6	51.6			82.5	22		251.7		630	80100	251.7	SF	SIGN, FLAT SHEET	
			6	2						8		630	80500	8	EACH	SIGN, DOUBLE FACED, STREET NAME	
				2						2		630	80510	2	EACH	SIGN, STREET NAME	
			1							1		630	84511	1	EACH	RIGID OVERHEAD SIGN SUPPORT FOUNDATION, AS PER PLAN	110
			13	14						27		630	84900	27	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	
			1							1		630	85100	1	EACH	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	
			9	9						18		630	86002	18	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	
			1							1		630	86010	1	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND REERECTION	
			2	2						4		630	87400	4	EACH	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL	
			17	11						28		630	87500	28	EACH	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL	
		1								1		630	97700	1	EACH	SIGNING, MISC.: REMOVAL OF MEIER'S WINE CELLARS SIGN	10
			1							1		630	97700	1	EACH	SIGNING, MISC.: REMOVAL OF SPAN WIRE	103
			2							2		630	97700	2	EACH	SIGNING, MISC.: SOLAR POWERED RECTANGULAR RAPID FLASHING BEACON (RRFB)	103
					0.1					0.1		644	00200	0.1	MILE	LANE LINE, 4"	
					0.48	0.12				0.6		644	00300	0.6	MILE	CENTER LINE	
					400					400		644	00400	400	FT	CHANNELIZING LINE, 8"	
					152	103				255		644	00500	255	FT	STOP LINE	
					584	54				638		644	00630	638	FT	CROSSWALK LINE, 24"	
					215	81				296		644	00700	296	FT	TRANSVERSE/DIAGONAL LINE	
					36					36		644	00900	36	SF	ISLAND MARKING	
					1	1				2		644	01000	2	EACH	RAILROAD SYMBOL MARKING	
					410	496				906		644	01200	906	FT	PARKING LOT STALL MARKING	
					11	2				13		644	01300	13	EACH	LANE ARROW	
					3					3		644	01301	3	EACH	LANE ARROW, AS PER PLAN	103
						230				230		644	01500	230	FT	DOTTED LINE, 4", DOUBLE YELLOW	
						16				16		644	30000	16	FT	REMOVAL OF PAVEMENT MARKING	

Water items updated

Item changed to match note sheet

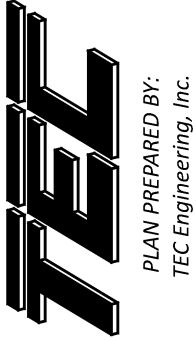
GENERAL SUMMARY

DESIGN AGENCY

 PLAN PREPARED BY:
 TEL Engineering, Inc.
 7288 Central Park Blvd.
 Mason, OH 45040
 DESIGNER
 KLL
 REVIEWER
 ALH 03/20/26
 PROJECT ID
 116550
 SHEET TOTAL
 018 | 166

SHEET NUM.									PART.		ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
9	11	12	26	115	119				1/STGB	2/NFP						
				47	119				166		625	25410	166	FT	CONDUIT, 2", 725.052	
				54	95				149		625	25606	149	FT	CONDUIT, 4", 725.052	
					60				60		625	25908	60	FT	CONDUIT, JACKED OR DRILLED, 725.052, 2"	
				288	284				572		625	25908	572	FT	CONDUIT, JACKED OR DRILLED, 725.052, 4"	
				98	191				289		625	29002	289	FT	TRENCH, 24" DEEP	
				5	9				14		625	30706	14	EACH	PULL BOX, 725.08, 24"	
				10	8				18		625	32000	18	EACH	GROUND ROD	
					1				1		632	04802	1	EACH	VEHICULAR SIGNAL HEAD, (LED), 1-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, BLACK	
				6	11				17		632	05006	17	EACH	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, BLACK	
				3	1				4		632	05086	4	EACH	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, BLACK	
				8	6				14		632	20731	14	EACH	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN	112
				8	6				14		632	20750	14	EACH	ACCESSIBLE PEDESTRIAN PUSHBUTTON	
				9	12				21		632	25000	21	EACH	COVERING OF VEHICULAR SIGNAL HEAD	
				8	6				14		632	25010	14	EACH	COVERING OF PEDESTRIAN SIGNAL HEAD	
					104				104		632	40300	104	FT	SIGNAL CABLE, 3 CONDUCTOR, NO. 14 AWG	
				967	1,009				1,976		632	40500	1,976	FT	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG	
				1,307	1,350				2,657		632	40700	2,657	FT	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG	
					1				1		632	62820	1	EACH	INTERCONNECT, MISC.: REUSE OF INTERCONNECT CABLE	112
				4	3				7		632	64011	7	EACH	SIGNAL SUPPORT FOUNDATION, AS PER PLAN	112
			2						2		632	64020	2	EACH	PEDESTAL FOUNDATION	
				5	4				9		632	64021	9	EACH	PEDESTAL FOUNDATION, AS PER PLAN	112
				927	979				1,906		632	65300	1,906	FT	LOOP DETECTOR LEAD-IN CABLE, 2 CONDUCTOR, NO. 14 AWG	
				133	231				364		632	66104	364	FT	POWER CABLE, 3 CONDUCTOR, NO. 10 AWG	
				1	1				2		632	70001	2	EACH	POWER SERVICE, AS PER PLAN	112
				3	1				4		632	72111	4	EACH	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 4, AS PER PLAN, BLACK	112
					2				2		632	72131	2	EACH	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 12, AS PER PLAN, BLACK	112
				1					1		632	72151	1	EACH	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 14, AS PER PLAN, BLACK	112
				5	4				9		632	89921	9	EACH	PEDESTAL, 10.7' TALL, TRANSFORMER BASE, AS PER PLAN, BLACK	112
				1	1				2		632	90101	2	EACH	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN	112
				1	1				2		633	45000	2	EACH	GPS (GLOBAL POSITIONING SYSTEM) CLOCK ASSEMBLY	
				1	1				2		633	65511	2	EACH	CABINET, TYPE TS-2, AS PER PLAN	112
				1	1				2		633	67100	2	EACH	CABINET FOUNDATION	
				1	1				2		633	67200	2	EACH	CONTROLLER WORK PAD	
				1	1				2		633	75001	2	EACH	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN	112
				4	5				9		809	69101	9	EACH	STOP LINE RADAR DETECTION, AS PER PLAN	113
				1	1				2		809	69123	2	EACH	ATC CONTROLLER, AS PER PLAN	113
					1				1		819	10001	1	EACH	RAILROAD PREEMPTION INTERFACE, AS PER PLAN, PLAINFIELD RD. & DEER PARK AVE.	113
				8	12				20		614	11110	20	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	113
		LS							LS		614	12420	LS		DETOUR SIGNING	
		LS							LS		615	10000	LS		ROADS FOR MAINTAINING TRAFFIC	11
		900							900		615	25000	900	SY	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B	11
		4							4		616	10000	4	MGAL	WATER	11
		LS							LS		100	00300	LS		PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE	
									LS		108	10000	LS		CPM PROGRESS SCHEDULE	
		LS							LS		614	11000	LS		MAINTAINING TRAFFIC	11
12									12		619	16021	12	MNTH	FIELD OFFICE, TYPE C, AS PER PLAN	9
									LS		623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING	
									LS		624	10000	LS		MOBILIZATION	
		LS							LS		SPECIAL	90017000	LS		IORY RAILROAD TRAINING	12

615 Items added,
410 removed

GENERAL SUMMARY

DESIGN AGENCY

 PLAN PREPARED BY:
 TEC Engineering, Inc.
 7288 Central Park Blvd.
 Mason, OH 45040
 DESIGNER
 KLL
 REVIEWER
 ALH 03/20/26
 PROJECT ID
 116550
 SHEET TOTAL
 019 | 166

GENERAL PROVISIONS

The Contractor is advised that there are several changes to the most recent edition of the City of Cincinnati Supplement dated January 1, 2023. These General Provisions include these changes. The Supplement and a Summary of Changes can be purchased or downloaded from the City's website: <http://www.cincinnati-oh.gov/dates/assets/Files/2023%20CITY%20SUPPLEMENT-FINAL.pdf>

Water main items are to be constructed in accordance with the provisions of the State of Ohio, Department of Transportation, Construction and Material Specifications, dated January 1, 2023, and modified by the City of Cincinnati Supplement to said State of Ohio Specifications, effective January 1, 2023, and any supplements or changes thereto. Copies of the State specifications are on file at the Office of Contract Sales of the State of Ohio, Department of Transportation, 1980 W. Broad St., Columbus, Ohio 43223, and at the offices of the City Engineer of Cincinnati, Ohio. Submittal of a bid for this project implies that the Contractor has taken all provisions of the Supplement into account.

The Greater Cincinnati Water Works (GCWW) understands that differing site conditions results in extra work/change orders to the project. Change orders on GCWW contracts will be done in strict accordance with Item 109.05 C of the State of Ohio Department of Transportation Construction and Material Specifications dated January 1, 2023 or most recent edition and as modified in this City of Cincinnati Supplement. GCWW limits the mark up on wages and fringe benefits as described in 109.05 C. 2. "Labor" to 30%. It is expressly understood that regardless of the nature of the claim, or change in scope of work, the Contractor is not entitled to compensation for loss of anticipated profit or production.

As defined in the City of Cincinnati Supplement, sections 107.07 and 107.071, the Contractor is required to submit, at the time of the pre-construction meeting, a Site Safety Plan. Furthermore, the Contractor shall have an authorized and competent safety representative assigned to the project site.

The Contractor is advised that he has certain responsibilities under Section 153.64 of The Ohio Revised Code. For all underground utilities, contact the Ohio Utilities Protection Service at 1-800-362-2764 (toll free) 48 hours in advance of work. The Contractor is advised that all utility information has been shown on the contract plans from information provided by the owner of each utility in compliance with Sec. 153.64 of the Ohio Revised Code. In cases where utility information is incorrect and it results in a change in the contract plans the Contractor shall first notify the owner of the utility to determine the necessary course of action. The Contractor shall submit any subsequent claims as a result of downtime or additional work to the owner of the conflicting utility. The GCWW will not accept claims for any utility other than those as a result of incorrect water main and related appurtenance information.

The Contractor must locate or "pat hole" all utilities within the alignment of the proposed main a minimum of 50 feet ahead of pipe laying. Test holes must be dug, or trench excavated, a minimum of 50 feet (15.2 m) in advance of pipe laying, to assure proper clearance between the water main and any utility crossing, or underground structure. All utilities and structures shall be suitably braced and supported. The Contractor shall understand that any obstructions encountered in the installation of the main, due to the failure of having 50 feet (15.2m) of trench excavated ahead of laying operations, may require removal and relaying of the pipe at the Contractor's expense. The GCWW will not accept a claim for different utility conditions encountered when test holes are not performed as required.

Item 1120, "Exploratory Excavation", shall not include excavations within the limits of the proposed trench as defined in 1101.04 and 1101.05. Test holes are required on all utilities within 50 feet of the last laid pipe. Test holes within the alignment of the proposed trench are included in the Contractor's unit bid for Item 1101. Locations to be explored will vary from areas within the roadway to areas outside of the roadway.

It is the nature of construction that unmarked utilities or utilities not shown on the plans may be encountered within the excavation for the proposed work. The contractor is responsible for identifying all utilities encountered within the excavation and removing any abandoned utilities as necessary for the work. If abandoned utilities are encountered that: are shown on the plans, are crossing the trench, or do not impede the excavation; no extra payment will be made to the contractor. Such work shall be included in the contractor's unit price bid for the appropriate "Item 1101 Furnishing & Laying Pipe and Fittings". If abandoned utilities are encountered that: are not shown on the plans, are along the length of the trench, and impede the excavation, such work will be paid via the contractor's unit price for "Item 202 Existing Pipe Removal".

Street pavement or sidewalk should not be disturbed for a distance of more than 200 Feet (61.0 m) ahead of the last laid pipe. Backfill shall be completed within 50 feet (15.2 m) of the last laid pipe. Temporary or permanent surface restoration must be installed within a distance of 200 feet (61.0 m) of the laid pipe, including those areas where main installations occur within a closed lane or closed street condition. Roadway plates may be used as a temporary measure for a period not to exceed 24 hours without the approval of the GCWW.

Any undermined pavement of more than 6 inches horizontal must be removed prior to starting trench backfill. If undermining of pavement occurs more than 1 foot, then pavement must be shored to protect traffic, or arrangements made for additional lane closures must be made. If problems continue to occur regarding trenching integrity, sheeting and bracing can be required by the City Engineer or the City Engineer's representative, at the contractor's expense. If any tunneling is necessary, adequate information shown in both plan and profile and tunneling procedures must be submitted to the City Engineer's Office prior to commencement of work.

The GCWW has made every effort to depict the pipe sewers and lateral information on the plans. The Contractor is advised that sewer laterals are shown in plan view only. The Contractor shall determine the elevation of the sewer laterals in advance of laying the water main at these crossings. If the sewer laterals require changing in order to avoid conflict with the water main, or if the Contractor encounters a pipe sewer or lateral in the excavation that was not shown on the plans and requires a change of grade or alignment due to the installation of the water main, the Contractor shall furnish all necessary labor, material, tools, and equipment required to change the grade or alignment of pipe sewers and laterals of various sizes, allowing installation of water mains and appurtenances as shown on the plans, or as directed by the GCWW Inspector. This work shall include all necessary excavation, backfill, and restoration. The Contractor will be compensated under Item 1123, "Changing Pipe Sewers 8 Inch and Under". When crossing sanitary and combination sewers, a vertical clearance of 18" must be maintained.

