

2016-008 183rd Street - Nall Avenue to Mission Road				Engineer's Estimate		L.G. Barcus and Sons, Inc.		Pyramid Excavation & Construction Inc.		Clarkson Construction Company		Phillips Hardy, Inc.		R.A. Knapp Construction, Inc.		Pyramid Contractors, Inc.	
Item No.	Item	Quantity	Unit	Unit Price	Amount (Extension)	Unit Price	Amount (Extension)	Unit Price	Amount (Extension)	Unit Price	Amount (Extension)	Unit Price	Amount (Extension)	Unit Price	Amount (Extension)	Unit Price	Amount (Extension)
1.	Contractor Construction Staking	1	Lump Sum	23,000.00	23,000.00	15,000.00	15,000.00	25,000.00	25,000.00	28,600.00	28,600.00	30,100.00	30,100.00	21,000.00	21,000.00	65,000.00	65,000.00
2.	Clearing and Grubbing	1	Lump Sum	92,000.00	92,000.00	50,000.00	50,000.00	45,000.00	45,000.00	86,513.04	86,513.04	41,600.00	41,600.00	550,000.00	550,000.00	90,000.00	90,000.00
3.	Unclassified Excavation	18,219	C.Y.	15.00	273,285.00	7.10	129,354.90	7.00	127,533.00	4.34	79,070.46	7.60	138,464.40	4.70	85,629.30	6.00	109,314.00
4.	Common Excavation (Contractor Furnished)	58,765	C.Y.	15.00	881,475.00	12.00	705,180.00	12.00	705,180.00	8.78	515,956.70	10.50	617,032.50	13.25	778,636.25	8.00	470,120.00
5.	Compaction of Earthwork (Type B) (MR-90)	65,436	C.Y.	3.00	196,308.00	1.05	68,707.80	1.00	65,436.00	0.25	16,359.00	1.30	85,066.80	3.50	229,026.00	1.20	78,523.20
6.	Cross Road Pipe (24")(RCP)	53	Lin. Ft.	100.00	5,300.00	85.00	4,505.00	83.00	4,399.00	72.47	3,840.91	63.00	3,339.00	70.00	3,710.00	70.00	3,710.00
7.	End Section (24")(RC)	2	Each	1,050.00	2,100.00	1,325.00	2,650.00	1,300.00	2,600.00	1,813.06	3,626.12	1,920.00	3,840.00	775.00	1,550.00	1,250.00	2,500.00
8.	Cross Road Pipe (54")(RCP)	70	Lin. Ft.	200.00	13,900.00	205.00	14,247.50	200.00	13,900.00	200.68	13,947.26	168.00	11,676.00	230.00	15,985.00	210.00	14,595.00
9.	End Section (54")(RC)	2	Each	2,500.00	5,000.00	2,825.00	5,650.00	2,800.00	5,600.00	2,046.85	4,093.70	4,590.00	9,180.00	2,600.00	5,200.00	2,750.00	5,500.00
10.	Cross Road Pipe (6.0 SQ FT)(RCHE)	51	Lin. Ft.	150.00	7,575.00	130.00	6,565.00	125.00	6,312.50	44.58	2,251.29	154.00	7,777.00	100.00	5,050.00	125.00	6,312.50
11.	End Section (6.0 SQ FT)(RCHE)	2	Each	1,500.00	3,000.00	1,625.00	3,250.00	1,600.00	3,200.00	320.83	641.66	3,120.00	6,240.00	950.00	1,900.00	1,675.00	3,350.00
12.	Entrance Pipe (12") (CMP) (Aluminized)	70	Lin. Ft.	35.00	2,450.00	52.00	3,640.00	50.00	3,500.00	40.10	2,807.00	55.50	3,885.00	45.00	3,150.00	43.00	3,010.00
13.	End Section (12")(CM)(Aluminized)	2	Each	300.00	600.00	875.00	1,750.00	850.00	1,700.00	327.36	654.72	1,340.00	2,680.00	125.00	250.00	520.00	1,040.00
