

Z:\2020\200640\CAD\001\12372\Design\Roadway\Sheets\12372\_GG001.dgn Sheet 11/8/2022 10:58:30 AM jpcarrroll

SHEET NUM.					PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
8	10	11	15	25	01/S>2/BR	02/S>2/04	EXT	TOTAL			
										<b>ROADWAY</b>	
						201	11000	LS		CLEARING AND GRUBBING	
313					313	202	23000	313	SY	PAVEMENT REMOVED	
599					599	202	30000	599	SF	WALK REMOVED	
160					160	202	32000	160	FT	CURB REMOVED	
36					36	202	35100	36	FT	PIPE REMOVED, 24" AND UNDER	
17					17	202	35200	17	FT	PIPE REMOVED, OVER 24"	
51					51	202	75000	51	FT	FENCE REMOVED	
	25	56			81	203	10000	81	CY	EXCAVATION	
	3	6			9	203	20000	9	CY	EMBANKMENT	
331					331	204	10000	331	SY	SUBGRADE COMPACTION	
72					72	252	01500	72	FT	FULL DEPTH PAVEMENT SAWING	
74					74	607	23000	74	FT	FENCE, TYPE CLT	
1					1	607	61200	1	EACH	GATE, TYPE CLT	
726					726	608	10000	726	SF	4" CONCRETE WALK	
160					160	609	24510	160	FT	CURB, TYPE 4-C	
										<b>EROSION CONTROL</b>	
42					42	659	00300	42	CY	TOPSOIL	
374					374	659	10000	374	SY	SEEDING AND MULCHING	
0.1					0.1	659	20000	0.1	TON	COMMERCIAL FERTILIZER	
0.1					0.1	659	31000	0.1	ACRE	LIME	
1					1	659	35000	1	MGAL	WATER	
5,000					5,000	832	30000	5,000	EACH	EROSION CONTROL	
										<b>DRAINAGE</b>	
37					37	611	07400	37	FT	18" CONDUIT, TYPE B	
34					34	611	13400	34	FT	30" CONDUIT, TYPE B	
7					7	611	13600	7	FT	30" CONDUIT, TYPE C	
3					3	611	99574	3	EACH	MANHOLE, NO. 3	
										<b>PAVEMENT</b>	
27					27	301	56000	27	CY	ASPHALT CONCRETE BASE, PG64-22, (449)	
48					48	304	20000	48	CY	AGGREGATE BASE	
30					30	407	10000	30	GAL	TACK COAT	
23					23	441	50000	23	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	
19					19	452	10010	19	SY	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P	
										<b>SANITARY SEWER</b>	
					76	202	35100	76	FT	PIPE REMOVED, 24" AND UNDER	
					2	202	58000	2	EACH	MANHOLE REMOVED	
					75	611	00900	75	FT	6" CONDUIT, TYPE B	
					10	611	01801	10	FT	8" CONDUIT, TYPE B, AS PER PLAN	27
					2	611	99574	2	EACH	MANHOLE, NO. 3	
						SPECIAL	69098400	LS		SPECIAL - BYPASS PUMPING	27
										<b>RETAINING WALLS</b>	
					80	SPECIAL	53050010	80	SF	RETAINING WALL (CELLULAR)	12
										<b>STRUCTURE 20 FOOT SPAN AND UNDER (MOT-3048T-0003)</b>	
						202	11001	LS		STRUCTURE REMOVED, AS PER PLAN	14
						503	11100	LS		COFFERDAMS AND EXCAVATION BRACING	
					530	503	21100	530	CY	UNCLASSIFIED EXCAVATION	
					6,317	509	10000	6,317	LB	EPOXY COATED REINFORCING STEEL	
					19	511	46010	19	CY	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING	

removed 832 15000, 15002, 15010 Storm Water Pollution Prevention Plan, software, Inspections pay items