Notice of Confidentiality – Public Infrastructure Record

This Document is a Public Infrastructure Record of the City of Cincinnati and its Greater Cincinnati Water Works, and is not subject to the public disclosure requirements of the public records laws of the State of Ohio and federal government. This Document is being provided on the basis of your reported need, and shall be considered confidential. By accepting this Document, you agree that it will not be shared or otherwise disclosed to anyone other than persons who have a direct need to know for the sole purpose of carrying out the project for which this Document was obtained. Anyone receiving this Document is bound by the same confidentiality requirements and must take precautions to protect against its dissemination.

The failure to observe the confidentiality requirements of this Notice shall serve as the basis for the City of Cincinnati to immediately seek legal recourse, including the recovery of actual damages resulting from unauthorized access or disclosure of the Document.

1-800-362-2764



The Contractor is advised that due to the alignment of the proposed water main, it may be necessary to install a temporary valve box over an existing chambered valve that must remain in service during the water main installation as directed by the GCWW Inspector. The chamber shall be abandoned, a valve box (furnished by the contractor) placed over the valve, and upon project completion, the valve box must be removed. The contractor will not receive additional compensation for this work, but should include the cost of this work in his unit bid price for Item 1101, "Furnishing & Laying Ductile Iron Pipe and Fittings".

It is the Contractor's responsibility to provide adequate water supply for domestic and fire fighting purposes. In order to accomplish the water main connections with a minimum amount of inconvenience to the consumers, it may be necessary to do the work at other than normal working hours or as may be scheduled by the GCWW.

The Contractor is advised that the operating pressure of the existing water main within the limits of the subject project is approximately **50–60 P.S.I.**

In order to minimize the inconvenience of the consumers, the number of shutdowns required to do the proposed water main work shall be limited. Only one shutdown, limited to 8 hours, will be allowed during a 24 hour period.

All water service branches have a minimum cover of 3.0 feet.

The Contractor is advised that it shall be necessary to install temporary Plug/caps on the existing and proposed water mains in order to maintain service during testing and water main and branch connections. These temporary Plug shall be furnished by the contractor. He is responsible for their proper installation. The cost for this work shall be included in the Contractor's unit bid price for the appropriate Item 1101, "Furnishing & Laying Ductile Iron Pipe and Fittings".

The Contractor is required to excavate and expose the existing utilities and existing water mains along the line of the proposed water main and all proposed connection points to verify location, diameter, line and grade. Also, if the removal of the bulkhead or plug is required all excavation and temporary/permanent restoration shall be compensated under the Contractor's unit bid price for Item 1101, "Furnishing & Laying Ductile Iron Pipe and Fittings".

The Contractor is advised that all C.J. Plug are to be restrained with a Field Lok Gasket and all M.J. caps are to be restrained using a M.J.R.G.. This includes temporary Plug and caps for testing purposes. When a temporary plug is used, the contractor is permitted to remove the plug by cutting the section of pipe containing the plug and using a solid sleeve at that point to complete the tie-in. In the event that a cap is used, the contractor shall remove the M.J.R.G. and cap before completing the tie-in.

The Contractor is advised that on any fire hydrant required to be relocated with this project, all bolt assemblies shall be replaced. The cost for this work shall be included in the unit bid price for Item 1113 "Relocating Existing Fire Hydrants". No part of any fire hydrant setting shall be installed closer than five feet to any driveway, inlet, utility pole or guy wire anchor. No part of any fire hydrant setting shall be installed closer than five feet to any driveway, inlet, utility pole or guy wire anchor. Contractor shall provide all labor, material, equipment and traffic control to test fire flow on all fire hydrants included in this water main replacement project in accordance with the fire hydrant flow testing scope included with the bid documents. If necessary, existing adjacent hydrants may need to be included in the fire hydrant testing. The need to test existing hydrants will be determined by the GCWW inspector.

Item 1111, "Water Works Valve Chambers", shall also cover the furnishing and installing of Precast Reinforced Concrete Chambers in accordance with O.D.O.T. Specification 706.13. All pertinent provisions of this item and GCWW Standard Drawing No. 104-1A shall apply. Precast chambers shall be used in all locations where space permits and as directed by the GCWW.

Air cocks may be necessary for the proper operation of the water system. The Air Release Assembly, which may not be shown on the drawing, will be furnished and installed by the Contractor per the detail on these plans, if required by the GCWW.

It shall be the Contractor's responsibility to arrange for the removal and replacement of any poles and guys necessary for the installation of the proposed water mains, and any cost connected thereto shall be at his expense.

All pipe and specials shall be in accordance with City of Cincinnati Specification 40-110-16.

All procured water main and appurtenance materials, other than those furnished through the GCWW must be properly certified; certified for GCWW Inspection; or already inspected by the GCWW. Pipe, fittings, valves and fire hydrants must be GCWW inspected and stamped materials.

The Contractor should be advised that all Fittings (Bends, Offset Bends, Tees, Crosses, Sleeves, Caps and Plug) supplied for this job may be either ANSI/AWWA C-110 Full-body Ductile Iron, Cement Lined Fittings or ANSI/AWWA C-153 Compact Ductile Iron, Fusion Bonded Epoxy Coated Fittings in accordance with City of Cincinnati, Department of Purchasing, Standard Specification No. 40-110-12 for Pipe and Fittings Water, Ductile Iron 3" to 60". All fittings are subject to inspection and approval by appropriate GCWW Inspection personnel. Minor pinholes and abrasions to epoxy coated valves and fittings are to be repaired using 3M Hot Melt Patch Compounds (H.M.P.C.) in the stick form. Repair procedures shall be in accordance with the General Application Steps identified for the H.M.P.C. All repairs to epoxy coated fittings are subject to inspection and approval by appropriate GCWW Inspection personnel.

All rejected material, including pipe and fittings, shall be removed from the project site immediately.

The Contractor must maintain access to sidewalks at all times. Storage of any materials within the public Right of Way, including sidewalks, is not permitted unless approved by GCWW, the Project Engineer, or as indicated on the approved plans.

All copper tubing shall be type "K" of a standard nominal size: 3/4", 1", 1-1/2" and 2". All fittings will have copper flare type connections and shall be in accordance with City of Cincinnati Specification No. 40-113-05.

The contractor shall furnish the necessary certifications for branch material.

All proposed water mains will be hydrostatically tested for leakage in accordance with 1101.054, "Hydrostatic Test for Leakage", of the appropriate Item 1101, "Furnishing & Laying Ductile Iron Pipe and Fittings".

The Contractor will be responsible for filling, flushing, and pressure testing new water mains, 20" or smaller. The contractor will provide all labor, material and equipment (including the necessary pumps to apply the pressure test). The Water Works will provide the necessary meter and gauge. All costs for this work shall be included in the contractor's unit bid price for Item 1101, "Furnishing & Laying Ductile Iron Pipe and Fittings". Once the filling and pressure testing are completed, the Contractor will be responsible for flushing the proposed water main and the GCWW will be responsible for bacteria sampling. The GCWW will be responsible for filling, pressure testing and flushing new water mains greater than 20".

The Contractor is responsible for all pipe sewers disturbed in the completion of this project. In the event it becomes necessary to repair or replace existing pipe sewers, the Contractor must notify Sewer Maintenance, (513)244-1369, before proceeding with the work.

The Contractor is advised that his unit bid prices for the appropriate Item 1101, "Furnish & Install Pipe and Fittings", includes final restoration of all disturbed surfaces. The GCWW will not make full compensation under Item 1101 until final restoration is complete.

"All valve and air release box assemblies shall be domestically manufactured.

All box assemblies for 12-inch and smaller gate valves and 1-inch air releases shall be either Tyler Union Series 6850, EJ Series 8500, or Bingham & Taylor Series 4905, or GCWW approved equal. Box assemblies for these applications require a frost plug and "BOXLOK."

All box assemblies for 16-inch and above butterfly or gate valves and 2-inch air releases shall be EJ Series 460, or GCWW approved equal. Box assemblies for these applications require a frost plug.

All costs associated with adherence to these requirements shall be included in the Contractor's unit bid price for Item 1116 – Furnishing and Installing Valve Box Complete.

SUGGESTED BILL OF MATERIAL

FURNISHED BY CONTRACTOR

5	EACH	6" Ductile Iron Pipe, C.J. Th. Cl. 55, 20' Lengths
2	EACH	8" Ductile Iron Pipe, C.J. Th. Cl. 55, 20' Lengths
28	EACH	16" Ductile Iron Pipe, C.J. Th. Cl. 56, 20' Lengths
6	EACH	Polyethylene Flattened Tube, 4 Mil Thickness Cross-Laminated 16" Wide x 20' Long
3	EACH	Polyethylene Flattened Tube, 4 Mil Thickness Cross-Laminated 20" Wide x 20' Long
31	EACH	Polyethylene Flattened Tube, 4 Mil Thickness Cross-Laminated 34" Wide x 20' Long
8	EACH	Rolls Polyethylene Tape w/Adhesive 1 1/2" Width, 100' Length
2	EACH	16" 11.25' Bend, 2MJ
1	EACH	8" 22.5' Bend, 2MJ
1	EACH	8" 45' Bend, 2MJ
19	EACH	16" 45' Bend, 2MJ
2	EACH	6" 90' Bend, 2MJ
1	EACH	6" Cap, MJ (Temporary)
4	EACH	16" Cap, MJ (Temporary)
3	EACH	12" Cap, MJ (Temporary)
2	EACH	6" Plug, MJ (Temporary)
1	EACH	6" Plug, MJ (Permanent)
1	EACH	8" Solid Sleeve, 2MJ
5	EACH	16" Solid Sleeve, 2MJ
2	EACH	6" Solid Sleeve, DP
3	EACH	16" Transition Pipe Coupling
4	EACH	16" x 6" Tee, 2MJ x Fig.
1	EACH	16" x 8" Tee, 3MJ
4	EACH	6" Valve, Fig. x MJ
4	EACH	6" Flange Tyte Rubber Gasket
6	EACH	Valve Box Complete
6	EACH	Valve Box Frost Plug
6	EACH	Valve Box Box Lok
2	EACH	6" Fire Hydrant Extension (6" Long)
1	EACH	6" Fire Hydrant Extension (24" Long)
13	EACH	6" M.J.R.G.
8	EACH	8" M.J.R.G.
68	EACH	16" M.J.R.G.
2	EACH	6" Field Lok Gasket
18	EACH	16" Field Lok Gasket

FURNISHED BY GCWW

1	EACH	16" Valve, 2MJ
---	------	----------------

FURNISHED BY SILVERTON

1	EACH	6" Fire Hydrant, MJ
---	------	---------------------

***Note: Contractor shall verify the size and material of each service branch at the property line prior to installing branch. Cost for this work to be included in Item 1126—"Furnishing and Installing Copper Service Pipe w/ Aqua Shield".

The materials listed are only suggested for use during the water main and branch relocation work as proposed on the drawings. The contractor shall furnish additional material where needed. No allowance will be made for unused material nor will any extra payment be made for additional specials required to complete the water main work. Before ordering material the contractor is responsible for making his own field measurements and for field verifying the O.D. of existing water mains where sleeves and pipe couplings are involved.

Note 1:
Valves furnished by the contractor shall be; American Resilient Wedge Gate Valve Series 2500, U.S. Pipe Metrosael Gate Valve, Kennedy Valve Ken Seal II Resilient Gate Valve, Clow F-6100 Series Resilient Wedge Gate Valve, Mueller 2360 Resilient Wedge Gate Valve.

Note 2:
Low-Lead Brass Material Requirements:
All components in contact with water shall be fabricated from Sebiloy II or Federalloy I-836 alloys or a material approved by the Engineer. All components that do not come in contact with water shall comply with the requirements of ASTM B 62 Copper Alloy Number. Coated or washed metals are not acceptable if their lead levels exceed .25% by weight prior to the coating or washing process. All service fittings and materials shall be certified as suitable for contact with drinking water by an accredited certification organization in accordance with ANSI/NSF Standard 61, Drinking Water Systems Components – Health Effects. All service fittings shall either be stamped or embossed with the letter "NL", to indicate "No-Lead", or marked to indicate that the product is manufactured from the low-lead alloys.

Note 3:
Special Note on Service Pipe in Corrosive Soils:
Service tubing is to be soft K Copper manufactured to the requirements of ASTM B88. Service tubing coating shall have NOVA Polyethylene LLDP extrusion resin PP-0118-F coating to meet minimum of .026 mil thickness containing UV inhibitors. Service tubing shall have identification & traceability on both copper & plastic continuously line-marked with tube contents, ASTM specification, size, & descending footage. Unique lot number printed on both copper & plastic allowing product to be traced back to origin and time of manufacturing. Service tubing shall be Aqua Shield as manufactured by KAMCO Products Inc. or approved equal.

Note 4:
Mechanical Joint Restrain Gland (MJRG):
All mechanical joint restraint glands furnished by the contractor shall be any of the following:
EBAA--Megalug
TYLER/UNION--Tufgrip
STAR--Stargrip
FORD--Uni-Flange Series 1400

All products shall be domestically manufactured.

