

DEWATERING, COFFERDAMS, AND BY-PASS PUMPING

ANY DEWATERING, COFFERDAMS, OR PUMPING NECESSARY FOR THE CONSTRUCTION OF ANY ITEMS SHALL BE INCIDENTAL TO THOSE PARTICULAR CONSTRUCTION ITEMS. NO ADDITIONAL PAYMENT WILL BE ALLOWED.

SAWCUT PAVEMENT JOINTS

SAWCUT PAVEMENT JOINTS SHALL BE INCLUDED IN AND IS INCIDENTAL TO ITEM 202 AND ITEM 203 PAY ITEMS. MORE THAN ONE SAWCUT MAY BE NECESSARY TO ENSURE A CLEAN CUT JUST PRIOR TO ASPHALT OR CONCRETE PLACEMENT. ASPHALT MATERIAL SHALL BE PLACED ON THE VERTICAL FACE OF SAWCUT JOINTS PRIOR TO PAVING AS PER 401.14. AFTER THE ASPHALT WORK IS COMPLETED, THE TRANSVERSE JOINTS SHALL BE SEALED WITH LIQUID ASPHALT. THE JOINT PREPARATION AND SEALING SHALL BE INCLUDED IN THE PAYMENT FOR ASPHALT CONCRETE.

ITEM 204 - PROOF ROLLING

THE FOLLOWING QUANTITY IS PROVIDED IN THE GENERAL SUMMARY TO ADDRESS LOCATIONS REQUIRING PROOF ROLLING. SEE PLAN SHEET NO. 4 THROUGH 7 FOR ADDITIONAL INFORMATION ALONG WITH PAVEMENT CALCULATIONS SPREAD SHEET.

ITEM 204 – PROOF ROLLING 6 HOUR

ITEM 204 - SUBGRADE COMPACTION AND PROOF ROLLING

CONSTRUCT THE SUBGRADE AS FOLLOWS AND IN THE FOLLOWING SEQUENCE:

- SHAPE THE SUBGRADE TO WITHIN 0.2 FEET OF THE PLAN SUBGRADE ELEVATION.
 - COMPACT THE SUBGRADE ACCORDING TO C&MS 204.03.
 - APPROXIMATE LIMITS FOR EXCAVATION OF UNSTABLE SUBGRADE ARE SHOWN AND LABELED ON THE CROSS SECTIONS AS UNSTABLE SUBGRADE. THE ENGINEER WILL IDENTIFY THE ACTUAL LIMITS OF EXCAVATION FOR UNSTABLE SUBGRADE BASED ON THE PROOF ROLLING RESULTS AND VISUAL OBSERVATIONS.
- PROOF ROLL THE COMPACTED SUBGRADE ACCORDING TO C&MS 204.06.
- EXCAVATE UNSTABLE SUBGRADE AS DIRECTED BY THE ENGINEER AND STABILIZE BY REPLACING WITH THE SPECIFIED MATERIALS ACCORDING TO C&MS 204.07. EXCAVATIONS WILL EXTEND 18 INCHES BEYOND THE EDGE OF THE SURFACE OF THE PAVEMENT, PAVED SHOULDERS, OR PAVED MEDIANS.
 - PROOF ROLL THE STABILIZED AREAS ACCORDING TO C&MS 204.06 TO VERIFY STABILITY.
 - FINE GRADE THE SUBGRADE TO THE SPECIFIED GRADE.

THE QUANTITIES FOR EXCAVATING THE UNSTABLE SUBGRADE ARE PAID UNDER ITEM 204 – EXCAVATION OF SUBGRADE. REPLACEMENT MATERIALS ARE PAID UNDER ITEM 204 – GRANULAR MATERIAL, TYPE B AND ITEM 204 – GEOGRID.

ROLLER REQUIREMENTS WITHIN CORPORATION LIMITS OF CITY

THE CONTRACTOR SHALL NOT USE THE VIBRATION MODE (VIBRATION SHALL BE TURNED OFF) ON VIBRATORY ROLLERS TO COMPACT THE ASPHALT CONCRETE.

