

Summary of Bids Received

Project: Rollins Road Grade Seperation

Section: 08-00080-56-BR

Description: Construction of Grade Seperation for Rollins Road & IL Route 83 with Wisconsin Central Railroad

Bidder F.H. Paschen, S.N. Nielsen &	Address	City, State, Zip	Bond	Bid Price	% Over/Under Eng. Estimate	\$ Over/Under Eng. Estimate
Associates LLC	5515 N. East River Road	Chicago, IL 60656	Bid Bond	\$30,795,374.03	-22.55%	-\$8,965,144.47
Walsh Construction Company II, LLC	929 W. Adams St.	Chicago, IL 60607	Bid Bond	\$33,784,283.59	-15.03%	-\$5,976,234.91
Lorig/Berger Joint Venture	250 East Touhy Avenue	Des Plaines, IL 60018	Bid Bond	\$34,970,189.58	-12.05%	-\$4,790,328.92
Engineer's Estimate				\$39,760,518.50		
Design	IDOT(2)	Contract Bidder		PT then Plan Rack		
Finance	Bid Tab File	Resident Eng.		Administrative Assis	stant	
Construction	Project File	Request By Mail		Mgr Capital Prograr	mming	



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Idams No	Day Cada	Description	Quartitu	llm!s	Eng Esti	mate	Lorig/Berger Jo	oint Vantura	F.H. Paschen, S.N. Nie	elsen & Associates	Walsh Construction	on Company II, LLC
Item No.	Pay Code	Description	Quantity	Unit					LLC			
					Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price
1	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	911.00	UNIT	\$14.50	\$13,209.50	\$9.00	\$8,199.00	\$7.00	\$6,377.00	\$7.00	\$6,377.00
2	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	1,017.00	UNIT	\$17.50	\$17,797.50	\$11.00	\$11,187.00	\$9.00	\$9,153.00	\$9.00	\$9,153.00
3	20101000	TEMPORARY FENCE	35,239.00	FOOT	\$4.00	\$140,956.00	\$2.85	\$100,431.15	\$2.50	\$88,097.50	\$2.50	\$88,097.50
4	20101100	TREE TRUNK PROTECTION	38.00	EACH	\$100.00	\$3,800.00	\$65.00	\$2,470.00	\$50.00	\$1,900.00	\$50.00	\$1,900.00
5	20200100	EARTH EXCAVATION	127,266.00	CU YD	\$20.00	\$2,545,320.00	\$17.50	\$2,227,155.00	\$16.00	\$2,036,256.00	\$22.00	\$2,799,852.00
6	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	128,383.00	CU YD	\$30.00	\$3,851,490.00	\$17.50	\$2,246,702.50	\$16.00	\$2,054,128.00	\$20.00	\$2,567,660.00
7	20400800	FURNISHED EXCAVATION	24,482.00	CU YD	\$20.00	\$489,640.00	\$0.01	\$244.82	\$0.01	\$244.82	\$0.01	\$244.82
8	20800150	TRENCH BACKFILL	4,916.00	CU YD	\$30.00	\$147,480.00	\$25.35	\$124,620.60	\$44.00	\$216,304.00	\$29.95	\$147,234.20
9	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	36,822.00	SQ YD	\$1.55	\$57,074.10	\$1.15	\$42,345.30	\$1.00	\$36,822.00	\$2.00	\$73,644.00
10	21101615	TOPSOIL FURNISH AND PLACE, 4"	31,914.00	SQ YD	\$4.50	\$143,613.00	\$2.25	\$71,806.50	\$2.10	\$67,019.40	\$3.00	\$95,742.00
11	25000210	SEEDING, CLASS 2A	7.00	ACRE	\$4,130.00	\$28,910.00	\$1,350.00	\$9,450.00	\$1,350.00	\$9,450.00	\$1,350.00	\$9,450.00
12	25000310	SEEDING, CLASS 4	2.00	ACRE	\$2,266.00	\$4,532.00	\$1,400.00	\$2,800.00	\$1,400.00	\$2,800.00	\$1,400.00	\$2,800.00
13	25000314	SEEDING, CLASS 4B	1.00	ACRE	\$2,266.00	\$2,266.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00
14	25000400	NITROGEN FERTILIZER NUTRIENT	1,148.00	POUND	\$3.20	\$3,673.60	\$1.50	\$1,722.00	\$1.50	\$1,722.00	\$1.50	\$1,722.00
15	25000600	POTASSIUM FERTILIZER NUTRIENT	1,148.00	POUND	\$3.20	\$3,673.60	\$1.50	\$1,722.00	\$1.50	\$1,722.00	\$1.50	\$1,722.00
16	25100115	MULCH, METHOD 2	17.50	ACRE	\$1,339.00	\$23,432.50	\$1,400.00	\$24,500.00	\$1,400.00	\$24,500.00	\$1,400.00	\$24,500.00
17	25100630	EROSION CONTROL BLANKET	42,740.00	SQ YD	\$2.00	\$85,480.00	\$0.95	\$40,603.00	\$0.95	\$40,603.00	\$0.95	\$40,603.00
18	25200110	SODDING, SALT TOLERANT	28,275.00	SQ YD	\$5.50	\$155,512.50	\$4.50	\$127,237.50	\$4.50	\$127,237.50	\$4.50	\$127,237.50
19	25200200	SUPPLEMENTAL WATERING	100.00	UNIT	\$5.15	\$515.00	\$25.00	\$2,500.00	\$25.00	\$2,500.00	\$25.00	\$2,500.00
20	28000250	TEMPORARY EROSION CONTROL SEEDING	2,481.00	POUND	\$6.00	\$14,886.00	\$2.00	\$4,962.00	\$2.00	\$4,962.00	\$2.00	\$4,962.00
21	28000305	TEMPORARY DITCH CHECKS	100.00	FOOT	\$13.00	\$1,300.00	\$9.50	\$950.00	\$9.50	\$950.00	\$9.50	\$950.00
22	28000400	PERIMETER EROSION BARRIER	15,801.00	FOOT	\$3.60	\$56,883.60	\$1.80	\$28,441.80	\$1.80	\$28,441.80	\$1.80	\$28,441.80
23	28000510	INLET FILTERS	160.00	EACH	\$174.00	\$27,840.00	\$100.00	\$16,000.00	\$100.00	\$16,000.00	\$100.00	\$16,000.00
24	28100105	STONE RIPRAP, CLASS A3	204.00	SQ YD	\$46.00	\$9,384.00	\$38.00	\$7,752.00	\$42.00	\$8,568.00	\$35.00	\$7,140.00
25	28100107	STONE RIPRAP, CLASS A4	143.00	SQ YD	\$64.00	\$9,152.00	\$56.00	\$8,008.00	\$52.00	\$7,436.00	\$45.00	\$6,435.00
26	28200200	FILTER FABRIC	347.00	SQ YD	\$6.00	\$2,082.00	\$3.25	\$1,127.75	\$2.00	\$694.00	\$3.00	\$1,041.00
27	30300104	AGGREGATE SUBGRADE IMPROVEMENT 4"	23,267.00	SQ YD	\$4.00	\$93,068.00	\$3.70	\$86,087.90	\$5.00	\$116,335.00	\$0.01	\$232.67
28	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	73,447.00	SQ YD	\$11.30	\$829,951.10	\$10.10	\$741,814.70	\$10.00	\$734,470.00	\$0.01	\$734.47
29	35100300	AGGREGATE BASE COURSE, TYPE A 4"	10,305.00	SQ YD	\$13.50	\$139,117.50	\$4.50	\$46,372.50	\$4.40	\$45,342.00	\$4.00	\$41,220.00
30	35100500	AGGREGATE BASE COURSE, TYPE A 6"	25,276.00	SQ YD	\$15.00	\$379,140.00	\$5.85	\$147,864.60	\$7.00	\$176,932.00	\$7.00	\$176,932.00
31	35501324	HOT-MIX ASPHALT BASE COURSE, 10"	3,334.00	SQ YD	\$50.50	\$168,367.00	\$42.00	\$140,028.00	\$42.00	\$140,028.00	\$42.59	\$141,995.06



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					Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price
32	35600716	HOT-MIX ASPHALT BASE COURSE WIDENING, 10"	167.00	SQ YD	\$70.00	\$11,690.00	\$59.25	\$9,894.75	\$60.00	\$10,020.00	\$59.95	\$10,011.65
33		AGGREGATE FOR TEMPORARY ACCESS	2,932.00	TON	\$24.00	\$70,368.00	\$13.00	\$38,116.00		\$29.32		\$54,095.40
34		BITUMINOUS MATERIALS (PRIME COAT)	10,579.00		\$2.50	\$26,447.50	\$0.01	\$105.79		\$105.79	-	\$105.79
35		AGGREGATE (PRIME COAT)	6.00	TON	\$41.00	\$246.00	\$1.00	\$6.00	\$75.00	\$450.00	\$1.02	\$6.12
36	40600X//	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	1,206.00	TON	\$88.00	\$106,128.00	\$110.00	\$132,660.00	\$100.00	\$120,600.00	\$110.41	\$133,154.46
37	40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	47.00	TON	\$112.00	\$5,264.00	\$117.00	\$5,499.00	\$150.00	\$7,050.00	\$118.02	\$5,546.94
38	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	3,589.00	TON	\$98.00	\$351,722.00	\$70.00	\$251,230.00	\$70.00	\$251,230.00	\$69.85	\$250,691.65
39	40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	2,365.00	TON	\$82.00	\$193,930.00	\$92.00	\$217,580.00	\$90.00	\$212,850.00	\$93.10	\$220,181.50
40	40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	268.00	TON	\$113.00	\$30,284.00	\$84.50	\$22,646.00	\$75.00	\$20,100.00	\$85.43	\$22,895.24
41	40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	2,475.00	TON	\$134.00	\$331,650.00	\$96.25	\$238,218.75	\$93.00	\$230,175.00	\$97.56	\$241,461.00
42	42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	1,997.00	SQ YD	\$40.25	\$80,379.25	\$64.00	\$127,808.00	\$40.00	\$79,880.00	\$41.65	\$83,175.05
43	42000401	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	44,324.00	SQ YD	\$46.00	\$2,038,904.00	\$45.00	\$1,994,580.00	\$40.00	\$1,772,960.00	\$42.00	\$1,861,608.00
44	42000900	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 8"	3,621.00	SQ YD	\$47.00	\$170,187.00	\$59.00	\$213,639.00	\$45.00	\$162,945.00	\$43.00	\$155,703.00
45	42001300	PROTECTIVE COAT	62,967.00	SQ YD	\$0.50	\$31,483.50	\$0.25	\$15,741.75	\$0.01	\$629.67	\$0.15	\$9,445.05
46	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	36,462.00	SQ FT	\$4.00	\$145,848.00	\$4.25	\$154,963.50	\$3.90	\$142,201.80	\$3.90	\$142,201.80
47	42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	160.00	SQ FT	\$6.00	\$960.00	\$6.00	\$960.00	\$4.50	\$720.00	\$4.50	\$720.00
48	42400800	DETECTABLE WARNINGS	641.00	SQ FT	\$25.00	\$16,025.00	\$52.00	\$33,332.00	\$24.00	\$15,384.00	\$24.00	\$15,384.00
49	44000100	PAVEMENT REMOVAL	29,749.00	SQ YD	\$8.00	\$237,992.00	\$6.45	\$191,881.05	\$6.50	\$193,368.50	\$8.00	\$237,992.00
50	44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	25,098.00	SQ YD	\$3.00	\$75,294.00	\$2.85	\$71,529.30	\$3.00	\$75,294.00	\$1.50	\$37,647.00
51	44000200	DRIVEWAY PAVEMENT REMOVAL	3,741.00	SQ YD	\$9.00	\$33,669.00	\$6.00	\$22,446.00	\$4.00	\$14,964.00	\$5.00	\$18,705.00
52	44000500	COMBINATION CURB AND GUTTER REMOVAL	18,214.00	FOOT	\$5.00	\$91,070.00	\$2.65	\$48,267.10	\$5.50	\$100,177.00	\$4.00	\$72,856.00
53	44000600	SIDEWALK REMOVAL	10,789.00	SQ FT	\$1.25	\$13,486.25	\$0.90	\$9,710.10	\$0.60	\$6,473.40	\$3.00	\$32,367.00
54	44002209	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 2 1/4"	370.00	SQ YD	\$35.00	\$12,950.00	\$17.00	\$6,290.00	\$10.00	\$3,700.00	\$2.00	\$740.00



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					Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price
55	44003100	MEDIAN REMOVAL	1,692.00	SQ FT	\$6.00	\$10,152.00	\$3.75	\$6,345.00	\$2.00	\$3,384.00	\$3.00	\$5,076.00
56	44004000	PAVED DITCH REMOVAL	217.00	FOOT	\$12.00	\$2,604.00	\$9.50	\$2,061.50	\$5.00	\$1,085.00	\$3.00	\$651.00
57	44004250	PAVED SHOULDER REMOVAL	2,695.00	SQ YD	\$6.00	\$16,170.00	\$6.75	\$18,191.25	\$5.00	\$13,475.00	\$5.00	\$13,475.00
58	44201741	CLASS D PATCHES, TYPE II, 8 INCH	59.00	SQ YD	\$75.00	\$4,425.00	\$83.00	\$4,897.00	\$70.00	\$4,130.00	\$85.00	\$5,015.00
59	44201745	CLASS D PATCHES, TYPE III, 8 INCH	112.00	SQ YD	\$68.00	\$7,616.00	\$83.00	\$9,296.00	\$80.00	\$8,960.00	\$85.00	\$9,520.00
60	44201747	CLASS D PATCHES, TYPE IV, 8 INCH	199.00	SQ YD	\$66.00	\$13,134.00	\$83.00	\$16,517.00	\$80.00	\$15,920.00	\$85.00	\$16,915.00
61	50102400	CONCRETE REMOVAL	88.60	CU YD	\$721.00	\$63,880.60	\$345.00	\$30,567.00	\$102.53	\$9,084.16	\$200.00	\$17,720.00
62	50105220	PIPE CULVERT REMOVAL	577.00	FOOT	\$23.00	\$13,271.00	\$14.00	\$8,078.00	\$12.00	\$6,924.00	\$11.70	\$6,750.90
63	50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	40.00	CU YD	\$51.50	\$2,060.00	\$65.00	\$2,600.00	\$60.00	\$2,400.00	\$75.00	\$3,000.00
64	50300225	CONCRETE STRUCTURES	711.20	CU YD	\$721.00	\$512,775.20	\$750.00	\$533,400.00	\$850.00	\$604,520.00	\$650.00	\$462,280.00
65	50300285	FORM LINER TEXTURED SURFACE	20,061.00	SQ FT	\$18.55	\$372,131.55	\$6.00	\$120,366.00	\$10.00	\$200,610.00	\$8.00	\$160,488.00
66	50500505	STUD SHEAR CONNECTORS	2,444.00	EACH	\$4.65	\$11,364.60	\$14.50	\$35,438.00	\$12.00	\$29,328.00	\$12.00	\$29,328.00
67	50800105	REINFORCEMENT BARS	5,500.00	POUND	\$1.25	\$6,875.00	\$1.10	\$6,050.00	\$0.90	\$4,950.00	\$0.90	\$4,950.00
68	50800205	REINFORCEMENT BARS, EPOXY COATED	313,470.00	POUND	\$1.35	\$423,184.50	\$1.25	\$391,837.50	\$0.97	\$304,065.90	\$1.00	\$313,470.00
69	51201900	FURNISHING STEEL PILES HP14X89	15,786.00	FOOT	\$86.50	\$1,365,489.00	\$54.00	\$852,444.00	\$50.00	\$789,300.00	\$37.00	\$584,082.00
70	51202305	DRIVING PILES	15,786.00	FOOT	\$1.25	\$19,732.50	\$1.00	\$15,786.00	\$1.00	\$15,786.00	\$1.00	\$15,786.00
71	51203900	TEST PILE STEEL HP14X89	6.00	EACH	\$30,900.00	\$185,400.00	\$10,000.00	\$60,000.00	\$7,000.00	\$42,000.00	\$15,000.00	\$90,000.00
72	51500100	NAME PLATES	1.00	EACH	\$515.00	\$515.00	\$500.00	\$500.00	\$1,250.00	\$1,250.00	\$365.00	\$365.00
73	54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	1.00	EACH	\$12,000.00	\$12,000.00	\$16,750.00	\$16,750.00	\$14,600.00	\$14,600.00	\$7,150.00	\$7,150.00
74	542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	69.00	FOOT	\$50.00	\$3,450.00	\$39.00	\$2,691.00	\$38.50	\$2,656.50	\$36.05	\$2,487.45
75	542D1063	PIPE CULVERTS, CLASS D, TYPE 2 18"	6.00	FOOT	\$50.00	\$300.00	\$89.00	\$534.00	\$50.00	\$300.00	\$150.00	\$900.00
76	542D1081	PIPE CULVERTS, CLASS D, TYPE 2 36"	111.00	FOOT	\$90.00	\$9,990.00	\$83.00	\$9,213.00	\$58.00	\$6,438.00	\$58.20	\$6,460.20
77	54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	3.00	EACH	\$592.25	\$1,776.75	\$800.00	\$2,400.00	\$1,130.00	\$3,390.00	\$550.00	\$1,650.00
78	54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	2.00	EACH	\$635.00	\$1,270.00	\$825.00	\$1,650.00	\$1,160.00	\$2,320.00	\$570.00	\$1,140.00
79	54713663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	7.00	EACH	\$680.00	\$4,760.00	\$945.00	\$6,615.00	\$1,190.00	\$8,330.00	\$630.00	\$4,410.00
80	54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	3.00	EACH	\$740.00	\$2,220.00	\$1,050.00	\$3,150.00	\$1,270.00	\$3,810.00	\$830.00	\$2,490.00
81	54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	3.00	EACH	\$1,200.00	\$3,600.00	\$1,650.00	\$4,950.00	\$1,580.00	\$4,740.00	\$1,160.00	\$3,480.00
82	54747130	GRATING FOR CONCRETE FLARED END SECTION 24"	3.00	EACH	\$360.50	\$1,081.50	\$750.00	\$2,250.00	\$330.00	\$990.00	\$580.00	\$1,740.00
83	54747170	GRATING FOR CONCRETE FLARED END SECTION 36"	3.00	EACH	\$585.00	\$1,755.00	\$925.00	\$2,775.00	\$500.00	\$1,500.00	\$765.00	\$2,295.00



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					Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price
84	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	1,165.00	FOOT	\$34.00	\$39,610.00	\$36.75	\$42,813.75	\$34.00	\$39,610.00	\$30.30	\$35,299.50
85	550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	102.00	FOOT	\$41.00	\$4,182.00	\$39.00	\$3,978.00	\$46.00	\$4,692.00	\$37.20	\$3,794.40
86	550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	114.00	FOOT	\$42.00	\$4,788.00	\$42.25	\$4,816.50	\$37.00	\$4,218.00	\$35.50	\$4,047.00
87	550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	504.00	FOOT	\$56.00	\$28,224.00	\$48.00	\$24,192.00	\$37.00	\$18,648.00	\$44.50	\$22,428.00
88	550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	232.00	FOOT	\$72.00	\$16,704.00	\$74.00	\$17,168.00	\$56.00	\$12,992.00	\$67.70	\$15,706.40
89	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	3,548.00	FOOT	\$45.00	\$159,660.00	\$38.75	\$137,485.00	\$30.00	\$106,440.00	\$31.00	\$109,988.00
90	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	251.00	FOOT	\$45.00	\$11,295.00	\$44.00	\$11,044.00	\$30.00	\$7,530.00	\$35.65	\$8,948.15
91	550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	332.00	FOOT	\$50.00	\$16,600.00	\$49.00	\$16,268.00	\$32.00	\$10,624.00	\$36.95	\$12,267.40
92	550A0400	STORM SEWERS, CLASS A, TYPE 2 21"	158.00	FOOT	\$55.00	\$8,690.00	\$54.00	\$8,532.00	\$35.00	\$5,530.00	\$42.25	\$6,675.50
93	550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	109.00	FOOT	\$57.00	\$6,213.00	\$55.00	\$5,995.00	\$42.00	\$4,578.00	\$47.65	\$5,193.85
94	550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	71.00	FOOT	\$63.00	\$4,473.00	\$73.00	\$5,183.00	\$51.00	\$3,621.00	\$49.40	\$3,507.40
95	550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	457.00	FOOT	\$79.00	\$36,103.00	\$94.50	\$43,186.50	\$56.00	\$25,592.00	\$62.95	\$28,768.15
96	550A4500	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	561.00	FOOT	\$106.00	\$59,466.00	\$108.00	\$60,588.00	\$74.00	\$41,514.00	\$85.60	\$48,021.60
97	550A5100	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 30"	37.00	FOOT	\$134.00	\$4,958.00	\$125.00	\$4,625.00	\$76.00	\$2,812.00	\$88.35	\$3,268.95
98	550B0070	STORM SEWERS, CLASS B, TYPE 1 15"	14.00	FOOT	\$61.00	\$854.00	\$49.00	\$686.00	\$41.00	\$574.00	\$78.65	\$1,101.10
99	550B0340	STORM SEWERS, CLASS B, TYPE 2 12"	75.00	FOOT	\$70.00	\$5,250.00	\$49.00	\$3,675.00	\$25.00	\$1,875.00	\$29.90	\$2,242.50
100	550B0360	STORM SEWERS, CLASS B, TYPE 2 15"	49.00	FOOT	\$72.00	\$3,528.00	\$54.00	\$2,646.00	\$28.00	\$1,372.00	\$42.55	\$2,084.95
101	550B0410	STORM SEWERS, CLASS B, TYPE 2 24"	43.00	FOOT	\$75.00	\$3,225.00	\$62.00	\$2,666.00	\$36.00	\$1,548.00	\$50.65	\$2,177.95
102	550B0450	STORM SEWERS, CLASS B, TYPE 2 36"	78.00	FOOT	\$82.00	\$6,396.00	\$96.00	\$7,488.00	\$56.00	\$4,368.00	\$63.35	\$4,941.30
103	55100500	STORM SEWER REMOVAL 12"	4,255.00	FOOT	\$13.50	\$57,442.50	\$10.25	\$43,613.75	\$12.00	\$51,060.00	\$13.65	\$58,080.75
104	55100700	STORM SEWER REMOVAL 15"	535.00	FOOT	\$15.00	\$8,025.00	\$10.70	\$5,724.50	\$12.00	\$6,420.00	\$14.90	\$7,971.50
105	55100900	STORM SEWER REMOVAL 18"	351.00	FOOT	\$15.50	\$5,440.50	\$11.85	\$4,159.35	\$12.00	\$4,212.00	\$16.75	\$5,879.25
106	55101200	STORM SEWER REMOVAL 24"	612.00	FOOT	\$20.00	\$12,240.00	\$11.85	\$7,252.20	\$12.00	\$7,344.00	\$17.50	\$10,710.00
107	55101600	STORM SEWER REMOVAL 36"	196.00	FOOT	\$24.00	\$4,704.00	\$14.85	\$2,910.60	\$12.00	\$2,352.00	\$21.20	\$4,155.20
108	55200400	STORM SEWERS JACKED IN PLACE, 15"	149.00	FOOT	\$275.00	\$40,975.00	\$465.00	\$69,285.00	\$310.00	\$46,190.00	\$415.00	\$61,835.00
109	55200900	STORM SEWERS JACKED IN PLACE, 24"	170.00	FOOT	\$350.00	\$59,500.00	\$490.00	\$83,300.00	\$250.00	\$42,500.00	\$405.00	\$68,850.00
110	55201300	STORM SEWERS JACKED IN PLACE, 36"	129.00	FOOT	\$470.00	\$60,630.00	\$935.00	\$120,615.00	\$490.00	\$63,210.00	\$637.00	\$82,173.00
111	56103000	DUCTILE IRON WATER MAIN 6"	91.00	FOOT	\$55.00	\$5,005.00	\$57.00	\$5,187.00	\$130.00	\$11,830.00	\$111.50	\$10,146.50
112	56103100	DUCTILE IRON WATER MAIN 8"	865.00	FOOT	\$58.00	\$50,170.00	\$78.00	\$67,470.00	\$62.00	\$53,630.00	\$65.30	\$56,484.50
113	56103300	DUCTILE IRON WATER MAIN 12"	2,805.00	FOOT	\$65.00	\$182,325.00	\$93.00	\$260,865.00	\$73.00	\$204,765.00	\$76.05	\$213,320.25
114	56103400	DUCTILE IRON WATER MAIN 16"	1,498.00	FOOT	\$75.00	\$112,350.00	\$129.00	\$193,242.00	\$118.00	\$176,764.00	\$118.00	\$176,764.00
115	56104900	WATER VALVES 6"	1.00	EACH	\$1,200.00	\$1,200.00	\$1,100.00	\$1,100.00	\$1,210.00	\$1,210.00	\$1,550.00	\$1,550.00
116	56105000	WATER VALVES 8"	8.00	EACH	\$1,350.00	\$10,800.00	\$1,750.00	\$14,000.00	\$1,620.00	\$12,960.00	\$1,990.00	\$15,920.00
117	56105200	WATER VALVES 12"	6.00	EACH	\$2,800.00	\$16,800.00	\$2,900.00	\$17,400.00	\$2,810.00	\$16,860.00	\$3,000.00	\$18,000.00
118	56105300	WATER VALVES 16"	1.00	EACH	\$5,500.00	\$5,500.00	\$8,000.00	\$8,000.00	\$7,790.00	\$7,790.00	\$7,435.00	\$7,435.00
119	56400500	FIRE HYDRANTS TO BE REMOVED	6.00	EACH	\$875.00	\$5,250.00	\$800.00	\$4,800.00	\$310.00	\$1,860.00	\$605.00	\$3,630.00



