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CHECKED BY: B. Williams

APPROVED BY: R. DeGroot

CONTRACTOR'S BID TABULATION  
PROJECT: LEETOWN CREEKWAY BOX CULVERT FROM DEAN AVE TO UPRR

ESTIMATE

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	Traffic Control	1	LS	\$7,500.00	\$7,500.00	\$25,000.00	\$25,000.00	\$8,000.00	\$8,000.00					
2	Clearing & Grubbing	1	LS	\$75,000.00	\$75,000.00	\$50,000.00	\$50,000.00	\$34,500.00	\$34,500.00					
3	Excavation, Class 10	4600	CY	\$30.00	\$138,000.00	\$15.00	\$69,000.00	\$45.00	\$207,000.00					
4	Trench Foundation	1000	TONS	\$35.00	\$35,000.00	\$35.00	\$35,000.00	\$41.00	\$41,000.00					
5	PCC Pipe Encasement	100	LF	\$200.00	\$20,000.00	\$335.00	\$33,500.00	\$350.00	\$35,000.00					
6	Ductile Iron (D.I.) Sanitary Sewer, 6"	60	LF	\$300.00	\$18,000.00	\$475.00	\$28,500.00	\$315.00	\$18,900.00					
7	Ductile Iron (D.I.) Sanitary Sewer, 12"	100	LF	\$450.00	\$45,000.00	\$293.00	\$29,300.00	\$600.00	\$60,000.00					
8	PVC Storm Sewer, 10"	25	LF	\$175.00	\$4,375.00	\$213.00	\$5,325.00	\$200.00	\$5,000.00					
9	Reinforced Concrete Pipe (RCP), 15"	26	LF	\$250.00	\$6,500.00	\$344.00	\$8,944.00	\$200.00	\$5,200.00					
10	Reinforced Concrete Pipe (RCP), 24"	6	LF	\$250.00	\$1,500.00	\$1,320.00	\$7,920.00	\$300.00	\$1,800.00					
11	Reinforced Concrete Pipe (RCP), 36"	5	LF	\$300.00	\$1,500.00	\$622.00	\$3,110.00	\$350.00	\$1,750.00					
12	Reinforced Concrete Pipe (RCP), 42"	29	LF	\$350.00	\$10,150.00	\$315.00	\$9,135.00	\$400.00	\$11,600.00					
13	Steel Casing Pipe, 84" ID, Trenchless	627	LF	\$3,350.00	\$2,100,450.00	\$2,515.00	\$1,576,905.00	\$3,573.00	\$2,240,271.00					
14	Reinforced Concrete Box (RCB) Culvert, 4'x4'	617	LF	\$525.00	\$323,925.00	\$950.00	\$586,150.00	\$2,661.30	\$1,642,022.10					
15	Reinforced Concrete Box (RCB) Culvert, 6'x6'	35	LF	\$800.00	\$28,000.00	\$1,000.00	\$35,000.00	\$2,150.00	\$75,250.00					
16	Reinforced Concrete Box (RCB) Culvert, 12'x7'	623	LF	\$1,400.00	\$872,200.00	\$1,650.00	\$1,027,950.00	\$3,327.75	\$2,073,188.25					
17	Reinforced Concrete Box (RCB) Culvert, 4'x4', Haul & Install	48	LF	\$300.00	\$14,400.00	\$500.00	\$24,000.00	\$1,725.00	\$82,800.00					
18	Reinforced Concrete Box (RCB) Culvert, 12'x7', Haul & Install	42	LF	\$900.00	\$37,800.00	\$500.00	\$21,000.00	\$1,925.00	\$80,850.00					
19	RCB End Section, 4'x4'	1	EA	\$6,000.00	\$6,000.00	\$6,350.00	\$6,350.00	\$6,500.00	\$6,500.00					
20	RCB End Section, 6'x6'	1	EA	\$8,000.00	\$8,000.00	\$7,250.00	\$7,250.00	\$7,500.00	\$7,500.00					
21	RCB End Section, 12'x7'	1	EA	\$10,000.00	\$10,000.00	\$16,320.00	\$16,320.00	\$16,500.00	\$16,500.00					
22	12'x7' RCB Connection Collar	1	EA	\$40,000.00	\$40,000.00	\$34,250.00	\$34,250.00	\$36,000.00	\$36,000.00					