ITEM 605 - 4" BASE PIPE UNDERDRAINS, AS PER PLAN

THIS ITEM OF WORK SHALL CONSIST OF THE WORK DESCRIBED IN OHIO DEPARTMENT OF TRANSPORTATION ITEM 605 – UNDERDRAINS, EXCEPT AS HEREIN MODIFIED:

TYPICAL DEPTH OF BASE PIPE UNDERDRAINS PER THE OHIO DEPARTMENT OF TRANSPORTATION PAVEMENT DESIGN MANUAL IS 18 INCHES BELOW THE PROPOSED SUBGRADE. DUE TO SHALLOW STORM OUTLETS, THE DEPTH OF PROPOSED UNDERDRAINS SHALL BE 3.0 FEET FROM THE BACK OF CURB ELEVATION, OR APPROXIMATELY 15 INCHES BELOW THE PROPOSED SUBGRADE.

ALL OTHER CONSTRUCTION REQUIREMENTS, BACKFILL, EXCAVATION, PIPE MATERIALS AND OTHER RELATED CONSTRUCTION ITEMS SHALL FOLLOW THE ODOT CMS MANUAL SECTION 605. PAYMENT FOR ITEM 605 – 4" BASE PIPE UNDERDRAINS, AS PER PLAN SHALL BE AT THE CONTRACT FOOT BID PRICE AND SHALL INCLUDE ALL LABOR, MATERIAL, AND EQUIPMENT REQUIRED TO COMPLETE THIS ITEM OF WORK.

ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 2, AS PER PLAN ITEM 609 - CURB, TYPE 6, AS PER PLAN

ALL ROADWAY CURB SHALL HAVE 3 LBS OF 2.25" LENGTH FIBRILLATED MACROFIBERS PER CUBIC YARD. THE FIBER MUST COME FROM THE ODOT QUALIFIED PRODUCT LIST.

CONTRACTOR IS TO NOTIFY FIBER MANUFACTURER'S SUPPLIER REPRESENTATIVE 48 HOURS PRIOR TO THE FIRST POUR OF THE CONCRETE UTILIZING EACH DIFFERENT FIBER TYPE TO ENSURE FIBERS ARE MIXED CORRECTLY, PLACEMENT, AND FINISHING. FIBER REPRESENTATIVE MUST BE ON SITE FOR THE FIRST POUR OF EACH FIBER TYPE. THIS APPLIES TO THE FOLLOWING PAY ITEMS:

- ITEM 609 – COMBINATION CURB AND GUTTER, TYPE 2, AS PER PLAN
- ITEM 609 – CURB, TYPE 6, AS PER PLAN

ITEM 611 - CONDUIT BORED OR JACKED, AS PER PLAN, 24", TYPE B

WHERE IT IS SPECIFIED THAT A CONDUIT BE INSTALLED BY THE METHOD OF BORING OR JACKING, NO TRENCH EXCAVATION SHALL BE CLOSER THAN 40 FEET TO THE NEAREST RAIL. PROVIDE A STEEL CASING PIPE CONFORMING TO THE DETAIL ON SHEET 12. JOINTS WITH A CIRCUMFERENCIAL FULLY PENETRATING B-U4B WELD THAT IS PERFORMED BY A CERTIFIED WELDER FOR WELDING CODE AMERICAN WELDING SOCIETY (AWS) D1.1 OR OR MACHINED INTERLOCKING JOINTS ARE PERMITTED. THE INSTALLED CASING PIPE IS THE STORM WATER CONVEYANCE CARRIER UNLESS OTHERWISE SPECIFIED IN THE PLANS. HYDROSTATIC TESTING IS NOT REQUIRED FOR THE CASING PIPE. THOUGH A 24" PIPE IS SHOWN IN THE PLANS, A 26" PIPE WITH CORRECT SPACERS IS ALSO ACCEPTABLE FOR USE WITHOUT ANY ADDITIONAL COMPENSATION FOR THE UP SIZING OF THE CONDUIT.

ITEM 611 - CONDUIT UNDER RAILROAD

THE DEPARTMENT WILL PAY TO THE RAIL COMPANY ALL COSTS FOR WATCHMEN OR FLAGGERS DEEMED NECESSARY BY THE RAIL COMPANY DURING THE INSTALLATION OF CONDUIT UNDER THE RAILROAD. ANY COSTS FOR WATCHMEN OR FLAGGERS REQUIRED BY AN ALTERNATE METHOD OF INSTALLATION ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE COSTS FOR WATCHMEN OR FLAGGERS DUE TO THE NEGLIGENCE OF THE CONTRACTOR, OR ANY SUB-CONTRACTOR, IN CONNECTION WITH THE INSTALLATION OF THE CONDUIT MUST BE PAID BY THE CONTRACTOR.

