

SUBMITTAL: Pre Tracings
 PID: 87642
 PLOT DRIVER: 000TV8I_PDF_Half.pltcf
 PENTABLE: 87642_000TV8I_Pen.tbl
 pw:\gfnnet-pw-01\Documents\Projects\58677\87642\structures\LICThwDX_0010S\sheets\06_sq001.dgn 2/23/2023 4:41:03 PM modonnell

LIC-THWDX-0010 ESTIMATED BRIDGE QUANTITIES - 01/BRO/BR/NEWA								CALC:	CHECK:
ITEM	ITEM EXT.	TOTAL QUANTITY	UNIT	DESCRIPTION	ABUTMENT	PIERS	SUPER	GENERAL	APP/REF SHEET NO.
503	11100	LS		COFFERDAMS AND EXCAVATION BRACING				LS	
503	21100	436	CY	UNCLASSIFIED EXCAVATION		436			
505	11100	LS		PILE DRIVING EQUIPMENT MOBILIZATION				LS	
507	00600	6,025	FT	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN	3,040	2,985			
507	00651	6,630	FT	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED, AS PER PLAN	3,360	3,270			4
507	92200	864	FT	PREBORED HOLES	864				
509	10001	390,167	LB	EPOXY COATED REINFORCING STEEL, AS PER PLAN	22,103	89,606	278,458		26
509	30020	14,945	FT	NO.4. GFRP DEFORMED BARS			14,945		
511	33500	2	EACH	SEMI-INTEGRAL DIAPHRAGM GUIDE	2				
511	34446	981	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK			981		
511	34451	149	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN			149		4
511	40512	418	CY	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS		418			
511	44112	113	CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING	113				
511	46512	252	CY	CLASS QC1 CONCRETE WITH QC/QA, FOOTING	141	111			
512	10001	575	SY	SEALING OF CONCRETE SURFACES, AS PER PLAN (PERMANENT GRAFFITI PROTECTION)		575			4
512	10050	1,056	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)			1,056		
512	10100	753	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	179	581			
512	33000	22	SY	TYPE 2 WATERPROOFING	22				
513	10281	1,211,925	LB	STRUCTURAL STEEL MEMBERS, LEVEL 4, AS PER PLAN			1,211,925		21, 22
513	20000	11,520	EACH	WELDED STUD SHEAR CONNECTORS			11,520		
516	13601	17	SF	1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN			17		4
516	13901	132	SF	2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	132				4
516	14020	178	FT	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL	178				
516	14600	140	FT	STRUCTURAL JOINT OR JOINT SEALER, MISC.: EMSEAL WITH SLEEPER SLAB	140				4
516	44200	8	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (25"x20"x3.81" BEARING WITH 26"x21" BEVELED LOAD PLATE)		8			
516	44200	8	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (25"x20"x3.81" BEARING WITH 36"x21" BEVELED LOAD PLATE)		8			
516	44300	8	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (18.50"x15.50"x5.00" BEARING WITH 19.50"x16.50" LOAD PLATES AND W12x65 PEDESTAL)	8				
516	44300	8	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (18.50"x15.50"x4.41" BEARING WITH 19.50"x16.50" LOAD PLATES AND W12x65 PEDESTAL)	8				
518	21200	74	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	74				
518	40000	212	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	212				
518	40012	60	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE	60				
523	20000	4	EACH	DYNAMIC LOAD TESTING	2	2			
526	30011	476	SY	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=17"), AS PER PLAN	476				39 40
SPECIAL	53000600	2,784	SF	STRUCTURES: AESTHETIC TREATMENT (CONCRETE FORMLINER/STAIN)			2,784		4
601	32104	882	CY	ROCK CHANNEL PROTECTION, TYPE B WITH GEOTEXTILE FABRIC	882				
613	41201	856	CY	LOW STRENGTH MORTAR BACKFILL, AS PER PLAN	856				4