14.	Storm Sewer (15")(HDPE)	210	Lin. Ft.	50.00	10,475.00	52.00	10,894.00	50.00	10,475.00	38.17	7,996.62	47.50	9,951.25	55.00	11,522.50	47.50	9,951.25
15.	Storm Sewer (15")(HDPE)(Special)	50	Lin. Ft.	80.00	3,960.00	62.00	3,069.00	60.00	2,970.00	75.40	3,732.30	74.00	3,663.00	55.00	2,722.50	85.00	4,207.50
16.	End Section (15")(CM)	1	Each	450.00	450.00	1,625.00	1,625.00	1,600.00	1,600.00	308.86	308.86	1,400.00	1,400.00	250.00	250.00	1,050.00	1,050.00
17.	Curb Inlet (APWA Type 2)	1	Each	2,000.00	2,000.00	4,050.00	4,050.00	4,000.00	4,000.00	2,588.96	2,588.96	4,810.00	4,810.00	4,700.00	4,700.00	4,000.00	4,000.00
18.	Curb Inlet (APWA Field Inlet)(Special)	1	Each	3,200.00	3,200.00	5,050.00	5,050.00	5,000.00	5,000.00	3,731.39	3,731.39	5,780.00	5,780.00	6,500.00	6,500.00	6,250.00	6,250.00
19.	Subsurface Drain	490	Lin. Ft.	15.00	7,350.00	52.00	25,480.00	50.00	24,500.00	15.60	7,644.00	15.00	7,350.00	30.00	14,700.00	38.50	18,865.00
20.	Guardrail (Steel Plate)(MGS)	263	Lin. Ft.	75.00	19,687.50	46.00	12,075.00	45.00	11,812.50	44.00	11,550.00	44.00	11,550.00	60.00	15,750.00	55.00	14,437.50
21.	Guardrail End Terminal (MGS-FLEAT)	2	Each	2,500.00	5,000.00	2,300.00	4,600.00	2,200.00	4,400.00	2,175.00	4,350.00	2,180.00	4,360.00	2,700.00	5,400.00	2,600.00	5,200.00
22.	Guardrail End Terminal (MGS-SKT)	2	Each	2,500.00	5,000.00	2,600.00	5,200.00	2,500.00	5,000.00	2,490.00	4,980.00	2,490.00	4,980.00	3,000.00	6,000.00	2,900.00	5,800.00
23.	Concrete Curb and Gutter (Type B)	1,830	Lin. Ft.	16.00	29,280.00	17.00	31,110.00	24.00	43,920.00	15.10	27,633.00	22.00	40,260.00	18.00	32,940.00	25.00	45,750.00
24.	Flume Inlet (Concrete)	1	Each	2,000.00	2,000.00	2,200.00	2,200.00	3,200.00	3,200.00	1,970.00	1,970.00	2,645.00	2,645.00	2,200.00	2,200.00	2,000.00	2,000.00
25.	Aggregate for Surfacing (AB-3)	8	Tons	25.00	200.00	57.00	456.00	47.00	376.00	145.90	1,167.20	163.00	1,304.00	50.00	400.00	55.00	440.00
26.	Temporary Surfacing	1,232	Tons	20.00	24,640.00	32.00	39,424.00	30.00	36,960.00	25.94	31,958.08	24.50	30,184.00	26.00	32,032.00	22.00	27,104.00
27.	Asphaltic Concrete Base (APWA 1-01 or 2-01)	6,209	Tons	60.00	372,540.00	48.00	298,032.00	48.00	298,032.00	47.55	295,237.95	47.55	295,237.95	54.00	335,286.00	51.00	316,659.00
28.	Asphaltic Concrete Surface (APWA 3-01)	2,046	Tons	70.00	143,220.00	56.00	114,576.00	56.00	114,576.00	55.65	113,859.90	55.65	113,859.90	54.00	110,484.00	56.00	114,576.00