SERVICE BRANCH MATERIAL

(FURNISHED BY CONTRACTOR)

287	LIN FT	3/4" Copper Service Pipe (w/Aquashield)
35	LIN FT	1" Copper Service Pipe (w/Aquashield)
53	LIN FT	1.5" Copper Service Pipe (w/Aquashield)
33	LIN FT	2" Copper Service Pipe (w/Aquashield)
4	EACH	3/4" Ferrule
1	EACH	1.5" Ferrule
1	EACH	2" Ferrule
8	EACH	3/4" Insulating Coupling
1	EACH	1" Insulating Coupling
2	EACH	1.5" Insulating Coupling
2	EACH	2" Insulating Coupling
4	EACH	3/4" x 5/8" Copper to Lead Coupling
8	EACH	3/4" Stop Cock
1	EACH	1" Stop Cock
2	EACH	1.5" Stop Cock
2	EACH	2" Stop Cock
9	EACH	Curb Box
4	EACH	Roadway Box

AIR RELEASE MATERIAL

(FURNISHED BY CONTRACTOR)

4	EACH	Valve Box Complete
4	EACH	Valve Box Frost Plug
1	EACH	1" Ferrule
3	EACH	2" Ferrule
4	LIN. FT.	1" Copper Service Pipe
12	LIN. FT.	2" Copper Service Pipe
1	EACH	1" Blow Off Ball Valve Assembly
3	EACH	2" Blow Off Ball Valve Assembly

Water plans updated

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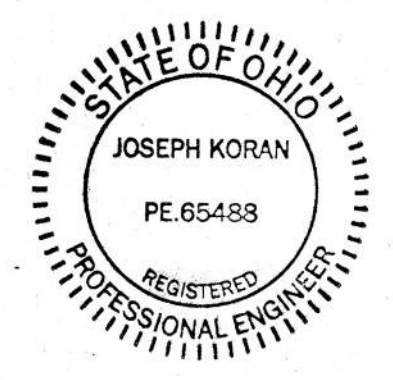
PLAINFIELD RD. AT MONTGOMERY RD. STIMP

APPROVED: **WW004683 / 4-4181 / MF-17058**

John R. Ke 3/17/26
GCWW SUPERVISING ENGINEER - DESIGN DATE

James 3/18/26
GCWW PRINCIPAL ENGINEER - SYSTEM FACILITIES DATE

Haishan Piao 3/19/26
GCWW CHIEF ENGINEER DATE

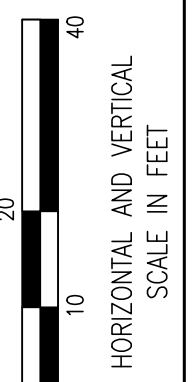


OhioEPA Ohio Environmental Protection Agency "Self-Certification" letter required prior to the start of construction.

OEPA CERTIFICATION EXEMPT

NON - EXEMPT

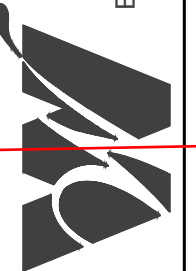
John R. Ke 3/17/26
OEPA REVIEW DATE



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D.L.

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GREATER CINCINNATI
WATER WORKS
ENGINEERING DIVISION/DESIGN SECTION
3815 EASTERN AVENUE, CINCINNATI, OHIO 45226



SUGGESTED BILL OF MATERIAL
G.C.W.W. SPECIAL PROVISIONS

4-4181
WW004683
MF-17058

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GENERAL SUMMARY							
ODOT ITEM	ODOT ITEM NUMBER AND/OR EXTENSION	PROJECT COST	GCWW COST	TOTAL QUANTITY	UNITS	DESCRIPTION	GCWW SPEC. NUMBER
SPECIAL	638E11602	15	78	93	LIN. FT.	FURNISHING AND LAYING 6" DUCTILE IRON PIPE AND FITTINGS (CIN. 1101)	1101
SPECIAL	638E11604	0	27	27	LIN. FT.	FURNISHING AND LAYING 8" DUCTILE IRON PIPE AND FITTINGS (CIN. 1101)	1101
SPECIAL	638E11610	30	565	595	LIN. FT.	FURNISHING AND LAYING 16" DUCTILE IRON PIPE AND FITTINGS (CIN. 1101)	1101
SPECIAL	638E98100	0	1	1	TON	HAULING WATER WORKS MATERIAL (CIN. 1102)	1102
SPECIAL	638E20878	0	1	1	EACH	FURNISHING AND INSTALLING 6" PLUG IN EXISTING WATER MAIN AND FITTINGS (CIN. 1105)	1105
SPECIAL	638E98000	0	14	14	LIN. FT.	FURNISHING AND INSTALLING 3-1/2" THICK FOAMGLAS INSULATION (CIN. 1106)	1106
SPECIAL	602E20001	8	22	30	CU. YD.	CONCRETE, CLASS C (CIN. 1110)	1110
SPECIAL	638E98000	0	3	3	EACH	FIRE HYDRANT FLOW TESTING (NEW) (CIN. 1112)	1112
SPECIAL	638E98000	0	1	1	EACH	*FIRE HYDRANT FLOW TESTING (EXISTING) (CIN. 1112)	1112
SPECIAL	638E10200	0	1	1	EACH	HAULING AND INSTALLING FIRE HYDRANT (CIN. 1112)	1112
SPECIAL	638E10500	1	1	2	EACH	RELOCATING EXISTING FIRE HYDRANT (CIN. 1113)	1113
SPECIAL	638E10480	0	1	1	EACH	REMOVING FIRE HYDRANT (CIN.1114)	1114
SPECIAL	638E20762	1	1	2	EACH	FURNISHING AND INSTALLING FIRE HYDRANT EXTENSION, 6" LONG (CIN. 1115)	1115
SPECIAL	638E20762	0	1	1	EACH	FURNISHING AND INSTALLING FIRE HYDRANT EXTENSION, 24" LONG (CIN. 1115)	1115
SPECIAL	638E20498	1	5	6	EACH	FURNISHING AND INSTALLING VALVE BOX, COMPLETE (CIN. 1116)	1116
SPECIAL	638E20742	0	1	1	EACH	FURNISHING AND INSTALLING VALVE BOX W/1" AIR RELEASE COMPLETE (CIN. 1116)	1116
SPECIAL	638E20746	0	3	3	EACH	FURNISHING AND INSTALLING VALVE BOX W/2" AIR RELEASE COMPLETE (CIN. 1116)	1116
SPECIAL	203E10001	5	5	10	CU. YD.	*ADDITIONAL EXCAVATION (CIN. 1119)	1119
SPECIAL	203E10001	5	5	10	CU. YD.	*EXPLORATORY EXCAVATION (CIN. 1120)	1120
SPECIAL	638E98000	0	1	1	EACH	REMOVING EXISTING MANHOLE CURB AND COVER (CIN. 1122)	1122
SPECIAL	638E98000	0	8	8	EACH	REMOVING EXISTING VALVE BOX (CIN. 1122)	1122
SPECIAL	638E98600	5	5	10	LIN. FT.	*CHANGING 8" AND UNDER PIPE SEWER (CIN. 1123)	1123
SPECIAL	638E98600	5	5	10	LIN. FT.	*CHANGING 10" THRU 24" PIPE SEWER (CIN. 1123)	1123
SPECIAL	638E20500	62	0	62	EACH	RESETTING EXISTING VALVE BOX, COMPLETE (CIN. 1125)	1125
SPECIAL	638E20804	171	101	272	LIN. FT.	FURNISHING AND INSTALLING 3/4" COPPER SERVICE PIPE W/ AQUA SHIELD (CIN. 1126)	1126
SPECIAL	638E20824	33	0	33	LIN. FT.	FURNISHING AND INSTALLING 1" COPPER SERVICE PIPE W/ AQUA SHIELD (CIN. 1126)	1126
SPECIAL	638E20844	73	16	89	LIN. FT.	FURNISHING AND INSTALLING 1-1/2" COPPER SERVICE PIPE W/ AQUA SHIELD (CIN. 1126)	1126
SPECIAL	638E20864	15	18	33	LIN. FT.	FURNISHING AND INSTALLING 2" COPPER SERVICE PIPE W/ AQUA SHIELD (CIN. 1126)	1126
SPECIAL	638E98000	0	7	7	BRANCH	LEAD SERVICE LINE REPLACEMENT (CIN. 1126)	1126
SPECIAL	638E20904	9	5	14	EACH	FURNISHING AND INSTALLING CURB AND ROADWAY BOX (RENEW) (CIN. 1131)	1131
SPECIAL	638E20904	0	7	7	EACH	*FURNISHING AND INSTALLING CURB AND ROADWAY BOX (CIN. 1131)	1131
SPECIAL	638E20902	21	0	21	EACH	RESETTING EXISTING CURB AND ROADWAY BOX (CIN. 1132)	1132
SPECIAL	638E98000	1	0	1	EACH	RESETTING EXISTING 5/8" FROST-PROOF METER SETTING (CIN. 1135)	1135
SPECIAL	638E98000	1	0	1	EACH	REMOVING CURB AND ROADWAY BOX (CIN. 1138)	1138
202	638E98600	0	100	100	LIN. FT.	*STREET CAR RAILS (REMOVED) (CIN. 202)	202
202	638E98600	0	50	50	LIN. FT.	*EXISTING PIPE REMOVAL (CIN. 202)	202
509	509E25000	928	2427	3355	POUND	REINFORCING STEEL	509
602	602E98200	1	1	2	CU. YD.	*BRICK MASONRY	602
SPECIAL	611E99654	2	0	2	EACH	ADJUST EXISTING VALVE CHAMBER TO GRADE (CIN. 604)	604
SPECIAL	638E11500	1	1	2	MBF	*SHEETING AND BRACING ORDERED LEFT IN PLACE	637

* CONTINGENCY

Water plans updated

NOTICE OF CONFIDENTIALITY - PUBLIC INFRASTRUCTURE RECORD

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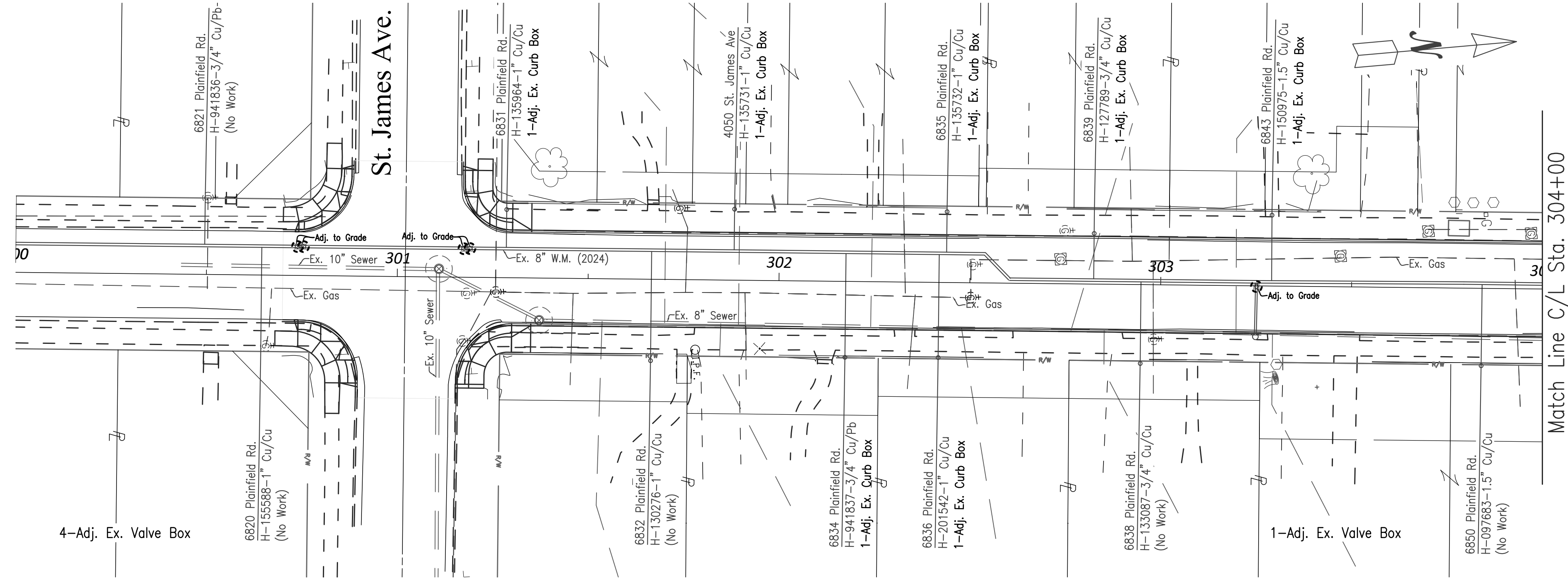
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MF-17058