GENERAL SUMMARY

MOT - OLENT ANGY DRIVE BRIDGE REPL. PID 112372

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SHEET NUM.								PART.		ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
8	10	11	15	25			01/S>2/ BR	02/S>2/ 04							
													<b>STRUCTURE 20 FOOT SPAN AND UNDER (MOT-3048T-0003) CONTINUED</b>		
			62				62		511	46510	62	CY	CLASS QC1 CONCRETE, FOOTING		
			6				6		511	46610	6	CY	CLASS QC1 CONCRETE, HEADWALL		
			84				84		512	10100	84	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)		
			249				249		512	33000	249	SY	TYPE 2 WATERPROOFING		
			101				101		516	13600	101	SF	1" PREFORMED EXPANSION JOINT FILLER		
			85				85		517	76300	85	FT	RAILING, MISC.: PEDESTRIAN TUBULAR STEEL, AS PER PLAN	14	
			18				18		518	21200	18	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC		
			33				33		601	32210	33	CY	ROCK CHANNEL PROTECTION, TYPE C WITH AGGREGATE FILTER		
			54				54		602	98000	54	LS	MASONRY, MISC.:SALVAGED MASONRY STONE		
			67				67		611	96493	67	FT	20' X 4' CONDUIT, TYPE A, T06.05, AS PER PLAN	14	
													<b>INCIDENTALS</b>		
									614	11000		LS	MAINTAINING TRAFFIC		
									614	12420		LS	DETOUR SIGNING		
									623	10000		LS	CONSTRUCTION LAYOUT STAKES AND SURVEYING		
				8			8		623	40520	8	EACH	RIGHT-OF-WAY MONUMENT, TYPE B		
									624	10000		LS	MOBILIZATION		

**GENERAL SUMMARY**

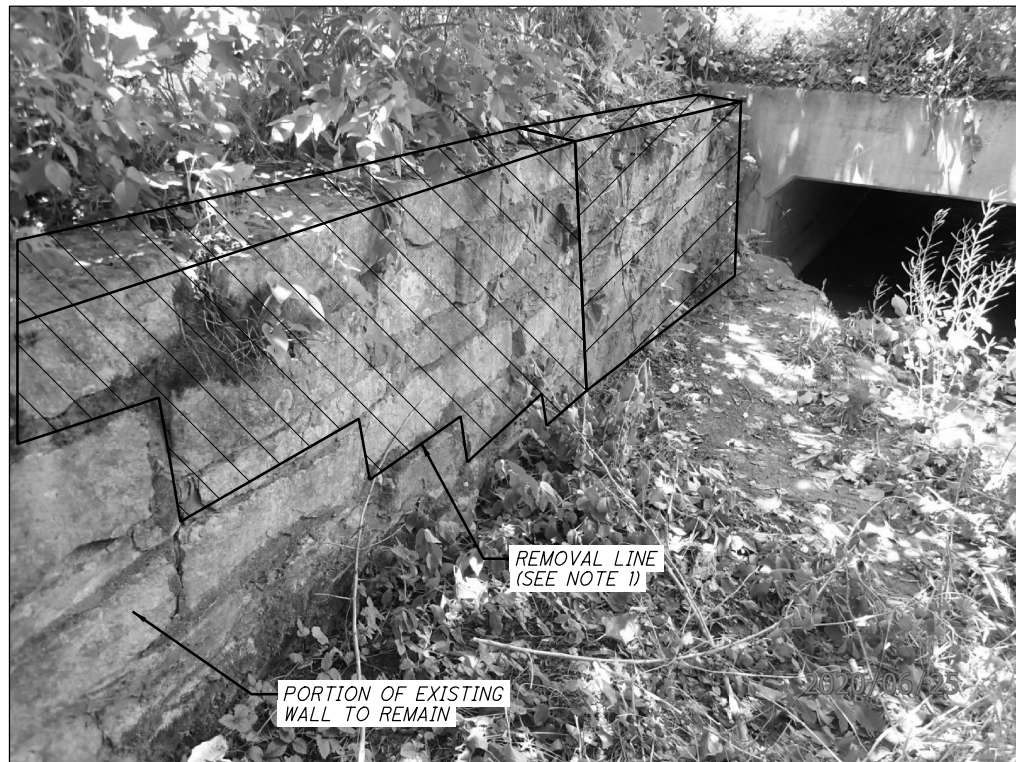
**MOT - OLENT ANGY  
DRIVE BRIDGE REPL.  
PID 112372**