TRACK SUPPORTS REQUIRED BY THE RAIL COMPANY IN CONNECTION WITH THE INSTALLATION OF THE CONDUIT ARE INCLUDED IN THE COMPANY FORCE ACCOUNT WORK AND PAID BY THE DEPARTMENT. THE COST OF ANY TRACK SUPPORTS REQUIRED BY AN ALTERNATE METHOD OF INSTALLATION OF CONDUIT ARE THE RESPONSIBILITY OF THE CONTRACTOR.

THE CONTRACTOR IS RESPONSIBLE TO SECURE APPROVAL OF OPERATIONS FROM THE DEPARTMENT AND THE RAIL COMPANY. THE RAIL COMPANY WILL PERFORM AN ENGINEERING REVIEW OF METHODS OF OPERATIONS AND ENGINEERING SUPERVISION OF CONSTRUCTION WITHOUT COST TO THE CONTRACTOR.

PRIOR TO BIDDING, COORDINATE WITH THE RAIL COMPANY TO AGREE UPON THE REQUIREMENTS OF WATCHMEN AND FLAGGERS TO PROTECT RAILROAD TRAFFIC DURING THE CONTRACTOR'S OPERATIONS. EXECUTE A BOND IN FAVOR OF BOTH THE STATE AND THE COMPANY AS REQUIRED BY SECTION 5525.16 OF THE REVISED CODE OF OHIO.

COORDINATE WITH THE RAIL COMPANY CONCERNING WORK ADJACENT TO RAILROAD TRACKS, IN ORDER TO AVOID DELAY TO, OR INTERFERENCE WITH RAILROAD TRAFFIC, AND NOTIFY THE RAIL COMPANY 72 HOURS IN ADVANCE OF CONSTRUCTION OPERATIONS.

ITEM 611 - 6" CONDUIT, TYPE E, 707.45 (SANITARY SEWER LATERAL REPAIR)

THIS ITEM OF WORK SHALL CONSIST OF THE WORK AS DESCRIBED IN OHIO DEPARTMENT OF TRANSPORTATION ITEM 611 – PIPE CULVERTS, SEWERS, DRAINS, AND DRAINAGE STRUCTURES, EXCEPT AS HEREIN MODIFIED:

THIS WORK SHALL CONSIST OF EXCAVATION, REMOVAL, AND DISPOSAL OF EXISTING SANITARY SEWER LATERALS, BEDDING, CORING AND INSTALLING THE NEW SANITARY SEWER LATERAL AND INSERTA TEE, CLEANOUT (IF REQUIRED BY THE CITY), ALL TESTING PER CITY STANDARDS, CONNECTING EXISTING SANITARY LATERALS AND COMPACTION OF GRANULAR BACKFILL, PLUGGING OF OLD TEE, AND ANY NECESSARY PAVEMENT REPAIRS.

EXISTING SANITARY LATERALS IN CONFLICT OR DISTURBED DURING CONSTRUCTION ACTIVITIES SHALL BE REPLACED WITH PVC SDR-35 OF THE SAME SIZE AS THE EXISTING LATERAL. IF THE LATERAL GRADE IS IN CONFLICT WITH ANY STORM CONSTRUCTION, THE LATERAL MUST BE REPLACED FROM THE MAIN TO THE RIGHT OF WAY LINE, OR IN A WAY THAT IS APPROVED BY THE CITY AND THE ENGINEER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE SANITARY SEWER LATERALS IN SERVICE DURING THE INSTALLATION. THE CONTRACTOR SHALL COORDINATE WITH THE CITY ON THE PROCEDURE THE CONTRACTOR WILL USE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL SANITARY SEWER LATERALS BETWEEN STA. 23+00 (LEFT) AND STA. 28+00 (LEFT). THE EXISTING LATERALS ARE NOT SHOWN IN THE PLANS.