29.	Concrete Pavement (10" Uniform)(AE)(Bridge Approach)	279	S.Y.	250.00	69,650.00	200.00	55,720.00	320.00	89,152.00	202.13	56,313.42	172.00	47,919.20	175.00	48,755.00	180.00	50,148.00
30.	Bridge Approach Slab Footing	23	C.Y.	350.00	7,910.00	325.00	7,345.00	300.00	6,780.00	292.00	6,599.20	295.35	6,674.91	350.00	7,910.00	350.00	7,910.00
31.	Fly Ash for Subgrade Modification	1,092	Tons	40.00	43,680.00	47.00	51,324.00	45.00	49,140.00	44.77	48,888.84	40.00	43,680.00	43.50	47,502.00	45.00	49,140.00
32.	Mainipulation for Subgrade Modification (8")	46	Station	600.00	27,372.00	1,170.00	53,375.40	1,150.00	52,463.00	1,987.74	90,680.70	682.15	31,119.68	1,400.00	63,868.00	880.00	40,145.60
33.	Slope Protection (Riprap Stone)	216	C.Y.	70.00	15,120.00	78.00	16,848.00	74.00	15,984.00	65.68	14,186.88	70.00	15,120.00	60.00	12,960.00	65.00	14,040.00
34.	Aggregate Ditch Lining (6")	3	Tons	100.00	300.00	103.00	309.00	100.00	300.00	162.35	487.05	442.00	1,326.00	100.00	300.00	135.00	405.00
35.	Bedding for Slope Protection	72	C.Y.	60.00	4,320.00	57.00	4,104.00	55.00	3,960.00	48.21	3,471.12	63.50	4,572.00	50.00	3,600.00	49.00	3,528.00
36.	Biodegradable Log Slope Barrier (12")	5,615	Lin. Ft.	5.00	28,075.00	2.80	15,722.00	3.00	16,845.00	2.50	14,037.50	2.50	14,037.50	4.20	23,583.00	3.50	19,652.50
37.	Rock Ditch Checks	405	Tons	40.00	16,200.00	32.00	12,960.00	26.00	10,530.00	64.60	26,163.00	45.50	18,427.50	50.00	20,250.00	38.00	15,390.00

38.	Biodegradable Log Ditch Checks (8")	1,180	Lin. Ft.	5.00	5,900.00	2.50	2,950.00	2.50	2,950.00	2.20	2,596.00	2.20	2,596.00	3.15	3,717.00	2.50	2,950.00
39.	Erosion Control Blanket (Class 1-B)	16,507	S.Y.	1.50	24,760.50	1.55	25,585.85	1.50	24,760.50	1.35	22,284.45	1.35	22,284.45	2.15	35,490.05	1.50	24,760.50
40.	Inlet Protection (Biodegradeable Log or Filter Sock)	26	Lin. Ft.	20.00	520.00	2.65	68.90	3.00	78.00	2.30	59.80	2.30	59.80	68.25	1,774.50	2.50	65.00
41.	Removal of Existing Structures	1	Lump Sum	5,000.00	5,000.00	30,000.00	30,000.00	21,000.00	21,000.00	54,294.90	54,294.90	281,000.00	281,000.00	75,000.00	75,000.00	55,000.00	55,000.00
42.	Traffic Control	1	Lump Sum	10,000.00	10,000.00	5,000.00	5,000.00	5,500.00	5,500.00	5,500.00	5,500.00	4,300.00	4,300.00	10,000.00	10,000.00	4,500.00	4,500.00
43.	Pavement Marking (Multi-Component) (White)(24")(Sto	30	Lin. Ft.	3.00	90.00	16.00	480.00	2.60	78.00	2.60	78.00	15.00	450.00	15.75	472.50	15.00	450.00
44.	Pavement Marking (Multi-Component) (Yellow)(4")	8,172	Lin. Ft.	1.00	8,172.00	0.44	3,595.68	0.50	4,086.00	0.43	3,513.96	0.45	3,677.40	0.44	3,595.68	0.45	3,677.40