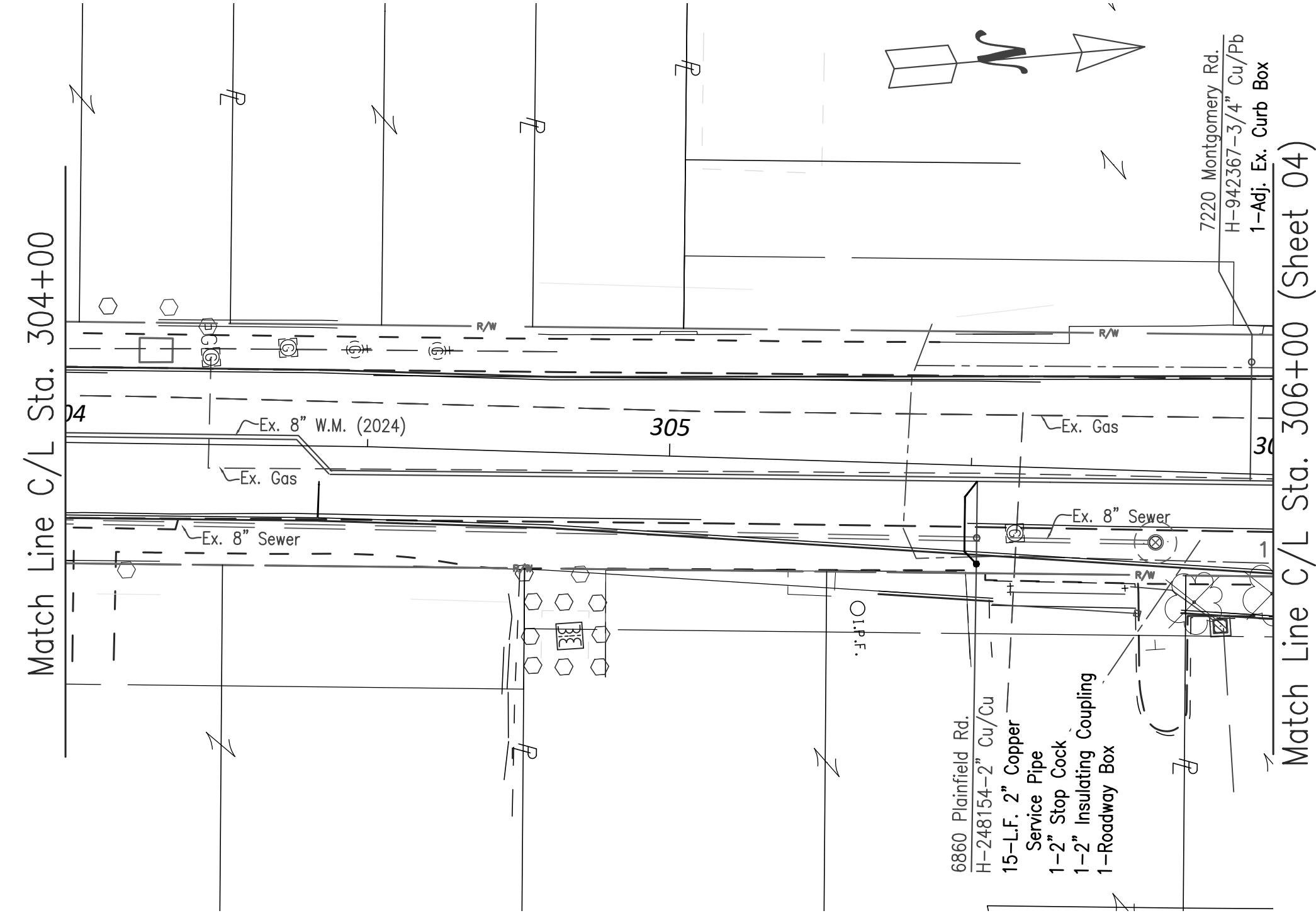
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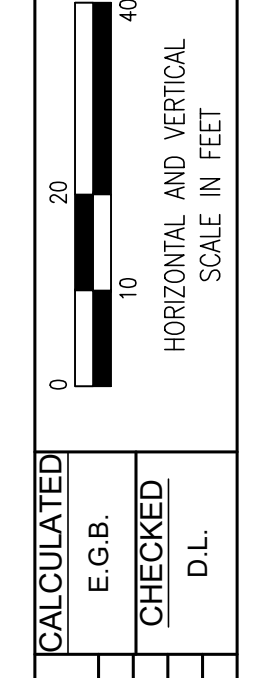
Plainfield Rd.



Plainfield Rd.

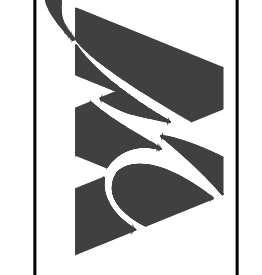


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**PLAINFIELD RD.
 PLAN**

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 WW004683
 MF-17058

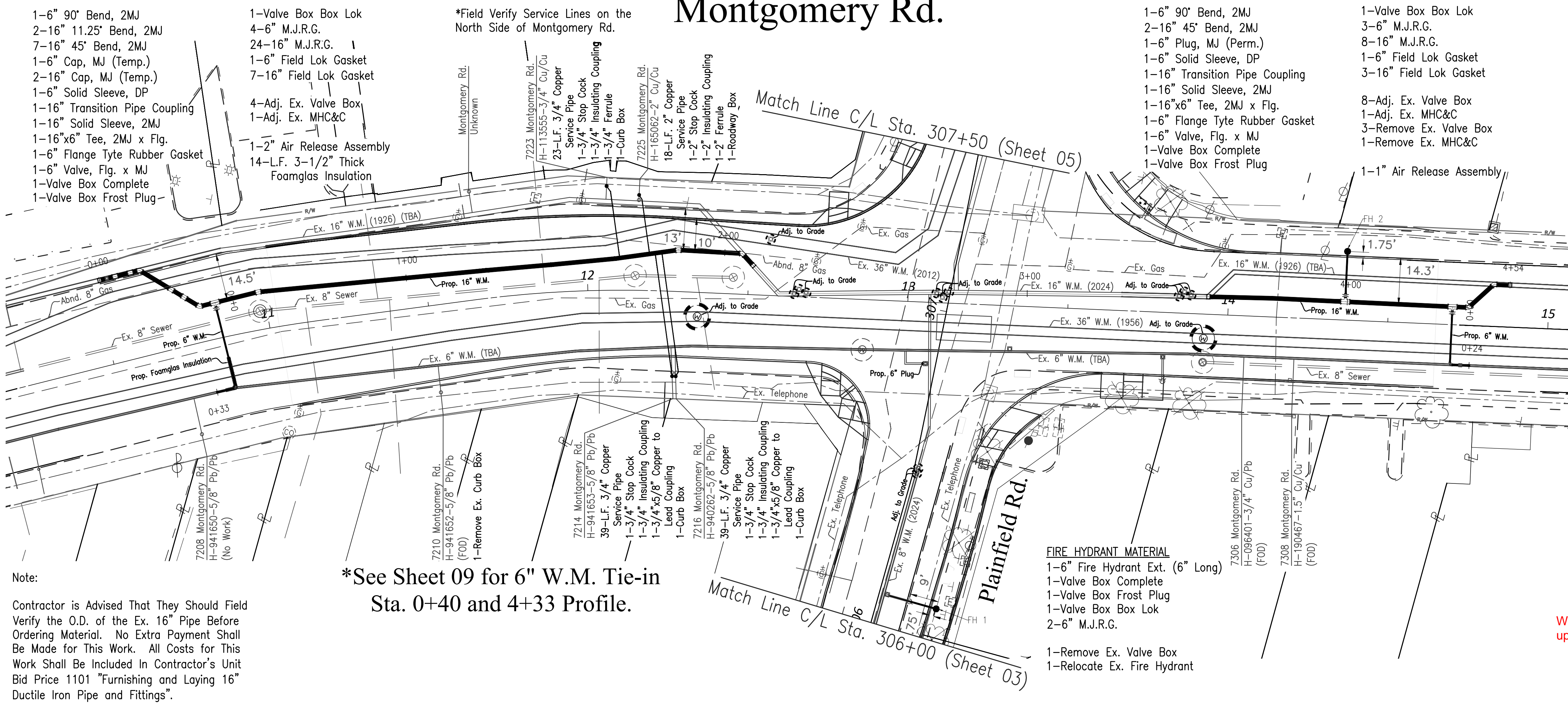
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Montgomery Rd.



- 1-6" 90° Bend, 2MJ
- 2-16" 11.25' Bend, 2MJ
- 7-16" 45' Bend, 2MJ
- 1-6" Cap, MJ (Temp.)
- 2-16" Cap, MJ (Temp.)
- 1-6" Solid Sleeve, DP
- 1-16" Transition Pipe Coupling
- 1-16" Solid Sleeve, 2MJ
- 1-16"x6" Tee, 2MJ x Fig.
- 1-6" Flange Tyte Rubber Gasket
- 1-6" Valve, Fig. x MJ
- 1-Valve Box Complete
- 1-Valve Box Frost Plug

- 1-Valve Box Box Lok
- 4-6" M.J.R.G.
- 24-16" M.J.R.G.
- 1-6" Field Lok Gasket
- 7-16" Field Lok Gasket
- 4-Adj. Ex. Valve Box
- 1-Adj. Ex. MHC&C
- 1-2" Air Release Assembly
- 14-L.F. 3-1/2" Thick Foamglas Insulation

*Field Verify Service Lines on the North Side of Montgomery Rd.

- 1-6" 90° Bend, 2MJ
- 2-16" 45' Bend, 2MJ
- 1-6" Plug, MJ (Perm.)
- 1-6" Solid Sleeve, DP
- 1-16" Transition Pipe Coupling
- 1-16" Solid Sleeve, 2MJ
- 1-16"x6" Tee, 2MJ x Fig.
- 1-6" Flange Tyte Rubber Gasket
- 1-6" Valve, Fig. x MJ
- 1-Valve Box Complete
- 1-Valve Box Frost Plug

- 1-Valve Box Box Lok
- 3-6" M.J.R.G.
- 8-16" M.J.R.G.
- 1-6" Field Lok Gasket
- 3-16" Field Lok Gasket
- 8-Adj. Ex. Valve Box
- 1-Adj. Ex. MHC&C
- 3-Remove Ex. Valve Box
- 1-Remove Ex. MHC&C

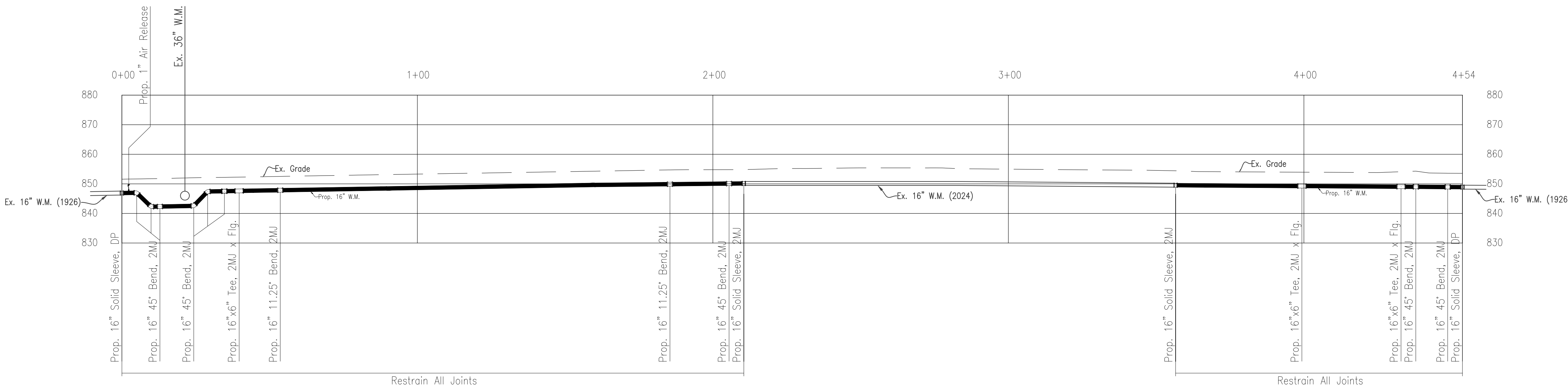
- FIRE HYDRANT MATERIAL**
- 1-16"x6" Tee, 2MJ x Fig.
 - 1-6" Valve, Fig. x MJ
 - 1-6" Flange Tyte Rubber Gasket
 - 1-6" Plug, MJ (Temporary)
 - 1-6" Fire Hydrant
 - 1-6" Fire Hydrant Ext. (6" Long)
 - 1-Valve Box Complete
 - 1-Valve Box Frost Plug
 - 1-Valve Box Box Lok
 - 2-6" M.J.R.G.
 - 2-16" M.J.R.G.

Note:
Contractor is Advised That They Should Field Verify the O.D. of the Ex. 16" Pipe Before Ordering Material. No Extra Payment Shall Be Made for This Work. All Costs for This Work Shall Be Included In Contractor's Unit Bid Price 1101 "Furnishing and Laying 16" Ductile Iron Pipe and Fittings".

*See Sheet 09 for 6" W.M. Tie-in Sta. 0+40 and 4+33 Profile.