PAYMENT FOR THE SANITARY SEWER LATERAL REPAIR, FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE AT THE CONTRACTOR FOOT BID PRICE AND SHALL INCLUDE ALL LABOR, MATERIAL, AND EQUIPMENT REQUIRED TO COMPLETE THIS ITEM OF WORK. THE FOLLOWING CONTINGENCY QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR BIDDING PURPOSES:

ITEM 611 – 6" CONDUIT, TYPE E, 707.45 500 FT

PERSONAL PROTECTION EQUIPMENT (PPE)

THE CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS OF SECTIONS XXIV AND XXXIV OF THE OHIO DEPARTMENT OF TRANSPORTATION SAFETY AND HEALTH STANDARD OPERATING PROCEDURE 220-006(SP) EFFECTIVE: NOVEMBER 1, 2018 (EXCEPT AS AMENDED BELOW) AND ALL SUBSEQUENT UPDATES POSTED AT THE FOLLOWING WEBSITE:

[HTTP://WWW.DOT.STATE.OH.US/POLICY/POLICIESANDSOPS/POLICIES/220-006\(SP\).PDF](http://www.dot.state.oh.us/policy/policiesandsops/policies/220-006(sp).pdf)

AMENDMENTS TO THE REQUIREMENTS OF THIS DOCUMENT ARE:

XXIV. HEAD PROTECTION (HARD HATS)
ALL PERSONS WITHIN THE RIGHT-OF-WAY OF ANY HIGHWAY OR ANY OTHER TYPE OF ROADWAY OR CONSTRUCTION SITE WHO ARE EXPOSED TO EITHER TRAFFIC (VEHICLES USING THE HIGHWAY FOR PURPOSES OF TRAVEL) OR CONSTRUCTION EQUIPMENT WITHIN THE WORK AREA, REGARDLESS OF JOB TYPE, SHALL WEAR APPROPRIATE HEAD PROTECTION. ALL HARD HATS MUST MEET OR EXCEED ANSI Z89.1-2009 TYPE 1, CLASS E-G REQUIREMENTS.

XXXIV. SAFETY APPAREL AND VEST (HIGH VISIBILITY)
ALL PERSONS WITHIN THE RIGHT-OF-WAY OF ANY HIGHWAY OR ANY OTHER TYPE OF ROADWAY OR CONSTRUCTION SITE WHO ARE EXPOSED TO EITHER TRAFFIC (VEHICLES USING THE HIGHWAY FOR PURPOSES OF TRAVEL) OR CONSTRUCTION EQUIPMENT WITHIN THE WORK AREA, REGARDLESS OF JOB TYPE, SHALL WEAR A HIGH-VISIBILITY SAFETY VEST THAT MEETS THE PERFORMANCE CLASS II OR CLASS III REQUIREMENTS OF THE ANSI/ISEA 107-2015 PUBLICATION ENTITLED "AMERICAN NATIONAL STANDARD FOR HIGH VISIBILITY SAFETY APPAREL AND ACCESSORIES."

WORKERS MAY WEAR AN ANSI CLASS II OR ANSI CLASS III APPROVED RAIN SUIT, JACKET, OR OTHER APPAREL WITHOUT A SAFETY VEST OVER IT.

CONSTRUCTION COORDINATION (WATER)

THE CONTRACTOR SHALL TAKE NOTE THAT THE CITY OF DELPHOS HAS A SEPARATE WATER LINE CONSTRUCTION PROJECT WITHIN THE WORK LIMITS OF THIS PROJECT SCHEDULED TO TAKE PLACE FROM JUNE OF 2023 UNTIL NOVEMBER OF 2023 ENTITLED "SOUTH MAIN STREET WATER MAIN REPLACEMENT". THE WATER PROJECT IS REPLACING THE EXISTING 12" WATER MAIN ALONG MAIN STREET FROM LINCOLN STREET TO JUST NORTH OF THE NORTHERN RAIL CROSSING. IN ADDITION, THE PROJECT IS UPSIZING EXISTING SIDE STREET WATER MAINS (SUTHOFF AND CLEVELAND) ACCORDINGLY. THE WATER LINE REPLACEMENT PROJECT WILL BE REPLACING ALL FIRE HYDRANTS, WATER VALVES, SERVICE LINES, SERVICE METERS, AND METER PITS ALONG THE PROJECT LIMITS. THE INTENT OF THE PROJECT IS TO INSTALL THE WATER LINE AND ALL APPURTENANCES AT LOCATIONS AND ELEVATIONS FOR THE FUTURE CONSTRUCTION OF THIS PROJECT, INCLUDING THE METER PITS AND HYDRANTS AT FUTURE CURB LAWN ELEVATIONS. ALL PROPOSED WATER LINE IMPROVEMENTS COMPLETED IN THAT PROJECT ARE SHOWN AS EXISTING WATER LINES AND SYMBOLS IN THIS PROJECT.