Project: Rollins Road Grade Seperation

Section: 08-00080-56-BR

Description: Construction of Grade Seperation for Rollins Road & IL Route 83 with Wisconsin Central Railroad

Item No.	Pay Code	Description	Quantity	Unit	Eng Esti	mate	Lorig/Berger Jo	oint Venture	F.H. Paschen, S.N. Nic	elsen & Associates	Walsh Constructi	on Company II, LLC
	Tuy couc	2001.1511011	Quantity		Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price
120	56400820	FIRE HYDRANTS WITH AUXILIARY VALVE AND VALVE BOX	8.00	EACH	\$3,800.00	\$30,400.00	\$5,600.00	\$44,800.00	\$3,900.00	\$31,200.00	\$4,730.00	\$37,840.00
121	59100100	GEOCOMPOSITE WALL DRAIN	1,715.00	SQ YD	\$30.90	\$52,993.50	\$19.32	\$33,133.80	\$35.00	\$60,025.00	\$16.50	\$28,297.50
122		PIPE DRAINS 4"	200.00	FOOT	\$22.00	\$4,400.00	\$11.00	\$2,200.00		\$3,000.00		\$4,600.00
123		PIPE DRAINS 6"	200.00	FOOT	\$26.00	\$5,200.00	\$14.00	\$2,800.00		\$3,000.00		\$5,000.00
124		PIPE DRAINS 8"	200.00	FOOT	\$31.00	\$6,200.00	\$15.00	\$3,000.00	\$15.00	\$3,000.00	\$27.00	\$5,400.00
125	60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	5.00	EACH	\$1,905.00	\$9,525.00	\$1,850.00	\$9,250.00	\$1,530.00	\$7,650.00	\$1,850.00	\$9,250.00
126	60701105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	18.00	EACH	\$1,962.00	\$35,316.00	\$2,000.00	\$36,000.00	\$1,710.00	\$30,780.00	\$2,045.00	\$36,810.00
127	60701340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	53.00	EACH	\$2,070.00	\$109,710.00	\$1,925.00	\$102,025.00	\$1,640.00	\$86,920.00	\$2,010.00	\$106,530.00
128	60204505	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	2.00	EACH	\$2,100.00	\$4,200.00	\$2,700.00	\$5,400.00	\$2,000.00	\$4,000.00	\$2,395.00	\$4,790.00
129	60704805	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 11 FRAME AND GRATE	1.00	EACH	\$2,320.00	\$2,320.00	\$2,900.00	\$2,900.00	\$2,180.00	\$2,180.00	\$3,100.00	\$3,100.00
130	60705040	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	4.00	EACH	\$2,560.00	\$10,240.00	\$2,850.00	\$11,400.00	\$2,110.00	\$8,440.00	\$3,020.00	\$12,080.00
131	60707005	CATCH BASINS, TYPE C, TYPE 1 FRAME, CLOSED LID	2.00	EACH	\$1,105.00	\$2,210.00	\$1,150.00	\$2,300.00	\$870.00	\$1,740.00	\$1,110.00	\$2,220.00
132	60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	15.00	EACH	\$1,210.00	\$18,150.00	\$1,250.00	\$18,750.00	\$890.00	\$13,350.00	\$1,110.00	\$16,650.00
133	60718300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	1.00	EACH	\$1,980.00	\$1,980.00	\$1,900.00	\$1,900.00	\$1,690.00	\$1,690.00	\$2,060.00	\$2,060.00
134	60718400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	37.00	EACH	\$1,995.00	\$73,815.00	\$1,900.00	\$70,300.00	\$1,690.00	\$62,530.00	\$2,140.00	\$79,180.00
135	60771100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	9.00	EACH	\$2,600.00	\$23,400.00	\$2,750.00	\$24,750.00	\$2,120.00	\$19,080.00	\$3,050.00	\$27,450.00
136	わロノノスとロロ	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	15.00	EACH	\$3,870.00	\$58,050.00	\$4,250.00	\$63,750.00	\$3,170.00	\$47,550.00	\$3,800.00	\$57,000.00
137	60774039	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 24 FRAME AND GRATE	4.00	EACH	\$3,715.00	\$14,860.00	\$4,300.00	\$17,200.00	\$3,200.00	\$12,800.00	\$3,885.00	\$15,540.00
138	60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	7.00	EACH	\$5,460.00	\$38,220.00	\$5,650.00	\$39,550.00	\$4,570.00	\$31,990.00	\$4,950.00	\$34,650.00
139	60774459	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	2.00	EACH	\$7,000.00	\$14,000.00	\$8,000.00	\$16,000.00	\$4,760.00	\$9,520.00	\$6,010.00	\$12,020.00
140	60224469	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	2.00	EACH	\$9,000.00	\$18,000.00	\$9,900.00	\$19,800.00	\$5,550.00	\$11,100.00	\$7,580.00	\$15,160.00



Project: Rollins Road Grade Seperation

Section: 08-00080-56-BR

Description: Construction of Grade Seperation for Rollins Road & IL Route 83 with Wisconsin Central Railroad

Item No.	Pay Code	Description	Quantity	Unit	Eng Esti	mate	Lorig/Berger Jo	oint Venture	F.H. Paschen, S.N. Nie		Walsh Construction	on Company II, LLC
					Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price
141	60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	13.00	EACH	\$1,034.00	\$13,442.00	\$1,075.00	\$13,975.00	\$1,030.00	\$13,390.00	\$1,067.00	\$13,871.00
142	60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	51.00	EACH	\$1,020.00	\$52,020.00	\$1,000.00	\$51,000.00	\$960.00	\$48,960.00	\$1,135.00	\$57,885.00
143	60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER , TYPE 1 FRAME, CLOSED LID	17.00	EACH	\$1,500.00	\$25,500.00	\$1,950.00	\$33,150.00	\$1,640.00	\$27,880.00	\$2,470.00	\$41,990.00
144	60249010	VALVE VAULTS, TYPE A, 6'-DIAMETER , TYPE 1 FRAME, CLOSED LID	3.00	EACH	\$2,500.00	\$7,500.00	\$3,350.00	\$10,050.00	\$2,610.00	\$7,830.00	\$3,030.00	\$9,090.00
145	60250200	CATCH BASINS TO BE ADJUSTED	5.00	EACH	\$325.00	\$1,625.00	\$450.00	\$2,250.00	\$500.00	\$2,500.00	\$495.00	\$2,475.00
146	60255500	MANHOLES TO BE ADJUSTED	5.00	EACH	\$372.00	\$1,860.00	\$450.00	\$2,250.00	\$500.00	\$2,500.00	\$495.00	\$2,475.00
147	60260100	INLETS TO BE ADJUSTED	5.00	EACH	\$315.00	\$1,575.00	\$400.00	\$2,000.00	\$290.00	\$1,450.00	\$495.00	\$2,475.00
148	60500040	REMOVING MANHOLES	47.00	EACH	\$309.00	\$14,523.00	\$365.00	\$17,155.00	\$340.00	\$15,980.00	\$420.00	\$19,740.00
149	60500050	REMOVING CATCH BASINS	39.00	EACH	\$309.00	\$12,051.00	\$400.00	\$15,600.00	\$340.00	\$13,260.00	\$450.00	\$17,550.00
150	60500060	REMOVING INLETS	35.00	EACH	\$206.00	\$7,210.00	\$275.00	\$9,625.00	\$170.00	\$5,950.00	\$390.00	\$13,650.00
151	60600605	CONCRETE CURB, TYPE B	1,160.00	FOOT	\$21.00	\$24,360.00	\$19.00	\$22,040.00	\$22.50	\$26,100.00	\$22.50	\$26,100.00
152	60602800	CONCRETE GUTTER, TYPE B	278.00	FOOT	\$33.50	\$9,313.00	\$26.00	\$7,228.00	\$25.25	\$7,019.50	\$25.25	\$7,019.50
153	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	5,839.00	FOOT	\$21.00	\$122,619.00	\$22.00	\$128,458.00	\$16.75	\$97,803.25	\$16.75	\$97,803.25
154	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	14,611.00	FOOT	\$23.00	\$336,053.00	\$23.50	\$343,358.50	\$17.25	\$252,039.75	\$17.25	\$252,039.75
155	60619600	CONCRETE MEDIAN, TYPE SB-6.12	14,233.00	SQ FT	\$9.60	\$136,636.80	\$9.25	\$131,655.25	\$6.85	\$97,496.05	\$6.85	\$97,496.05
156	60620000	CONCRETE MEDIAN, TYPE SB-6.24	13,820.00	SQ FT	\$10.30	\$142,346.00	\$9.50	\$131,290.00	\$6.75	\$93,285.00	\$6.75	\$93,285.00
157	61100500	EXPLORATION TRENCH 52" DEPTH	100.00	FOOT	\$16.25	\$1,625.00	\$100.00	\$10,000.00	\$54.00	\$5,400.00	\$26.80	\$2,680.00
158	63200310	GUARDRAIL REMOVAL	382.00	FOOT	\$6.00	\$2,292.00	\$3.50	\$1,337.00	\$3.50	\$1,337.00	\$5.00	\$1,910.00
159	66900200	NON-SPECIAL WASTE DISPOSAL	7,500.00	CU YD	\$45.00	\$337,500.00	\$34.00	\$255,000.00	\$60.00	\$450,000.00	\$35.00	\$262,500.00
160	66900205	SPECIAL WASTE DISPOSAL	7,500.00	CU YD	\$55.00	\$412,500.00	\$35.00	\$262,500.00	\$0.01	\$75.00	\$35.00	\$262,500.00
161	66900450	SPECIAL WASTE PLANS AND REPORT	1.00	L SUM	\$6,500.00	\$6,500.00	\$4,000.00	\$4,000.00	\$3,100.00	\$3,100.00	\$3,100.00	\$3,100.00
162	66900530	SOIL DISPOSAL ANALYSIS	20.00	EACH	\$1,200.00	\$24,000.00	\$1,500.00	\$30,000.00	\$1,050.00	\$21,000.00	\$1,050.00	\$21,000.00
163	67100100	MOBILIZATION	1.00	L SUM	\$1,637,600.00	\$1,637,600.00	\$2,000,000.00	\$2,000,000.00	\$1,862,000.00	\$1,862,000.00	\$2,000,000.00	\$2,000,000.00
164	70106800	CHANGEABLE MESSSAGE SIGN	85.00	CAL MO	\$1,133.00	\$96,305.00	\$200.00	\$17,000.00	\$200.00	\$17,000.00	\$200.00	\$17,000.00
165	70300100	SHORT TERM PAVEMENT MARKING	8,209.00	FOOT	\$0.90	\$7,388.10	\$1.50	\$12,313.50	\$0.80	\$6,567.20	\$1.50	\$12,313.50
166	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	8,850.00	SQ FT	\$1.00	\$8,850.00	\$1.00	\$8,850.00	\$1.00	\$8,850.00	\$1.00	\$8,850.00
167	70400100	TEMPORARY CONCRETE BARRIER	125.00	FOOT	\$30.00	\$3,750.00	\$21.00	\$2,625.00	\$30.00	\$3,750.00	\$5.00	\$625.00
168	/0500100	TEMPORARY STEEL PLATE BEAM GUARDRAIL, TYPE A	2,287.50	FOOT	\$23.00	\$52,612.50	\$18.00	\$41,175.00	\$18.00	\$41,175.00		\$38,315.63
169	/0500615	TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 1	10.00	EACH	\$1,615.00	\$16,150.00	\$1,700.00	\$17,000.00	\$1,700.00	\$17,000.00	\$1,700.00	\$17,000.00



Project: Rollins Road Grade Seperation

Section: 08-00080-56-BR

Description: Construction of Grade Seperation for Rollins Road & IL Route 83 with Wisconsin Central Railroad

Item No.	Pay Code	Description	Quantity	Unit	Eng Esti	mate	Lorig/Berger Jo	oint Venture	F.H. Paschen, S.N. Nie	elsen & Associates	Walsh Construction	on Company II, LLC
					Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price
170	/0500670	TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 6A	4.00	EACH	\$1,615.00	\$6,460.00	\$2,740.00	\$10,960.00	\$2,740.00	\$10,960.00	\$2,900.00	\$11,600.00
171	70600240	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 2	2.00	EACH	\$3,000.00	\$6,000.00	\$3,000.00	\$6,000.00	\$3,000.00	\$6,000.00	\$3,000.00	\$6,000.00
172	72000100	SIGN PANEL - TYPE 1	355.00	SQ FT	\$23.00	\$8,165.00	\$4.95	\$1,757.25	\$4.95	\$1,757.25	\$4.95	\$1,757.25
173	72000200	SIGN PANEL - TYPE 2	20.00	SQ FT	\$31.00	\$620.00	\$40.00	\$800.00	\$40.00	\$800.00	\$40.00	\$800.00
174		REMOVE SIGN PANEL ASSEMBLY - TYPE A	4.00	EACH	\$88.00	\$352.00	\$30.00	\$120.00	\$30.00	\$120.00	\$30.00	\$120.00
175		REMOVE SIGN PANEL ASSEMBLY - TYPE B	21.00	EACH	\$200.00	\$4,200.00	\$75.00	\$1,575.00	\$75.00	\$1,575.00	\$75.00	\$1,575.00
176		REMOVE SIGN PANEL - TYPE 1	200.00	SQ FT	\$12.00	\$2,400.00	\$10.00	\$2,000.00	\$10.00	\$2,000.00	\$10.00	\$2,000.00
177		REMOVE SIGN PANEL - TYPE 2	20.00	SQ FT	\$14.00	\$280.00	\$15.00	\$300.00	\$15.00	\$300.00	\$15.00	\$300.00
178		REMOVE SIGN PANEL - TYPE 3	24.00	SQ FT	\$15.00	\$360.00	\$15.00	\$360.00	\$20.00	\$480.00	\$10.00	\$240.00
179	72800100	TELESCOPING STEEL SIGN SUPPORT	405.00	FOOT	\$14.00	\$5,670.00	\$4.00	\$1,620.00	\$3.95	\$1,599.75	\$3.95	\$1,599.75
180	73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	50.00	EACH	\$180.00	\$9,000.00	\$30.00	\$1,500.00	\$30.00	\$1,500.00	\$30.00	\$1,500.00
181	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	635.00	SQ FT	\$3.60	\$2,286.00	\$3.00	\$1,905.00	\$3.00	\$1,905.00	\$3.00	\$1,905.00
182	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	11,099.00	FOOT	\$0.60	\$6,659.40	\$0.60	\$6,659.40	\$0.60	\$6,659.40	\$0.60	\$6,659.40
183	78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	2,741.00	FOOT	\$0.80	\$2,192.80	\$0.85	\$2,329.85	\$0.85	\$2,329.85	\$0.85	\$2,329.85
184	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	2,438.00	FOOT	\$0.95	\$2,316.10	\$1.00	\$2,438.00	\$0.96	\$2,340.48	\$0.96	\$2,340.48
185	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	289.00	FOOT	\$1.45	\$419.05	\$1.35	\$390.15	\$1.31	\$378.59	\$1.31	\$378.59
186	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	1,915.00	FOOT	\$1.80	\$3,447.00	\$2.00	\$3,830.00	\$1.94	\$3,715.10	\$1.94	\$3,715.10
187	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	272.00	FOOT	\$4.35	\$1,183.20	\$3.00	\$816.00	\$2.95	\$802.40	\$2.95	\$802.40
188	78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	3,623.00	SQ FT	\$3.30	\$11,955.90	\$4.00	\$14,492.00	\$2.25	\$8,151.75	\$2.00	\$7,246.00
189	78001110	PAINT PAVEMENT MARKING - LINE 4"	24,116.00	FOOT	\$1.95	\$47,026.20	\$1.00	\$24,116.00	\$0.45	\$10,852.20	\$1.00	\$24,116.00
190	/8005100	EPOXY PAVEMENT MARKING LETTERS AND SYMBOLS	2,035.00	SQ FT	\$1.00	\$2,035.00	\$4.25	\$8,648.75	\$4.25	\$8,648.75	\$5.00	\$10,175.00
191	78005110	EPOXY PAVEMENT MARKING - LINE 4"	66,109.00	FOOT	\$0.30	\$19,832.70	\$0.53	\$35,037.77	\$0.52	\$34,376.68	\$0.42	\$27,765.78
192	78005120	EPOXY PAVEMENT MARKING - LINE 5"	33,786.00	FOOT	\$0.35	\$11,825.10	\$0.70	\$23,650.20	\$0.68	\$22,974.48	\$0.55	\$18,582.30
193	78005130	EPOXY PAVEMENT MARKING - LINE 6"	8,654.00	FOOT	\$0.35	\$3,028.90	\$0.95	\$8,221.30	\$0.94	\$8,134.76	\$0.85	\$7,355.90
194	78005150	EPOXY PAVEMENT MARKING - LINE 12"	5,831.00	FOOT	\$0.40	\$2,332.40	\$1.90	\$11,078.90	\$1.88	\$10,962.28	\$1.70	\$9,912.70
195	78005180	EPOXY PAVEMENT MARKING - LINE 24"	1,059.00	FOOT	\$0.80	\$847.20	\$4.15	\$4,394.85	\$4.15	\$4,394.85	\$3.40	\$3,600.60



Project: Rollins Road Grade Seperation

Section: 08-00080-56-BR

Description: Construction of Grade Seperation for Rollins Road & IL Route 83 with Wisconsin Central Railroad

Item No.	Pay Code	Description	Quantity	Unit	Eng Esti	mate	Lorig/Berger Jo	oint Venture	F.H. Paschen, S.N. Nic	elsen & Associates	Walsh Construction	on Company II, LLC
					Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price
196	78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	1,683.00	SQ FT	\$7.75	\$13,043.25	\$5.25	\$8,835.75	\$5.25	\$8,835.75	\$5.25	\$8,835.75
197	78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	7,635.00	FOOT	\$1.55	\$11,834.25	\$0.65	\$4,962.75	\$0.63	\$4,810.05	\$0.63	\$4,810.05
198	78008220	POLYUREA PAVEMENT MARKING TYPE I - LINE 5"	5,887.00	FOOT	\$1.65	\$9,713.55	\$0.90	\$5,298.30	\$0.88	\$5,180.56	\$0.88	\$5,180.56
199	78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	6,628.00	FOOT	\$3.30	\$21,872.40	\$1.05	\$6,959.40	\$1.04	\$6,893.12	\$1.04	\$6,893.12
200	78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	1,559.00	FOOT	\$3.50	\$5,456.50	\$1.40	\$2,182.60	\$1.36	\$2,120.24	\$1.36	\$2,120.24
201	78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	3,072.00	FOOT	\$3.70	\$11,366.40	\$2.25	\$6,912.00	\$2.21	\$6,789.12	\$2.21	\$6,789.12
202	78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	566.00	FOOT	\$9.10	\$5,150.60	\$5.25	\$2,971.50	\$5.25	\$2,971.50	\$5.25	\$2,971.50
203	78100100	RAISED REFLECTIVE PAVEMENT MARKER	795.00	EACH	\$26.00	\$20,670.00	\$50.00	\$39,750.00	\$48.66	\$38,684.70	\$48.66	\$38,684.70
204	/8100200	TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER	93.00	EACH	\$12.00	\$1,116.00	\$7.00	\$651.00	\$7.00	\$651.00	\$7.00	\$651.00
205	78300100	PAVEMENT MARKING REMOVAL	4,531.00	SQ FT	\$1.75	\$7,929.25	\$1.00	\$4,531.00	\$1.00	\$4,531.00	\$1.00	\$4,531.00
206	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	213.00	EACH	\$15.50	\$3,301.50	\$8.50	\$1,810.50	\$25.00	\$5,325.00	\$5.00	\$1,065.00
207	80400100	ELECTRIC SERVICE INSTALLATION	2.00	EACH	\$1,800.00	\$3,600.00	\$2,440.00	\$4,880.00	\$2,437.00	\$4,874.00	\$2,437.00	\$4,874.00
208	80400200	ELECTRIC UTILITY SERVICE CONNECTION	1.00	L SUM	\$6,750.00	\$6,750.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
209	80500020	SERVICE INSTALLATION - POLE MOUNTED	5.00	EACH	\$1,685.00	\$8,425.00	\$1,450.00	\$7,250.00	\$1,449.00	\$7,245.00	\$1,449.00	\$7,245.00
210	81028180	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/4" DIA.	58.00	FOOT	\$5.00	\$290.00	\$12.60	\$730.80	\$12.60	\$730.80	\$12.60	\$730.80
211	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	12,590.00	FOOT	\$5.15	\$64,838.50	\$14.80	\$186,332.00	\$14.80	\$186,332.00	\$14.80	\$186,332.00
212	XIUZXZIU	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	233.00	FOOT	\$6.20	\$1,444.60	\$20.80	\$4,846.40	\$20.80	\$4,846.40	\$20.80	\$4,846.40
213	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	23.00	FOOT	\$8.25	\$189.75	\$22.10	\$508.30	\$22.10	\$508.30	\$22.10	\$508.30
214	81028230	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3 1/2" DIA.	229.00	FOOT	\$9.50	\$2,175.50	\$26.90	\$6,160.10	\$26.90	\$6,160.10	\$26.90	\$6,160.10
215	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	2,396.00	FOOT	\$10.30	\$24,678.80	\$36.30	\$86,974.80	\$36.30	\$86,974.80	\$36.30	\$86,974.80
216	81100220	CONDUIT ATTACHED TO STRUCTURE, 3/4" DIA., PVC COATED GALVANIZED STEEL	60.00	FOOT	\$15.00	\$900.00	\$29.00	\$1,740.00	\$29.00	\$1,740.00	\$29.00	\$1,740.00