23	4'x4' RCB Connection Collar	1	EA	\$25,000.00	\$25,000.00	\$19,000.00	\$19,000.00	\$25,000.00	\$25,000.00					
24	6'x6 RCB Plug	1	EA	\$5,000.00	\$5,000.00	\$12,400.00	\$12,400.00	\$5,725.00	\$5,725.00					
25	Culvert/Sewer Abandonment	10	CY	\$350.00	\$3,500.00	\$190.00	\$1,900.00	\$250.00	\$2,500.00					
26	Removal of Sewer, 6"	60	LF	\$15.00	\$900.00	\$14.00	\$840.00	\$20.00	\$1,200.00					
27	Removal of Sewer, 10"	40	LF	\$15.00	\$600.00	\$14.00	\$560.00	\$20.00	\$800.00					
28	Removal of Sewer, 12"	100	LF	\$15.00	\$1,500.00	\$17.00	\$1,700.00	\$20.00	\$2,000.00					
29	Removal of Sewer, 24"	5	LF	\$40.00	\$200.00	\$36.00	\$180.00	\$50.00	\$250.00					
30	Removal of Sewer, 42"	20	LF	\$40.00	\$800.00	\$40.00	\$800.00	\$50.00	\$1,000.00					
31	Removal of Concrete Box Culvert	330	LF	\$200.00	\$66,000.00	\$219.00	\$72,270.00	\$1,037.58	\$342,401.40					
32	Removal of Dean Avenue Tee Box Culvert	30	LF	\$500.00	\$15,000.00	\$413.00	\$12,390.00	\$400.00	\$12,000.00					
33	Removal of RCP Apron, 24"	1	EA	\$500.00	\$500.00	\$410.00	\$410.00	\$800.00	\$800.00					
34	Removal of RCP Apron, 42"	1	EA	\$500.00	\$500.00	\$632.00	\$632.00	\$1,500.00	\$1,500.00					
35	Pipe Apron, 24" RCP	1	EA	\$2,500.00	\$2,500.00	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00					
36	Pipe Apron, 84" RCP	6	EA	\$7,500.00	\$45,000.00	\$18,400.00	\$110,400.00	\$9,500.00	\$57,000.00					
37	Footing for 24" RCP Apron	1	EA	\$2,000.00	\$2,000.00	\$2,940.00	\$2,940.00	\$750.00	\$750.00					
38	Footing for 84" RCP Apron	6	EA	\$5,000.00	\$30,000.00	\$5,265.00	\$31,590.00	\$5,500.00	\$33,000.00					
39	Footing for 4'x4' RCB End Section	1	EA	\$3,000.00	\$3,000.00	\$4,580.00	\$4,580.00	\$1,650.00	\$1,650.00					
40	Footing for 6'x6' RCB End Section	1	EA	\$4,000.00	\$4,000.00	\$5,900.00	\$5,900.00	\$2,100.00	\$2,100.00					
41	Footing for 12'x7' RCB End Section	1	EA	\$5,000.00	\$5,000.00	\$7,400.00	\$7,400.00	\$3,425.00	\$3,425.00					
42	Water Service, 4" C900, DR-14	400	LF	\$75.00	\$30,000.00	\$154.00	\$61,600.00	\$125.00	\$50,000.00					
43	Gate Valve	1	EA	\$2,500.00	\$2,500.00	\$2,080.00	\$2,080.00	\$2,250.00	\$2,250.00					
44	Meter Pit	1	LS	\$5,000.00	\$5,000.00	\$7,650.00	\$7,650.00	\$7,000.00	\$7,000.00					
45	Prepare Excavation for Tapping Sleeve & Valve	1	LS	\$7,500.00	\$7,500.00	\$5,360.00	\$5,360.00	\$8,000.00	\$8,000.00					
46	Manhole, SW-405, Modified	2	EA	\$4,000.00	\$8,000.00	\$2,635.00	\$5,270.00	\$4,750.00	\$9,500.00					
47	Intake, SW-511	2	EA	\$4,000.00	\$8,000.00	\$4,600.00	\$9,200.00	\$6,500.00	\$13,000.00					
48	Remove Manhole or Intake	2	EA	\$1,000.00	\$2,000.00	\$860.00	\$1,720.00	\$2,000.00	\$4,000.00					