IT IS ANTICIPATED ALL WATER MAIN VALVES IN THE ROADWAY, ALLEYS, OR DRIVE APRONS WITHIN THE PROJECT LIMITS ARE TO BE ADJUSTED TO GRADE DURING CONSTRUCTION OF THIS PROJECT. IN ADDITION, EVEN THOUGH THE INTENT OF ALL SERVICES, METERS AND HYDRANTS ALONG THE PROJECT WERE INTENDED TO BE INSTALLED AT THE CORRECT LOCATION AND ELEVATIONS, IT IS ANTICIPATED FINAL ADJUSTMENTS AND POTENTIAL RELOCATION OPERATIONS WILL BE REQUIRED FOR CITY ACCEPTANCE. THE FOLLOWING CONTINGENCY ITEMS HAVE BEEN INCLUDED IN THIS PLAN FOR FINAL ELEVATION ADJUSTMENT OR RELOCATIONS NEEDED:

ITEM 202 – VALVE BOX REMOVED	5 EACH
ITEM 638 – 8" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS, AWWA C900, DR18	100 FT
ITEM 638 – 12" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS, AWWA C900, DR18	100 FT
ITEM 638 – 1" POLYETHYLENE SERVICE BRANCH	500 FT
ITEM 638 – FIRE HYDRANT EXTENDED AND ADJUSTED TO GRADE	2 EACH
ITEM 638 – FIRE HYDRANT ADJUSTED TO GRADE	2 EACH
ITEM 638 – VALVE BOX ADJUSTED TO GRADE	28 EACH
ITEM 638 – WATER WORKS, MISC.: METER BOX ADJUSTED TO GRADE	60 EACH

THE ABOVE ITEMS OF WORK SHALL CONSIST OF THE WORK AS DESCRIBED IN OHIO DEPARTMENT OF TRANSPORTATION ITEM 638 – WATER MAINS AND SERVICE BRANCHES.

WATER WORK, MISC.: METER BOX ADJUSTED TO GRADE SHALL FOLLOW THE REQUIREMENTS OF CMS 638.13.G AND 638.17 EXCEPT THE REMOVAL OF THE EXISTING METER AND REPLACEMENT IS NOT REQUIRED. THE CONTRACTOR SHALL RAISE, LOWER, OR ADJUST THE EXISTING METER PITS SUCH THE TOP OF THE LIDS ARE FLUSH WITH THE RE-GRADED CURB LAWNS OR ADJACENT SURFACES.

DOMINION ENERGY OHIO GAS

IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE LATERAL AND SUBJACENT SUPPORT OF DOMINION'S PIPELINE(S), IN COMPLIANCE TO 29 CFR, PART 1926, SUBPART P, (SAFE EXCAVATION & SHORING). EXTREME CARE SHOULD BE TAKEN NOT TO HARM ANY DOMINION FACILITY (PIPELINES, ETC.) OR APPURTENANCES (PIPE COATING, TRACER WIRE, CATHODIC PROTECTION TEST STATION WIRES & DEVICES, VALVE BOXES, ETC.). DOMINION FACILITIES MUST BE PROTECTED WITH A TARP DURING BRIDGE CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE AND LIABLE FOR ENSURING THAT ALL DOMINION EXISTING FACILITIES, ABOVE AND BELOW GROUND, REMAIN UNDAMAGED, ACCESSIBLE AND IN WORKING ORDER. THE CROSSING OF DOMINION'S PIPELINE(S) WITH ANOTHER STEEL FACILITY MAY CREATE A POTENTIAL CORROSION ISSUE FOR THE PROPOSED FACILITY AND THE EXISTING DOMINION FACILITY. PLEASE CONTACT DOMINION'S CORROSION DEPARTMENT AT LEAST 20 WORKING DAYS BEFORE CONSTRUCTION AT: CORROSIONGIS@DOMINIONENERGY.COM

