

CROSSINGS AND CONNECTIONS TO EXISTING PIPES AND UTILITIES

WHERE PLANS PROVIDE FOR A PROPOSED CONDUIT TO BE CONNECTED TO, OR CROSS OVER OR UNDER AN EXISTING SEWER OR UNDERGROUND UTILITY, THE CONTRACTOR SHALL LOCATE THE EXISTING PIPES OR UTILITIES BOTH AS TO LINE AND GRADE BEFORE STARTING TO LAY THE PROPOSED CONDUIT.

IF IT IS DETERMINED THAT THE ELEVATION OF THE EXISTING CONDUIT, OR EXISTING APPURTENANCE TO BE CONNECTED, DIFFERS FROM THE PLAN ELEVATION OR RESULTS IN A CHANGE IN THE PLAN CONDUIT SLOPE, THE ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WILL BE AFFECTED BY THE VARIANCE IN THE EXISTING ELEVATIONS.

IF IT IS DETERMINED THAT THE PROPOSED CONDUIT WILL INTERSECT AN EXISTING SEWER OR UNDERGROUND UTILITY IF CONSTRUCTED AS SHOWN ON THE PLAN, THE ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WOULD BE AFFECTED BY THE INTERFERENCE WITH AN EXISTING FACILITY.

PAYMENT FOR ALL THE OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEM.

REVIEW OF DRAINAGE FACILITIES

BEFORE ANY WORK IS STARTED ON THE PROJECT AND AGAIN BEFORE FINAL ACCEPTANCE BY THE STATE, REPRESENTATIVES OF THE STATE AND THE CONTRACTOR, ALONG WITH LOCAL REPRESENTATIVES, SHALL MAKE AN INSPECTION OF ALL EXISTING SEWERS WHICH ARE TO REMAIN IN SERVICE AND WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCE SHALL BE DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE INSPECTION SHALL BE KEPT IN WRITING BY THE STATE.

ALL NEW CONDUITS, INLETS, CATCH BASINS, AND MANHOLES CONSTRUCTED AS A PART OF THE PROJECT SHALL BE FREE OF ALL FOREIGN MATTER AND IN A CLEAN CONDITION BEFORE THE PROJECT WILL BE ACCEPTED BY THE STATE.

ALL EXISTING SEWERS INSPECTED INITIALLY BY THE ABOVE MENTIONED PARTIES SHALL BE MAINTAINED AND LEFT IN A CONDITION REASONABLY COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION. ANY CHANGE IN THE CONDITION RESULTING FROM THE CONTRACTORS OPERATIONS SHALL BE CORRECTED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEMS.

ITEM SPECIAL - FIELD OFFICE OVERHEAD AND HOME OFFICE OVERHEAD, DAILY RATE

THE PROJECT IS EXPECTED TO INCUR DELAYS BY THE RAILROAD COMPANY AND UTILITY COMPANY DURING THE COURSE OF CONSTRUCTION. THE CONTRACTOR WILL BE DELAYED IN ACCORDANCE WITH 2019 CONSTRUCTION & MATERIAL SPECIFICATIONS (C&MS) SECTION 108.06.D.2 DELAYS DUE TO RAILROAD OR UTILITY INTERFERENCE WITHIN THE PROJECT LIMITS.

THESE DELAYS ARE EXCUSABLE, COMPENSABLE IN ACCORDANCE WITH C&MS 109.05.D. SPECIFICALLY, 109.05.D.2.E FIELD OVERHEAD AND 109.05.D.2.F HOME OFFICE OVERHEAD. THE DAILY RATE BID FOR THIS PAY ITEM WILL INCLUDE THE DAILY COSTS FOR ALL ITEMS INCLUDED IN 109.05.D2.D FIELD OFFICE OVERHEAD AND THE DAILY COSTS FOR ALL ITEMS INCLUDED IN 109.05.D.2.F HOME OFFICE OVERHEAD. AS DELAY DAYS DUE TO THE RAILROAD COMPANY UTILITY COMPANY ARE INCURRED, THE CONTRACTOR WILL BE COMPENSATED BY THIS DAILY RATE TO COVER ALL COSTS FOR FIELD OVERHEAD AND HOME OFFICE OVERHEAD. THIS DAILY RATE WILL NOT INCLUDE OTHER ALLOWABLE DELAY COSTS INCLUDING, BUT NOT LIMITED TO, MAINTENANCE OF TRAFFIC, EXTENDED LABOR, ESCALATED LABOR, IDLE EQUIPMENT OR EQUIPMENT DEMOBILIZATION, MATERIAL ESCALATION OR MATERIAL STORAGE.

THE ESTIMATED NUMBER OF DAYS FOR THIS PAY ITEM IS 30 DAYS.