45.	Pavement Marking (Multi-Component)(Yellow)(4")(Bro	1,875	Lin. Ft.	1.00	1,875.00	0.44	825.00	0.50	937.50	0.43	806.25	0.45	843.75	0.44	825.00	0.45	843.75
46.	Pavement Marking (Multi-Component) (White)(4")	10,648	Lin. Ft.	1.00	10,648.00	0.44	4,685.12	0.50	5,324.00	0.43	4,578.64	0.45	4,791.60	0.44	4,685.12	0.45	4,791.60
47.	Seeding, Fertilizer, & Mulching	1	Lump Sum	20,000.00	20,000.00	2,150.00	2,150.00	2,000.00	2,000.00	1,950.00	1,950.00	1,950.00	1,950.00	16,000.00	16,000.00	2,000.00	2,000.00
48.	Erosion and Sedimentation Control	1	Lump Sum	10,000.00	10,000.00	26,000.00	26,000.00	3,750.00	3,750.00	38,856.03	38,856.03	3,562.50	3,562.50	10,500.00	10,500.00	3,750.00	3,750.00
49.	Excavation (Class III)	223	C.Y.	86.00	19,178.00	50.00	11,150.00	60.00	13,380.00	77.79	17,347.17	101.00	22,523.00	62.00	13,826.00	65.00	14,495.00
50.	Concrete (Grade 4.0) (AE) (SA)	827	C.Y.	1,000.00	826,900.00	1,545.00	1,277,560.50	1,575.00	1,302,367.50	676.81	559,654.19	1,080.00	893,052.00	730.00	603,637.00	725.00	599,502.50
51.	Concrete (Grade 4.0) (AE)	389	C.Y.	850.00	330,225.00	850.00	330,225.00	1,200.00	466,200.00	880.85	342,210.23	869.00	337,606.50	800.00	310,800.00	815.00	316,627.50
52.	Reinforcing Steel (Grade 60)(Epoxy Coated)	215,780	Lbs	2.00	431,560.00	1.03	222,253.40	1.43	308,565.40	0.90	194,202.00	0.95	204,991.00	1.00	215,780.00	1.20	258,936.00
53.	Reinforcing Steel (Grade 60)	72,210	Lbs	1.50	108,315.00	1.07	77,264.70	1.43	103,260.30	1.04	75,098.40	1.00	72,210.00	1.10	79,431.00	1.10	79,431.00
54.	Multi-Layer Polymer Concrete Overlay	2,650	S.Y.	36.00	95,400.00	38.50	102,025.00	40.00	106,000.00	36.75	97,387.50	40.50	107,325.00	45.00	119,250.00	40.00	106,000.00
55.	Structural Steel (A709)(Gr. 50W)	49,096	Lbs	2.00	98,192.00	1.43	70,207.28	1.50	73,644.00	1.30	63,824.80	1.50	73,644.00	1.90	93,282.40	1.65	81,008.40
56.	Structural Steel (M270)(Gr. 50WT 3)	758,679	Lbs	2.00	1,517,358.00	1.43	1,084,910.97	1.50	1,138,018.50	1.43	1,084,910.97	1.50	1,138,018.50	1.75	1,327,688.25	1.65	1,251,820.35
57.	Welded Stud Shear Connector	6,720	Each	4.50	30,240.00	2.00	13,440.00	3.00	20,160.00	1.96	13,171.20	9.40	63,168.00	4.00	26,880.00	3.00	20,160.00
58.	Bearing (Steel Reinforced Elastomeric)(22"x16")	10	Each	2,000.00	20,000.00	2,600.00	26,000.00	2,750.00	27,500.00	2,708.08	27,080.80	2,030.00	20,300.00	2,900.00	29,000.00	3,000.00	30,000.00
59.	Bearing (TFE Elastomeric)(22"x15")	10	Each	3,000.00	30,000.00	4,200.00	42,000.00	4,200.00	42,000.00	2,034.47	20,344.70	2,030.00	20,300.00	3,700.00	37,000.00	4,500.00	45,000.00
60.	Bearing (TFE Elastomeric)(12"x12")	10	Each	3,000.00	30,000.00	3,000.00	30,000.00	3,000.00	30,000.00	3,574.02	35,740.20	2,030.00	20,300.00	2,100.00	21,000.00	3,500.00	35,000.00