Project: Rollins Road Grade Seperation

Section: 08-00080-56-BR

Description: Construction of Grade Seperation for Rollins Road & IL Route 83 with Wisconsin Central Railroad

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Item No.	Pay Code	Description	Quantity	Unit	Eng Esti	mate	Lorig/Berger Jo	oint Venture	F.H. Paschen, S.N. Ni LL		Walsh Constructi	on Company II, LLC
					Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price
217	81100605	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., PVC COATED GALVANIZED STEEL	80.00	FOOT	\$40.00	\$3,200.00	\$49.90	\$3,992.00	\$49.90	\$3,992.00	\$49.90	\$3,992.00
218	$X \mid X \mid U \mid U \mid X \mid U \mid U \mid X \mid U \mid U \mid $	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 12" X 6"	4.00	EACH	\$875.00	\$3,500.00	\$711.00	\$2,844.00	\$711.00	\$2,844.00	\$711.00	\$2,844.00
219		HANDHOLE	26.00	EACH	\$1,442.00	\$37,492.00	\$1,372.00	\$35,672.00		\$35,672.00		\$35,672.00
220		HEAVY-DUTY HANDHOLE	8.00	EACH	\$2,575.00	\$20,600.00	\$1,734.00	\$13,872.00	\$1,734.00	\$13,872.00		\$13,872.00
221		DOUBLE HANDHOLE	10.00	EACH	\$2,987.00	\$29,870.00	\$2,486.00	\$24,860.00	\$2,486.00	\$24,860.00	\$2,486.00	\$24,860.00
222	81603050	UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	4,456.00	FOOT	\$7.00	\$31,192.00	\$13.80	\$61,492.80	\$13.80	\$61,492.80	\$13.80	\$61,492.80
223	81/02110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	620.00	FOOT	\$1.20	\$744.00	\$1.00	\$620.00	\$1.00	\$620.00	\$1.00	\$620.00
224	X1/11/17/11	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	180.00	FOOT	\$1.50	\$270.00	\$1.30	\$234.00	\$1.30	\$234.00	\$1.30	\$234.00
225	81702400	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 2	60.00	FOOT	\$8.00	\$480.00	\$8.00	\$480.00	\$8.00	\$480.00	\$8.00	\$480.00
226	87107400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	15.00	EACH	\$485.00	\$7,275.00	\$504.00	\$7,560.00	\$504.00	\$7,560.00	\$504.00	\$7,560.00
227	82103250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 250 WATT	2.00	EACH	\$340.00	\$680.00	\$493.00	\$986.00	\$493.00	\$986.00	\$493.00	\$986.00
228	82107200	UNDERPASS LUMINAIRE, 100 WATT, HIGH PRESSURE SODIUM VAPOR	4.00	EACH	\$2,400.00	\$9,600.00	\$1,124.00	\$4,496.00	\$1,124.00	\$4,496.00	\$1,124.00	\$4,496.00
229	X2500360	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 100AMP	2.00	EACH	\$7,500.00	\$15,000.00	\$14,813.00	\$29,626.00	\$14,813.00	\$29,626.00	\$14,813.00	\$29,626.00
230	83000600	LIGHT POLE, ALUMINUM, 30 FT. M.H., 15 FT. DAVIT ARM	1.00	EACH	\$2,500.00	\$2,500.00	\$2,378.00	\$2,378.00	\$2,378.00	\$2,378.00	\$2,378.00	\$2,378.00
231	XXUUXHUU	LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. DAVIT ARM	14.00	EACH	\$2,750.00	\$38,500.00	\$3,232.00	\$45,248.00	\$3,232.00	\$45,248.00	\$3,232.00	\$45,248.00
232	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	142.00	FOOT	\$150.00	\$21,300.00	\$182.00	\$25,844.00	\$182.00	\$25,844.00	\$182.00	\$25,844.00
233	83800105	BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE	1.00	EACH	\$400.00	\$400.00	\$390.00	\$390.00	\$390.00	\$390.00	\$390.00	\$390.00
234	83800705	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	14.00	EACH	\$400.00	\$5,600.00	\$401.00	\$5,614.00	\$401.00	\$5,614.00	\$401.00	\$5,614.00
235	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	8.00	EACH	\$1,030.00	\$8,240.00	\$1,760.00	\$14,080.00	\$1,760.00	\$14,080.00	\$1,760.00	\$14,080.00
236	85100500	PAINT NEW TRAFFIC SIGNAL POST	4.00	EACH	\$310.00	\$1,240.00	\$201.00	\$804.00	\$201.00	\$804.00	\$201.00	\$804.00



Project: Rollins Road Grade Seperation

Section: 08-00080-56-BR

Description: Construction of Grade Seperation for Rollins Road & IL Route 83 with Wisconsin Central Railroad

	<u> </u>		I						F.H. Paschen, S.N. Ni	alsan & Associates		
Item No.	Pay Code	Description	Quantity	Unit	Eng Esti		Lorig/Berger Jo		LĻC			on Company II, LLC
		DAINT NEW MACT ADM AND DOLE 40 FOOT			Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price
237	85100701	PAINT NEW MAST ARM AND POLE, 40 FOOT AND OVER	2.00	EACH	\$865.00	\$1,730.00	\$994.00	\$1,988.00	\$994.00	\$1,988.00	\$994.00	\$1,988.00
238	X5100X00	PAINT NEW COMBINATION MAST ARM AND POLE, UNDER 40 FOOT	3.00	EACH	\$1,165.00	\$3,495.00	\$776.00	\$2,328.00	\$776.00	\$2,328.00	\$776.00	\$2,328.00
239	85100901	PAINT NEW COMBINATION MAST ARM AND POLE, 40 FOOT AND OVER	5.00	EACH	\$1,560.00	\$7,800.00	\$1,247.00	\$6,235.00	\$1,247.00	\$6,235.00	\$1,247.00	\$6,235.00
240	87100020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	2,762.00	FOOT	\$2.25	\$6,214.50	\$3.10	\$8,562.20	\$3.10	\$8,562.20	\$3.10	\$8,562.20
241	8/300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	13,834.00	FOOT	\$0.80	\$11,067.20	\$0.70	\$9,683.80	\$0.70	\$9,683.80	\$0.70	\$9,683.80
242	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	7,427.00	FOOT	\$1.05	\$7,798.35	\$1.20	\$8,912.40	\$1.20	\$8,912.40	\$1.20	\$8,912.40
243	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	13,629.00	FOOT	\$1.15	\$15,673.35	\$1.40	\$19,080.60	\$1.40	\$19,080.60	\$1.40	\$19,080.60
244	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	7,171.00	FOOT	\$1.20	\$8,605.20	\$1.80	\$12,907.80	\$1.80	\$12,907.80	\$1.80	\$12,907.80
245	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	9,813.00	FOOT	\$1.35	\$13,247.55	\$2.10	\$20,607.30	\$2.10	\$20,607.30	\$2.10	\$20,607.30
246	8/301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	11,989.00	FOOT	\$1.05	\$12,588.45	\$1.10	\$13,187.90	\$1.10	\$13,187.90	\$1.10	\$13,187.90
247	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	501.00	FOOT	\$4.20	\$2,104.20	\$3.40	\$1,703.40	\$3.40	\$1,703.40	\$3.40	\$1,703.40
248	87301815	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 3 C	55.00	FOOT	\$4.20	\$231.00	\$4.20	\$231.00	\$4.20	\$231.00	\$4.20	\$231.00
249	X /301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	3,790.00	FOOT	\$2.05	\$7,769.50	\$1.80	\$6,822.00	\$1.80	\$6,822.00	\$1.80	\$6,822.00
250	87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	1.00	EACH	\$775.00	\$775.00	\$1,060.00	\$1,060.00	\$1,060.00	\$1,060.00	\$1,060.00	\$1,060.00
251	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	3.00	EACH	\$875.00	\$2,625.00	\$1,158.00	\$3,474.00	\$1,158.00	\$3,474.00	\$1,158.00	\$3,474.00
252	87700260	STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	1.00	EACH	\$6,715.00	\$6,715.00	\$8,074.00	\$8,074.00	\$8,074.00	\$8,074.00	\$8,074.00	\$8,074.00
253	87700300	STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	1.00	EACH	\$7,735.00	\$7,735.00	\$9,113.00	\$9,113.00	\$9,113.00	\$9,113.00	\$9,113.00	\$9,113.00
254	87702289	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 22 FT. AND 60 FT.	1.00	EACH	\$10,050.00	\$10,050.00	\$13,664.00	\$13,664.00	\$13,664.00	\$13,664.00	\$13,664.00	\$13,664.00



Project: Rollins Road Grade Seperation

Section: 08-00080-56-BR

Description: Construction of Grade Seperation for Rollins Road & IL Route 83 with Wisconsin Central Railroad

Item No.	Pay Code	Description	Quantity	Unit	Eng Esti	mate	Lorig/Berger J	oint Venture	F.H. Paschen, S.N. Nie	elsen & Associates	Walsh Construction	on Company II, LLC
					Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price
255	87702830	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 20 FT.	2.00	EACH	\$5,850.00	\$11,700.00	\$6,435.00	\$12,870.00	\$6,435.00	\$12,870.00	\$6,435.00	\$12,870.00
256	87702960	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT.	1.00	EACH	\$8,690.00	\$8,690.00	\$9,611.00	\$9,611.00	\$9,611.00	\$9,611.00	\$9,611.00	\$9,611.00
257	87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	1.00	EACH	\$8,750.00	\$8,750.00	\$9,725.00	\$9,725.00	\$9,725.00	\$9,725.00	\$9,725.00	\$9,725.00
258	87703020	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 58 FT.	1.00	EACH	\$10,000.00	\$10,000.00	\$12,880.00	\$12,880.00	\$12,880.00	\$12,880.00	\$12,880.00	\$12,880.00
259	87800100	CONCRETE FOUNDATION, TYPE A	48.00	FOOT	\$185.00	\$8,880.00	\$280.00	\$13,440.00	\$280.00	\$13,440.00	\$280.00	\$13,440.00
260		CONCRETE FOUNDATION, TYPE C	20.00	FOOT	\$566.50	\$11,330.00	\$668.00	\$13,360.00	\$668.00	\$13,360.00	\$668.00	\$13,360.00
261	87800200	CONCRETE FOUNDATION, TYPE D	4.00	FOOT	\$385.00	\$1,540.00	\$700.00	\$2,800.00	\$700.00	\$2,800.00	\$700.00	\$2,800.00
262	87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	54.00	FOOT	\$185.00	\$9,990.00	\$222.00	\$11,988.00	\$222.00	\$11,988.00	\$222.00	\$11,988.00
263	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	303.00	FOOT	\$195.00	\$59,085.00	\$261.00	\$79,083.00	\$261.00	\$79,083.00	\$261.00	\$79,083.00
264	87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	42.00	FOOT	\$300.00	\$12,600.00	\$370.00	\$15,540.00	\$370.00	\$15,540.00	\$370.00	\$15,540.00
265	87900200	DRILL EXISTING HANDHOLE	10.00	EACH	\$290.00	\$2,900.00	\$264.00	\$2,640.00	\$264.00	\$2,640.00	\$264.00	\$2,640.00
266	88030070	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	31.00	EACH	\$670.00	\$20,770.00	\$819.00	\$25,389.00	\$819.00	\$25,389.00	\$819.00	\$25,389.00
267	88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	2.00	EACH	\$670.00	\$1,340.00	\$735.00	\$1,470.00	\$735.00	\$1,470.00	\$735.00	\$1,470.00
268	88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	4.00	EACH	\$925.00	\$3,700.00	\$1,142.00	\$4,568.00	\$1,142.00	\$4,568.00	\$1,142.00	\$4,568.00
269	88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MASTARM MOUNTED	32.00	EACH	\$925.00	\$29,600.00	\$1,243.00	\$39,776.00	\$1,243.00	\$39,776.00	\$1,243.00	\$39,776.00
270	88030220	SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	6.00	EACH	\$1,850.00	\$11,100.00	\$2,228.00	\$13,368.00	\$2,228.00	\$13,368.00	\$2,228.00	\$13,368.00
271	88030240	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	3.00	EACH	\$1,850.00	\$5,550.00	\$1,821.00	\$5,463.00	\$1,821.00	\$5,463.00	\$1,821.00	\$5,463.00
272		PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	32.00	EACH	\$800.00	\$25,600.00	\$850.00	\$27,200.00	\$850.00	\$27,200.00	\$850.00	\$27,200.00
273	88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	3.00	EACH	\$1,545.00	\$4,635.00	\$1,699.00	\$5,097.00	\$1,699.00	\$5,097.00	\$1,699.00	\$5,097.00
274	XXZHHZTH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	63.00	EACH	\$135.00	\$8,505.00	\$174.00	\$10,962.00	\$174.00	\$10,962.00	\$174.00	\$10,962.00



Project: Rollins Road Grade Seperation

Section: 08-00080-56-BR

Description: Construction of Grade Seperation for Rollins Road & IL Route 83 with Wisconsin Central Railroad

Item No.	Pay Code	Description	Quantity	Unit	Eng Esti	mate	Lorig/Berger Jo	oint Venture	F.H. Paschen, S.N. Nie		Walsh Construction	on Company II, LLC
					Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price
275	88500100	INDUCTIVE LOOP DETECTOR	32.00	EACH	\$206.00	\$6,592.00	\$229.00	\$7,328.00	\$229.00	\$7,328.00	\$229.00	\$7,328.00
276	88600100	DETECTOR LOOP, TYPE I	1,081.00	FOOT	\$16.00	\$17,296.00	\$19.60	\$21,187.60	\$19.60	\$21,187.60	\$19.60	\$21,187.60
277	88600700	PREFORMED DETECTOR LOOP	672.00	FOOT	\$20.00	\$13,440.00	\$17.90	\$12,028.80	\$17.90	\$12,028.80	\$17.90	\$12,028.80
278	88700200	LIGHT DETECTOR	13.00	EACH	\$1,133.00	\$14,729.00	\$1,332.00	\$17,316.00	\$1,332.00	\$17,316.00	\$1,332.00	\$17,316.00
279	88700300	LIGHT DETECTOR AMPLIFIER	5.00	EACH	\$1,854.00	\$9,270.00	\$3,761.00	\$18,805.00	\$3,761.00	\$18,805.00	\$3,761.00	\$18,805.00
280	88800100	PEDESTRIAN PUSH-BUTTON	38.00	EACH	\$360.00	\$13,680.00	\$340.00	\$12,920.00	\$340.00	\$12,920.00	\$340.00	\$12,920.00
281	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	3.00	EACH	\$3,090.00	\$9,270.00	\$65,380.00	\$196,140.00	\$65,380.00	\$196,140.00	\$65,380.00	\$196,140.00
282	89500100	RELOCATE EXISTING SIGNAL HEAD	3.00	EACH	\$375.00	\$1,125.00	\$630.00	\$1,890.00	\$630.00	\$1,890.00	\$630.00	\$1,890.00
283	89501300	RELOCATE EXISTING MAST ARM ASSEMBLY AND POLE	1.00	EACH	\$1,850.00	\$1,850.00	\$1,980.00	\$1,980.00	\$1,980.00	\$1,980.00	\$1,980.00	\$1,980.00
284	89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	325.00	FOOT	\$2.40	\$780.00	\$1.30	\$422.50	\$1.30	\$422.50	\$1.30	\$422.50
285	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	5.00	EACH	\$4,225.00	\$21,125.00	\$1,760.00	\$8,800.00	\$1,760.00	\$8,800.00	\$1,760.00	\$8,800.00
286	89502380	REMOVE EXISTING HANDHOLE	51.00	EACH	\$225.00	\$11,475.00	\$440.00	\$22,440.00	\$440.00	\$22,440.00	\$440.00	\$22,440.00
287	89502385	REMOVE EXISTING CONCRETE FOUNDATION	46.00	EACH	\$215.00	\$9,890.00	\$440.00	\$20,240.00	\$440.00	\$20,240.00	\$440.00	\$20,240.00
288	A2001216	TREE, ACER RUBRUM RED SUNSET (RED SUNSET RED MAPLE), 2" CALIPER, BALLED AND BURLAPPED	13.00	EACH	\$495.00	\$6,435.00	\$200.00	\$2,600.00	\$200.00	\$2,600.00	\$200.00	\$2,600.00
289	A2002476	TREE, BETULA NIGRA HERITAGE (HERITAGE RIVER BIRCH), 12' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	6.00	EACH	\$885.00	\$5,310.00	\$250.00	\$1,500.00	\$250.00	\$1,500.00	\$250.00	\$1,500.00
290	A2006216	TREE, POPULUS TREMULOIDES (QUAKING ASPEN), 2" CALIPER, BALLED AND BURLAPPED	16.00	EACH	\$885.00	\$14,160.00	\$200.00	\$3,200.00	\$200.00	\$3,200.00	\$200.00	\$3,200.00
291	A2007320	TREE, SALIX ALBA TRISTIS (GOLDEN WEEPING WILLOW), 2-1/2" CALIPER, BALLED AND BURLAPPED	3.00	EACH	\$790.00	\$2,370.00	\$250.00	\$750.00	\$250.00	\$750.00	\$250.00	\$750.00
292	A2007716	TREE, TAXODIUM DISTICHUM SHAWNEE BRAVE (SHAWNEE BRAVE BALD CYPRESS), 2" CALIPER, BALLED AND BURLAPPED	7.00	EACH	\$795.00	\$5,565.00	\$225.00	\$1,575.00	\$225.00	\$1,575.00	\$225.00	\$1,575.00
293	B2000768	TREE, AMELANCHIER X GRANDIFLORA AUTUMN BRILLIANCE (AUTUMN BRILLIANCE SERVICE BERRY), 7' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	20.00	EACH	\$675.00	\$13,500.00	\$175.00	\$3,500.00	\$175.00	\$3,500.00	\$175.00	\$3,500.00



Project: Rollins Road Grade Seperation

Section: 08-00080-56-BR

Description: Construction of Grade Seperation for Rollins Road & IL Route 83 with Wisconsin Central Railroad

Item No.	Pay Code	Description	Quantity	Unit	Eng Esti	mate	Lorig/Berger Jo	oint Venture	F.H. Paschen, S.N. Ni	elsen & Associates	Walsh Construction	on Company II, LLC
	,	2.550.161.51	ζγ		Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price
294	B2001266	TREE, CORNUS ALTERNIFOLIA (PAGODA DOG WOOD), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	15.00	EACH	\$760.00	\$11,400.00	\$175.00	\$2,625.00	\$175.00	\$2,625.00	\$175.00	\$2,625.00
295		TREE, MALUS SNOWDRIFT (SNOWDRIFT CRABAPPLE), 7' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	22.00	EACH	\$520.00	\$11,440.00	\$175.00	\$3,850.00	\$175.00	\$3,850.00	\$175.00	\$3,850.00
296	C2C00815	SHRUB, BERBERIS THUNBERGII ATROPURPUREA (REDLEAF JAPANESE BARBERRY), 15" WIDTH, CONTAINER	268.00	EACH	\$99.00	\$26,532.00	\$30.00	\$8,040.00	\$30.00	\$8,040.00	\$30.00	\$8,040.00
297	C2C03523	SHRUB, HYDRANGEA PANICULATA (LIME LIGHT PANICLE HYDRANGEA) 2.5' HEIGHT, CONTAINER GROWN	77.00	EACH	\$135.00	\$10,395.00	\$40.00	\$3,080.00	\$40.00	\$3,080.00	\$40.00	\$3,080.00
298		SHRUB, HAMAMELIS VIRGINIANA (COMMON WITCHHAZEL), 6' HEIGHT, BALLED AND BURLAPPED	13.00	EACH	\$750.00	\$9,750.00	\$175.00	\$2,275.00	\$175.00	\$2,275.00	\$175.00	\$2,275.00
299		SHRUB, RHUS AROMATICA GRO-LOW (GRO- LOW FRAGRANT SUMAC), 18" WIDTH, BALLED AND BURLAPPED	658.00	EACH	\$75.00	\$49,350.00	\$30.00	\$19,740.00	\$30.00	\$19,740.00	\$30.00	\$19,740.00
300		SHRUB, SYRINGA MEYERI PALIBIN (DWARF KOREAN LILAC), 2' HEIGHT, BALLED AND BURLAPPED	118.00	EACH	\$125.00	\$14,750.00	\$40.00	\$4,720.00	\$40.00	\$4,720.00	\$40.00	\$4,720.00
301		EVERGREEN, JUNIPERUS HORIZONTALIS HUGHES (HUGHES CREEPING JUNIPER), 18" WIDTH, BALLED AND BURLAPPED	350.00	EACH	\$105.00	\$36,750.00	\$30.00	\$10,500.00	\$30.00	\$10,500.00	\$30.00	\$10,500.00
302	D2002548	EVERGREEN, PINUS MUGO (MUGO PINE), 4' HEIGHT, BALLED AND BURLAPPED	41.00	EACH	\$453.00	\$18,573.00	\$100.00	\$4,100.00	\$100.00	\$4,100.00	\$100.00	\$4,100.00
303	D2002996	EVERGREEN, PINUS STROBUS (EASTERN WHITE PINE), 10' HEIGHT, BALLED AND BURLAPPED	16.00	EACH	\$1,465.00	\$23,440.00	\$300.00	\$4,800.00	\$300.00	\$4,800.00	\$300.00	\$4,800.00
304		EVERGREEN, TAXUS X MEDIA DENSIFORMIS DENSE ANGLOJAPANESE YEW), 3' WIDTH, BALLED AND BURLAPPED	35.00	EACH	\$330.00	\$11,550.00	\$75.00	\$2,625.00	\$75.00	\$2,625.00	\$75.00	\$2,625.00
305	K0013000	PERENNIAL PLANTS, PRAIRIE TYPE, 2" DIAMETER BY 4" DEEP PLUG	69.00	UNIT	\$9.00	\$621.00	\$275.00	\$18,975.00	\$275.00	\$18,975.00	\$275.00	\$18,975.00
306	K0013010	PERENNIAL PLANTS, PRAIRIE TYPE, QUART POT	49.00	UNIT	\$18.00	\$882.00	\$700.00	\$34,300.00	\$700.00	\$34,300.00	\$700.00	\$34,300.00



Project: Rollins Road Grade Seperation

Section: 08-00080-56-BR

Description: Construction of Grade Seperation for Rollins Road & IL Route 83 with Wisconsin Central Railroad