- FIRE HYDRANT MATERIAL**
- 1-6" Fire Hydrant Ext. (6" Long)
 - 1-Valve Box Complete
 - 1-Valve Box Frost Plug
 - 1-Valve Box Box Lok
 - 2-6" M.J.R.G.
- 1-Remove Ex. Valve Box
1-Relocate Ex. Fire Hydrant

Water plans updated



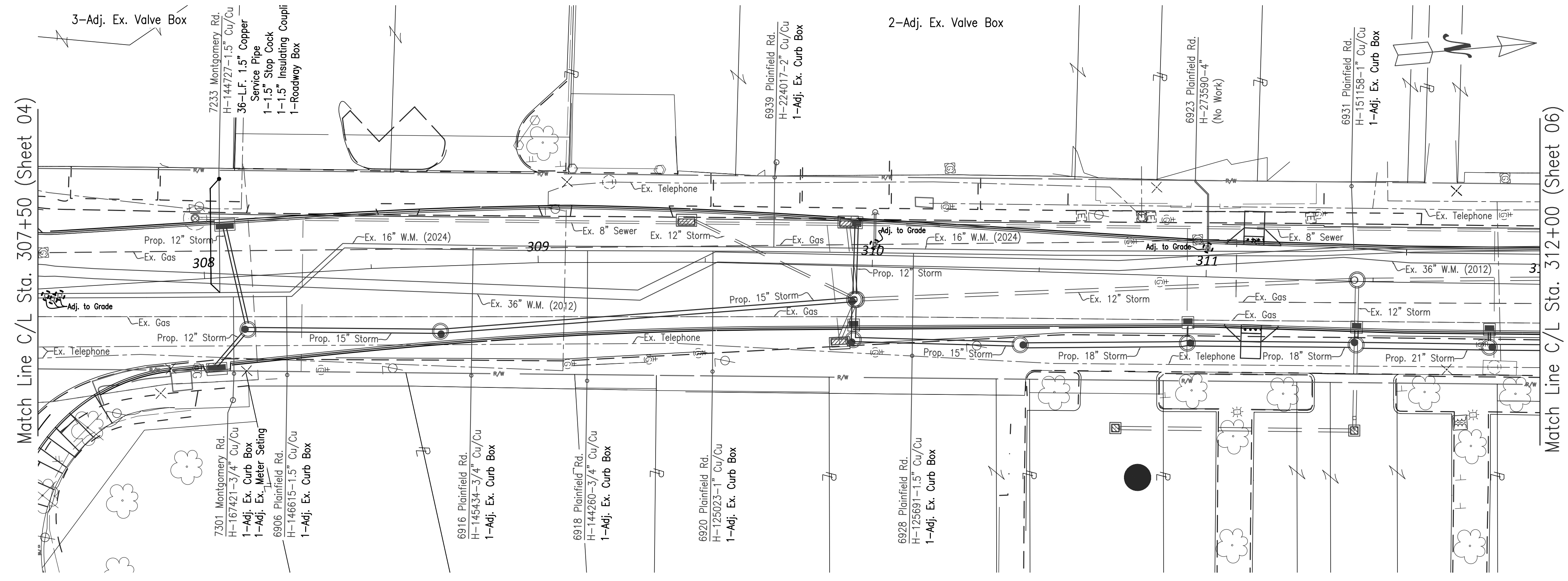
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MONTGOMERY RD. PLAN AND PROFILE		PLAINFIELD RD. AT MONTGOMERY RD. STIMP
04 09		CIP# 253347 / WW004683 / 4-4181 / MF-17058

Plainfield Rd.



Water plans updated

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GREATER CINCINNATI WATER WORKS
 ENGINEERING DIVISION / DESIGN SECTION
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PLAINFIELD RD. PLAN
 PLAINFIELD RD. AT MONTGOMERY RD. STIMP

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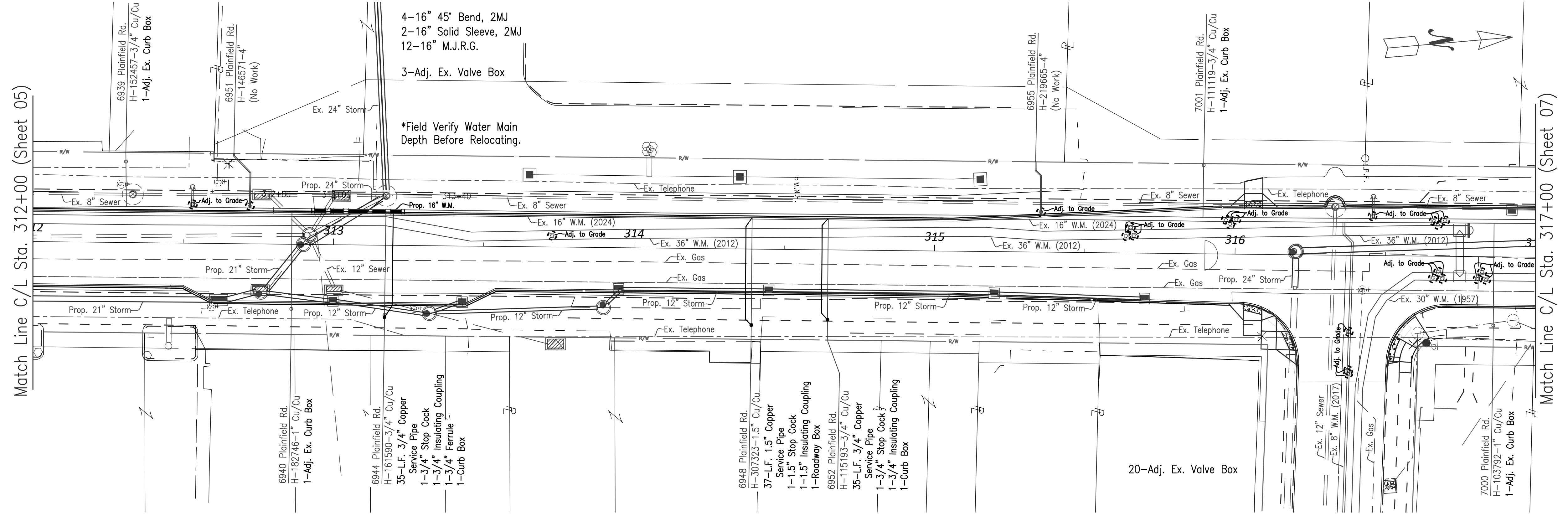
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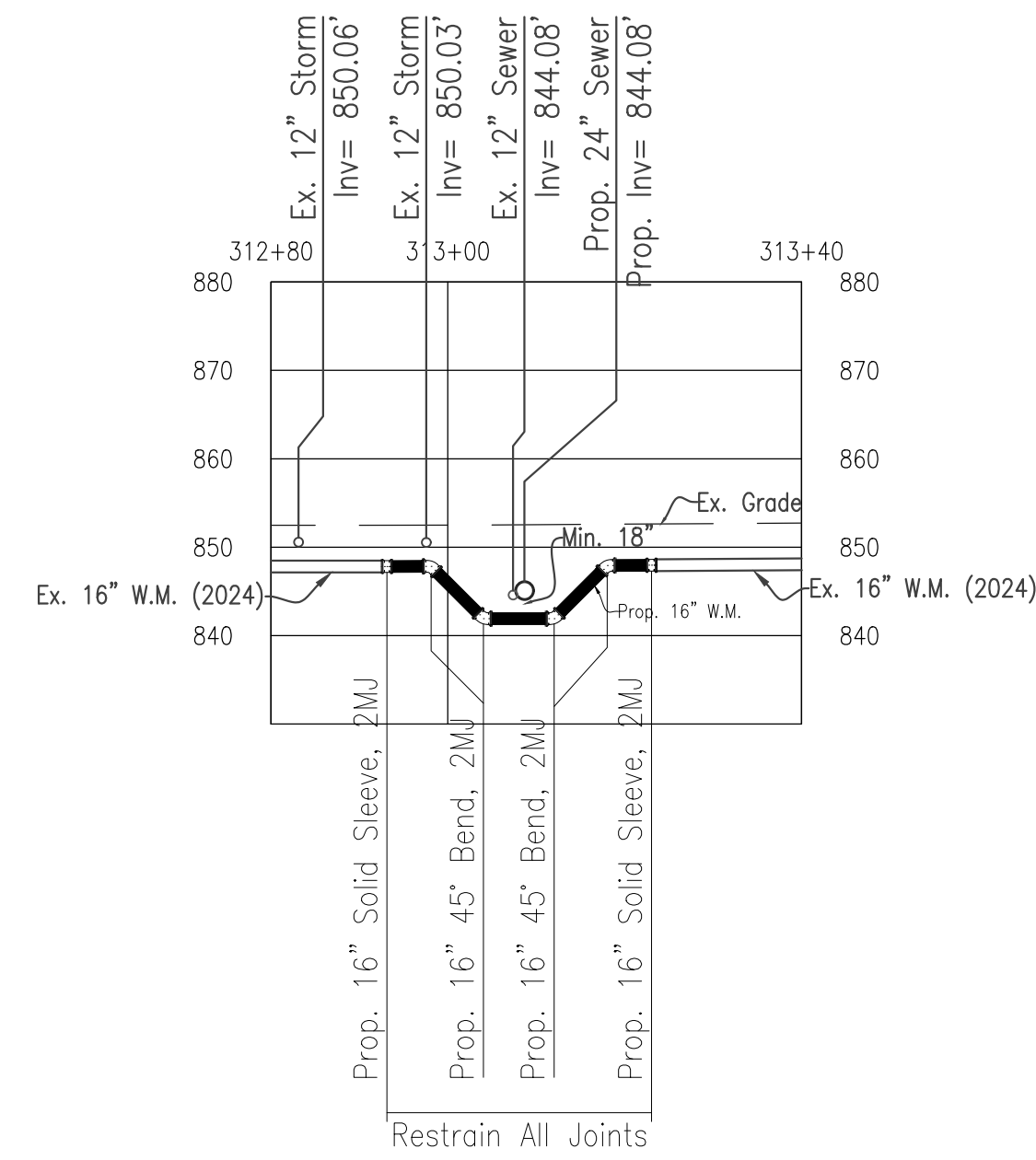
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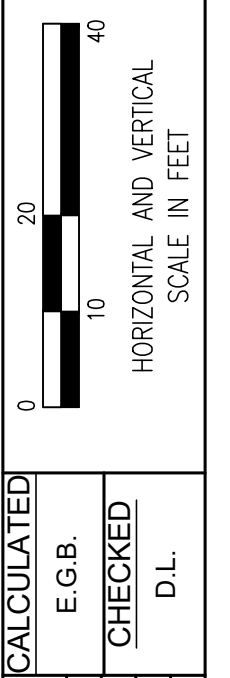
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*See Prop. Storm for Required Depth of Proposed Service Branches



Water plans updated



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PLAINFIELD RD. PLAN AND PROFILE

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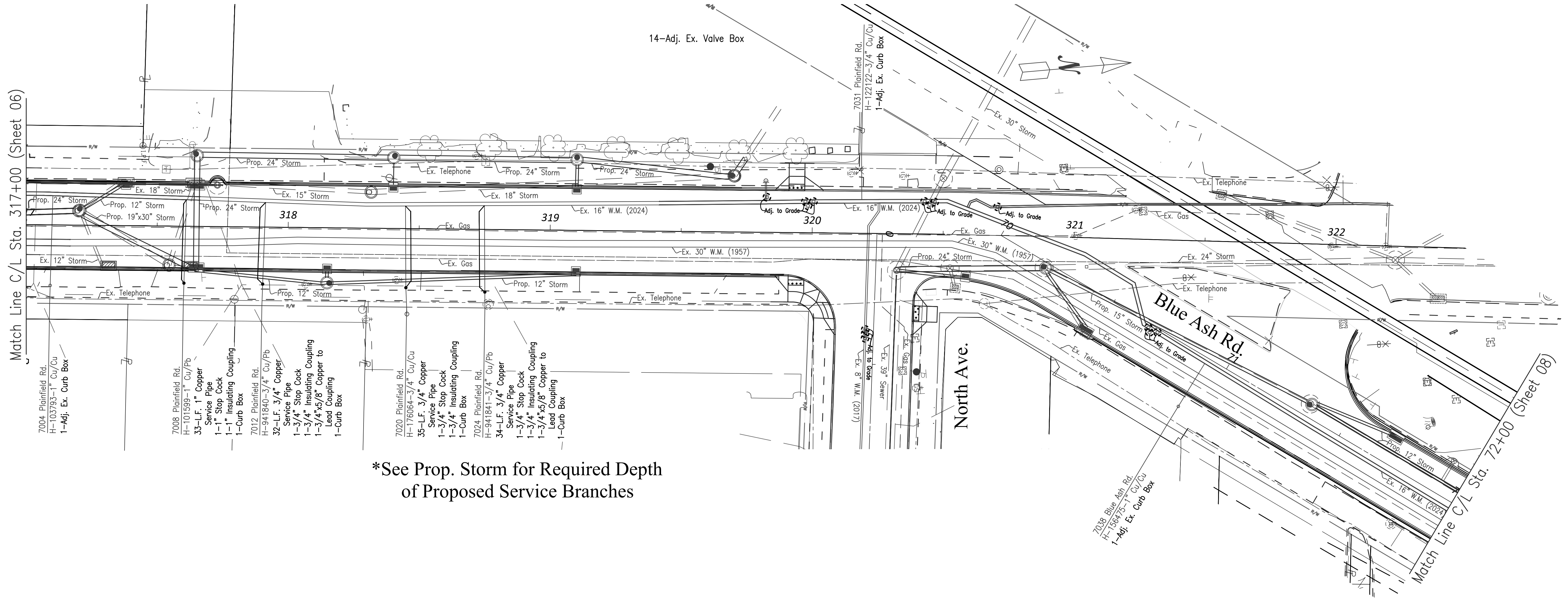
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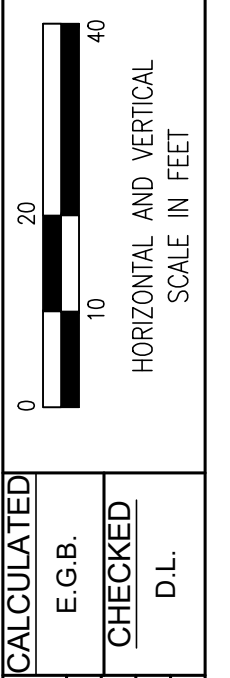
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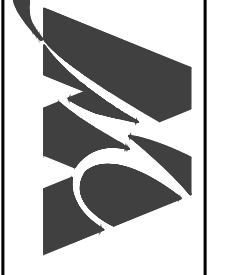
***See Prop. Storm for Required Depth of Proposed Service Branches**

Water plans updated



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WATER WORKS
 ENGINEERING DIVISION / DESIGN SECTION
 3845 EASTERN AVENUE, CINCINNATI, OHIO 45226