PRIVATE PROPERTY PROTECTION

SEVERAL LOCATIONS ALONG THE PROJECT ROUTE, NOTABLY PARCEL 23 (NIEDECKENS'S CARRY-OUT) AND PARCEL 80 (OFFICE BUILDING), THE FACE OF THE BUILDING ACTS AS THE EDGE OF THE RIGHT OF WAY OR CONSTRUCTION LIMITS. ALONG THE FACE OF THE BUILDING, SIDEWALK, STEPS, RAMPS, AGGREGATES, EXCAVATIONS AND OTHER CONSTRUCTION WORK SHALL BE OCCURRING ADJACENT AND IN-CONNECTION TO THE EXISTING BUILDINGS. THE CONTRACTOR SHALL TAKE EXTRA PRECAUTIONS, SUCH AS USING PROTECTION EQUIPMENT LIKE PLASTIC TARPS, PLYWOOD, ETC. TO PROTECT THE FACADES OF THE BUILDINGS DURING CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OF ANY DAMAGE CAUSED BY CONSTRUCTION ACTIVITIES TO THE BUILDING STRUCTURES.

CALCULATED
DMS
CHECKED
A.J.H.

GENERAL NOTES

ALL-66-11.22

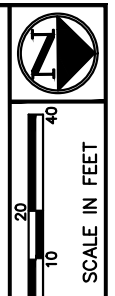
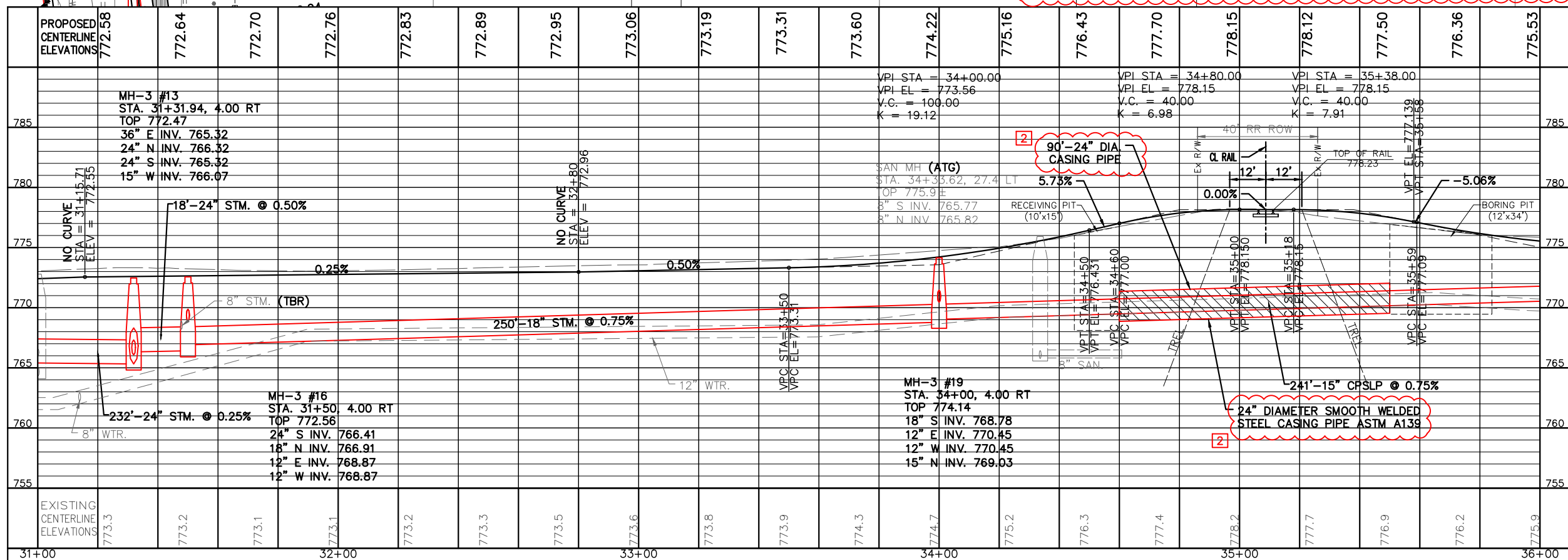
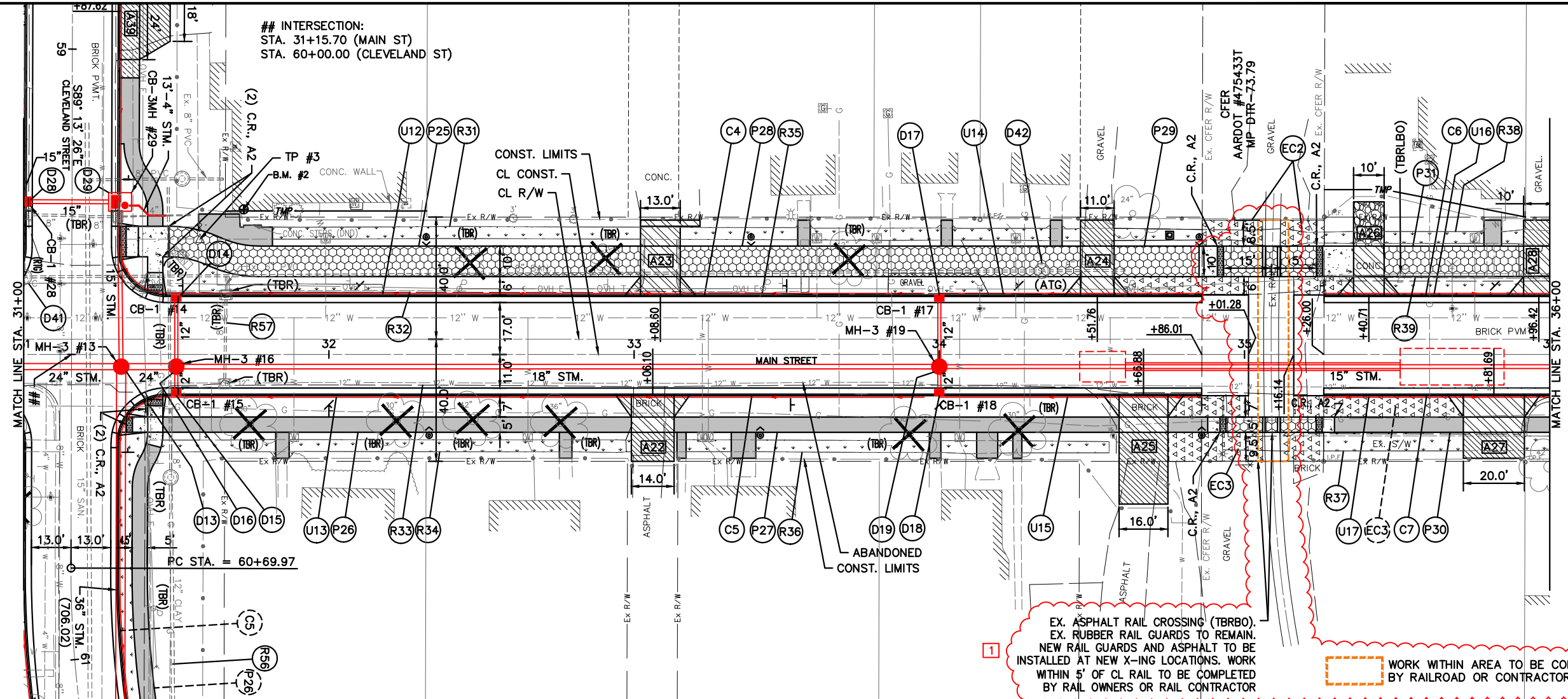
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SHEET NUM.										PART.				ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.	
8	9	20	22	23		78	79		CALCS	01/S<2/P V	02/MPOP V	03/ENH/O T	04/NFP/O T							
			90								90			2	611	96601	90	FT	CONDUIT, BORED OR JACKED, AS PER PLAN, 24", TYPE B	9, 12
100											100				611	97400	100	FT	CONDUIT, MISC.: TYPE B FOR DRAINAGE DISCHARGE	8
100											100				611	97400	100	FT	CONDUIT, MISC.: TYPE C FOR DRAINAGE DISCHARGE	8
100											100				611	97400	100	FT	CONDUIT, MISC.: TYPE E FOR DRAINAGE DISCHARGE	8
100											100				611	97400	100	FT	CONDUIT, MISC.: TYPE F FOR DRAINAGE DISCHARGE	8
			1								1				611	98470	1	EACH	CATCH BASIN, NO. 2-2B	
			13								13				611	98690	13	EACH	CATCH BASIN, MISC.: CB-1	11
			8								8				611	98690	8	EACH	CATCH BASIN, MISC.: CB-1A	11
			1								1				611	98690	1	EACH	CATCH BASIN, MISC.: CB3-MH	12