Item No.	Pay Code	Description	Quantity	Unit	Eng Esti	mate	Lorig/Berger J	loint Venture	F.H. Paschen, S.N. Nic	elsen & Associates	Walsh Construction	on Company II, LLC
					Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price
307	K0013030	PERENNIAL PLANTS, WETLAND TYPE, 2" DIAMETER BY 4" DEEP PLUG	49.00	UNIT	\$9.00	\$441.00	\$300.00	\$14,700.00	\$300.00	\$14,700.00	\$300.00	\$14,700.00
308	K0026610	TRANSPLANTED SALVAGED TREES	4.00	EACH	\$175.00	\$700.00	\$1,000.00	\$4,000.00	\$1,000.00	\$4,000.00	\$1,000.00	\$4,000.00
309	LC200051	REJECTED LOAD TRANSPORTATION	6.00	LOAD	\$400.00	\$2,400.00	\$550.00	\$3,300.00	\$400.00	\$2,400.00	\$500.00	\$3,000.00
310		SHRUB, CORNUS SERICEA FLAVIRAMEA (YELLOW TWIG DOGWOOD), 4' HEIGHT, BALLED AND BURLAPPED	49.00	EACH	\$93.00	\$4,557.00	\$50.00	\$2,450.00	\$50.00	\$2,450.00	\$50.00	\$2,450.00
311	LC200380	PERENNIAL PLANTS, WETLAND EMERGENT, 2" DIAMETER BY 2" DEEP PLUG	17.00	UNIT	\$9.00	\$153.00	\$300.00	\$5,100.00	\$300.00	\$5,100.00	\$300.00	\$5,100.00
312	LC200501	MAINTENANCE OF TEMPORARY EROSION CONTROL SYSTEMS	112,853.00	UNIT	\$1.00	\$112,853.00	\$1.00	\$112,853.00	\$1.00	\$112,853.00	\$1.00	\$112,853.00
313	LC200502	PERMEABLE PLASTIC BERM	100.00	FOOT	\$4.00	\$400.00	\$10.00	\$1,000.00	\$10.00	\$1,000.00	\$10.00	\$1,000.00
314	LC200505	EROSION CONTROL MAT	17,163.00	SQ YD	\$5.15	\$88,389.45	\$0.90	\$15,446.70	\$1.50	\$25,744.50	\$1.50	\$25,744.50
315	LC300202	HOT-MIX ASPHALT BASE COURSE WIDENING, 10" (SPECIAL)	196.00	SQ YD	\$80.00	\$15,680.00	\$54.00	\$10,584.00	\$50.00	\$9,800.00	\$54.21	\$10,625.16
316	LC400155	HOT-MIX ASPHALT BASE COURSE WIDENING, 9 3/4"	1,016.00	SQ YD	\$75.00	\$76,200.00	\$43.00	\$43,688.00	\$40.00	\$40,640.00	\$43.25	\$43,942.00
317	LC500009	TEMPORARY BRIDGE, FURNISH AND INSTALL	1.00	EACH	\$74,000.00	\$74,000.00	\$125,000.00	\$125,000.00	\$730,000.00	\$730,000.00	\$1.00	\$1.00
318	LC500010	TEMPORARY BRIDGE, RENTAL	11.00	CAL MO	\$16,000.00	\$176,000.00	\$16,000.00	\$176,000.00	\$7,171.36	\$78,884.96	\$1.00	\$11.00
319	LC500011	TEMPORARY BRIDGE, REMOVAL	1.00	EACH	\$53,000.00	\$53,000.00	\$125,000.00	\$125,000.00	\$25,000.00	\$25,000.00	\$1.00	\$1.00
320	LC500322	PRESSURE VALVE INSERT 16"	3.00	EACH	\$19,000.00	\$57,000.00	\$32,500.00	\$97,500.00	\$29,000.00	\$87,000.00	\$29,810.00	\$89,430.00
321	LC500328	TEMPORARY SANITARY SEWER 10"	350.00	FOOT	\$100.00	\$35,000.00	\$85.00	\$29,750.00	\$51.00	\$17,850.00	\$48.45	\$16,957.50
322	LC500329	TEMPORARY WATER MAIN 16"	165.00	FOOT	\$100.00	\$16,500.00	\$215.00	\$35,475.00	\$143.00	\$23,595.00	\$93.35	\$15,402.75
323		STEEL SHEET PILE, SKZ 20	4,679.00	SQ FT	\$41.20	\$192,774.80	\$40.00	\$187,160.00		\$93,580.00	\$0.01	\$46.79
324		DECK WATERPROOFING	2,583.00	SQ FT	\$20.60	\$53,209.80	\$29.00	\$74,907.00		\$38,202.57	\$23.00	\$59,409.00
325	LC600200	INSTALL SURVEY MONUMENTS	84.00	EACH	\$435.00	\$36,540.00	\$300.00	\$25,200.00	\$300.00	\$25,200.00	\$175.00	\$14,700.00
326	LC600209	PARK EQUIPMENT REMOVAL AND REPLACEMENT	3.00	EACH	\$510.00	\$1,530.00	\$4,000.00	\$12,000.00	\$11,809.00	\$35,427.00	\$4,000.00	\$12,000.00
327	LC600300	ASBESTOS & HAZARDOUS MATERIALS ABATEMENT FOR BUILDING REMOVAL	30,000.00	UNIT	\$1.00	\$30,000.00	\$1.00	\$30,000.00	\$1.00	\$30,000.00	\$1.00	\$30,000.00
328	LC720000	TEMPORARY INFORMATION SIGNS – BUSINESSES	768.00	SQ FT	\$18.00	\$13,824.00	\$25.00	\$19,200.00	\$20.00	\$15,360.00	\$20.00	\$15,360.00
329	LC800551	LAYER III (NETWORK) SWITCH	1.00	EACH	\$9,700.00	\$9,700.00	\$10,233.00	\$10,233.00	\$10,233.00	\$10,233.00	\$10,233.00	\$10,233.00
330	LC800552	VIDEO COMMUNICATIONS CABINET	1.00	EACH	\$7,500.00	\$7,500.00	\$17,285.00	\$17,285.00	\$17,285.00	\$17,285.00	\$17,285.00	\$17,285.00
331	LC800556	LAYER II (DATALINK) SWITCH	4.00	EACH	\$5,000.00	\$20,000.00	\$5,544.00	\$22,176.00	\$5,544.00	\$22,176.00	\$5,544.00	\$22,176.00
332	LC800559	TERMINAL SERVER	1.00	EACH	\$1,028.00	\$1,028.00	\$2,012.00	\$2,012.00	\$2,012.00	\$2,012.00	\$2,012.00	\$2,012.00



Project: Rollins Road Grade Seperation

Section: 08-00080-56-BR

Description: Construction of Grade Seperation for Rollins Road & IL Route 83 with Wisconsin Central Railroad

Item No.	Pay Code	Description	Quantity	Unit	Eng Esti	mate	Lorig/Berger J	oint Venture	F.H. Paschen, S.N. Ni	elsen & Associates	Walsh Constructi	on Company II, LLC
item No.	Tuy couc	Description	Quantity		Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price
333	LC800561	SERVICE INSTALLATION - GROUND MOUNTED W/ METER	2.00	EACH	\$2,500.00	\$5,000.00	\$4,365.00	\$8,730.00		\$8,730.00		\$8,730.00
334	1 (200651	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT (SPECIAL)	6.00	EACH	\$875.00	\$5,250.00	\$3,141.00	\$18,846.00	\$3,141.00	\$18,846.00	\$3,141.00	\$18,846.00
335	LC800652	STEEL MAST ARM ASSEMBLY AND POLE, 18FT. (SPECIAL)	2.00	EACH	\$3,400.00	\$6,800.00	\$8,993.00	\$17,986.00	\$8,993.00	\$17,986.00	\$8,993.00	\$17,986.00
336	1 CXOO653	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 16FT. (SPECIAL)	1.00	EACH	\$4,730.00	\$4,730.00	\$9,331.00	\$9,331.00	\$9,331.00	\$9,331.00	\$9,931.00	\$9,931.00
337	LC800654	STEEL MAST ARM ASSEMBLY AND POLE, 24FT. (SPECIAL)	1.00	EACH	\$4,395.00	\$4,395.00	\$11,596.00	\$11,596.00	\$11,596.00	\$11,596.00	\$11,596.00	\$11,596.00
338	17.800655	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 60 FT. (SPECIAL)	1.00	EACH	\$11,865.00	\$11,865.00	\$20,340.00	\$20,340.00	\$20,340.00	\$20,340.00	\$20,340.00	\$20,340.00
339	LCX00656	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 20 FT. (SPECIAL)	1.00	EACH	\$5,850.00	\$5,850.00	\$11,528.00	\$11,528.00	\$11,528.00	\$11,528.00	\$11,528.00	\$11,528.00
340	LC800657	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18FT (SPECIAL)	1.00	EACH	\$900.00	\$900.00	\$3,306.00	\$3,306.00	\$3,306.00	\$3,306.00	\$3,306.00	\$3,306.00
341	LC800658	CONCRETE FOUNDATION, TYPE 1	4.00	FOOT	\$175.00	\$700.00	\$680.00	\$2,720.00	\$680.00	\$2,720.00	\$680.00	\$2,720.00
342	LC800857	BLUETOOTH DETECTOR	1.00	EACH	\$6,000.00	\$6,000.00	\$7,378.00	\$7,378.00	\$7,378.00	\$7,378.00	\$7,378.00	\$7,378.00
343	LC800907	RELOCATE REMOTE CONTROLLED VIDEO SYSTEM	9.00	EACH	\$1,600.00	\$14,400.00	\$880.00	\$7,920.00	\$880.00	\$7,920.00	\$880.00	\$7,920.00
344	LC800908	RELOCATE VIDEO ENCODER	9.00	EACH	\$800.00	\$7,200.00	\$220.00	\$1,980.00	\$220.00	\$1,980.00	\$220.00	\$1,980.00
345	LC800909	RELOCATE LAYER II SWITCH	8.00	EACH	\$1,000.00	\$8,000.00	\$110.00	\$880.00	\$110.00	\$880.00	\$110.00	\$880.00
346	X0321809	PERMANENT GROUND ANCHOR	83.00	EACH	\$5,150.00	\$427,450.00	\$7,000.00	\$581,000.00	\$4,800.00	\$398,400.00	\$5,025.41	\$417,109.03
347	X0321865	ANTI-GRAFFITI PROTECTION SYSTEM	29,437.00	SQ FT	\$3.30	\$97,142.10	\$1.75	\$51,514.75	\$3.00	\$88,311.00	\$3.00	\$88,311.00
348	X0322936	REMOVE EXISTING FLARED END SECTION	24.00	EACH	\$275.00	\$6,600.00	\$345.00	\$8,280.00	\$210.00	\$5,040.00	\$115.00	\$2,760.00
349	X0322951	CABLE SPLICE SPECIAL	3.00	EACH	\$240.00	\$720.00	\$278.00	\$834.00	\$278.00	\$834.00	\$278.00	\$834.00
350	XU37/U85	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	2,997.00	FOOT	\$1.00	\$2,997.00	\$1.00	\$2,997.00	\$1.00	\$2,997.00	\$1.00	\$2,997.00
351	XU3/4455	DRILLING AND SETTING SOLDIER PILES (IN SOIL)	7,108.00	CU FT	\$41.20	\$292,849.60	\$23.00	\$163,484.00	\$9.00	\$63,972.00	\$40.00	\$284,320.00
352	X0324752	STORM SEWER TO BE FILLED	33.00	CU YD	\$165.00	\$5,445.00	\$160.00	\$5,280.00	\$510.00	\$16,830.00	\$340.00	\$11,220.00
353	X0325815	REMOVE EXISTING CABLE	7,998.00	FOOT	\$1.00	\$7,998.00	\$0.60	\$4,798.80	\$0.60	\$4,798.80	\$0.60	\$4,798.80
354	X0326227	PAINT NEW MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 1-UNDER 40 FEET, 1-OVER 40 FEET	1.00	EACH	\$2,500.00	\$2,500.00	\$1,452.00	\$1,452.00	\$1,452.00	\$1,452.00	\$1,452.00	\$1,452.00
355	X0326960	RELOCATE EXISTING HIGHWAY ADVISORY RADIO ANTENNA AND FOUNDATION	1.00	EACH	\$7,000.00	\$7,000.00	\$17,465.00	\$17,465.00	\$17,465.00	\$17,465.00	\$17,465.00	\$17,465.00
356	X0327002	STEEL CASINGS JACKED IN PLACE, 20"	184.00	FOOT	\$290.00	\$53,360.00	\$315.00	\$57,960.00	\$230.00	\$42,320.00	\$290.00	\$53,360.00



Project: Rollins Road Grade Seperation

Section: 08-00080-56-BR

Description: Construction of Grade Seperation for Rollins Road & IL Route 83 with Wisconsin Central Railroad

Item No.	Pay Code	Description	Quantity	Unit	Eng Esti	mate	Lorig/Berger Jo	oint Venture	F.H. Paschen, S.N. Nie	elsen & Associates	Walsh Construction	on Company II, LLC
					Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price
357	X0327036	BIKE PATH REMOVAL	553.00	SQ YD	\$2.50	\$1,382.50	\$5.65	\$3,124.45	\$3.50	\$1,935.50	\$5.00	\$2,765.00
358	X0327301	RELOCATE EXISTING MAILBOX	7.00	EACH	\$170.00	\$1,190.00	\$170.00	\$1,190.00	\$500.00	\$3,500.00	\$300.00	\$2,100.00
359	X0350810	BOLLARD REMOVAL	5.00	EACH	\$103.00	\$515.00	\$170.00	\$850.00	\$100.00	\$500.00	\$300.00	\$1,500.00
360	X0487700	SANITARY SEWER REMOVAL, 10"	1,606.00	FOOT	\$15.25	\$24,491.50	\$17.00	\$27,302.00	\$15.00	\$24,090.00	\$16.10	\$25,856.60
361	X2070302	POROUS GRANULAR EMBANKMENT, SPECIAL	24,531.00	TON	\$40.00	\$981,240.00	\$20.70	\$507,791.70	\$18.00	\$441,558.00	\$18.00	\$441,558.00
362	X2070304	POROUS GRANULAR EMBANKMENT, SPECIAL	3,285.00	CU YD	\$61.80	\$203,013.00	\$50.00	\$164,250.00	\$42.00	\$137,970.00	\$30.00	\$98,550.00
363	X2511630	EROSION CONTROL BLANKET (SPECIAL)	415.00	SQ YD	\$3.60	\$1,494.00	\$5.00	\$2,075.00	\$5.00	\$2,075.00	\$5.00	\$2,075.00
364	X2800500	INLET PROTECTION, SPECIAL	11.00	EACH	\$154.50	\$1,699.50	\$200.00	\$2,200.00	\$375.00	\$4,125.00	\$200.00	\$2,200.00
365	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	2,286.00	SQ YD	\$3.50	\$8,001.00	\$3.60	\$8,229.60	\$3.00	\$6,858.00	\$1.38	\$3,154.68
366	X4404000	PARKING LOT PAVEMENT REMOVAL	30,560.00	SQ YD	\$6.20	\$189,472.00	\$3.75	\$114,600.00	\$2.75	\$84,040.00	\$2.36	\$72,121.60
367	X5020200	STRUCTURE EXCAVATION (SPECIAL)	6,771.00	CU YD	\$51.50	\$348,706.50	\$34.00	\$230,214.00	\$33.00	\$223,443.00	\$50.00	\$338,550.00
368	X5030225	CONCRETE STRUCTURES (SPECIAL)	2,367.70	CU YD	\$721.00	\$1,707,111.70	\$450.00	\$1,065,465.00	\$575.00	\$1,361,427.50	\$450.00	\$1,065,465.00
369	X5051200	FURNISHING AND ERECTING STRUCTURAL STEEL, SPECIAL	1.00	L SUM	\$2,105,186.00	\$2,105,186.00	\$4,475,000.00	\$4,475,000.00	\$1,800,000.00	\$1,800,000.00	\$3,514,000.00	\$3,514,000.00
370	X5091755	PARAPET RAILING, SPECIAL	498.00	FOOT	\$128.75	\$64,117.50	\$105.00	\$52,290.00	\$95.79	\$47,703.42	\$133.00	\$66,234.00
371	X5091765	PIPE HANDRAIL, SPECIAL	988.00	FOOT	\$128.75	\$127,205.00	\$126.00	\$124,488.00	\$114.84	\$113,461.92	\$150.00	\$148,200.00
372	X5121800	PERMANENT STEEL SHEET PILING	15,429.00	SQ FT	\$46.35	\$715,134.15	\$41.00	\$632,589.00	\$22.00	\$339,438.00	\$20.00	\$308,580.00
373	X5537800	STORM SEWER TO BE CLEANED 12"	132.00	FOOT	\$10.00	\$1,320.00	\$4.00	\$528.00	\$5.00	\$660.00	\$5.00	\$660.00
374	X5537900	STORM SEWER TO BE CLEANED 15"	264.00	FOOT	\$11.00	\$2,904.00	\$4.00	\$1,056.00	\$5.00	\$1,320.00	\$5.00	\$1,320.00
375	X5538000	STORM SEWER TO BE CLEANED 18"	410.00	FOOT	\$12.00	\$4,920.00	\$4.00	\$1,640.00	\$5.00	\$2,050.00	\$5.00	\$2,050.00
376	X5538200	STORM SEWER TO BE CLEANED 24"	32.00	FOOT	\$13.00	\$416.00	\$6.00	\$192.00	\$5.00	\$160.00	\$8.00	\$256.00
377	X5538400	STORM SEWER TO BE CLEANED 30"	59.00	FOOT	\$14.00	\$826.00	\$6.00	\$354.00	\$10.00	\$590.00	\$8.00	\$472.00
378	X5538600	STORM SEWER TO BE CLEANED 36"	704.00	FOOT	\$15.00	\$10,560.00	\$7.00	\$4,928.00	\$10.00	\$7,040.00	\$12.00	\$8,448.00
379	X5538800	STORM SEWER TO BE CLEANED 48"	105.00	FOOT	\$15.00	\$1,575.00	\$7.00	\$735.00	\$10.00	\$1,050.00	\$15.00	\$1,575.00
380	X5610704	WATER MAIN REMOVAL, 4"	200.00	FOOT	\$8.00	\$1,600.00	\$14.00	\$2,800.00	\$12.00	\$2,400.00	\$9.15	\$1,830.00
381	X5610706	WATER MAIN REMOVAL, 6"	925.00	FOOT	\$10.00	\$9,250.00	\$14.00	\$12,950.00	\$12.00	\$11,100.00	\$9.40	\$8,695.00
382	X5610708	WATER MAIN REMOVAL, 8"	3,669.00	FOOT	\$12.00	\$44,028.00	\$14.00	\$51,366.00	\$12.00	\$44,028.00	\$9.45	\$34,672.05
383	X5610712	WATER MAIN REMOVAL, 12"	1,597.00	FOOT	\$16.00	\$25,552.00	\$14.00	\$22,358.00	\$12.00	\$19,164.00	\$9.50	\$15,171.50
384	X5610716	WATER MAIN REMOVAL, 16"	2,623.00	FOOT	\$20.00	\$52,460.00	\$14.00	\$36,722.00	\$12.00	\$31,476.00	\$9.55	\$25,049.65
385	X6013600	PIPE UNDERDRAINS 4" (MODIFIED)	11,670.00	FOOT	\$30.90	\$360,603.00	\$2.25	\$26,257.50	\$4.00	\$46,680.00	\$2.50	\$29,175.00
386	X6020175	DRAINAGE STRUCTURES WITH RESTRICTOR	1.00	EACH	\$3,500.00	\$3,500.00	\$7,500.00	\$7,500.00	\$4,900.00	\$4,900.00	\$4,160.00	\$4,160.00
387	X6020182	DRAINAGE STRUCTURE SPECIAL	1.00	L SUM	\$1,325.00	\$1,325.00	\$14,500.00	\$14,500.00	\$9,028.64	\$9,028.64	\$8,300.00	\$8,300.00
388	X6022312	DROP SANITARY MANHOLES, WITH TYPE 1 FRAME, CLOSED LID	2.00	EACH	\$3,500.00	\$7,000.00	\$7,600.00	\$15,200.00	\$4,700.00	\$9,400.00	\$3,690.00	\$7,380.00



Project: Rollins Road Grade Seperation

Section: 08-00080-56-BR

Description: Construction of Grade Seperation for Rollins Road & IL Route 83 with Wisconsin Central Railroad

	[1									
Item No.	Pay Code	Description	Quantity	Unit	Eng Esti	mate	Lorig/Berger Jo	oint Venture	F.H. Paschen, S.N. Ni		Walsh Construction	on Company II, LLC
					Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price
389	X6022810	MANHOLES, SANITARY, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	8.00	EACH	\$2,200.00	\$17,600.00	\$3,000.00	\$24,000.00	\$4,000.00	\$32,000.00	\$2,710.00	\$21,680.00
390	X6026050	SANITARY MANHOLES TO BE ADJUSTED	15.00	EACH	\$600.00	\$9,000.00	\$650.00	\$9,750.00	\$1,150.00	\$17,250.00	\$1,085.00	\$16,275.00
391		VALVE VAULTS TO BE REMOVED	10.00	EACH	\$390.00	\$3,900.00	\$550.00	\$5,500.00	\$375.00	\$3,750.00	\$500.00	\$5,000.00
392	X6029000	JUNCTION BOX	1.00	L SUM	\$61,800.00	\$61,800.00	\$49,000.00	\$49,000.00	\$47,350.00	\$47,350.00	\$40,450.00	\$40,450.00
393	X6061100	CONCRETE MEDIAN, TYPE SB (SPECIAL)	6,690.00	SQ FT	\$9.00	\$60,210.00	\$9.00	\$60,210.00	\$6.50	\$43,485.00	\$6.50	\$43,485.00
394	X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	24.00	CAL MO	\$2,060.00	\$49,440.00	\$3,900.00	\$93,600.00	\$2,500.00	\$60,000.00	\$10,000.00	\$240,000.00
395	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	1.00	L SUM	\$800,000.00	\$800,000.00	\$750,000.00	\$750,000.00	\$581,000.00	\$581,000.00	\$600,000.00	\$600,000.00
396	X7040010	TEMPORARY CONCRETE BARRIER (SPECIAL)	50.00	FOOT	\$30.90	\$1,545.00	\$50.00	\$2,500.00	\$75.00	\$3,750.00	\$20.00	\$1,000.00
397	X8100863	INTERCEPT EXISTING CONDUIT	1.00	EACH	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
398	X8410102	TEMPORARY LIGHTING SYSTEM	1.00	L SUM	\$70,000.00	\$70,000.00	\$107,100.00	\$107,100.00	\$107,100.00	\$107,100.00	\$107,100.00	\$107,100.00
399	X8570226	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	5.00	EACH	\$12,360.00	\$61,800.00	\$30,481.00	\$152,405.00	\$30,481.00	\$152,405.00	\$30,481.00	\$152,405.00
400	X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	6.00	EACH	\$6,800.00	\$40,800.00	\$8,758.00	\$52,548.00	\$8,758.00	\$52,548.00	\$8,758.00	\$52,548.00
401	XX/1007/4	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	11,427.00	FOOT	\$2.25	\$25,710.75	\$5.50	\$62,848.50	\$5.50	\$62,848.50	\$5.50	\$62,848.50
402	X8730571	ELECTRIC CABLE IN CONDUIT, COAXIAL	643.00	FOOT	\$1.80	\$1,157.40	\$1.90	\$1,221.70	\$1.90	\$1,221.70	\$1.90	\$1,221.70
403	X8730800	ELECTRIC CABLE IN CONDUIT, VIDEO, NO. 20 4 C	643.00	FOOT	\$1.35	\$868.05	\$1.00	\$643.00	\$1.00	\$643.00	\$1.00	\$643.00
404	XX//0125	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 28 FT. (SPECIAL)	1.00	EACH	\$13,000.00	\$13,000.00	\$13,052.00	\$13,052.00	\$13,052.00	\$13,052.00	\$13,052.00	\$13,052.00
405	XX//0136	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT. (SPECIAL)	1.00	EACH	\$14,110.00	\$14,110.00	\$15,618.00	\$15,618.00	\$15,618.00	\$15,618.00	\$15,618.00	\$15,618.00
406	XX//013/	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT. (SPECIAL)	2.00	EACH	\$14,420.00	\$28,840.00	\$15,696.00	\$31,392.00	\$15,696.00	\$31,392.00	\$15,696.00	\$31,392.00
407	XX / /()1 <u>/</u> ()	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT. (SPECIAL)	1.00	EACH	\$16,000.00	\$16,000.00	\$16,483.00	\$16,483.00	\$16,483.00	\$16,483.00	\$16,483.00	\$16,483.00
408	XX//()141	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT. (SPECIAL)	1.00	EACH	\$16,500.00	\$16,500.00	\$16,540.00	\$16,540.00	\$16,540.00	\$16,540.00	\$16,540.00	\$16,540.00
409	XX//()142	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT. (SPECIAL)	1.00	EACH	\$17,000.00	\$17,000.00	\$16,464.00	\$16,464.00	\$16,464.00	\$16,464.00	\$16,464.00	\$16,464.00
410	X8770152	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT. (SPECIAL)	3.00	EACH	\$17,500.00	\$52,500.00	\$18,095.00	\$54,285.00	\$18,095.00	\$54,285.00	\$18,095.00	\$54,285.00