PLAINFIELD RD. & BLUE ASH RD.
PLAN

PLAINFIELD RD. AT MONTGOMERY RD. STUMP

4-4181
 WW004683
 MF-17058

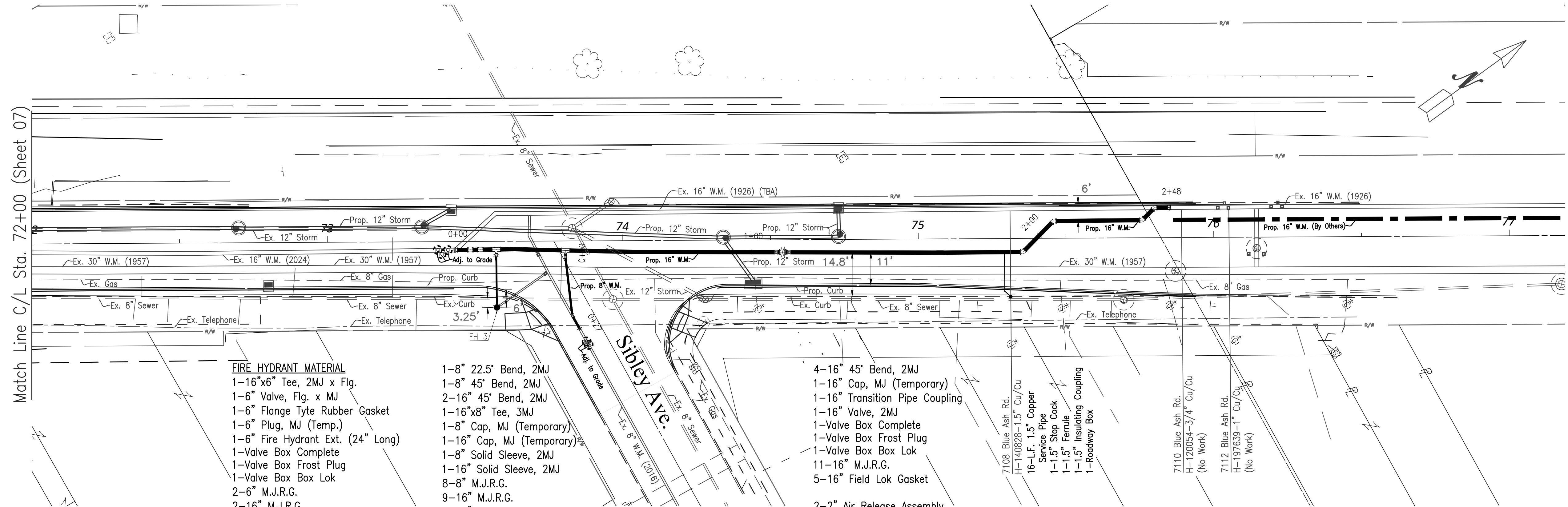
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NOTICE OF CONFIDENTIALITY - PUBLIC INFRASTRUCTURE RECORD

THIS DOCUMENT IS A PUBLIC INFRASTRUCTURE RECORD OF THE CITY OF CINCINNATI AND ITS GREATER CINCINNATI WATER WORKS, AND IS NOT SUBJECT TO THE PUBLIC DISCLOSURE REQUIREMENTS OF THE PUBLIC RECORDS LAWS OF THE STATE OF OHIO AND FEDERAL GOVERNMENT. THIS DOCUMENT IS BEING PROVIDED ON THE BASIS OF YOUR REPORTED NEED, AND SHALL BE CONSIDERED CONFIDENTIAL. BY ACCEPTING THIS DOCUMENT, YOU AGREE THAT IT WILL NOT BE SHARED OR OTHERWISE DISCLOSED TO ANYONE OTHER THAN PERSONS WHO HAVE A DIRECT NEED TO KNOW FOR THE SOLE PURPOSE OF CARRYING OUT THE PROJECT FOR WHICH THIS DOCUMENT WAS OBTAINED. ANYONE RECEIVING THIS DOCUMENT IS BOUND BY THE SAME CONFIDENTIALITY REQUIREMENTS AND MUST TAKE PRECAUTIONS TO PROTECT AGAINST ITS DISSEMINATION.

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Blue Ash Rd.

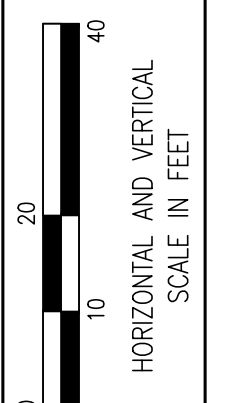


- FIRE HYDRANT MATERIAL**
- 1-16"x6" Tee, 2MJ x Flg.
 - 1-6" Valve, Flg. x MJ
 - 1-6" Flange Tyte Rubber Gasket
 - 1-6" Plug, MJ (Temp.)
 - 1-6" Fire Hydrant Ext. (24" Long)
 - 1-Valve Box Complete
 - 1-Valve Box Frost Plug
 - 1-Valve Box Box Lok
 - 2-6" M.J.R.G.
 - 2-16" M.J.R.G.

- 1-8" 22.5' Bend, 2MJ
- 1-8" 45' Bend, 2MJ
- 2-16" 45' Bend, 2MJ
- 1-16"x8" Tee, 3MJ
- 1-8" Cap, MJ (Temporary)
- 1-16" Cap, MJ (Temporary)
- 1-8" Solid Sleeve, 2MJ
- 1-16" Solid Sleeve, 2MJ
- 8-8" M.J.R.G.
- 9-16" M.J.R.G.
- 3-16" Field Lok Gasket

- 4-16" 45' Bend, 2MJ
- 1-16" Cap, MJ (Temporary)
- 1-16" Transition Pipe Coupling
- 1-16" Valve, 2MJ
- 1-Valve Box Complete
- 1-Valve Box Frost Plug
- 1-Valve Box Box Lok
- 11-16" M.J.R.G.
- 5-16" Field Lok Gasket
- 2-2" Air Release Assembly

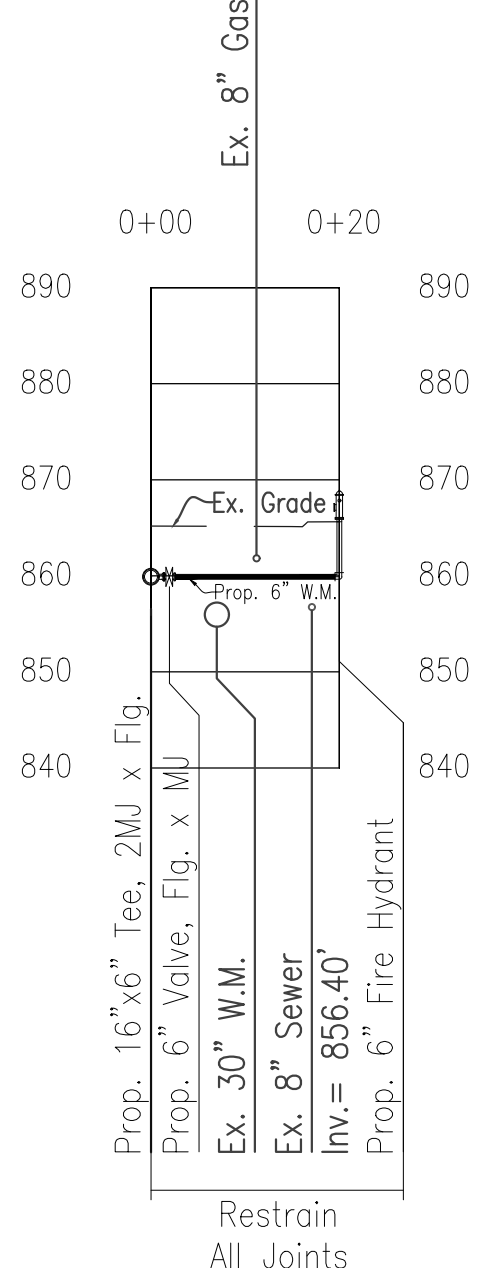
Note:
Contractor is Advised That They Should Field Verify the O.D. of the Ex. 16" Pipe Before Ordering Material. No Extra Payment Shall Be Made for This Work. All Costs for This Work Shall Be Included In Contractor's Unit Bid Price 1101 "Furnishing and Laying 16" Ductile Iron Pipe and Fittings".



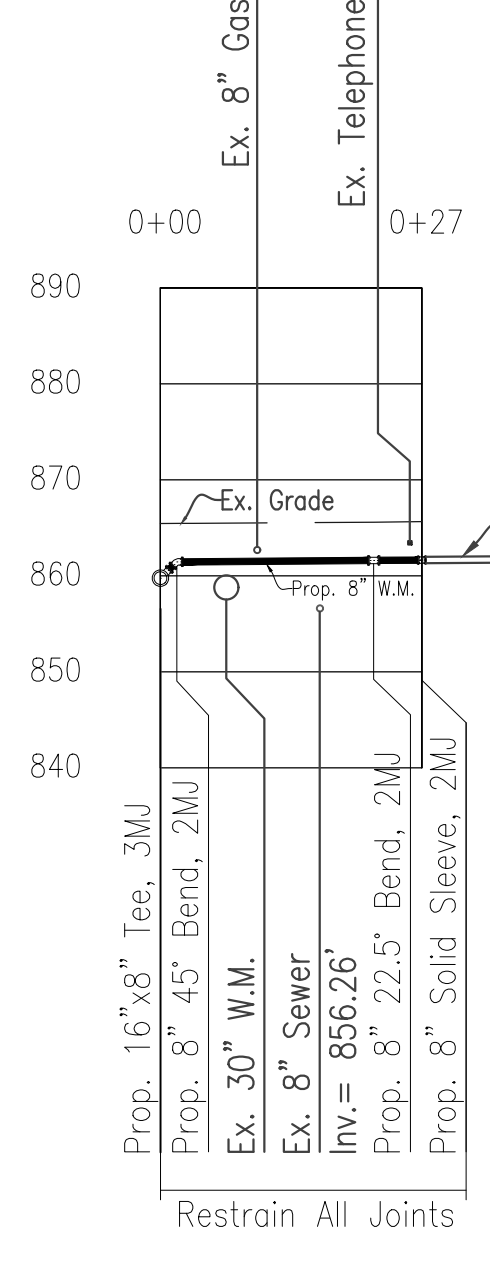
REVISIONS	CALCULATED
	E.G.B.
	CHECKED
	D.L.

GREATER CINCINNATI
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ENGINEERING DIVISION / DESIGN SECTION
3845 EASTERN AVENUE, CINCINNATI, OHIO 45226

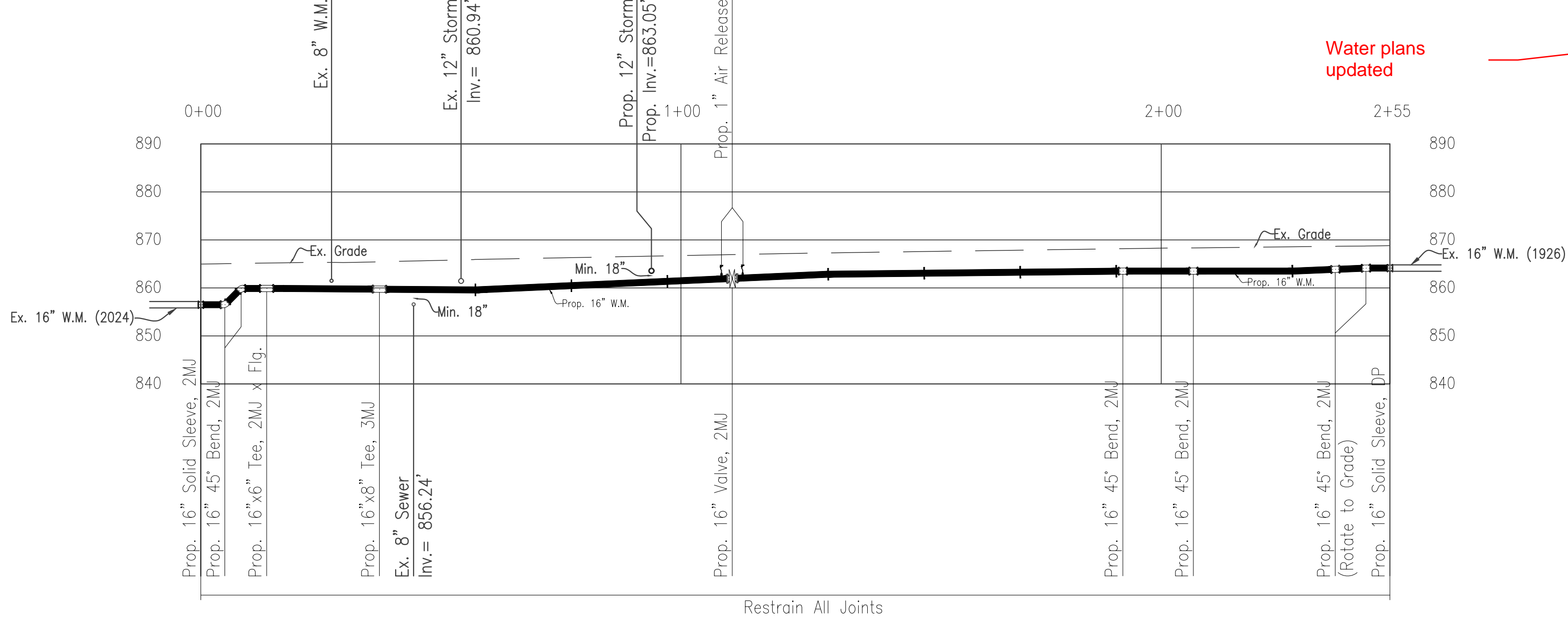
Blue Ash Rd.
(1st FH South of Sibley Ave.)