			13								13				611	99574	13	EACH	MANHOLE, NO. 3	
			1								1				611	99584	1	EACH	MANHOLE, NO. 3 WITH 96" BASE I.D. AND 9" WEIR	
			1								1				611	99660	1	EACH	MANHOLE RECONSTRUCTED TO GRADE	
2											2				611	99720	2	EACH	INSPECTION WELL	
			1								1				895	10030	1	EACH	MANUFACTURED WATER QUALITY STRUCTURE, TYPE 3	
											1,425				301	56000	1,425	CY	ASPHALT CONCRETE BASE, PG64-22, (449)	
		472		426							1,832		472		304	20000	2,730	CY	AGGREGATE BASE	
		104		49							1,066	892	104		407	20000	1,219	GAL	NON-TRACKING TACK COAT	
											28	28			409	30000	28	FT	SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS	
											223	171	52		441	10000	223	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG64-22	
											310	237	73		441	10200	310	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446)	
		64											64		441	70000	64	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22	
		128											128		441	70300	128	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)	
				40									40		441	70500	40	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), (DRIVEWAYS)	
				68									68		441	70700	68	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449), (DRIVEWAYS)	
											109	109			442	10000	109	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446)	
											163	163			442	10100	163	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446)	
				1,066									1,066		452	10010	1,066	SY	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P	
				433									433		452	13010	433	SY	9" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P	
				182									182		452	13040	182	SY	9" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC MS	
		5,294											5,294		609	12001	5,294	FT	COMBINATION CURB AND GUTTER, TYPE 2, AS PER PLAN	9
		131											131		609	26001	131	FT	CURB, TYPE 6, AS PER PLAN	9
