

P:\Broadview Hts - City of\20170056.000 CUY CR57-4.43 Wallings Rd\CUY\106239\Design\Structures\077_0443L_Sheets\077_0443L_S000.dgn Sheet 8/26/2024 9:58:33 AM kcendrosky

ESTIMATED QUANTITIES

CALC. BY: EIW DATE: 03/22/24 CHKD. BY: PJW DATE: 03/22/24

PARTICIPATION		ITEM	EXTENSION	TOTAL	UNIT	DESCRIPTION	ABUT.	PIERS	SUPER.	GEN.	SHEET #
02/SAF/13	03/NFP/05										
LS		202	11203	LS	LS	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN					2/33 3/33
156		202	22900	156	SY	APPROACH SLAB REMOVED				156	
LS		503	11101	LS	LS	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN					2/33
549		503	21100	549	CY	UNCLASSIFIED EXCAVATION	484	65			
72		503	31120	72	CY	SHALE EXCAVATION		72			
180100		509	10001	180100	LB	EPOXY COATED STEEL REINFORCEMENT, AS PER PLAN	8125	16552	142347	13076	2/33
500		509	20001	500	LB	CONCRETE REINFORCEMENT, REPLACEMENT OF EXISTING CONCRETE REINFORCEMENT, AS PER PLAN	500				2/33
460		510	10000	460	EACH	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT	256	204			
4		511	33500	4	EACH	SEMI-INTEGRAL DIAPHRAGM GUIDE	4				
601		511	34447	601	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK, AS PER PLAN			601		21/33 22/33 24/33
71		511	34450	71	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET)				71	
45		511	42012	45	CY	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS		45			
149		511	43512	149	CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT INCLUDING FOOTING (*)	149				
57		511	46512	57	CY	CLASS QC1 CONCRETE WITH QC/QA, FOOTING (*)		57			
	65	511	81100	65	FT	CONCRETE MISC.: 8" PVC CASING PIPE, 748.02	65				3/33
468		512	10050	468	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)			419	49	
1135		512	10100	1135	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	101	316	678	40	
49		512	33000	49	SY	TYPE 2 WATERPROOFING	49				
472428	361	513	10260	472789	LB	STRUCTURAL STEEL MEMBERS, LEVEL 3			472789		3/33
7938		513	20000	7938	EACH	WELDED STUD SHEAR CONNECTORS			7938		
22204		514	00060	22204	SF	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT			22204		2/33
22204		514	00066	22204	SF	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT			22204		2/33
14		514	10000	14	EACH	FINAL INSPECTION REPAIR			14		
110		516	10010	110	FT	ARMORLESS PREFORMED JOINT SEAL				110	
13		516	13600	13	SF	1" PREFORMED EXPANSION JOINT FILLER	13				
77		516	13900	77	SF	2" PREFORMED EXPANSION JOINT FILLER	77				
117		516	14020	117	FT	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL	117				
14		516	44301	14	EACH	(14"X14"X4.47") ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (15"X15"X1.50") (NEOPRENE), AS PER PLAN	14				20/33
21		516	44301	21	EACH	(14"X22"X4.47") ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (15"X23"X2.28") (NEOPRENE), AS PER PLAN		21			20/33
85		518	21200	85	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	85				
77		518	40000	77	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	77				
70		518	40010	70	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	70				
10		519	11101	10	SF	PATCHING CONCRETE STRUCTURE, AS PER PLAN		10			2/33 13/33
304		526	25011	304	SY	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15"), AS PER PLAN				304	30/33 31/33
110		526	90031	110	FT	TYPE C INSTALLATION, AS PER PLAN				110	30/33 31/33
610		607	39901	610	FT	VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC, AS PER PLAN				610	29/33

(*) - SEE FOOTING NOTE SHEET 2/33.

DESIGN AGENCY
OSBORN ENGINEERING
CLEVELAND, OHIO

DATE
05/17/24
REVIEWED
SMK
STRUCTURE FILE NUMBER
1805975

DRAWN
EIW
REVISED
DESIGNED
EIW
CHECKED
PJW

STRUCTURE ESTIMATED QUANTITIES
BRIDGE NO. CUY-77-0479
WALLINGS ROAD OVER I-77

CUY-77-4.79
PID No. 106239

4/33

171
217