Project: Rollins Road Grade Seperation

Section: 08-00080-56-BR

Description: Construction of Grade Seperation for Rollins Road & IL Route 83 with Wisconsin Central Railroad

Item No.	Pay Code	Description	Quantity	Unit	Eng Esti	mate	Lorig/Berger Jo	oint Venture	F.H. Paschen, S.N. Ni	elsen & Associates	Walsh Construction	on Company II, LLC
	1 11, 50110	2333.	ζ,		Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price
411	XX//0154	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT. (SPECIAL)	1.00	EACH	\$18,000.00	\$18,000.00	\$20,657.00	\$20,657.00	\$20,657.00	\$20,657.00	\$20,657.00	\$20,657.00
412	XX770156	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 56 FT. (SPECIAL)	1.00	EACH	\$18,200.00	\$18,200.00	\$20,768.00	\$20,768.00	\$20,768.00	\$20,768.00	\$20,768.00	\$20,768.00
413	XX772930	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT. (SPECIAL)	1.00	EACH	\$15,000.00	\$15,000.00	\$16,448.00	\$16,448.00	\$16,448.00	\$16,448.00	\$16,448.00	\$16,448.00
414	XX900015	TEMPORARY TRAFFIC SIGNAL INTERCONNECTION SYSTEM	1.00	L SUM	\$443,520.00	\$443,520.00	\$135,350.00	\$135,350.00	\$135,350.00	\$135,350.00	\$135,350.00	\$135,350.00
415	X8900100	TEMPORARY TRAFFIC SIGNAL INSTALLATION (SPECIAL)	6.00	EACH	\$23,090.00	\$138,540.00	\$65,380.00	\$392,280.00	\$65,380.00	\$392,280.00	\$65,380.00	\$392,280.00
416	XX003668	PRECONSTRUCTION VIDEO TAPING	1.00	L SUM	\$10,300.00	\$10,300.00	\$2,500.00	\$2,500.00	\$10,000.00	\$10,000.00	\$2,000.00	\$2,000.00
417	XX005230	VIDEO DETECTION SYSTEM COMPLETE INTERSECTION	3.00	L SUM	\$22,500.00	\$67,500.00	\$34,846.00	\$104,538.00	\$34,846.00	\$104,538.00	\$34,846.00	\$104,538.00
418	XX005937	LED INTERNALLY ILLUMINATED STREET NAME SIGN	17.00	EACH	\$3,300.00	\$56,100.00	\$4,618.00	\$78,506.00	\$4,618.00	\$78,506.00	\$4,618.00	\$78,506.00
419	XX005940	REMOTE CONTROLLED VIDEO SYSTEM	5.00	EACH	\$2,960.00	\$14,800.00	\$5,365.00	\$26,825.00	\$5,365.00	\$26,825.00	\$5,365.00	\$26,825.00
420	XX006658	FLOCCULATION LOGS	230.00	EACH	\$257.50	\$59,225.00	\$12.00	\$2,760.00	\$25.00	\$5,750.00	\$25.00	\$5,750.00
421	XX006659	FLOCCULATION POWDER	447.00	POUND	\$41.25	\$18,438.75	\$1.75	\$782.25	\$10.00	\$4,470.00	\$10.00	\$4,470.00
422	XX006701	SEEDING CLASS 4 (MODIFIED) MESSIC PRAIRIE	0.75	ACRE	\$2,385.00	\$1,788.75	\$2,250.00	\$1,687.50	\$2,250.00	\$1,687.50	\$2,250.00	\$1,687.50
423	XX()()6/()/	SEEDING CLASS 4 (MODIFIED) WET TO MESSIC	0.25	ACRE	\$3,050.00	\$762.50	\$5,000.00	\$1,250.00	\$5,000.00	\$1,250.00	\$5,000.00	\$1,250.00
424	XX006706	SEEDING CLASS 4 (MODIFIED) DETENTION BASIN	1.25	ACRE	\$2,690.00	\$3,362.50	\$3,000.00	\$3,750.00	\$3,000.00	\$3,750.00	\$3,000.00	\$3,750.00
425	XX006709	SEEDING CLASS 5 (MODIFIED) MESSIC PRAIRIE	0.75	ACRE	\$2,640.00	\$1,980.00	\$2,500.00	\$1,875.00	\$2,500.00	\$1,875.00	\$2,500.00	\$1,875.00
426	XX006710	SEEDING CLASS 5 (MODIFIED) WET TO MESSIC	0.25	ACRE	\$3,090.00	\$772.50	\$5,000.00	\$1,250.00	\$5,000.00	\$1,250.00	\$5,000.00	\$1,250.00
427	XX007023	STAINING CONCRETE STRUCTURES	2,233.00	SQ YD	\$37.10	\$82,844.30	\$27.00	\$60,291.00	\$18.00	\$40,194.00	\$26.75	\$59,732.75
428	XX007881	DOCUMENTATION CAMERAS	1.00	L SUM	\$41,200.00	\$41,200.00	\$20,000.00	\$20,000.00	\$36,000.00	\$36,000.00	\$23,040.00	\$23,040.00
429	XX008253	VIDEO ENCODER	5.00	EACH	\$5,000.00	\$25,000.00	\$2,238.00	\$11,190.00	\$2,238.00	\$11,190.00	\$2,238.00	\$11,190.00
430	XX008254	LAYER III FIBER OPTIC TRANSCEIVER MODULE, SFP TYPE, LONG DISTANCE	1.00	EACH	\$1,375.00	\$1,375.00	\$1,346.00	\$1,346.00	\$1,346.00	\$1,346.00	\$1,346.00	\$1,346.00
431	XX008392	OUTDOOR RATED NETWORK CABLE	86.00	FOOT	\$2.90	\$249.40	\$2.10	\$180.60	\$2.10	\$180.60	\$2.10	\$180.60
432	XZ127900	RETAINING WALL REMOVAL	260.00	FOOT	\$50.00	\$13,000.00	\$19.50	\$5,070.00	\$8.50	\$2,210.00	\$25.00	\$6,500.00
433	70004910	HOT-MIX ASPHALT FOR PATCHING POTHOLES (HOT MIX)	10.00	TON	\$148.00	\$1,480.00	\$263.00	\$2,630.00	\$52.00	\$520.00	\$50.00	\$500.00



Project: Rollins Road Grade Seperation

Section: 08-00080-56-BR

Description: Construction of Grade Seperation for Rollins Road & IL Route 83 with Wisconsin Central Railroad

Item No.	Pay Code	Description	Quantity	Unit	Eng Esti	mate	Lorig/Berger Jo	nint Venture	F.H. Paschen, S.N. Ni	elsen & Associates	Walsh Construction	on Company II, LLC
item No.	Pay Code	Description	Quantity	Oilit	Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price
		I HOT-MIX ASPHALT FOR PATCHING POTHOLES			Office	Extilu. Frice	Office	Extilu. I fice	Office	Extilu. Frice	Office	Extilu. I fice
434	Z0005010	(COLD MIX)	10.00	TON	\$148.00	\$1,480.00	\$263.00	\$2,630.00	\$145.00	\$1,450.00	\$125.00	\$1,250.00
435	Z0007118	UNTREATED TIMBER LAGGING	3,876.00	SQ FT	\$15.45	\$59,884.20	\$12.00	\$46,512.00	\$19.00	\$73,644.00	\$20.00	\$77,520.00
436		BUILDING REMOVAL NO. 1	1.00	L SUM	\$16,000.00	\$16,000.00	\$23,500.00	\$23,500.00	\$19,200.00	\$19,200.00	\$250,000.00	\$250,000.00
437		BUILDING REMOVAL NO. 2	1.00	L SUM	\$12,000.00	\$12,000.00	\$23,500.00	\$23,500.00	\$17,540.00	\$17,540.00	\$250,000.00	\$250,000.00
438		BUILDING REMOVAL NO. 3	1.00	L SUM	\$16,000.00	\$16,000.00	\$38,500.00	\$38,500.00	\$28,700.00	\$28,700.00	\$250,000.00	\$250,000.00
439	Z0007604	BUILDING REMOVAL NO. 4	1.00	L SUM	\$8,000.00	\$8,000.00	\$11,750.00	\$11,750.00	\$14,500.00	\$14,500.00	\$50,000.00	\$50,000.00
440		BUILDING REMOVAL NO. 5	1.00	L SUM	\$8,000.00	\$8,000.00	\$11,750.00	\$11,750.00	\$15,500.00	\$15,500.00	\$50,000.00	\$50,000.00
441		BUILDING REMOVAL NO. 6	1.00	L SUM	\$8,000.00	\$8,000.00	\$11,750.00	\$11,750.00	\$14,500.00	\$14,500.00	\$50,000.00	\$50,000.00
442	Z0007607	BUILDING REMOVAL NO. 7	1.00	L SUM	\$8,000.00	\$8,000.00	\$11,750.00	\$11,750.00	\$15,500.00	\$15,500.00	\$50,000.00	\$50,000.00
443	Z0013797	STABILIZED CONSTRUCTION ENTRANCE	2,340.00	SQ YD	\$17.00	\$39,780.00	\$16.00	\$37,440.00	\$5.00	\$11,700.00	\$0.01	\$23.40
444	Z0013798	CONSTRUCTION LAYOUT	1.00	L SUM	\$381,333.00	\$381,333.00	\$400,000.00	\$400,000.00	\$350,000.00	\$350,000.00	\$500,000.00	\$500,000.00
445	Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	19.00	EACH	\$292.00	\$5,548.00	\$265.00	\$5,035.00	\$260.00	\$4,940.00	\$150.00	\$2,850.00
446	Z0019600	DUST CONTROL WATERING	100.00	UNIT	\$82.00	\$8,200.00	\$1.00	\$100.00	\$100.00	\$10,000.00	\$125.00	\$12,500.00
447	Z0022800	FENCE REMOVAL	132.00	FOOT	\$5.15	\$679.80	\$3.50	\$462.00	\$3.50	\$462.00	\$6.00	\$792.00
448	Z0026402	FURNISHING SOLDIER PILES (HP SECTION)	85.00	FOOT	\$61.80	\$5,253.00	\$39.00	\$3,315.00	\$42.00	\$3,570.00	\$40.00	\$3,400.00
449	Z0026404	FURNISHING SOLDIER PILES (W SECTION)	1,410.00	FOOT	\$72.10	\$101,661.00	\$75.00	\$105,750.00	\$65.00	\$91,650.00	\$75.00	\$105,750.00
450	Z0026408	TEMPORARY SHEET PILING (SPECIAL)	39,185.00	SQ FT	\$72.50	\$2,840,912.50	\$23.00	\$901,255.00	\$42.00	\$1,645,770.00	\$36.00	\$1,410,660.00
451	Z0030850	TEMPORARY INFORMATION SIGNING	242.00	SQ FT	\$16.50	\$3,993.00	\$15.00	\$3,630.00	\$15.00	\$3,630.00	\$15.00	\$3,630.00
452	70033046	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	10.00	EACH	\$2,000.00	\$20,000.00	\$1,287.00	\$12,870.00	\$1,287.00	\$12,870.00	\$1,287.00	\$12,870.00
453	70033058	POST MOUNTED FLASHING BEACON INSTALLATION (SPECIAL)	4.00	EACH	\$18,000.00	\$72,000.00	\$1,639.00	\$6,556.00	\$1,639.00	\$6,556.00	\$1,639.00	\$6,556.00
454	Z0046308	PIPE UNDERDRAINS FOR STRUCTURES 8"	152.00	FOOT	\$30.90	\$4,696.80	\$58.00	\$8,816.00	\$50.00	\$7,600.00	\$47.89	\$7,279.28
455	Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	1.00	L SUM	\$50,000.00	\$50,000.00	\$100,000.00	\$100,000.00	\$35,000.00	\$35,000.00	\$100,000.00	\$100,000.00
456	/UU566UX	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	831.00	FOOT	\$66.00	\$54,846.00	\$66.15	\$54,970.65	\$45.00	\$37,395.00	\$31.30	\$26,010.30
457	/0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	148.00	FOOT	\$78.00	\$11,544.00	\$83.00	\$12,284.00	\$57.00	\$8,436.00	\$35.25	\$5,217.00
458	/0056617	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	254.00	FOOT	\$81.00	\$20,574.00	\$94.00	\$23,876.00	\$65.00	\$16,510.00	\$34.55	\$8,775.70
459	/0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	106.00	FOOT	\$106.00	\$11,236.00	\$122.00	\$12,932.00	\$87.00	\$9,222.00	\$46.40	\$4,918.40
460	70056620	STORM SEWER (WATER MAIN REQUIREMENTS) 30 INCH	32.00	FOOT	\$155.00	\$4,960.00	\$160.00	\$5,120.00	\$112.00	\$3,584.00	\$60.45	\$1,934.40



Project: Rollins Road Grade Seperation

Section: 08-00080-56-BR

Description: Construction of Grade Seperation for Rollins Road & IL Route 83 with Wisconsin Central Railroad

Item No.	Pay Code	Description	Quantity	Unit	Eng Estimate		Lorig/Berger J	oint Venture	F.H. Paschen, S.N. Ni	elsen & Associates	Walsh Construction	on Company II, LLC
					Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price	Unit Price	Extnd. Price
461	Z0056622	STORM SEWER (WATER MAIN REQUIREMENTS) 36 INCH	153.00	FOOT	\$172.00	\$26,316.00	\$180.00	\$27,540.00	\$141.00	\$21,573.00	\$74.10	\$11,337.30
462	Z0057000	SANITARY SEWER 10"	1,512.00	FOOT	\$78.00	\$117,936.00	\$89.00	\$134,568.00	\$119.00	\$179,928.00	\$44.00	\$66,528.00
463	Z0062456	TEMPORARY PAVEMENT	24,453.00	SQ YD	\$32.00	\$782,496.00	\$32.00	\$782,496.00	\$25.00	\$611,325.00	\$50.00	\$1,222,650.00
464	Z0062458	TEMPORARY PAVEMENT (VARIABLE DEPTH)	687.00	TON	\$103.00	\$70,761.00	\$76.00	\$52,212.00	\$75.00	\$51,525.00	\$75.00	\$51,525.00
465	Z0067900	STEEL CASINGS 24"	175.00	FOOT	\$150.00	\$26,250.00	\$100.00	\$17,500.00	\$99.00	\$17,325.00	\$136.10	\$23,817.50
466	Z0068200	STEEL CASINGS 30"	397.00	FOOT	\$300.00	\$119,100.00	\$129.00	\$51,213.00	\$121.00	\$48,037.00	\$137.00	\$54,389.00
467	Z0068300	STEEL CASINGS 36"	158.00	FOOT	\$400.00	\$63,200.00	\$185.00	\$29,230.00	\$167.00	\$26,386.00	\$226.00	\$35,708.00
468	Z0069700	SUB-BALLAST	4,246.00	CU YD	\$23.00	\$97,658.00	\$48.00	\$203,808.00	\$37.00	\$157,102.00	\$50.00	\$212,300.00
469	Z0073345	SLEEPER SLAB	756.00	FOOT	\$100.00	\$75,600.00	\$70.00	\$52,920.00	\$50.00	\$37,800.00	\$51.26	\$38,752.56
470	Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	19.00	EACH	\$1,236.00	\$23,484.00	\$451.00	\$8,569.00	\$451.00	\$8,569.00	\$451.00	\$8,569.00
	Bid Total					\$39,760,518.50		\$34,970,189.58		\$30,795,374.03		\$33,784,283.59



Project: Rollins Road Grade Seperation

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Description: Construction of Grade Seperation for Rollins Road & IL Route 83 with Wisconsin Central Railroad

					Eng E	stimate			
Item No.	Pay Code	Description	Quantity	Unit	Unit Price	Extnd. Price	Min. Bid Price	Max. Bid Price	Avg. Bid Price
1	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	911.00	UNIT	\$14.50	\$13,209.50	\$7.00	\$9.00	\$7.67
2	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	1,017.00	UNIT	\$17.50	\$17,797.50	\$9.00	\$11.00	\$9.67
3	20101000	TEMPORARY FENCE	35,239.00	FOOT	\$4.00	\$140,956.00	\$2.50	\$2.85	\$2.62
4	20101100	TREE TRUNK PROTECTION	38.00	EACH	\$100.00	\$3,800.00	\$50.00	\$65.00	\$55.00
5	20200100	EARTH EXCAVATION	127,266.00	CU YD	\$20.00	\$2,545,320.00	\$16.00	\$22.00	\$18.50
6	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	128,383.00	CU YD	\$30.00	\$3,851,490.00	\$16.00	\$20.00	\$17.83
7	20400800	FURNISHED EXCAVATION	24,482.00	CU YD	\$20.00	\$489,640.00	\$0.01	\$0.01	\$0.01
8	20800150	TRENCH BACKFILL	4,916.00	CU YD	\$30.00	\$147,480.00	\$25.35	\$44.00	\$33.10
9	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	36,822.00	SQ YD	\$1.55	\$57,074.10	\$1.00	\$2.00	\$1.38
10	21101615	TOPSOIL FURNISH AND PLACE, 4"	31,914.00	SQ YD	\$4.50	\$143,613.00	\$2.10	\$3.00	\$2.45
11	25000210	SEEDING, CLASS 2A	7.00	ACRE	\$4,130.00	\$28,910.00	\$1,350.00	\$1,350.00	\$1,350.00
12	25000310	SEEDING, CLASS 4	2.00	ACRE	\$2,266.00	\$4,532.00	\$1,400.00	\$1,400.00	\$1,400.00
13	25000314	SEEDING, CLASS 4B	1.00	ACRE	\$2,266.00	\$2,266.00	\$4,000.00	\$4,000.00	\$4,000.00
14	25000400	NITROGEN FERTILIZER NUTRIENT	1,148.00	POUND	\$3.20	\$3,673.60	\$1.50	\$1.50	\$1.50
15	25000600	POTASSIUM FERTILIZER NUTRIENT	1,148.00	POUND	\$3.20	\$3,673.60	\$1.50	\$1.50	\$1.50
16	25100115	MULCH, METHOD 2	17.50	ACRE	\$1,339.00	\$23,432.50	\$1,400.00	\$1,400.00	\$1,400.00
17	25100630	EROSION CONTROL BLANKET	42,740.00	SQ YD	\$2.00	\$85,480.00	\$0.95	\$0.95	\$0.95
18	25200110	SODDING, SALT TOLERANT	28,275.00	SQ YD	\$5.50	\$155,512.50	\$4.50	\$4.50	\$4.50
19	25200200	SUPPLEMENTAL WATERING	100.00	UNIT	\$5.15	\$515.00	\$25.00	\$25.00	\$25.00



Project: Rollins Road Grade Seperation

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Description: Construction of Grade Seperation for Rollins Road & IL Route 83 with Wisconsin Central Railroad

					Eng E	stimate			
Item No.	Pay Code	Description	Quantity	Unit	Unit Price	Extnd. Price	Min. Bid Price	Max. Bid Price	Avg. Bid Price
20	28000250	TEMPORARY EROSION CONTROL SEEDING	2,481.00	POUND	\$6.00	\$14,886.00	\$2.00	\$2.00	\$2.00
21	28000305	TEMPORARY DITCH CHECKS	100.00	FOOT	\$13.00	\$1,300.00	\$9.50	\$9.50	\$9.50
22	28000400	PERIMETER EROSION BARRIER	15,801.00	FOOT	\$3.60	\$56,883.60	\$1.80	\$1.80	\$1.80
23	28000510	INLET FILTERS	160.00	EACH	\$174.00	\$27,840.00	\$100.00	\$100.00	\$100.00
24	28100105	STONE RIPRAP, CLASS A3	204.00	SQ YD	\$46.00	\$9,384.00	\$35.00	\$42.00	\$38.33
25	28100107	STONE RIPRAP, CLASS A4	143.00	SQ YD	\$64.00	\$9,152.00	\$45.00	\$56.00	\$51.00
26	28200200	FILTER FABRIC	347.00	SQ YD	\$6.00	\$2,082.00	\$2.00	\$3.25	\$2.75
27	30300104	AGGREGATE SUBGRADE IMPROVEMENT 4"	23,267.00	SQ YD	\$4.00	\$93,068.00	\$0.01	\$5.00	\$2.90
28	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	73,447.00	SQ YD	\$11.30	\$829,951.10	\$0.01	\$10.10	\$6.70
29	35100300	AGGREGATE BASE COURSE, TYPE A 4"	10,305.00	SQ YD	\$13.50	\$139,117.50	\$4.00	\$4.50	\$4.30
30	35100500	AGGREGATE BASE COURSE, TYPE A 6"	25,276.00	SQ YD	\$15.00	\$379,140.00	\$5.85	\$7.00	\$6.62
31	35501324	HOT-MIX ASPHALT BASE COURSE, 10"	3,334.00	SQ YD	\$50.50	\$168,367.00	\$42.00	\$42.59	\$42.20
32	35600716	HOT-MIX ASPHALT BASE COURSE WIDENING, 10"	167.00	SQ YD	\$70.00	\$11,690.00	\$59.25	\$60.00	\$59.73
33	40201000	AGGREGATE FOR TEMPORARY ACCESS	2,932.00	TON	\$24.00	\$70,368.00	\$0.01	\$18.45	\$10.49
34	40600100	BITUMINOUS MATERIALS (PRIME COAT)	10,579.00	GALLON	\$2.50	\$26,447.50	\$0.01	\$0.01	\$0.01
35	40600300	AGGREGATE (PRIME COAT)	6.00	TON	\$41.00	\$246.00	\$1.00	\$75.00	\$25.67
36	40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	1,206.00	TON	\$88.00	\$106,128.00	\$100.00	\$110.41	\$106.80
37	40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	47.00	TON	\$112.00	\$5,264.00	\$117.00	\$150.00	\$128.34