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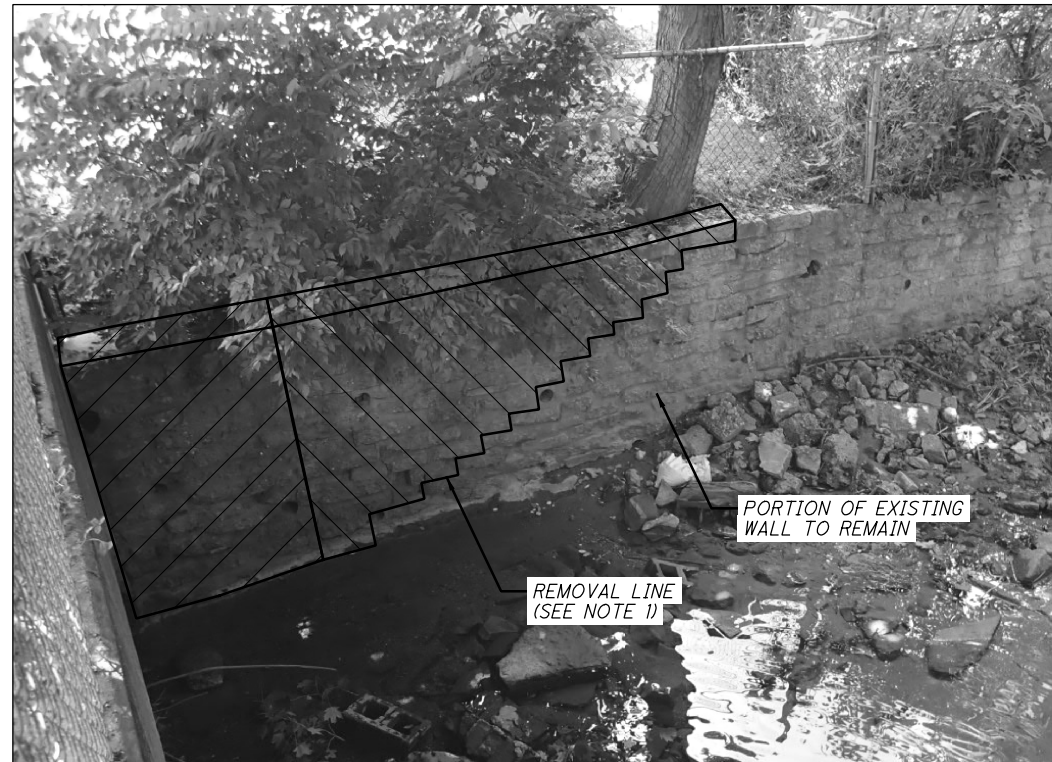
ESTIMATED QUANTITIES				CALC.	DATE	CHK'D	DATE
ITEM	ITEM EXT.	UNIT	DESCRIPTION	JPC	8/26/2021	JMK	8/30/2021
				TOTAL	SHEET REFERENCE		
202	11001		STRUCTURE REMOVED, AS PER PLAN	LS	2 / 11		
503	11100		COFFERDAMS AND EXCAVATION BRACING	LS			
503	21100	CY	UNCLASSIFIED EXCAVATION	503			
509	10000	LB	EPOXY COATED REINFORCING STEEL	6,317			
511	46010	CY	CLASS QCI CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING	19			
511	46510	CY	CLASS QCI CONCRETE, FOOTING	62			
511	46610	CY	CLASS QCI CONCRETE, HEADWALL	6			
512	10100	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	84			
512	33000	SY	TYPE 2 WATERPROOFING	249			
516	13600	SF	1" PREFORMED EXPANSION JOINT FILLER	101			
517	76300	FT	RAILING MISC.: PEDESTRIAN TUBULAR STEEL, AS PER PLAN	85	2 / 11		
518	21200	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	18			
601	32210	CY	ROCK CHANNEL PROTECTION, TYPE C WITH AGGREGATE FILTER	33			
602	98000		MASONRY, MISC.: SALVAGED MASONRY STONE	LS	2 / 11		
611	96493	FT	20' X 4' CONDUIT, TYPE A, 706.05, AS PER PLAN	54	2 / 11		
613	41200	CY	LOW STRENGTH MORTAR BACKFILL	67			

SANITARY SEWER ESTIMATED QUANTITIES				TOTAL
ITEM	ITEM EXT.	UNIT	DESCRIPTION	
202	35100	FT	PIPE REMOVED, 24" AND UNDER	76
202	58000	EA	MANHOLE REMOVED	2
611	00900	FT	6" CONDUIT, TYPE B	75
611	01801	FT	8" CONDUIT, TYPE B, AS PER PLAN	10
611	99574	EA	MANHOLE, NO. 3	2
690	98400		SPECIAL - BYPASS PUMPING	LS

QUANTITIES FOR THE SANITARY SEWER PORTION OF THE PROJECT ARE THE RESPONSIBILITY OF THE CITY OF RIVERSIDE, SEE SHEET 27 AND 28.