61.	Piles (Steel) (HP 12X53)	440	Lin. Ft.	45.00	19,800.00	51.00	22,440.00	55.00	24,200.00	57.35	25,234.00	55.50	24,420.00	65.00	28,600.00	75.00	33,000.00
62.	Drilled Shaft (48")	22	Lin. Ft.	600.00	13,200.00	625.00	13,750.00	645.00	14,190.00	746.13	16,414.86	1,280.00	28,160.00	525.00	11,550.00	900.00	19,800.00
63.	Drilled Shaft (60")	54	Lin. Ft.	800.00	43,200.00	730.00	39,420.00	750.00	40,500.00	747.55	40,367.70	881.00	47,574.00	610.00	32,940.00	550.00	29,700.00
64.	Drilled Shaft (72")	88	Lin. Ft.	1,000.00	88,000.00	765.00	67,320.00	850.00	74,800.00	875.93	77,081.84	1,120.00	98,560.00	900.00	79,200.00	900.00	79,200.00
65.	Permanent Casing (48")	22	Lin. Ft.	80.00	1,760.00	150.00	3,300.00	170.00	3,740.00	140.00	3,080.00	140.00	3,080.00	145.00	3,190.00	165.00	3,630.00
66.	Permanent Casing (60")	54	Lin. Ft.	120.00	6,480.00	170.00	9,180.00	190.00	10,260.00	160.00	8,640.00	160.00	8,640.00	170.00	9,180.00	195.00	10,530.00
67.	Permanent Casing (72")	88	Lin. Ft.	150.00	13,200.00	300.00	26,400.00	335.00	29,480.00	285.00	25,080.00	285.00	25,080.00	300.00	26,400.00	360.00	31,680.00
68.	Sonic Test (Drilled Shaft)(Set Price)	1	Each	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00
69.	Core Hole (Investigative)	113	Lin. Ft.	90.00	10,170.00	50.00	5,650.00	50.00	5,650.00	65.00	7,345.00	65.00	7,345.00	68.25	7,712.25	65.00	7,345.00
70.	Bridge Backwall Protection System	163	S.Y.	45.00	7,335.00	60.00	9,780.00	60.00	9,780.00	17.27	2,815.01	36.00	5,868.00	25.00	4,075.00	42.00	6,846.00
71.	Abutment Strip Drain	74	S.Y.	55.00	4,070.00	125.00	9,250.00	125.00	9,250.00	39.07	2,891.18	76.00	5,624.00	50.00	3,700.00	50.00	3,700.00
72.	Slope Protection (Aggregate)	158	C.Y.	80.00	12,640.00	80.00	12,640.00	75.00	11,850.00	97.59	15,419.22	75.50	11,929.00	75.00	11,850.00	85.00	13,430.00
73.	Falsework Inspection	1	Lump Sum	10,000.00	10,000.00	7,000.00	7,000.00	7,000.00	7,000.00	108.80	108.80	100.00	100.00	4,000.00	4,000.00	10,000.00	10,000.00
74.	Fence (Chain Link)(Special)	480	Lin. Ft.	120.00	57,600.00	102.00	48,960.00	100.00	48,000.00	98.00	47,040.00	98.00	47,040.00	90.00	43,200.00	90.00	43,200.00
75.	MSE Fill	732	C.Y.	35.00	25,620.00	65.00	47,580.00	100.00	73,200.00	97.25	71,187.00	77.50	56,730.00	100.00	73,200.00	114.00	83,448.00
			Totals		6,297,031.00		5,499,096.00		5,886,795.70		* 4,548,092.63		5,352,196.09		5,891,133.30		4,947,902.05

* Recommended Low Bidder

Bolded Entries Indicate a correction to Amounts or Totals in the bid forms.