Project: Rollins Road Grade Seperation

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Description: Construction of Grade Seperation for Rollins Road & IL Route 83 with Wisconsin Central Railroad

					Eng Es	stimate			
Item No.	Pay Code	Description	Quantity	Unit	Unit Price	Extnd. Price	Min. Bid Price	Max. Bid Price	Avg. Bid Price
38	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	3,589.00	TON	\$98.00	\$351,722.00	\$69.85	\$70.00	\$69.95
39	40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	2,365.00	TON	\$82.00	\$193,930.00	\$90.00	\$93.10	\$91.70
40	40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	268.00	TON	\$113.00	\$30,284.00	\$75.00	\$85.43	\$81.64
41	40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	2,475.00	TON	\$134.00	\$331,650.00	\$93.00	\$97.56	\$95.60
42	42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	1,997.00	SQ YD	\$40.25	\$80,379.25	\$40.00	\$64.00	\$48.55
43	42000401	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	44,324.00	SQ YD	\$46.00	\$2,038,904.00	\$40.00	\$45.00	\$42.33
44	42000900	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 8"	3,621.00	SQ YD	\$47.00	\$170,187.00	\$43.00	\$59.00	\$49.00
45	42001300	PROTECTIVE COAT	62,967.00	SQ YD	\$0.50	\$31,483.50	\$0.01	\$0.25	\$0.14
46	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	36,462.00	SQ FT	\$4.00	\$145,848.00	\$3.90	\$4.25	\$4.02
47	42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	160.00	SQ FT	\$6.00	\$960.00	\$4.50	\$6.00	\$5.00
48	42400800	DETECTABLE WARNINGS	641.00	SQ FT	\$25.00	\$16,025.00	\$24.00	\$52.00	\$33.33
49	44000100	PAVEMENT REMOVAL	29,749.00	SQ YD	\$8.00	\$237,992.00	\$6.45	\$8.00	\$6.98
50	44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	25,098.00	SQ YD	\$3.00	\$75,294.00	\$1.50	\$3.00	\$2.45
51	44000200	DRIVEWAY PAVEMENT REMOVAL	3,741.00	SQ YD	\$9.00	\$33,669.00	\$4.00	\$6.00	\$5.00



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					Eng E	stimate			
Item No.	Pay Code	Description	Quantity	Unit	Unit Price	Extnd. Price	Min. Bid Price	Max. Bid Price	Avg. Bid Price
52	44000500	COMBINATION CURB AND GUTTER REMOVAL	18,214.00	FOOT	\$5.00	\$91,070.00	\$2.65	\$5.50	\$4.05
53	44000600	SIDEWALK REMOVAL	10,789.00	SQ FT	\$1.25	\$13,486.25	\$0.60	\$3.00	\$1.50
54	44002209	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 2 1/4"	370.00	SQ YD	\$35.00	\$12,950.00	\$2.00	\$17.00	\$9.67
55	44003100	MEDIAN REMOVAL	1,692.00	SQ FT	\$6.00	\$10,152.00	\$2.00	\$3.75	\$2.92
56	44004000	PAVED DITCH REMOVAL	217.00	FOOT	\$12.00	\$2,604.00	\$3.00	\$9.50	\$5.83
57	44004250	PAVED SHOULDER REMOVAL	2,695.00	SQ YD	\$6.00	\$16,170.00	\$5.00	\$6.75	\$5.58
58	44201741	CLASS D PATCHES, TYPE II, 8 INCH	59.00	SQ YD	\$75.00	\$4,425.00	\$70.00	\$85.00	\$79.33
59	44201745	CLASS D PATCHES, TYPE III, 8 INCH	112.00	SQ YD	\$68.00	\$7,616.00	\$80.00	\$85.00	\$82.67
60	44201747	CLASS D PATCHES, TYPE IV, 8 INCH	199.00	SQ YD	\$66.00	\$13,134.00	\$80.00	\$85.00	\$82.67
61	50102400	CONCRETE REMOVAL	88.60	CU YD	\$721.00	\$63,880.60	\$102.53	\$345.00	\$215.84
62	50105220	PIPE CULVERT REMOVAL	577.00	FOOT	\$23.00	\$13,271.00	\$11.70	\$14.00	\$12.57
63	50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	40.00	CU YD	\$51.50	\$2,060.00	\$60.00	\$75.00	\$66.67
64	50300225	CONCRETE STRUCTURES	711.20	CU YD	\$721.00	\$512,775.20	\$650.00	\$850.00	\$750.00
65	50300285	FORM LINER TEXTURED SURFACE	20,061.00	SQ FT	\$18.55	\$372,131.55	\$6.00	\$10.00	\$8.00
66	50500505	STUD SHEAR CONNECTORS	2,444.00	EACH	\$4.65	\$11,364.60	\$12.00	\$14.50	\$12.83
67	50800105	REINFORCEMENT BARS	5,500.00	POUND	\$1.25	\$6,875.00	\$0.90	\$1.10	\$0.97
68	50800205	REINFORCEMENT BARS, EPOXY COATED	313,470.00	POUND	\$1.35	\$423,184.50	\$0.97	\$1.25	\$1.07
69	51201900	FURNISHING STEEL PILES HP14X89	15,786.00	FOOT	\$86.50	\$1,365,489.00	\$37.00	\$54.00	\$47.00
70	51202305	DRIVING PILES	15,786.00	FOOT	\$1.25	\$19,732.50	\$1.00	\$1.00	\$1.00
71	51203900	TEST PILE STEEL HP14X89	6.00	EACH	\$30,900.00	\$185,400.00	\$7,000.00	\$15,000.00	\$10,666.67
72	51500100	NAME PLATES	1.00	EACH	\$515.00	\$515.00	\$365.00	\$1,250.00	\$705.00



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					Eng E	stimate			
Item No.	Pay Code	Description	Quantity	Unit	Unit Price	Extnd. Price	Min. Bid Price	Max. Bid Price	Avg. Bid Price
73	54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	1.00	EACH	\$12,000.00	\$12,000.00	\$7,150.00	\$16,750.00	\$12,833.33
74	542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	69.00	FOOT	\$50.00	\$3,450.00	\$36.05	\$39.00	\$37.85
75	542D1063	PIPE CULVERTS, CLASS D, TYPE 2 18"	6.00	FOOT	\$50.00	\$300.00	\$50.00	\$150.00	\$96.33
76	542D1081	PIPE CULVERTS, CLASS D, TYPE 2 36"	111.00	FOOT	\$90.00	\$9,990.00	\$58.00	\$83.00	\$66.40
77	54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	3.00	EACH	\$592.25	\$1,776.75	\$550.00	\$1,130.00	\$826.67
78	54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	2.00	EACH	\$635.00	\$1,270.00	\$570.00	\$1,160.00	\$851.67
79	54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	7.00	EACH	\$680.00	\$4,760.00	\$630.00	\$1,190.00	\$921.67
80	54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	3.00	EACH	\$740.00	\$2,220.00	\$830.00	\$1,270.00	\$1,050.00
81	54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	3.00	EACH	\$1,200.00	\$3,600.00	\$1,160.00	\$1,650.00	\$1,463.33
82	54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	3.00	EACH	\$360.50	\$1,081.50	\$330.00	\$750.00	\$553.33
83	54247170	GRATING FOR CONCRETE FLARED END SECTION 36"	3.00	EACH	\$585.00	\$1,755.00	\$500.00	\$925.00	\$730.00
84	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	1,165.00	FOOT	\$34.00	\$39,610.00	\$30.30	\$36.75	\$33.68
85	550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	102.00	FOOT	\$41.00	\$4,182.00	\$37.20	\$46.00	\$40.73
86	550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	114.00	FOOT	\$42.00	\$4,788.00	\$35.50	\$42.25	\$38.25
87	550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	504.00	FOOT	\$56.00	\$28,224.00	\$37.00	\$48.00	\$43.17
88	550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	232.00	FOOT	\$72.00	\$16,704.00	\$56.00	\$74.00	\$65.90



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					Eng Es	stimate			
Item No.	Pay Code	Description	Quantity	Unit	Unit Price	Extnd. Price	Min. Bid Price	Max. Bid Price	Avg. Bid Price
89	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	3,548.00	FOOT	\$45.00	\$159,660.00	\$30.00	\$38.75	\$33.25
90	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	251.00	FOOT	\$45.00	\$11,295.00	\$30.00	\$44.00	\$36.55
91	550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	332.00	FOOT	\$50.00	\$16,600.00	\$32.00	\$49.00	\$39.32
92	550A0400	STORM SEWERS, CLASS A, TYPE 2 21"	158.00	FOOT	\$55.00	\$8,690.00	\$35.00	\$54.00	\$43.75
93	550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	109.00	FOOT	\$57.00	\$6,213.00	\$42.00	\$55.00	\$48.22
94	550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	71.00	FOOT	\$63.00	\$4,473.00	\$49.40	\$73.00	\$57.80
95	550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	457.00	FOOT	\$79.00	\$36,103.00	\$56.00	\$94.50	\$71.15
96	550A4500	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	561.00	FOOT	\$106.00	\$59,466.00	\$74.00	\$108.00	\$89.20
97	550A5100	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 30"	37.00	FOOT	\$134.00	\$4,958.00	\$76.00	\$125.00	\$96.45
98	550B0070	STORM SEWERS, CLASS B, TYPE 1 15"	14.00	FOOT	\$61.00	\$854.00	\$41.00	\$78.65	\$56.22
99	550B0340	STORM SEWERS, CLASS B, TYPE 2 12"	75.00	FOOT	\$70.00	\$5,250.00	\$25.00	\$49.00	\$34.63
100	550B0360	STORM SEWERS, CLASS B, TYPE 2 15"	49.00	FOOT	\$72.00	\$3,528.00	\$28.00	\$54.00	\$41.52
101	550B0410	STORM SEWERS, CLASS B, TYPE 2 24"	43.00	FOOT	\$75.00	\$3,225.00	\$36.00	\$62.00	\$49.55
102	550B0450	STORM SEWERS, CLASS B, TYPE 2 36"	78.00	FOOT	\$82.00	\$6,396.00	\$56.00	\$96.00	\$71.78
103	55100500	STORM SEWER REMOVAL 12"	4,255.00	FOOT	\$13.50	\$57,442.50	\$10.25	\$13.65	\$11.97
104	55100700	STORM SEWER REMOVAL 15"	535.00	FOOT	\$15.00	\$8,025.00	\$10.70	\$14.90	\$12.53
105	55100900	STORM SEWER REMOVAL 18"	351.00	FOOT	\$15.50	\$5,440.50	\$11.85	\$16.75	\$13.53
106	55101200	STORM SEWER REMOVAL 24"	612.00	FOOT	\$20.00	\$12,240.00	\$11.85	\$17.50	\$13.78
107	55101600	STORM SEWER REMOVAL 36"	196.00	FOOT	\$24.00	\$4,704.00	\$12.00	\$21.20	\$16.02
108	55200400	STORM SEWERS JACKED IN PLACE, 15"	149.00	FOOT	\$275.00	\$40,975.00	\$310.00	\$465.00	\$396.67
109	55200900	STORM SEWERS JACKED IN PLACE, 24"	170.00	FOOT	\$350.00	\$59,500.00	\$250.00	\$490.00	\$381.67
110	55201300	STORM SEWERS JACKED IN PLACE, 36"	129.00	FOOT	\$470.00	\$60,630.00	\$490.00	\$935.00	\$687.33



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					Eng E	stimate			
Item No.	Pay Code	Description	Quantity	Unit	Unit Price	Extnd. Price	Min. Bid Price	Max. Bid Price	Avg. Bid Price
111	56103000	DUCTILE IRON WATER MAIN 6"	91.00	FOOT	\$55.00	\$5,005.00	\$57.00	\$130.00	\$99.50
112	56103100	DUCTILE IRON WATER MAIN 8"	865.00	FOOT	\$58.00	\$50,170.00	\$62.00	\$78.00	\$68.43
113	56103300	DUCTILE IRON WATER MAIN 12"	2,805.00	FOOT	\$65.00	\$182,325.00	\$73.00	\$93.00	\$80.68
114	56103400	DUCTILE IRON WATER MAIN 16"	1,498.00	FOOT	\$75.00	\$112,350.00	\$118.00	\$129.00	\$121.67
115	56104900	WATER VALVES 6"	1.00	EACH	\$1,200.00	\$1,200.00	\$1,100.00	\$1,550.00	\$1,286.67
116	56105000	WATER VALVES 8"	8.00	EACH	\$1,350.00	\$10,800.00	\$1,620.00	\$1,990.00	\$1,786.67
117	56105200	WATER VALVES 12"	6.00	EACH	\$2,800.00	\$16,800.00	\$2,810.00	\$3,000.00	\$2,903.33
118	56105300	WATER VALVES 16"	1.00	EACH	\$5,500.00	\$5,500.00	\$7,435.00	\$8,000.00	\$7,741.67
119	56400500	FIRE HYDRANTS TO BE REMOVED	6.00	EACH	\$875.00	\$5,250.00	\$310.00	\$800.00	\$571.67
120	56400820	FIRE HYDRANTS WITH AUXILIARY VALVE AND VALVE BOX	8.00	EACH	\$3,800.00	\$30,400.00	\$3,900.00	\$5,600.00	\$4,743.33
121	59100100	GEOCOMPOSITE WALL DRAIN	1,715.00	SQ YD	\$30.90	\$52,993.50	\$16.50	\$35.00	\$23.61
122	60100905	PIPE DRAINS 4"	200.00	FOOT	\$22.00	\$4,400.00	\$11.00	\$23.00	\$16.33
123	60100915	PIPE DRAINS 6"	200.00	FOOT	\$26.00	\$5,200.00	\$14.00	\$25.00	\$18.00
124	60100925	PIPE DRAINS 8"	200.00	FOOT	\$31.00	\$6,200.00	\$15.00	\$27.00	\$19.00
125	60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	5.00	EACH	\$1,905.00	\$9,525.00	\$1,530.00	\$1,850.00	\$1,743.33
126	60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	18.00	EACH	\$1,962.00	\$35,316.00	\$1,710.00	\$2,045.00	\$1,918.33
127	60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	53.00	EACH	\$2,070.00	\$109,710.00	\$1,640.00	\$2,010.00	\$1,858.33
128	60204505	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	2.00	EACH	\$2,100.00	\$4,200.00	\$2,000.00	\$2,700.00	\$2,365.00



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					Eng E	stimate			
Item No.	Pay Code	Description	Quantity	Unit	Unit Price	Extnd. Price	Min. Bid Price	Max. Bid Price	Avg. Bid Price
129	60204805	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 11 FRAME AND GRATE	1.00	EACH	\$2,320.00	\$2,320.00	\$2,180.00	\$3,100.00	\$2,726.67
130	60205040	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	4.00	EACH	\$2,560.00	\$10,240.00	\$2,110.00	\$3,020.00	\$2,660.00
131	60207005	CATCH BASINS, TYPE C, TYPE 1 FRAME, CLOSED LID	2.00	EACH	\$1,105.00	\$2,210.00	\$870.00	\$1,150.00	\$1,043.33
132	60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	15.00	EACH	\$1,210.00	\$18,150.00	\$890.00	\$1,250.00	\$1,083.33
133	60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	1.00	EACH	\$1,980.00	\$1,980.00	\$1,690.00	\$2,060.00	\$1,883.33
134	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	37.00	EACH	\$1,995.00	\$73,815.00	\$1,690.00	\$2,140.00	\$1,910.00
135	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	9.00	EACH	\$2,600.00	\$23,400.00	\$2,120.00	\$3,050.00	\$2,640.00
136	60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	15.00	EACH	\$3,870.00	\$58,050.00	\$3,170.00	\$4,250.00	\$3,740.00
137	60224039	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 24 FRAME AND GRATE	4.00	EACH	\$3,715.00	\$14,860.00	\$3,200.00	\$4,300.00	\$3,795.00
138	60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	7.00	EACH	\$5,460.00	\$38,220.00	\$4,570.00	\$5,650.00	\$5,056.67
139	60224459	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	2.00	EACH	\$7,000.00	\$14,000.00	\$4,760.00	\$8,000.00	\$6,256.67
140	60224469	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	2.00	EACH	\$9,000.00	\$18,000.00	\$5,550.00	\$9,900.00	\$7,676.67



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					Eng Es	stimate			
Item No.	Pay Code	Description	Quantity	Unit	Unit Price	Extnd. Price	Min. Bid Price	Max. Bid Price	Avg. Bid Price
141	60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	13.00	EACH	\$1,034.00	\$13,442.00	\$1,030.00	\$1,075.00	\$1,057.33
142	60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	51.00	EACH	\$1,020.00	\$52,020.00	\$960.00	\$1,135.00	\$1,031.67
143	60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER , TYPE 1 FRAME, CLOSED LID	17.00	EACH	\$1,500.00	\$25,500.00	\$1,640.00	\$2,470.00	\$2,020.00
144	60249010	VALVE VAULTS, TYPE A, 6'-DIAMETER , TYPE 1 FRAME, CLOSED LID	3.00	EACH	\$2,500.00	\$7,500.00	\$2,610.00	\$3,350.00	\$2,996.67
145	60250200	CATCH BASINS TO BE ADJUSTED	5.00	EACH	\$325.00	\$1,625.00	\$450.00	\$500.00	\$481.67
146	60255500	MANHOLES TO BE ADJUSTED	5.00	EACH	\$372.00	\$1,860.00	\$450.00	\$500.00	\$481.67
147	60260100	INLETS TO BE ADJUSTED	5.00	EACH	\$315.00	\$1,575.00	\$290.00	\$495.00	\$395.00
148	60500040	REMOVING MANHOLES	47.00	EACH	\$309.00	\$14,523.00	\$340.00	\$420.00	\$375.00
149	60500050	REMOVING CATCH BASINS	39.00	EACH	\$309.00	\$12,051.00	\$340.00	\$450.00	\$396.67
150	60500060	REMOVING INLETS	35.00	EACH	\$206.00	\$7,210.00	\$170.00	\$390.00	\$278.33
151	60600605	CONCRETE CURB, TYPE B	1,160.00	FOOT	\$21.00	\$24,360.00	\$19.00	\$22.50	\$21.33
152	60602800	CONCRETE GUTTER, TYPE B	278.00	FOOT	\$33.50	\$9,313.00	\$25.25	\$26.00	\$25.50
153	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	5,839.00	FOOT	\$21.00	\$122,619.00	\$16.75	\$22.00	\$18.50
154	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	14,611.00	FOOT	\$23.00	\$336,053.00	\$17.25	\$23.50	\$19.33
155	60619600	CONCRETE MEDIAN, TYPE SB-6.12	14,233.00	SQ FT	\$9.60	\$136,636.80	\$6.85	\$9.25	\$7.65
156	60620000	CONCRETE MEDIAN, TYPE SB-6.24	13,820.00	SQ FT	\$10.30	\$142,346.00	\$6.75	\$9.50	\$7.67
157	61100500	EXPLORATION TRENCH 52" DEPTH	100.00	FOOT	\$16.25	\$1,625.00	\$26.80	\$100.00	\$60.27
158	63200310	GUARDRAIL REMOVAL	382.00	FOOT	\$6.00	\$2,292.00	\$3.50	\$5.00	\$4.00



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Item No.	Pay Code	Description	Quantity	Unit	Unit Price	Extnd. Price	Min. Bid Price	Max. Bid Price	Avg. Bid Price
159	66900200	NON-SPECIAL WASTE DISPOSAL	7,500.00	CU YD	\$45.00	\$337,500.00	\$34.00	\$60.00	\$43.00
160	66900205	SPECIAL WASTE DISPOSAL	7,500.00	CU YD	\$55.00	\$412,500.00	\$0.01	\$35.00	\$23.34
161	66900450	SPECIAL WASTE PLANS AND REPORT	1.00	L SUM	\$6,500.00	\$6,500.00	\$3,100.00	\$4,000.00	\$3,400.00
162	66900530	SOIL DISPOSAL ANALYSIS	20.00	EACH	\$1,200.00	\$24,000.00	\$1,050.00	\$1,500.00	\$1,200.00
163	67100100	MOBILIZATION	1.00	L SUM	\$1,637,600.00	\$1,637,600.00	\$1,862,000.00	\$2,000,000.00	\$1,954,000.00
164	70106800	CHANGEABLE MESSSAGE SIGN	85.00	CAL MO	\$1,133.00	\$96,305.00	\$200.00	\$200.00	\$200.00
165	70300100	SHORT TERM PAVEMENT MARKING	8,209.00	FOOT	\$0.90	\$7,388.10	\$0.80	\$1.50	\$1.27
166	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	8,850.00	SQ FT	\$1.00	\$8,850.00	\$1.00	\$1.00	\$1.00
167	70400100	TEMPORARY CONCRETE BARRIER	125.00	FOOT	\$30.00	\$3,750.00	\$5.00	\$30.00	\$18.67
168	70500100	TEMPORARY STEEL PLATE BEAM GUARDRAIL, TYPE A	2,287.50	FOOT	\$23.00	\$52,612.50	\$16.75	\$18.00	\$17.58
169	/0500615	TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 1	10.00	EACH	\$1,615.00	\$16,150.00	\$1,700.00	\$1,700.00	\$1,700.00
170	/0500670	TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 6A	4.00	EACH	\$1,615.00	\$6,460.00	\$2,740.00	\$2,900.00	\$2,793.33
171	70600240	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 2	2.00	EACH	\$3,000.00	\$6,000.00	\$3,000.00	\$3,000.00	\$3,000.00
172	72000100	SIGN PANEL - TYPE 1	355.00	SQ FT	\$23.00	\$8,165.00	\$4.95	\$4.95	\$4.95
173	72000200	SIGN PANEL - TYPE 2	20.00	SQ FT	\$31.00	\$620.00	\$40.00	\$40.00	\$40.00
174	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	4.00	EACH	\$88.00	\$352.00	\$30.00	\$30.00	\$30.00
175	72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	21.00	EACH	\$200.00	\$4,200.00	\$75.00	\$75.00	\$75.00
176	72400310	REMOVE SIGN PANEL - TYPE 1	200.00	SQ FT	\$12.00	\$2,400.00	\$10.00	\$10.00	\$10.00
177	72400320	REMOVE SIGN PANEL - TYPE 2	20.00	SQ FT	\$14.00	\$280.00	\$15.00	\$15.00	\$15.00