**INLET EXISTING WALL**  
LOOKING WEST



**OUTLET EXISTING WALL**  
LOOKING WEST

**LEGEND:**

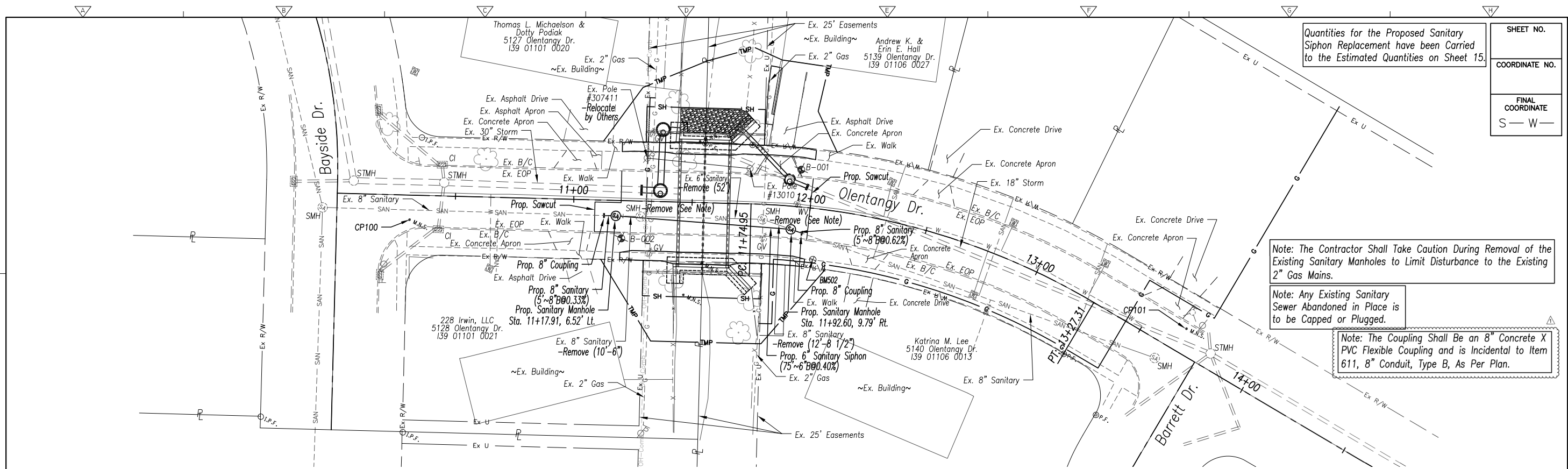
- = INDICATES PERMANENT WALL REMOVAL AREA
- = INDICATES AREA TO RELAY SALVAGED STONES AFTER THE NEW CAST-IN-PLACE WINGWALL HAS BEEN CONSTRUCTED AND RECONSTRUCT EXISTING WALL (SEE NOTE 2)

**NOTES:**

1. THE REMOVAL LIMITS SHOWN ARE CONCEPTUAL, AS THE STONE AND MORTAR JOINTS NEED TO BE FIELD VERIFIED BY THE CONTRACTOR. REFER TO SHEET 4 OF 11 FOR THE LIMITS OF THE PERMANENT WALL AREA TO BE REMOVED.
2. ALL WORK AND COSTS TO SALVAGE THE EXISTING STONES TO RECONSTRUCT A PORTION OF THE EXISTING RETAINING WALL SHALL BE INCLUDED IN ITEM 602 - MASONRY, MISC.: SALVAGED MASONRY STONE.
3. REFER TO SHEET 9 OF 11 FOR THE LIMITS OF THE NEW CAST-IN-PLACE WINGWALL.