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49	PCC Pavement, 10"	360 SY	\$100.00	\$36,000.00	\$130.00	\$46,800.00	\$110.00	\$39,600.00
50	PCC Curb and Gutter, 2.5' Wide, 6" Thick	30 LF	\$50.00	\$1,500.00	\$120.00	\$3,600.00	\$114.00	\$3,420.00
51	HMA Pavement	40 TON	\$200.00	\$8,000.00	\$262.00	\$10,480.00	\$250.00	\$10,000.00
52	PCC Sidewalk, 6"	100 SY	\$75.00	\$7,500.00	\$58.00	\$5,800.00	\$100.00	\$10,000.00
53	Granular Surfacing, Class A Crushed Stone	2000 TON	\$30.00	\$60,000.00	\$28.00	\$56,000.00	\$29.00	\$58,000.00
54	Pavement Removal	600 SY	\$15.00	\$9,000.00	\$7.50	\$4,500.00	\$15.00	\$9,000.00
55	Railroad Bridge Removal	1 LS	\$30,000.00	\$30,000.00	\$50,000.00	\$50,000.00	\$110,000.00	\$110,000.00
56	Railroad Track Removal	75 LF	\$30.00	\$2,250.00	\$47.00	\$3,525.00	\$37.00	\$2,775.00
57	Railroad Track Removal & Salvage	160 LF	\$75.00	\$12,000.00	\$45.00	\$7,200.00	\$73.00	\$11,680.00
58	Seeding, Fertilizing, Mulching for Hydraulic Seeding (Type 1)	4 ACRE	\$3,000.00	\$12,000.00	\$3,570.00	\$14,280.00	\$3,400.00	\$13,600.00
59	Stormwater Pollution Prevention	1 LS	\$7,500.00	\$7,500.00	\$4,725.00	\$4,725.00	\$4,500.00	\$4,500.00
60	Filter Socks	1000 LF	\$4.00	\$4,000.00	\$1.60	\$1,600.00	\$1.50	\$1,500.00
61	Removal of Filter Socks	1000 LF	\$1.00	\$1,000.00	\$0.50	\$500.00	\$0.50	\$500.00
62	Temporary Rolled Erosion Control Products (RECP), Type 4	6500 SY	\$3.00	\$19,500.00	\$1.90	\$12,350.00	\$1.80	\$11,700.00
63	Rip Rap, Class E, Furnish and Install	2500 TON	\$60.00	\$150,000.00	\$80.00	\$200,000.00	\$70.00	\$175,000.00
64	Rip Rap, Class E, Install Only	700 TON	\$35.00	\$24,500.00	\$40.00	\$28,000.00	\$40.00	\$28,000.00
65	Grout	250 CY	\$200.00	\$50,000.00	\$352.00	\$88,000.00	\$250.00	\$62,500.00
66	Stabilized Construction Entrance	500 TON	\$35.00	\$17,500.00	\$34.00	\$17,000.00	\$36.00	\$18,000.00
67	Erosion Control Mulching, Bonded Fiber Matrix	2 ACRE	\$5,000.00	\$10,000.00	\$2,625.00	\$5,250.00	\$2,500.00	\$5,000.00
68	Revet Mattresses	90 CY	\$500.00	\$45,000.00	\$648.00	\$58,320.00	\$6,000.00	\$540,000.00
69	Chain Link Fence, 96", Black Vinyl, 1.25" Mesh	750 LF	\$35.00	\$26,250.00	\$39.00	\$29,250.00	\$37.00	\$27,750.00
70	Chain Link Fence, 96", Galvanized	50 LF	\$30.00	\$1,500.00	\$30.50	\$1,525.00	\$29.00	\$1,450.00
71	Gate, Chain Link Fence, 96"	2 EA	\$1,500.00	\$3,000.00	\$1,155.00	\$2,310.00	\$1,100.00	\$2,200.00
72	Barbed Wire, Angled Arm	700 LF	\$2.00	\$1,400.00	\$1.85	\$1,295.00	\$1.75	\$1,225.00
73	Removal of Chain Link Fence	750 LF	\$4.00	\$3,000.00	\$4.20	\$3,150.00	\$4.00	\$3,000.00
74	Concrete Retaining Wall, 8"	10 CY	\$1,000.00	\$10,000.00	\$690.00	\$6,900.00	\$2,500.00	\$25,000.00
75	Concrete Steps	100 SF	\$200.00	\$20,000.00	\$135.00	\$13,500.00	\$317.00	\$31,700.00
76	Handrail	40 LF	\$200.00	\$8,000.00	\$130.00	\$5,200.00	\$100.00	\$4,000.00
77	Tree Protection Fence	1000 LF	\$5.00	\$5,000.00	\$3.15	\$3,150.00	\$3.00	\$3,000.00
78	Imported Granular Backfill	3500 TONS	\$35.00	\$122,500.00	\$26.00	\$91,000.00	\$22.00	\$77,000.00
79	Railroad Provisions	1 LS	\$175,000.00	\$175,000.00	\$250,000.00	\$250,000.00	\$1,500,000.00	\$1,500,000.00
80	Project Sign, Stormwater	1 EA	\$500.00	\$500.00	\$1,260.00	\$1,260.00	\$500.00	\$500.00
81	Mobilization	1 LS	\$539,300.00	\$539,300.00	\$377,570.00	\$377,570.00	\$1,100,000.00	\$1,100,000.00
TOTAL CONSTRUCTION COST				\$5,500,000.00		\$5,424,221.00		\$11,170,082.75
PERCENT OF ENGINEER'S ESTIMATE						-1.38%		+103.09%
						Low		