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					Eng E	stimate			
Item No.	Pay Code	Description	Quantity	Unit	Unit Price	Extnd. Price	Min. Bid Price	Max. Bid Price	Avg. Bid Price
178	72400330	REMOVE SIGN PANEL - TYPE 3	24.00	SQ FT	\$15.00	\$360.00	\$10.00	\$20.00	\$15.00
179	72800100	TELESCOPING STEEL SIGN SUPPORT	405.00	FOOT	\$14.00	\$5,670.00	\$3.95	\$4.00	\$3.97
180	73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	50.00	EACH	\$180.00	\$9,000.00	\$30.00	\$30.00	\$30.00
181	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	635.00	SQ FT	\$3.60	\$2,286.00	\$3.00	\$3.00	\$3.00
182	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	11,099.00	FOOT	\$0.60	\$6,659.40	\$0.60	\$0.60	\$0.60
183	78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	2,741.00	FOOT	\$0.80	\$2,192.80	\$0.85	\$0.85	\$0.85
184	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	2,438.00	FOOT	\$0.95	\$2,316.10	\$0.96	\$1.00	\$0.97
185	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	289.00	FOOT	\$1.45	\$419.05	\$1.31	\$1.35	\$1.32
186	72000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	1,915.00	FOOT	\$1.80	\$3,447.00	\$1.94	\$2.00	\$1.96
187	72000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	272.00	FOOT	\$4.35	\$1,183.20	\$2.95	\$3.00	\$2.97
188	78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	3,623.00	SQ FT	\$3.30	\$11,955.90	\$2.00	\$4.00	\$2.75
189	78001110	PAINT PAVEMENT MARKING - LINE 4"	24,116.00	FOOT	\$1.95	\$47,026.20	\$0.45	\$1.00	\$0.82
190	78005100	EPOXY PAVEMENT MARKING LETTERS AND SYMBOLS	2,035.00	SQ FT	\$1.00	\$2,035.00	\$4.25	\$5.00	\$4.50
191	78005110	EPOXY PAVEMENT MARKING - LINE 4"	66,109.00	FOOT	\$0.30	\$19,832.70	\$0.42	\$0.53	\$0.49



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					Eng E	stimate			
Item No.	Pay Code	Description	Quantity	Unit	Unit Price	Extnd. Price	Min. Bid Price	Max. Bid Price	Avg. Bid Price
192	78005120	EPOXY PAVEMENT MARKING - LINE 5"	33,786.00	FOOT	\$0.35	\$11,825.10	\$0.55	\$0.70	\$0.64
193	78005130	EPOXY PAVEMENT MARKING - LINE 6"	8,654.00	FOOT	\$0.35	\$3,028.90	\$0.85	\$0.95	\$0.91
194	78005150	EPOXY PAVEMENT MARKING - LINE 12"	5,831.00	FOOT	\$0.40	\$2,332.40	\$1.70	\$1.90	\$1.83
195	78005180	EPOXY PAVEMENT MARKING - LINE 24"	1,059.00	FOOT	\$0.80	\$847.20	\$3.40	\$4.15	\$3.90
196	78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	1,683.00	SQ FT	\$7.75	\$13,043.25	\$5.25	\$5.25	\$5.25
197	78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	7,635.00	FOOT	\$1.55	\$11,834.25	\$0.63	\$0.65	\$0.64
198	78008220	POLYUREA PAVEMENT MARKING TYPE I - LINE 5"	5,887.00	FOOT	\$1.65	\$9,713.55	\$0.88	\$0.90	\$0.89
199	78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	6,628.00	FOOT	\$3.30	\$21,872.40	\$1.04	\$1.05	\$1.04
200	78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	1,559.00	FOOT	\$3.50	\$5,456.50	\$1.36	\$1.40	\$1.37
201	78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	3,072.00	FOOT	\$3.70	\$11,366.40	\$2.21	\$2.25	\$2.22
202	78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	566.00	FOOT	\$9.10	\$5,150.60	\$5.25	\$5.25	\$5.25
203	78100100	RAISED REFLECTIVE PAVEMENT MARKER	795.00	EACH	\$26.00	\$20,670.00	\$48.66	\$50.00	\$49.11
204	78100200	TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER	93.00	EACH	\$12.00	\$1,116.00	\$7.00	\$7.00	\$7.00
205	78300100	PAVEMENT MARKING REMOVAL	4,531.00	SQ FT	\$1.75	\$7,929.25	\$1.00	\$1.00	\$1.00
206	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	213.00	EACH	\$15.50	\$3,301.50	\$5.00	\$25.00	\$12.83



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207	80400100	ELECTRIC SERVICE INSTALLATION	2.00	EACH	\$1,800.00	\$3,600.00	\$2,437.00	\$2,440.00	\$2,438.00
208	80400200	ELECTRIC UTILITY SERVICE CONNECTION	1.00	L SUM	\$6,750.00	\$6,750.00	\$1,000.00	\$1,000.00	\$1,000.00
209	80500020	SERVICE INSTALLATION - POLE MOUNTED	5.00	EACH	\$1,685.00	\$8,425.00	\$1,449.00	\$1,450.00	\$1,449.33
210	81028180	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/4" DIA.	58.00	FOOT	\$5.00	\$290.00	\$12.60	\$12.60	\$12.60
211	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	12,590.00	FOOT	\$5.15	\$64,838.50	\$14.80	\$14.80	\$14.80
212	81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	233.00	FOOT	\$6.20	\$1,444.60	\$20.80	\$20.80	\$20.80
213	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	23.00	FOOT	\$8.25	\$189.75	\$22.10	\$22.10	\$22.10
214	81028230	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3 1/2" DIA.	229.00	FOOT	\$9.50	\$2,175.50	\$26.90	\$26.90	\$26.90
215	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	2,396.00	FOOT	\$10.30	\$24,678.80	\$36.30	\$36.30	\$36.30
216	81100220	CONDUIT ATTACHED TO STRUCTURE, 3/4" DIA., PVC COATED GALVANIZED STEEL	60.00	FOOT	\$15.00	\$900.00	\$29.00	\$29.00	\$29.00
217	81100605	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., PVC COATED GALVANIZED STEEL	80.00	FOOT	\$40.00	\$3,200.00	\$49.90	\$49.90	\$49.90
218	81300550	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 12" X 6"	4.00	EACH	\$875.00	\$3,500.00	\$711.00	\$711.00	\$711.00
219	81400100	HANDHOLE	26.00	EACH	\$1,442.00	\$37,492.00	\$1,372.00	\$1,372.00	\$1,372.00
220	81400200	HEAVY-DUTY HANDHOLE	8.00	EACH	\$2,575.00	\$20,600.00	\$1,734.00	\$1,734.00	\$1,734.00
221	81400300	DOUBLE HANDHOLE	10.00	EACH	\$2,987.00	\$29,870.00	\$2,486.00	\$2,486.00	\$2,486.00



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					Eng E	stimate			
Item No.	Pay Code	Description	Quantity	Unit	Unit Price	Extnd. Price	Min. Bid Price	Max. Bid Price	Avg. Bid Price
222	81603050	UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	4,456.00	FOOT	\$7.00	\$31,192.00	\$13.80	\$13.80	\$13.80
223	81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	620.00	FOOT	\$1.20	\$744.00	\$1.00	\$1.00	\$1.00
224	81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	180.00	FOOT	\$1.50	\$270.00	\$1.30	\$1.30	\$1.30
225	81702400	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 2	60.00	FOOT	\$8.00	\$480.00	\$8.00	\$8.00	\$8.00
226	82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	15.00	EACH	\$485.00	\$7,275.00	\$504.00	\$504.00	\$504.00
227	82103250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 250 WATT	2.00	EACH	\$340.00	\$680.00	\$493.00	\$493.00	\$493.00
228	82107200	UNDERPASS LUMINAIRE, 100 WATT, HIGH PRESSURE SODIUM VAPOR	4.00	EACH	\$2,400.00	\$9,600.00	\$1,124.00	\$1,124.00	\$1,124.00
229	82500360	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 100AMP	2.00	EACH	\$7,500.00	\$15,000.00	\$14,813.00	\$14,813.00	\$14,813.00
230	83000600	LIGHT POLE, ALUMINUM, 30 FT. M.H., 15 FT. DAVIT ARM	1.00	EACH	\$2,500.00	\$2,500.00	\$2,378.00	\$2,378.00	\$2,378.00
231	83003600	LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. DAVIT ARM	14.00	EACH	\$2,750.00	\$38,500.00	\$3,232.00	\$3,232.00	\$3,232.00
232	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	142.00	FOOT	\$150.00	\$21,300.00	\$182.00	\$182.00	\$182.00



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					Eng E	stimate			
Item No.	Pay Code	Description	Quantity	Unit	Unit Price	Extnd. Price	Min. Bid Price	Max. Bid Price	Avg. Bid Price
233	83800105	BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE	1.00	EACH	\$400.00	\$400.00	\$390.00	\$390.00	\$390.00
234	83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	14.00	EACH	\$400.00	\$5,600.00	\$401.00	\$401.00	\$401.00
235	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	8.00	EACH	\$1,030.00	\$8,240.00	\$1,760.00	\$1,760.00	\$1,760.00
236	85100500	PAINT NEW TRAFFIC SIGNAL POST	4.00	EACH	\$310.00	\$1,240.00	\$201.00	\$201.00	\$201.00
237	85100701	PAINT NEW MAST ARM AND POLE, 40 FOOT AND OVER	2.00	EACH	\$865.00	\$1,730.00	\$994.00	\$994.00	\$994.00
238	85100800	PAINT NEW COMBINATION MAST ARM AND POLE, UNDER 40 FOOT	3.00	EACH	\$1,165.00	\$3,495.00	\$776.00	\$776.00	\$776.00
239	85100901	PAINT NEW COMBINATION MAST ARM AND POLE, 40 FOOT AND OVER	5.00	EACH	\$1,560.00	\$7,800.00	\$1,247.00	\$1,247.00	\$1,247.00
240	87100020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	2,762.00	FOOT	\$2.25	\$6,214.50	\$3.10	\$3.10	\$3.10
241	87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	13,834.00	FOOT	\$0.80	\$11,067.20	\$0.70	\$0.70	\$0.70
242	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	7,427.00	FOOT	\$1.05	\$7,798.35	\$1.20	\$1.20	\$1.20
243	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	13,629.00	FOOT	\$1.15	\$15,673.35	\$1.40	\$1.40	\$1.40
244	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	7,171.00	FOOT	\$1.20	\$8,605.20	\$1.80	\$1.80	\$1.80



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Item No.	Pay Code	Description	Quantity	Unit	Unit Price	Extnd. Price	Min. Bid Price	Max. Bid Price	Avg. Bid Price
245	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	9,813.00	FOOT	\$1.35	\$13,247.55	\$2.10	\$2.10	\$2.10
246	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	11,989.00	FOOT	\$1.05	\$12,588.45	\$1.10	\$1.10	\$1.10
247	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	501.00	FOOT	\$4.20	\$2,104.20	\$3.40	\$3.40	\$3.40
248	87301815	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 3 C	55.00	FOOT	\$4.20	\$231.00	\$4.20	\$4.20	\$4.20
249	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	3,790.00	FOOT	\$2.05	\$7,769.50	\$1.80	\$1.80	\$1.80
250	87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	1.00	EACH	\$775.00	\$775.00	\$1,060.00	\$1,060.00	\$1,060.00
251	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	3.00	EACH	\$875.00	\$2,625.00	\$1,158.00	\$1,158.00	\$1,158.00
252	87700260	STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	1.00	EACH	\$6,715.00	\$6,715.00	\$8,074.00	\$8,074.00	\$8,074.00
253	87700300	STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	1.00	EACH	\$7,735.00	\$7,735.00	\$9,113.00	\$9,113.00	\$9,113.00
254	87702289	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 22 FT. AND 60 FT.	1.00	EACH	\$10,050.00	\$10,050.00	\$13,664.00	\$13,664.00	\$13,664.00
255	87702830	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 20 FT.	2.00	EACH	\$5,850.00	\$11,700.00	\$6,435.00	\$6,435.00	\$6,435.00



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	Let Date:				Eng E	stimate			
Item No.	Pay Code	Description	Quantity	Unit	Unit Price	Extnd. Price	Min. Bid Price	Max. Bid Price	Avg. Bid Price
256	87702960	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT.	1.00	EACH	\$8,690.00	\$8,690.00	\$9,611.00	\$9,611.00	\$9,611.00
257	87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	1.00	EACH	\$8,750.00	\$8,750.00	\$9,725.00	\$9,725.00	\$9,725.00
258	87703020	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 58 FT.	1.00	EACH	\$10,000.00	\$10,000.00	\$12,880.00	\$12,880.00	\$12,880.00
259	87800100	CONCRETE FOUNDATION, TYPE A	48.00	FOOT	\$185.00	\$8,880.00	\$280.00	\$280.00	\$280.00
260	87800150	CONCRETE FOUNDATION, TYPE C	20.00	FOOT	\$566.50	\$11,330.00	\$668.00	\$668.00	\$668.00
261	87800200	CONCRETE FOUNDATION, TYPE D	4.00	FOOT	\$385.00	\$1,540.00	\$700.00	\$700.00	\$700.00
262	87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	54.00	FOOT	\$185.00	\$9,990.00	\$222.00	\$222.00	\$222.00
263	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	303.00	FOOT	\$195.00	\$59,085.00	\$261.00	\$261.00	\$261.00
264	87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	42.00	FOOT	\$300.00	\$12,600.00	\$370.00	\$370.00	\$370.00
265	87900200	DRILL EXISTING HANDHOLE	10.00	EACH	\$290.00	\$2,900.00	\$264.00	\$264.00	\$264.00
266	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	31.00	EACH	\$670.00	\$20,770.00	\$819.00	\$819.00	\$819.00
267	88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	2.00	EACH	\$670.00	\$1,340.00	\$735.00	\$735.00	\$735.00
268	88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	4.00	EACH	\$925.00	\$3,700.00	\$1,142.00	\$1,142.00	\$1,142.00
269	88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	32.00	EACH	\$925.00	\$29,600.00	\$1,243.00	\$1,243.00	\$1,243.00



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270	88030220	SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	6.00	EACH	\$1,850.00	\$11,100.00	\$2,228.00	\$2,228.00	\$2,228.00
271	88030240	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	3.00	EACH	\$1,850.00	\$5,550.00	\$1,821.00	\$1,821.00	\$1,821.00
272	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	32.00	EACH	\$800.00	\$25,600.00	\$850.00	\$850.00	\$850.00
273	88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	3.00	EACH	\$1,545.00	\$4,635.00	\$1,699.00	\$1,699.00	\$1,699.00
274	88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	63.00	EACH	\$135.00	\$8,505.00	\$174.00	\$174.00	\$174.00
275	88500100	INDUCTIVE LOOP DETECTOR	32.00	EACH	\$206.00	\$6,592.00	\$229.00	\$229.00	\$229.00
276	88600100	DETECTOR LOOP, TYPE I	1,081.00	FOOT	\$16.00	\$17,296.00	\$19.60	\$19.60	\$19.60
277	88600700	PREFORMED DETECTOR LOOP	672.00	FOOT	\$20.00	\$13,440.00	\$17.90	\$17.90	\$17.90
278	88700200	LIGHT DETECTOR	13.00	EACH	\$1,133.00	\$14,729.00	\$1,332.00	\$1,332.00	\$1,332.00
279	88700300	LIGHT DETECTOR AMPLIFIER	5.00	EACH	\$1,854.00	\$9,270.00	\$3,761.00	\$3,761.00	\$3,761.00
280	88800100	PEDESTRIAN PUSH-BUTTON	38.00	EACH	\$360.00	\$13,680.00	\$340.00	\$340.00	\$340.00
281	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	3.00	EACH	\$3,090.00	\$9,270.00	\$65,380.00	\$65,380.00	\$65,380.00
282	89500100	RELOCATE EXISTING SIGNAL HEAD	3.00	EACH	\$375.00	\$1,125.00	\$630.00	\$630.00	\$630.00
283	89501300	RELOCATE EXISTING MAST ARM ASSEMBLY AND POLE	1.00	EACH	\$1,850.00	\$1,850.00	\$1,980.00	\$1,980.00	\$1,980.00



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Item No.	Pay Code	Description	Quantity	Unit	Unit Price	Extnd. Price	Min. Bid Price	Max. Bid Price	Avg. Bid Price
284	89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	325.00	FOOT	\$2.40	\$780.00	\$1.30	\$1.30	\$1.30
285	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	5.00	EACH	\$4,225.00	\$21,125.00	\$1,760.00	\$1,760.00	\$1,760.00
286	89502380	REMOVE EXISTING HANDHOLE	51.00	EACH	\$225.00	\$11,475.00	\$440.00	\$440.00	\$440.00
287	89502385	REMOVE EXISTING CONCRETE FOUNDATION	46.00	EACH	\$215.00	\$9,890.00	\$440.00	\$440.00	\$440.00
288	A2001216	TREE, ACER RUBRUM RED SUNSET (RED SUNSET RED MAPLE), 2" CALIPER, BALLED AND BURLAPPED	13.00	EACH	\$495.00	\$6,435.00	\$200.00	\$200.00	\$200.00
289	A2002476	TREE, BETULA NIGRA HERITAGE (HERITAGE RIVER BIRCH), 12' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	6.00	EACH	\$885.00	\$5,310.00	\$250.00	\$250.00	\$250.00
290	A2006216	TREE, POPULUS TREMULOIDES (QUAKING ASPEN), 2" CALIPER, BALLED AND BURLAPPED	16.00	EACH	\$885.00	\$14,160.00	\$200.00	\$200.00	\$200.00
291	A2007320	TREE, SALIX ALBA TRISTIS (GOLDEN WEEPING WILLOW), 2-1/2" CALIPER, BALLED AND BURLAPPED	3.00	EACH	\$790.00	\$2,370.00	\$250.00	\$250.00	\$250.00
292	A2007716	TREE, TAXODIUM DISTICHUM SHAWNEE BRAVE (SHAWNEE BRAVE BALD CYPRESS), 2" CALIPER, BALLED AND BURLAPPED	7.00	EACH	\$795.00	\$5,565.00	\$225.00	\$225.00	\$225.00



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Item No.	Pay Code	Description	Quantity	Unit	Unit Price	Extnd. Price	Min. Bid Price	Max. Bid Price	Avg. Bid Price
293	B2000768	TREE, AMELANCHIER X GRANDIFLORA AUTUMN BRILLIANCE (AUTUMN BRILLIANCE SERVICE BERRY), 7' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	20.00	EACH	\$675.00	\$13,500.00	\$175.00	\$175.00	\$175.00
294	B2001266	TREE, CORNUS ALTERNIFOLIA (PAGODA DOG WOOD), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	15.00	EACH	\$760.00	\$11,400.00	\$175.00	\$175.00	\$175.00
295	B2005068	TREE, MALUS SNOWDRIFT (SNOWDRIFT CRABAPPLE), 7' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	22.00	EACH	\$520.00	\$11,440.00	\$175.00	\$175.00	\$175.00
296	C2C00815	SHRUB, BERBERIS THUNBERGII ATROPURPUREA (REDLEAF JAPANESE BARBERRY), 15" WIDTH, CONTAINER	268.00	EACH	\$99.00	\$26,532.00	\$30.00	\$30.00	\$30.00
297	C2C03523	SHRUB, HYDRANGEA PANICULATA (LIME LIGHT PANICLE HYDRANGEA) 2.5' HEIGHT, CONTAINER GROWN	77.00	EACH	\$135.00	\$10,395.00	\$40.00	\$40.00	\$40.00
298	C2003372	SHRUB, HAMAMELIS VIRGINIANA (COMMON WITCHHAZEL), 6' HEIGHT, BALLED AND BURLAPPED	13.00	EACH	\$750.00	\$9,750.00	\$175.00	\$175.00	\$175.00
299	C2005818	SHRUB, RHUS AROMATICA GRO-LOW (GRO- LOW FRAGRANT SUMAC), 18" WIDTH, BALLED AND BURLAPPED	658.00	EACH	\$75.00	\$49,350.00	\$30.00	\$30.00	\$30.00



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300		SHRUB, SYRINGA MEYERI PALIBIN (DWARF KOREAN LILAC), 2' HEIGHT, BALLED AND BURLAPPED	118.00	EACH	\$125.00	\$14,750.00	\$40.00	\$40.00	\$40.00
301	D2000918	EVERGREEN, JUNIPERUS HORIZONTALIS HUGHES (HUGHES CREEPING JUNIPER), 18" WIDTH, BALLED AND BURLAPPED	350.00	EACH	\$105.00	\$36,750.00	\$30.00	\$30.00	\$30.00
302	D2002548	EVERGREEN, PINUS MUGO (MUGO PINE), 4' HEIGHT, BALLED AND BURLAPPED	41.00	EACH	\$453.00	\$18,573.00	\$100.00	\$100.00	\$100.00
303		EVERGREEN, PINUS STROBUS (EASTERN WHITE PINE), 10' HEIGHT, BALLED AND BURLAPPED	16.00	EACH	\$1,465.00	\$23,440.00	\$300.00	\$300.00	\$300.00
304		EVERGREEN, TAXUS X MEDIA DENSIFORMIS DENSE ANGLOJAPANESE YEW), 3' WIDTH, BALLED AND BURLAPPED	35.00	EACH	\$330.00	\$11,550.00	\$75.00	\$75.00	\$75.00
305	K0013000	PERENNIAL PLANTS, PRAIRIE TYPE, 2" DIAMETER BY 4" DEEP PLUG	69.00	UNIT	\$9.00	\$621.00	\$275.00	\$275.00	\$275.00
306	K0013010	PERENNIAL PLANTS, PRAIRIE TYPE, QUART POT	49.00	UNIT	\$18.00	\$882.00	\$700.00	\$700.00	\$700.00
307	K0013030	PERENNIAL PLANTS, WETLAND TYPE, 2" DIAMETER BY 4" DEEP PLUG	49.00	UNIT	\$9.00	\$441.00	\$300.00	\$300.00	\$300.00
308 309		TRANSPLANTED SALVAGED TREES REJECTED LOAD TRANSPORTATION	4.00 6.00	EACH LOAD	\$175.00 \$400.00	\$700.00 \$2,400.00	\$1,000.00 \$400.00		



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310	LC200331	SHRUB, CORNUS SERICEA FLAVIRAMEA (YELLOW TWIG DOGWOOD), 4' HEIGHT, BALLED AND BURLAPPED	49.00	EACH	\$93.00	\$4,557.00	\$50.00	\$50.00	\$50.00
311	LC200380	PERENNIAL PLANTS, WETLAND EMERGENT, 2" DIAMETER BY 2" DEEP PLUG	17.00	UNIT	\$9.00	\$153.00	\$300.00	\$300.00	\$300.00
312	LC200501	MAINTENANCE OF TEMPORARY EROSION CONTROL SYSTEMS	112,853.00	UNIT	\$1.00	\$112,853.00	\$1.00	\$1.00	\$1.00
313	LC200502	PERMEABLE PLASTIC BERM	100.00	FOOT	\$4.00	\$400.00	\$10.00	\$10.00	\$10.00
314	LC200505	EROSION CONTROL MAT	17,163.00	SQ YD	\$5.15	\$88,389.45	\$0.90	\$1.50	\$1.30
315	LC300202	HOT-MIX ASPHALT BASE COURSE WIDENING, 10" (SPECIAL)	196.00	SQ YD	\$80.00	\$15,680.00	\$50.00	\$54.21	\$52.74
316	LC400155	HOT-MIX ASPHALT BASE COURSE WIDENING, 9 3/4"	1,016.00	SQ YD	\$75.00	\$76,200.00	\$40.00	\$43.25	\$42.08
317	LC500009	TEMPORARY BRIDGE, FURNISH AND INSTALL	1.00	EACH	\$74,000.00	\$74,000.00	\$1.00	\$730,000.00	\$285,000.33
318	LC500010	TEMPORARY BRIDGE, RENTAL	11.00	CAL MO	\$16,000.00	\$176,000.00	\$1.00	\$16,000.00	\$7,724.12
319	LC500011	TEMPORARY BRIDGE, REMOVAL	1.00	EACH	\$53,000.00	\$53,000.00	\$1.00	\$125,000.00	\$50,000.33
320	LC500322	PRESSURE VALVE INSERT 16"	3.00	EACH	\$19,000.00	\$57,000.00	\$29,000.00	\$32,500.00	
321		TEMPORARY SANITARY SEWER 10"	350.00	FOOT	\$100.00	\$35,000.00	•	•	•
322		TEMPORARY WATER MAIN 16"	165.00	FOOT	\$100.00	\$16,500.00	· · · · · · · · · · · · · · · · · · ·		
323		STEEL SHEET PILE, SKZ 20	4,679.00	SQ FT	\$41.20	\$192,774.80		\$40.00	
324		DECK WATERPROOFING	2,583.00	SQ FT	\$20.60	\$53,209.80		\$29.00	
325	LC600200	INSTALL SURVEY MONUMENTS	84.00	EACH	\$435.00	\$36,540.00	\$175.00	\$300.00	\$258.33