																			WATER WORK	
	5												5	202	75610	5	EACH	VALVE BOX REMOVED		
	100												100	638	01720	100	FT	8" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS, AWWA C900, DR18		
	100												100	638	02730	100	FT	12" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS, AWWA C900, DR18		
	500												500	638	05400	500	FT	1" POLYETHYLENE SERVICE BRANCH		
	2												2	638	10300	2	EACH	FIRE HYDRANT EXTENDED AND ADJUSTED TO GRADE		
	2												2	638	10400	2	EACH	FIRE HYDRANT ADJUSTED TO GRADE		
	28												28	638	10800	28	EACH	VALVE BOX ADJUSTED TO GRADE		
	60												60	638	98000	60	EACH	WATER WORK, MISC.: METER BOX ADJUSTED TO GRADE	9	
																			SANITARY SEWER	
	500												500	611	01401	500	FT	6" CONDUIT, TYPE E, AS PER PLAN (707.45) (SANITARY SEWER LATERAL REPAIR)	9	
			6										6	611	99654	6	EACH	MANHOLE ADJUSTED TO GRADE (SANITARY)		
			6										6	611	99660	6	EACH	MANHOLE RECONSTRUCTED TO GRADE (SANITARY)		
																			LIGHTING	
						75	9					84			625	00451	84	EACH	CONNECTION, FUSED PULL APART, AS PER PLAN	76
						25	3					28			625	00460	28	EACH	CONNECTION, UNFUSED PULL APART	
						6	6					12			625	00480	12	EACH	CONNECTION, UNFUSED PERMANENT	
						25	3					28			625	10481	28	EACH	LIGHT POLE, DECORATIVE, AS PER PLAN	76
						25	3					28			625	14000	28	EACH	LIGHT POLE FOUNDATION, 24" X 6' DEEP	
						22,347	2,721					25,068			625	23000	25,068	FT	NO. 4 AWG 600 VOLT DISTRIBUTION CABLE	

CALCULATED DMS CHECKED AJH
GENERAL SUMMARY
ALL-66-11.22
 18
 110

HATCH LEGEND
SEE SHEET 14 OF THE PLANS FOR HATCH LEGEND

INTERSECTION:
STA. 31+15.70 (MAIN ST)
STA. 60+00.00 (CLEVELAND ST)



PLAN AND PROFILE - MAIN STREET
STA. 31+00 TO STA. 36+00

ALL-66-11.22

[2] ADDENDUM #2 - 1-20-23 [1] ADDENDUM #1 - 12-19-22