Sibley Ave.
(Looking North)



Blue Ash Rd.



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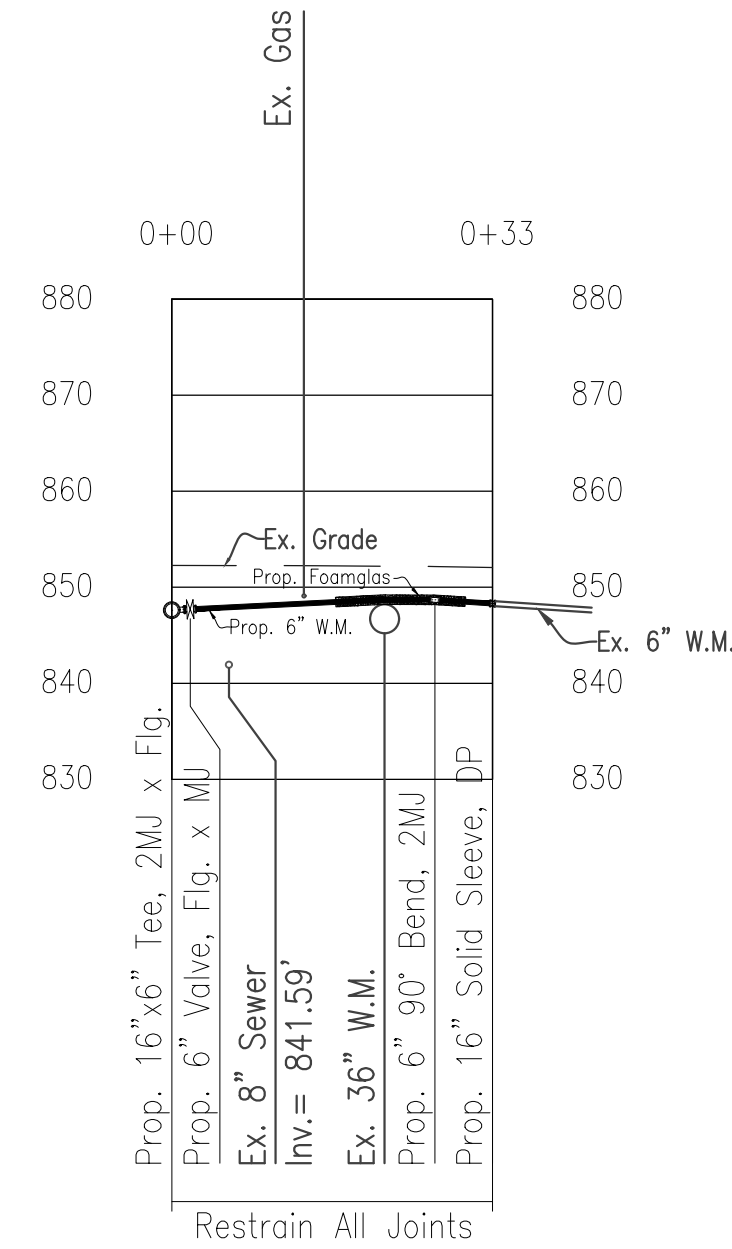
BLUE ASH RD.
PLAN AND PROFILE

4-4181
WW004683
MF-17058

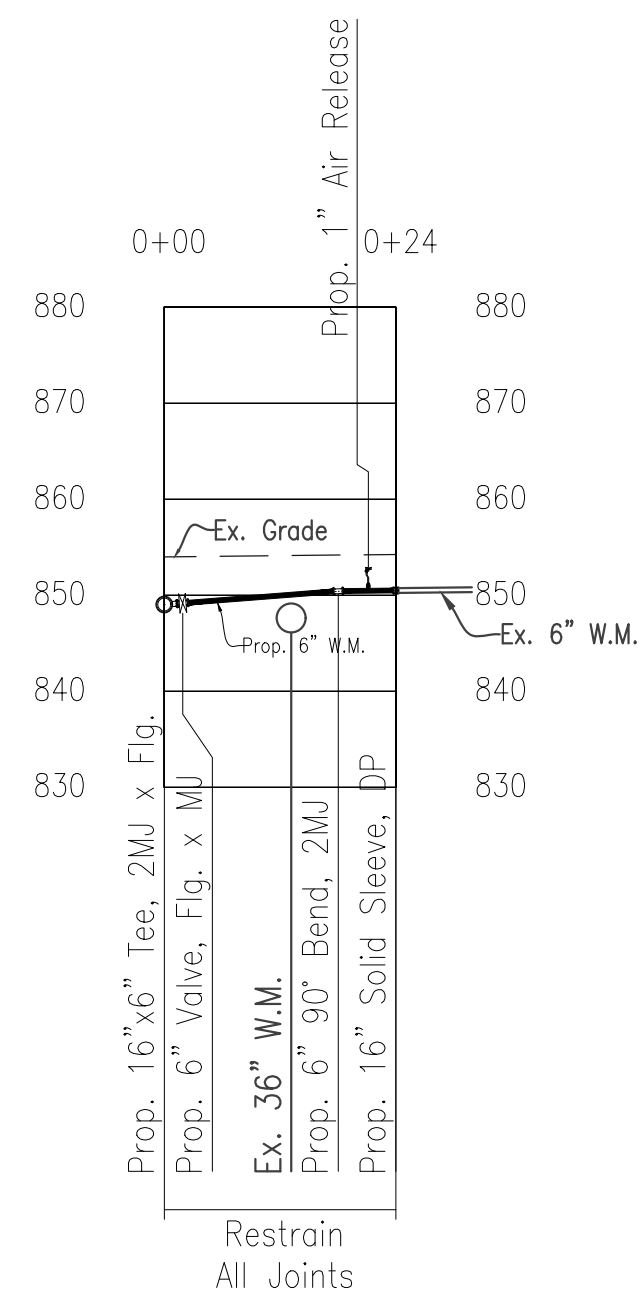
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PLAINFIELD RD. AT MONTGOMERY RD. STUMP

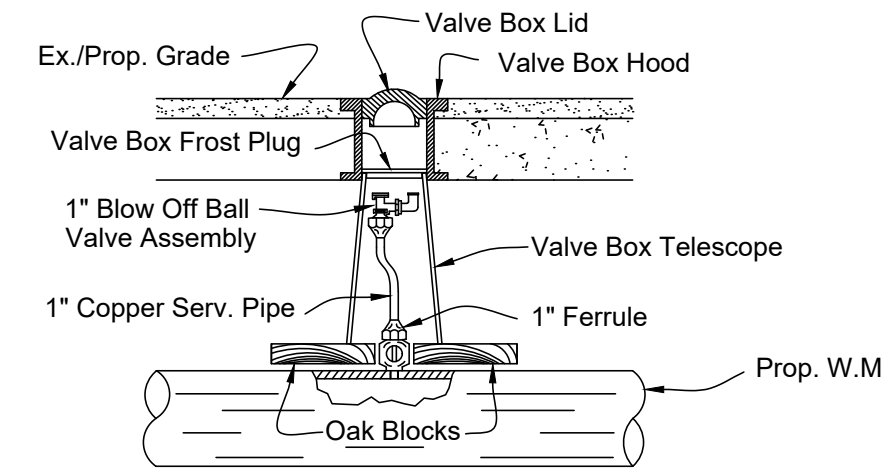
Montgomery Rd. (Pipe Sta. 0+40)



Montgomery Rd. (Pipe Sta. 4+33)



1" AIR RELEASE ASSEMBLY DETAIL

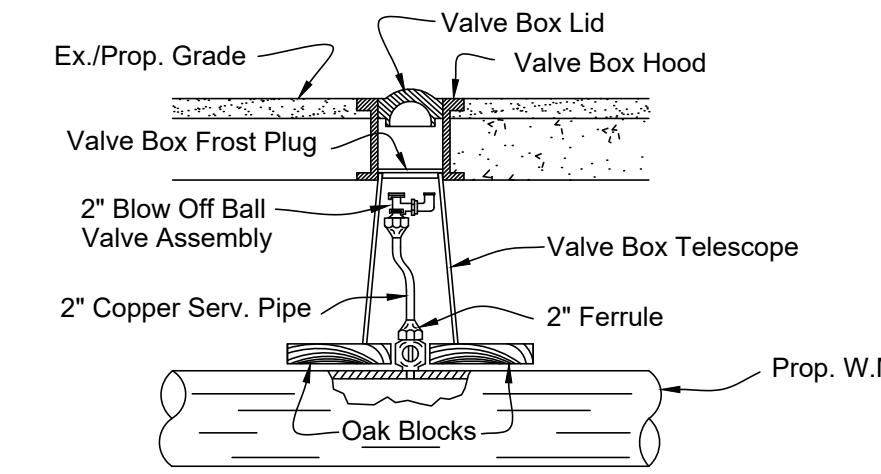


NOTE: AIR RELEASE MUST BE 15" - 19" BELOW FINAL GRADE

- 1 - VALVE BOX COMPLETE
- 1 - VALVE BOX FROST PLUG
- 1 - 1" FERRULE
- 4 - L.F. +/- 1" COPPER SERVICE PIPE (LENGTH VARIES DEPENDING ON WM DEPTH)
- 1 - 1"x1 1/2" BLOW-OFF BALL VALVE ASSEMBLY (A.Y. McDONALD PART #76109BCAP)

NOTE: ALL COST FOR MATERIAL AND LABOR SHALL BE INCLUDED IN THE CONTRACTOR UNIT BID UNDER ITEM 1116 *FURNISH AND INSTALL 1" AIR RELEASE WITH VALVE BOX*

2" AIR RELEASE ASSEMBLY DETAIL

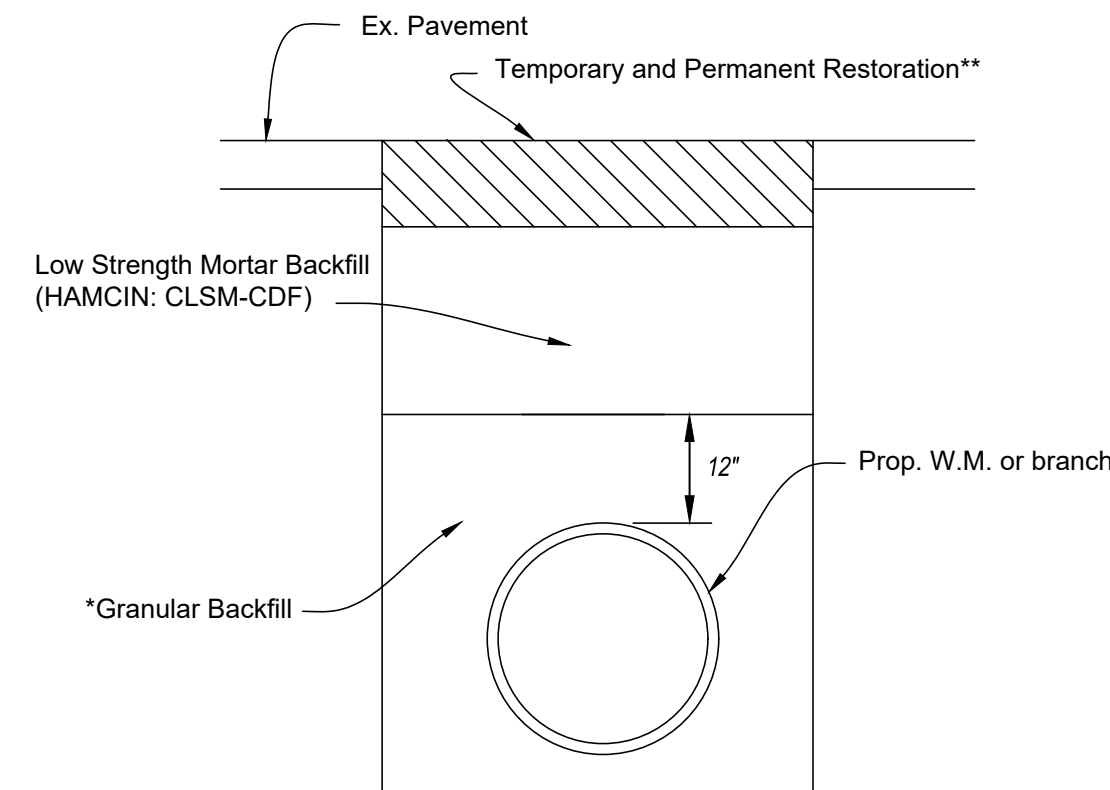


NOTE: AIR RELEASE MUST BE 15" - 19" BELOW FINAL GRADE

- 1 - VALVE BOX COMPLETE
- 1 - VALVE BOX FROST PLUG
- 1 - 2" FERRULE
- 4 - L.F. +/- 2" COPPER SERVICE PIPE (LENGTH VARIES DEPENDING ON WM DEPTH)
- 1 - 2"x1-1/2"x2" BLOW-OFF BALL VALVE ASSEMBLY (A.Y. McDONALD PART #76109BCAP)

NOTE: ALL COST FOR MATERIAL AND LABOR SHALL BE INCLUDED IN THE CONTRACTOR UNIT BID UNDER ITEM 1116 *FURNISH AND INSTALL 2" AIR RELEASE WITH VALVE BOX*

STANDARD WATER MAIN TRENCH INSTALLATION DETAIL



**TEMPORARY AND PERMANENT RESTORATION SHALL BE DONE IN ACCORDANCE WITH THE CONTRACT SPECIFICATIONS AND/OR PROJECT PLAN TYPICAL SECTIONS. (MATCH THE "STORM SEWER TRENCH RESTORATION.")