THE FOLLOWING QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 690 SPECIAL - FIELD OFFICE OVERHEAD AND HOME OFFICE OVERHEAD, DAILY RATE - - - 30 DAY

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CALCULATED	HB	GENERAL NOTES
	CHECKED	
SNP		COL-ELIZABETH ST
5		67

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SHEET NUM.										PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE	CALCULATED	HB	CHECKED	SNP
5	6	26								01/BRF/BR		EXT	TOTAL			NO.				
		LS								LS	202	11203	LS		STRUCTURE OVER 20 FOOT SPAN (COL-ELIZB-0100, SFN 1560671)					
		642								642	202	23500	642	SY	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN	24				
		LS								LS	503	11100	LS		WEARING COURSE REMOVED					
		330								330	503	21100	330	CY	COFFERDAMS AND EXCAVATION BRACING					
		LS								LS	505	11100	LS		UNCLASSIFIED EXCAVATION					
		3,240								3,240	507	00500	3,240	FT	PILE DRIVING EQUIPMENT MOBILIZATION					
		2,065								2,065	507	00550	2,065	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN					
		1,540								1,540	507	00551	1,540	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED					
		188								188	507	92201	188	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED, AS PER PLAN	24				
		117,151								117,151	509	10000	117,151	LB	PREBORED HOLES, AS PER PLAN	24				
		2								2	511	33500	2	EACH	EPOXY COATED REINFORCING STEEL					
		267								267	511	34446	267	CY	SEMI-INTEGRAL DIAPHRAGM GUIDE					
		46								46	511	34450	46	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK					
		33								33	511	41012	33	CY	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET)					
		80								80	511	42012	80	CY	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS					
		30								30	511	44112	30	CY	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS					
		154								154	511	46512	154	CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING					
		49								49	511	51512	49	CY	CLASS QC1 CONCRETE WITH QC/QA, FOOTING					
		191								191	512	10050	191	SY	CLASS QC2 CONCRETE WITH QC/QA, SIDEWALK					
		985								985	512	10100	985	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)					
		210,299								210,299	513	10281	210,299	LB	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)					
		6,300								6,300	513	20000	6,300	EACH	STRUCTURAL STEEL MEMBERS, LEVEL 4, AS PER PLAN	24				
		62								62	516	10010	62	FT	WELDED STUD SHEAR CONNECTORS					
		21								21	516	13600	21	SF	ARMORLESS PREFORMED JOINT SEAL					
		84								84	516	13900	84	SF	1" PREFORMED EXPANSION JOINT FILLER					
		83								83	516	14020	83	FT	2" PREFORMED EXPANSION JOINT FILLER					
		10								10	516	44101	10	EACH	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL					
		10								10	516	44101	10	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (13" x 15" x 2.049" PAD WITH 16" x 14" x 2.314" BEVELED LOAD PLATE)	40				
		10								10	516	44101	10	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (12" x 14" x 2.948" PAD WITH 15" x 13" x 2.536" BEVELED PLATE)	40				
		10								10	516	44201	10	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN	40				
		133								133	517	75120	133	FT	(12" x 12" x 3.523" PAD WITH 15" x 13" x 1.500" TOP LOAD PLATE, 13" x 13" x 1.500" BOTTOM LOAD PLATE, MASONRY PLATE HP SECTION)					
		165								165	517	75122	165	FT	RAILING (CONCRETE PARAPET WITH TWIN STEEL TUBE RAILING)					
		32								32	518	21200	32	CY	RAILING (CONCRETE PARAPET WITH TWIN STEEL TUBE RAILING AND VANDAL PROTECTION FENCE)					
		90								90	518	40000	90	FT	POROUS BACKFILL WITH GEOTEXTILE FABRIC					
		66								66	518	40010	66	FT	6" PERFORATED CORRUGATED PLASTIC PIPE					
		3								3	523	20000	3	EACH	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS					
		107								107	526	10010	107	SY	DYNAMIC LOAD TESTING					
		62								62	526	90030	62	FT	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=12")					
		240								240	SPECIAL	53000600	240	SF	TYPE C INSTALLATION					
		LS								LS	SPECIAL	53014000	LS		STRUCTURES: EXISTING STONE WALL REPAIR	25				
		905								905	601	20000	905	SY	STRUCTURAL SURVEY AND MONITORING OF VIBRATION	25				
		165								165	607	39900	165	FT	CRUSHED AGGREGATE SLOPE PROTECTION					
		165								165	607	39921	165	FT	VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC					
		LS								LS	SPECIAL	69091000	LS		VANDAL PROTECTION FENCE, 10' CURVED, COATED FABRIC, AS PER PLAN	25				
		LS								LS	SPECIAL	69091000	LS		AS-BUILT CONSTRUCTION PLANS	25				
		LS								LS	614	12420	LS		MAINTENANCE OF TRAFFIC					
		10								10	614	13000	10	CY	DETOUR SIGNING					
		0.06								0.06	614	21100	0.06	MILE	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC					
		5								5	616	10000	5	MGAL	WORK ZONE CENTER LINE, CLASS I, 642 PAINT					
															WATER					
															INCIDENTALS					
										LS	614	11000	LS		MAINTAINING TRAFFIC					
										12	619	16010	12	MNTH	FIELD OFFICE, TYPE B					
										LS	623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING					
										LS	624	10000	LS		MOBILIZATION					
30										30	SPECIAL	69099500	30	DAY	FIELD OFFICE OVERHEAD AND HOME OFFICE OVERHEAD, DAILY RATE					

GENERAL SUMMARY

COL-ELIZABETH ST