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DESIGN AGENCY: fishbeck  
 10866 W. MAN HWY  
 SUITE 115  
 CINCINNATI, OH 45242  
 (513) 465-2370  
 DESIGNER: JPC  
 CHECKED: JMK  
 DRAWN: JMK  
 REVIEWED: TTK  
 DATE: 9/1/21  
 FILE NUMBER: 5770743  
 ESTIMATED QUANTITIES  
 BRIDGE NO. MOT-3048T-0003  
 OLENTANGY DRIVE OVER LILLY CREEK  
 MOT-OLENTANGY DR. BRIDGE REPL.  
 PID No. 112372  
 3 / 11  
 15  
 28



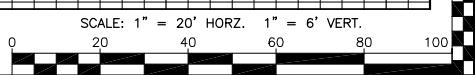
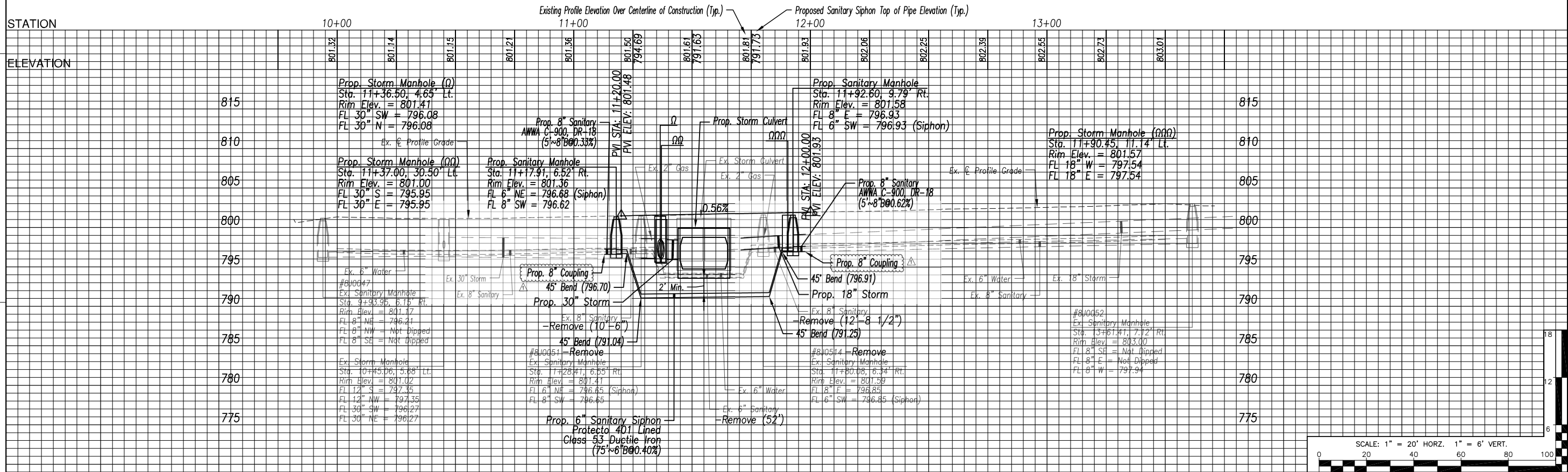
Quantities for the Proposed Sanitary Siphon Replacement have been Carried to the Estimated Quantities on Sheet 15.

SHEET NO.  
COORDINATE NO.  
FINAL COORDINATE  
S — W

Note: The Contractor Shall Take Caution During Removal of the Existing Sanitary Manholes to Limit Disturbance to the Existing 2" Gas Mains.

Note: Any Existing Sanitary Sewer Abandoned in Place is to be Capped or Plugged.

Note: The Coupling Shall Be an 8" Concrete X PVC Flexible Coupling and is Incidental to Item 611, 8" Conduit, Type B, As Per Plan.



	DESIGNED BY: <b>D.A.B.</b>	<p>1850 Spaulding Road Kettering, Ohio 45432 Tel: (937) 781-2550</p>	<p><b>OLENTANGY DRIVE</b> (MOT-3048T-0003)</p>	<p><b>SANITARY SIPHON REPLACEMENT</b> PLAN AND PROFILE</p>	PROJECT NO. 200640pp.dwg
	DRAWN BY: <b>T.E.S.</b>				FILE NAME: 200640pp.dwg
	SHEET CHK'D BY: <b>J.P.C.</b>				SHEET NO. 27 OF 28
	CROSS CHK'D BY: <b>J.S.</b>				
APPROVED BY: <b>D.A.B.</b>	DATE: <b>08/31/2021</b>				
REV. NO.	REMARKS				