IN AREAS WHERE THE PAVEMENT, BASE AND/OR SUB-BASE IS TO BE REPLACED AS PART OF THE ROADWAY CONTRACT, THE COST FOR PERMANENT PAVEMENT RESTORATION SHALL BE INCLUDED UNDER THE APPROPRIATE PAVEMENT BID ITEMS. COST FOR TEMPORARY PAVEMENT RESTORATION IN THESE AREAS SHALL BE INCLUDED IN THE CONTRACTOR'S APPROPRIATE UNIT BID PRICE FOR ITEM 1101 OR ITEM 1126.

UNLESS OTHERWISE NOTED ON THE PLANS, AREAS WHERE THE EXISTING PAVEMENT, BASE AND/OR SUB-BASE ARE NOT TO BE DISTURBED, THE COST FOR TEMPORARY AND PERMANENT PAVEMENT RESTORATION SHALL BE INCLUDED IN THE CONTRACTOR'S APPROPRIATE UNIT BID PRICE FOR ITEM 1101 OR ITEM 1126.

*BACKFILL OF THE WATER MAIN AND BRANCH TRENCH SHALL BE DONE IN ACCORDANCE WITH G.C.W.W. SPECIFICATIONS. ALL WATER MAINS AND BRANCHES INSTALLED OUTSIDE OF THE PAVEMENT AREA SHALL UTILIZE GRANULAR BACKFILL IN LIEU OF THE CONTROL DENSITY FILL. ALL COSTS FOR BACKFILL SHALL BE INCLUDED UNDER ITEM 1101, *FURNISHING AND INSTALLING DUCTILE IRON PIPE AND FITTINGS*.

CONTROLLED DENSITY FILL MUST MEET BOTH HAMCIN: CLSM-CDF PERFORMANCE SPECIFICATION AND O.D.O.T. SPECIFICATION. ALL FLOWABLE FILL PRODUCTS SHALL MEET THE REQUIREMENTS OF THE CURRENT HAMCIN CLSM-CDF BACKFILL SPECIFICATION (DATED MARCH 2015). COPIES OF THE HAMCIN CLSM-CDF BACKFILL SPECIFICATION ARE MADE AVAILABLE AT THE GCWW ENGINEERING OFFICES AT 4747 SPRING GROVE AVENUE, CINCINNATI DEPARTMENT OF TRANSPORTATION & ENGINEERING AT 801 PLUM STREET, OR THEIR WEBSITE: [HTTP://WWW.CINCINNATI-OH.GOV/DOTE-MANUALS-PERMITS-SUPPLEMENTS/](http://www.cincinnati-oh.gov/dote-manuals-permits-supplements/)

ALSO, THE CONTRACTOR SHALL SUBMIT, PRIOR TO THE START OF CONSTRUCTION, THE NECESSARY DOCUMENTATION FOR REVIEW AND APPROVAL BY THE GCWW.

PLEASE NOTE THAT THE G.C.W.W. REQUIREMENT IS IN ADDITION TO HAMCIN SPECIFICATIONS FOR FLOWABLE FILL PRODUCTS. A COPY OF THE G.C.W.W. REQUIREMENT IS AVAILABLE AT THE G.C.W.W. ENGINEERING OFFICE LOCATED AT 4747 SPRING GROVE AVENUE. CONTACT THE SUPERVISOR OF INSPECTION AT 591-7870.

PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT THE NECESSARY CONTROLLED DENSITY FILL COMPLIANCE DOCUMENTATION FOR REVIEW AND APPROVAL BY THE G.C.W.W.

GCWW NOTE:
ALL FIELD LAYOUT OF WATER MAIN PIPE AND SPECIALS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE PERFORMED BY A LICENSED SURVEYOR.

GCWW LEAD NOTES

ITEM 1126 - PRIVATE SIDE LEAD SERVICE LINE REPLACEMENT, EACH

THIS ITEM COVERS THE REPLACEMENT OF THE PRIVATELY-OWNED PORTION OF THE SERVICE LINE FROM THE PROPERTY LINE (OTHERWISE KNOWN AS THE RIGHT-OF-WAY LINE) TO THE BUILDING, REGARDLESS OF WHERE THE CURB BOX IS CURRENTLY LOCATED OR WHERE IT IS SHOWN AS PROPOSED IN THE PLANS. PERFORMANCE OF PRIVATE SIDE LEAD SERVICE LINE REPLACEMENT (PSLSLR) IS CONTINGENT UPON GCWW REACHING AGREEMENTS WITH INDIVIDUAL PROPERTY OWNERS PRIOR TO PERFORMING THE WORK. IF NO AGREEMENT IS MADE, CONTRACTOR SHALL PERFORM THE PUBLIC SIDE WORK ACCORDING TO THE PLANS AND WILL BE COMPENSATED FOR THIS WORK VIA THE PUBLIC SIDE BID ITEMS. **NO COMPENSATION WILL BE PROVIDED FOR ELIMINATION OF THE PSLSLR BID ITEMS.** IF A PSLSLR AGREEMENT IS MADE, THE CONTRACTOR SHALL COORDINATE WITH GCWW INSPECTION TO DETERMINE FINAL CURB BOX LOCATIONS AND ANY RESULTING CHANGES IN MATERIALS.

A BID ITEM AT THE LISTED ADDRESS IS INDICATION THAT GCWW RECORDS SHOW THAT THE PRIVATE PORTION OF THE SERVICE LINE CONTAINS LEAD, WHICH MAY BE DIFFERENT THAN THE PUBLIC SIDE.

ALTHOUGH THE COST OF THE SERVICE LINE IS SPLIT BETWEEN THE PUBLIC SIDE AND PRIVATE SIDE, THE INTENT OF THE DESIGN IS TO INSTALL ONE CONTINUOUS SERVICE LINE FROM THE BUILDING TO THE CURB BOX, TO THE EXTENT POSSIBLE. IF THE EXISTING CURB BOX IS LOCATED WITHIN THE PUBLIC RIGHT-OF-WAY, THE PORTION OF THE SERVICE LINE BETWEEN THE PROPERTY LINE AND CURB BOX SHALL BE REPLACED ALONG WITH THE PSLSLR, BUT THE COST FOR THIS PIECE WILL BE PAID UNDER THE STANDARD BID ITEM 1126.

CONTRACTOR MUST FURNISH ALL LABOR, EQUIPMENT, AND MATERIALS REQUIRED TO COMPLETE PSLSLR. ALL WORK SHALL BE INSTALLED ACCORDING TO GCWW RULES & REGULATIONS, AND NOTES PROVIDED BELOW. PAYMENT IS FULL COMPENSATION FOR ALL WORK INVOLVED IN THE PSLSLR, AND RESTORATION OF PRIVATE PROPERTY AS DESCRIBED BELOW. DEPARTMENT OF ECONOMIC INCLUSION GOALS SET FORTH BY THE CITY OF CINCINNATI DO NOT APPLY TO THE BID ITEM FOR PSLSLR WORK.

CONTRACTOR SHALL BE RESPONSIBLE FOR THE FOLLOWING:

- * PRIOR TO COMMENCING THE WORK, PLUMBER SHALL INSPECT THE EXISTING PRIVATE SERVICE LINE AT THE CURB STOP AND THE METER. IF THE PLUMBER DETERMINES THAT THE EXISTING SERVICE LINE IS COPPER AT BOTH LOCATIONS, PLUMBER SHALL CONTACT GCWW PROJECT MANAGER, AND IF CONFIRMED BY GCWW, THE WORK SHALL TERMINATE. IF THE CITY AND PLUMBER DETERMINES THAT THE EXISTING SERVICE LINE IS LEAD, BRASS, GALVANIZED STEEL OR OTHER NON-LEAD FREE MATERIAL, PLUMBER SHALL CONTINUE WITH THE REPLACEMENT WORK.
- * UTILIZE TRENCHLESS CONSTRUCTION METHODS (I.E. CABLE PULLING METHOD OR PIERCING/MISSILE METHOD) WHENEVER POSSIBLE TO INSTALL THE NEW COPPER SERVICE LINE. IF TRENCHLESS CONSTRUCTION METHODS ARE NOT POSSIBLE, THEN AN OPEN CUT TRENCH METHOD MAY BE PERFORMED.
- * LIMIT THE AREA OF DISTURBANCE ON PRIVATE PROPERTY TO THE MINIMAL AMOUNT AS PRACTICAL FOR ANY CONSTRUCTION METHOD USED.
- * INSTALL NEW TYPE-K COPPER SERVICE LINE, VARIOUS SIZE, FROM THE PROPERTY LINE TO APPROXIMATELY 6-INCHES BEYOND THE OUTLET VALVE OF THE METER SETTING IN THE BUILDING (OR IF EXTERIOR METER EXISTS, TO THE FIRST INTERIOR VALVE INSIDE THE BUILDING).
- * INSTALL A NEW METER SETTING ACCORDING TO GCWW RULES AND REGULATIONS.
- * IF AN INTERIOR ELECTRICAL GROUNDING SYSTEM IS ATTACHED TO THE LEAD SERVICE LINE BEING REPLACED, TEMPORARILY REMOVE THE SYSTEM AND REINSTALL AS REQUIRED UPON COMPLETION OF WORK.
- * PATCH ANY HOLE IN THE FOUNDATION FLOOR OR WALL THAT WAS REQUIRED TO INSTALL THE NEW COPPER SERVICE LINE.
- * BACKFILL ALL EXCAVATIONS ON PRIVATE PROPERTY WITH EXCAVATED SPOILS AND INCLUDE NO LESS THAN 4-INCHES OF TOPSOIL.
- * SEED AND STRAW ALL IMPACTED LAWN AREAS DURING THE GROWING SEASON.
- * RESTORE ANY HARD-PAVED SURFACE WITH ASPHALT/COLD PATCH.
- * CALL THE OHIO UTILITIES PROTECTION SERVICE (1-800-362-2764) AT LEAST 48-HOURS BEFORE ANY EXCAVATION IS PERFORMED. THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE ALL UTILITIES WITHIN THE PROPOSED WORK AREA ON THE PRIVATE PROPERTY SIDE OF THE PSLSLR. THIS INCLUDES THE RESPONSIBILITY TO HIRE A 3RD PARTY UTILITY LOCATOR AS REQUIRED. ANY HIT LINES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR REPLACE (AT THEIR COST) IN COMPLIANCE WITH UTILITY REQUIREMENTS.
- * POST ANY "NO PARKING" SIGNAGE THAT WILL BE NECESSARY TO PERFORM THE WORK.
- * PERFORM ALL WORK IN A MANNER WHICH WILL PREVENT WATER SERVICE OUTAGES LONGER THAN 8-HOURS. IF WATER SERVICE OUTAGE EXCEEDS 8 HOURS, CONTRACTOR MUST TEMPORARILY RETURN WATER SERVICE TO THE PROPERTY UNTIL THE NEXT DAY. ANY ARRANGEMENT TO PROVIDE TEMPORARY SERVICE TO A PROPERTY MUST BE APPROVED BY GCWW.
- * CONTRACTOR WILL NOT BE RESPONSIBLE FOR REMOVING OR REPLACING ANY EXTERIOR OBSTACLES, SUCH AS WALLS, FENCES, SCULPTURES, ORNAMENTS, FURNITURE, BRICK SIDEWALKS OR DRIVEWAYS. THESE OBSTACLES WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNERS UNLESS OTHERWISE AGREED UPON BY THE PROPERTY OWNER AND GCWW TO HAVE THE CONTRACTOR PERFORM THIS WORK. ADDITIONAL COSTS FOR REMOVAL AND REPLACEMENT OF THESE OBSTACLES BY THE CONTRACTOR WILL BE NEGOTIATED BY GCWW AS A CHANGE ORDER TO THIS WORK.
- * CONTRACTOR WILL NOT BE RESPONSIBLE FOR REMOVING OR REPLACING ANY INTERIOR OBSTACLES, SUCH AS FURNITURE, DRYWALL, PANELING, STORAGE ITEMS, ETC. THESE OBSTACLES WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNERS UNLESS OTHERWISE AGREED UPON BY THE PROPERTY OWNER AND GCWW TO HAVE THE CONTRACTOR PERFORM THIS WORK. ADDITIONAL COSTS FOR REMOVAL AND REPLACEMENT OF THESE OBSTACLES BY THE CONTRACTOR WILL BE NEGOTIATED BY GCWW AS A CHANGE ORDER TO THIS WORK.
- * COORDINATION OF THIS WORK WITH THE PROPERTY OWNERS WILL BE PERFORMED BY THE CONTRACTOR. THE CONTRACTOR SHALL NOT DISCUSS COST ISSUES WITH THE PROPERTY OWNER DIRECTLY, UNLESS SPECIFICALLY PERMITTED BY THE GCWW PROJECT MANAGER. GCWW SHALL RETAIN THE RIGHT TO BE PRESENT FOR ALL SITE DISCUSSIONS BETWEEN THE CONTRACTOR AND THE PROPERTY OWNER.

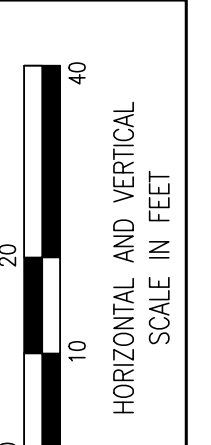
ITEM	UNIT	DESCRIPTION
1126	EACH	PRIVATE SIDE LEAD SERVICE LINE REPLACEMENT (ADDRESS)

Water plans updated

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CALCULATED
E.G.B.
CHECKED
D.L.

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