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326	LC600209	PARK EQUIPMENT REMOVAL AND REPLACEMENT	3.00	EACH	\$510.00	\$1,530.00	\$4,000.00	\$11,809.00	\$6,603.00
327	LC600300	ASBESTOS & HAZARDOUS MATERIALS ABATEMENT FOR BUILDING REMOVAL	30,000.00	UNIT	\$1.00	\$30,000.00	\$1.00	\$1.00	\$1.00
328	LC720000	TEMPORARY INFORMATION SIGNS – BUSINESSES	768.00	SQ FT	\$18.00	\$13,824.00	\$20.00	\$25.00	\$21.67
329	LC800551	LAYER III (NETWORK) SWITCH	1.00	EACH	\$9,700.00	\$9,700.00	\$10,233.00	\$10,233.00	\$10,233.00
330	LC800552	VIDEO COMMUNICATIONS CABINET	1.00	EACH	\$7,500.00	\$7,500.00	\$17,285.00	\$17,285.00	\$17,285.00
331	LC800556	LAYER II (DATALINK) SWITCH	4.00	EACH	\$5,000.00	\$20,000.00	\$5,544.00	\$5,544.00	\$5,544.00
332	LC800559	TERMINAL SERVER	1.00	EACH	\$1,028.00	\$1,028.00	\$2,012.00	\$2,012.00	\$2,012.00
333	LC800561	SERVICE INSTALLATION - GROUND MOUNTED W/ METER	2.00	EACH	\$2,500.00	\$5,000.00	\$4,365.00	\$4,365.00	\$4,365.00
334	LC800651	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT (SPECIAL)	6.00	EACH	\$875.00	\$5,250.00	\$3,141.00	\$3,141.00	\$3,141.00
335	LC800652	STEEL MAST ARM ASSEMBLY AND POLE, 18FT. (SPECIAL)	2.00	EACH	\$3,400.00	\$6,800.00	\$8,993.00	\$8,993.00	\$8,993.00
336	LC800653	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 16FT. (SPECIAL)	1.00	EACH	\$4,730.00	\$4,730.00	\$9,331.00	\$9,931.00	\$9,531.00
337	LC800654	STEEL MAST ARM ASSEMBLY AND POLE, 24FT. (SPECIAL)	1.00	EACH	\$4,395.00	\$4,395.00	\$11,596.00	\$11,596.00	\$11,596.00
338	LC800655	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 60 FT. (SPECIAL)	1.00	EACH	\$11,865.00	\$11,865.00	\$20,340.00	\$20,340.00	\$20,340.00
339	LC800656	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 20 FT. (SPECIAL)	1.00	EACH	\$5,850.00	\$5,850.00	\$11,528.00	\$11,528.00	\$11,528.00



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					Eng E	stimate			
Item No.	Pay Code	Description	Quantity	Unit	Unit Price	Extnd. Price	Min. Bid Price	Max. Bid Price	Avg. Bid Price
340	LC800657	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18FT (SPECIAL)	1.00	EACH	\$900.00	\$900.00	\$3,306.00	\$3,306.00	\$3,306.00
341	LC800658	CONCRETE FOUNDATION, TYPE 1	4.00	FOOT	\$175.00	\$700.00	\$680.00	\$680.00	\$680.00
342	LC800857	BLUETOOTH DETECTOR	1.00	EACH	\$6,000.00	\$6,000.00	\$7,378.00	\$7,378.00	\$7,378.00
343	LC800907	RELOCATE REMOTE CONTROLLED VIDEO SYSTEM	9.00	EACH	\$1,600.00	\$14,400.00	\$880.00	\$880.00	\$880.00
344	LC800908	RELOCATE VIDEO ENCODER	9.00	EACH	\$800.00	\$7,200.00	\$220.00	\$220.00	\$220.00
345	LC800909	RELOCATE LAYER II SWITCH	8.00	EACH	\$1,000.00	\$8,000.00	\$110.00	\$110.00	\$110.00
346	X0321809	PERMANENT GROUND ANCHOR	83.00	EACH	\$5,150.00	\$427,450.00	\$4,800.00	\$7,000.00	\$5,608.47
347	X0321865	ANTI-GRAFFITI PROTECTION SYSTEM	29,437.00	SQ FT	\$3.30	\$97,142.10	\$1.75	\$3.00	\$2.58
348	X0322936	REMOVE EXISTING FLARED END SECTION	24.00	EACH	\$275.00	\$6,600.00	\$115.00	\$345.00	\$223.33
349	X0322951	CABLE SPLICE SPECIAL	3.00	EACH	\$240.00	\$720.00	\$278.00	\$278.00	\$278.00
350	X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	2,997.00	FOOT	\$1.00	\$2,997.00	\$1.00	\$1.00	\$1.00
351	X0324455	DRILLING AND SETTING SOLDIER PILES (IN SOIL)	7,108.00	CU FT	\$41.20	\$292,849.60	\$9.00	\$40.00	\$24.00
352	X0324752	STORM SEWER TO BE FILLED	33.00	CU YD	\$165.00	\$5,445.00	\$160.00	\$510.00	\$336.67
353	X0325815	REMOVE EXISTING CABLE	7,998.00	FOOT	\$1.00	\$7,998.00	\$0.60	\$0.60	\$0.60
354	X0326227	PAINT NEW MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 1-UNDER 40 FEET, 1- OVER 40 FEET	1.00	EACH	\$2,500.00	\$2,500.00	\$1,452.00	\$1,452.00	\$1,452.00
355	X0326960	RELOCATE EXISTING HIGHWAY ADVISORY RADIO ANTENNA AND FOUNDATION	1.00	EACH	\$7,000.00	\$7,000.00	\$17,465.00	\$17,465.00	\$17,465.00
356	X0327002	STEEL CASINGS JACKED IN PLACE, 20"	184.00	FOOT	\$290.00	\$53,360.00	\$230.00	\$315.00	\$278.33



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Item No.	Pay Code	Description	Quantity	Unit	Unit Price	Extnd. Price	Min. Bid Price	Max. Bid Price	Avg. Bid Price
357	X0327036	BIKE PATH REMOVAL	553.00	SQ YD	\$2.50	\$1,382.50	\$3.50	\$5.65	\$4.72
358	X0327301	RELOCATE EXISTING MAILBOX	7.00	EACH	\$170.00	\$1,190.00	\$170.00	\$500.00	\$323.33
359	X0350810	BOLLARD REMOVAL	5.00	EACH	\$103.00	\$515.00	\$100.00	\$300.00	\$190.00
360	X0487700	SANITARY SEWER REMOVAL, 10"	1,606.00	FOOT	\$15.25	\$24,491.50	\$15.00	\$17.00	\$16.03
361	X2070302	POROUS GRANULAR EMBANKMENT, SPECIAL	24,531.00	TON	\$40.00	\$981,240.00	\$18.00	\$20.70	\$18.90
362	X2070304	POROUS GRANULAR EMBANKMENT, SPECIAL	3,285.00	CU YD	\$61.80	\$203,013.00	\$30.00	\$50.00	\$40.67
363	X2511630	EROSION CONTROL BLANKET (SPECIAL)	415.00	SQ YD	\$3.60	\$1,494.00	\$5.00	\$5.00	\$5.00
364	X2800500	INLET PROTECTION, SPECIAL	11.00	EACH	\$154.50	\$1,699.50	\$200.00	\$375.00	\$258.33
365	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	2,286.00	SQ YD	\$3.50	\$8,001.00	\$1.38	\$3.60	\$2.66
366	X4404000	PARKING LOT PAVEMENT REMOVAL	30,560.00	SQ YD	\$6.20	\$189,472.00	\$2.36	\$3.75	\$2.95
367	X5020200	STRUCTURE EXCAVATION (SPECIAL)	6,771.00	CU YD	\$51.50	\$348,706.50	\$33.00	\$50.00	\$39.00
368	X5030225	CONCRETE STRUCTURES (SPECIAL)	2,367.70	CU YD	\$721.00	\$1,707,111.70	\$450.00	\$575.00	\$491.67
369	X5051200	FURNISHING AND ERECTING STRUCTURAL STEEL, SPECIAL	1.00	L SUM	\$2,105,186.00	\$2,105,186.00	\$1,800,000.00	\$4,475,000.00	\$3,263,000.00
370	X5091755	PARAPET RAILING, SPECIAL	498.00	FOOT	\$128.75	\$64,117.50	\$95.79	\$133.00	\$111.26
371	X5091765	PIPE HANDRAIL, SPECIAL	988.00	FOOT	\$128.75	\$127,205.00	\$114.84	\$150.00	\$130.28
372	X5121800	PERMANENT STEEL SHEET PILING	15,429.00	SQ FT	\$46.35	\$715,134.15	\$20.00	\$41.00	\$27.67
373	X5537800	STORM SEWER TO BE CLEANED 12"	132.00	FOOT	\$10.00	\$1,320.00	\$4.00	\$5.00	\$4.67
374	X5537900	STORM SEWER TO BE CLEANED 15"	264.00	FOOT	\$11.00	\$2,904.00	\$4.00	\$5.00	\$4.67
375	X5538000	STORM SEWER TO BE CLEANED 18"	410.00	FOOT	\$12.00	\$4,920.00	\$4.00	\$5.00	\$4.67
376	X5538200	STORM SEWER TO BE CLEANED 24"	32.00	FOOT	\$13.00	\$416.00	\$5.00	\$8.00	\$6.33



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Item No.	Pay Code	Description	Quantity	Unit	Unit Price	Extnd. Price	Min. Bid Price	Max. Bid Price	Avg. Bid Price
377	X5538400	STORM SEWER TO BE CLEANED 30"	59.00	FOOT	\$14.00	\$826.00	\$6.00	\$10.00	\$8.00
378	X5538600	STORM SEWER TO BE CLEANED 36"	704.00	FOOT	\$15.00	\$10,560.00	\$7.00	\$12.00	\$9.67
379	X5538800	STORM SEWER TO BE CLEANED 48"	105.00	FOOT	\$15.00	\$1,575.00	\$7.00	\$15.00	\$10.67
380	X5610704	WATER MAIN REMOVAL, 4"	200.00	FOOT	\$8.00	\$1,600.00	\$9.15	\$14.00	\$11.72
381	X5610706	WATER MAIN REMOVAL, 6"	925.00	FOOT	\$10.00	\$9,250.00	\$9.40	\$14.00	\$11.80
382	X5610708	WATER MAIN REMOVAL, 8"	3,669.00	FOOT	\$12.00	\$44,028.00	\$9.45	\$14.00	\$11.82
383	X5610712	WATER MAIN REMOVAL, 12"	1,597.00	FOOT	\$16.00	\$25,552.00	\$9.50	\$14.00	\$11.83
384	X5610716	WATER MAIN REMOVAL, 16"	2,623.00	FOOT	\$20.00	\$52,460.00	\$9.55	\$14.00	\$11.85
385	X6013600	PIPE UNDERDRAINS 4" (MODIFIED)	11,670.00	FOOT	\$30.90	\$360,603.00	\$2.25	\$4.00	\$2.92
386	X6020175	DRAINAGE STRUCTURES WITH RESTRICTOR	1.00	EACH	\$3,500.00	\$3,500.00	\$4,160.00	\$7,500.00	\$5,520.00
387	X6020182	DRAINAGE STRUCTURE SPECIAL	1.00	L SUM	\$1,325.00	\$1,325.00	\$8,300.00	\$14,500.00	\$10,609.55
388	X6022312	DROP SANITARY MANHOLES, WITH TYPE 1 FRAME, CLOSED LID	2.00	EACH	\$3,500.00	\$7,000.00	\$3,690.00	\$7,600.00	\$5,330.00
389	X6022810	MANHOLES, SANITARY, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	8.00	EACH	\$2,200.00	\$17,600.00	\$2,710.00	\$4,000.00	\$3,236.67
390	X6026050	SANITARY MANHOLES TO BE ADJUSTED	15.00	EACH	\$600.00	\$9,000.00	\$650.00	\$1,150.00	\$961.67
391	X6026622	VALVE VAULTS TO BE REMOVED	10.00	EACH	\$390.00	\$3,900.00	\$375.00	\$550.00	\$475.00
392	X6029000	JUNCTION BOX	1.00	L SUM	\$61,800.00	\$61,800.00	\$40,450.00	\$49,000.00	\$45,600.00
393	X6061100	CONCRETE MEDIAN, TYPE SB (SPECIAL)	6,690.00	SQ FT	\$9.00	\$60,210.00	\$6.50	\$9.00	\$7.33
394	X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	24.00	CAL MO	\$2,060.00	\$49,440.00	\$2,500.00	\$10,000.00	\$5,466.67
395	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	1.00	L SUM	\$800,000.00	\$800,000.00	\$581,000.00	\$750,000.00	\$643,666.67



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					Eng E	stimate			
Item No.	Pay Code	Description	Quantity	Unit	Unit Price	Extnd. Price	Min. Bid Price	Max. Bid Price	Avg. Bid Price
396	X7040010	TEMPORARY CONCRETE BARRIER (SPECIAL)	50.00	FOOT	\$30.90	\$1,545.00	\$20.00	\$75.00	\$48.33
397	X8100863	INTERCEPT EXISTING CONDUIT	1.00	EACH	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
398	X8410102	TEMPORARY LIGHTING SYSTEM	1.00	L SUM	\$70,000.00	\$70,000.00	\$107,100.00	\$107,100.00	\$107,100.00
399	X8570226	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	5.00	EACH	\$12,360.00	\$61,800.00	\$30,481.00	\$30,481.00	\$30,481.00
400	X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	6.00	EACH	\$6,800.00	\$40,800.00	\$8,758.00	\$8,758.00	\$8,758.00
401	X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	11,427.00	FOOT	\$2.25	\$25,710.75	\$5.50	\$5.50	\$5.50
402	X8730571	ELECTRIC CABLE IN CONDUIT, COAXIAL	643.00	FOOT	\$1.80	\$1,157.40	\$1.90	\$1.90	\$1.90
403	X8730800	ELECTRIC CABLE IN CONDUIT, VIDEO, NO. 20 4 C	643.00	FOOT	\$1.35	\$868.05	\$1.00	\$1.00	\$1.00
404	X8770125	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 28 FT. (SPECIAL)	1.00	EACH	\$13,000.00	\$13,000.00	\$13,052.00	\$13,052.00	\$13,052.00
405	X8770136	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT. (SPECIAL)	1.00	EACH	\$14,110.00	\$14,110.00	\$15,618.00	\$15,618.00	\$15,618.00
406	X8770137	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT. (SPECIAL)	2.00	EACH	\$14,420.00	\$28,840.00	\$15,696.00	\$15,696.00	\$15,696.00
407	X8770140	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT. (SPECIAL)	1.00	EACH	\$16,000.00	\$16,000.00	\$16,483.00	\$16,483.00	\$16,483.00
408	X8770141	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT. (SPECIAL)	1.00	EACH	\$16,500.00	\$16,500.00	\$16,540.00	\$16,540.00	\$16,540.00



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Item No.	Pay Code	Description	Quantity	Unit	Unit Price	Extnd. Price	Min. Bid Price	Max. Bid Price	Avg. Bid Price
409	XX//0142	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT. (SPECIAL)	1.00	EACH	\$17,000.00	\$17,000.00	\$16,464.00	\$16,464.00	\$16,464.00
410	XX770152	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT. (SPECIAL)	3.00	EACH	\$17,500.00	\$52,500.00	\$18,095.00	\$18,095.00	\$18,095.00
411	XX770154	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT. (SPECIAL)	1.00	EACH	\$18,000.00	\$18,000.00	\$20,657.00	\$20,657.00	\$20,657.00
412	XX770156	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 56 FT. (SPECIAL)	1.00	EACH	\$18,200.00	\$18,200.00	\$20,768.00	\$20,768.00	\$20,768.00
413	XX772930	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT. (SPECIAL)	1.00	EACH	\$15,000.00	\$15,000.00	\$16,448.00	\$16,448.00	\$16,448.00
414	X8900015	TEMPORARY TRAFFIC SIGNAL INTERCONNECTION SYSTEM	1.00	L SUM	\$443,520.00	\$443,520.00	\$135,350.00	\$135,350.00	\$135,350.00
415	X8900100	TEMPORARY TRAFFIC SIGNAL INSTALLATION (SPECIAL)	6.00	EACH	\$23,090.00	\$138,540.00	\$65,380.00	\$65,380.00	\$65,380.00
416	XX003668	PRECONSTRUCTION VIDEO TAPING	1.00	L SUM	\$10,300.00	\$10,300.00	\$2,000.00	\$10,000.00	\$4,833.33
417	XX005230	VIDEO DETECTION SYSTEM COMPLETE INTERSECTION	3.00	L SUM	\$22,500.00	\$67,500.00	\$34,846.00	\$34,846.00	\$34,846.00
418	XX005937	LED INTERNALLY ILLUMINATED STREET NAME SIGN	17.00	EACH	\$3,300.00	\$56,100.00	\$4,618.00	\$4,618.00	\$4,618.00
419	XX005940	REMOTE CONTROLLED VIDEO SYSTEM	5.00	EACH	\$2,960.00	\$14,800.00	\$5,365.00	\$5,365.00	\$5,365.00
420	XX006658	FLOCCULATION LOGS	230.00	EACH	\$257.50	\$59,225.00	\$12.00	\$25.00	\$20.67
421	XX006659	FLOCCULATION POWDER	447.00	POUND	\$41.25	\$18,438.75	\$1.75	\$10.00	\$7.25
422	XX006701	SEEDING CLASS 4 (MODIFIED) MESSIC PRAIRIE	0.75	ACRE	\$2,385.00	\$1,788.75	\$2,250.00	\$2,250.00	\$2,250.00



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Item No.	Pay Code	Description	Quantity	Unit	Unit Price	Extnd. Price	Min. Bid Price	Max. Bid Price	Avg. Bid Price
423	XX006702	SEEDING CLASS 4 (MODIFIED) WET TO MESSIC	0.25	ACRE	\$3,050.00	\$762.50	\$5,000.00	\$5,000.00	\$5,000.00
424	XX006706	SEEDING CLASS 4 (MODIFIED) DETENTION BASIN	1.25	ACRE	\$2,690.00	\$3,362.50	\$3,000.00	\$3,000.00	\$3,000.00
425	XX006709	SEEDING CLASS 5 (MODIFIED) MESSIC PRAIRIE	0.75	ACRE	\$2,640.00	\$1,980.00	\$2,500.00	\$2,500.00	\$2,500.00
426	XX006710	SEEDING CLASS 5 (MODIFIED) WET TO MESSIC	0.25	ACRE	\$3,090.00	\$772.50	\$5,000.00	\$5,000.00	\$5,000.00
427	XX007023	STAINING CONCRETE STRUCTURES	2,233.00	SQ YD	\$37.10	\$82,844.30	\$18.00	\$27.00	\$23.92
428	XX007881	DOCUMENTATION CAMERAS	1.00	L SUM	\$41,200.00	\$41,200.00	\$20,000.00	\$36,000.00	\$26,346.67
429	XX008253	VIDEO ENCODER	5.00	EACH	\$5,000.00	\$25,000.00	\$2,238.00	\$2,238.00	\$2,238.00
430	XX008254	LAYER III FIBER OPTIC TRANSCEIVER MODULE, SFP TYPE, LONG DISTANCE	1.00	EACH	\$1,375.00	\$1,375.00	\$1,346.00	\$1,346.00	\$1,346.00
431	XX008392	OUTDOOR RATED NETWORK CABLE	86.00	FOOT	\$2.90	\$249.40	\$2.10	\$2.10	\$2.10
432	XZ127900	RETAINING WALL REMOVAL	260.00	FOOT	\$50.00	\$13,000.00	\$8.50	\$25.00	\$17.67
433	Z0004910	HOT-MIX ASPHALT FOR PATCHING POTHOLES (HOT MIX)	10.00	TON	\$148.00	\$1,480.00	\$50.00	\$263.00	\$121.67
434	Z0005010	HOT-MIX ASPHALT FOR PATCHING POTHOLES (COLD MIX)	10.00	TON	\$148.00	\$1,480.00	\$125.00	\$263.00	\$177.67
435	Z0007118	UNTREATED TIMBER LAGGING	3,876.00	SQ FT	\$15.45	\$59,884.20	\$12.00	\$20.00	\$17.00
436	Z0007601	BUILDING REMOVAL NO. 1	1.00	L SUM	\$16,000.00	\$16,000.00	\$19,200.00	\$250,000.00	\$97,566.67
437	Z0007602	BUILDING REMOVAL NO. 2	1.00	L SUM	\$12,000.00	\$12,000.00	\$17,540.00	\$250,000.00	\$97,013.33
438	Z0007603	BUILDING REMOVAL NO. 3	1.00	L SUM	\$16,000.00	\$16,000.00	\$28,700.00	\$250,000.00	\$105,733.33
439	Z0007604	BUILDING REMOVAL NO. 4	1.00	L SUM	\$8,000.00	\$8,000.00	\$11,750.00	\$50,000.00	\$25,416.67



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440	Z0007605	BUILDING REMOVAL NO. 5	1.00	L SUM	\$8,000.00	\$8,000.00	\$11,750.00	\$50,000.00	\$25,750.00
441	Z0007606	BUILDING REMOVAL NO. 6	1.00	L SUM	\$8,000.00	\$8,000.00	\$11,750.00	\$50,000.00	\$25,416.67
442	Z0007607	BUILDING REMOVAL NO. 7	1.00	L SUM	\$8,000.00	\$8,000.00	\$11,750.00	\$50,000.00	\$25,750.00
443	Z0013797	STABILIZED CONSTRUCTION ENTRANCE	2,340.00	SQ YD	\$17.00	\$39,780.00	\$0.01	\$16.00	\$7.00
444	Z0013798	CONSTRUCTION LAYOUT	1.00	L SUM	\$381,333.00	\$381,333.00	\$350,000.00	\$500,000.00	\$416,666.67
445	Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	19.00	EACH	\$292.00	\$5,548.00	\$150.00	\$265.00	\$225.00
446	Z0019600	DUST CONTROL WATERING	100.00	UNIT	\$82.00	\$8,200.00	\$1.00	\$125.00	\$75.33
447	Z0022800	FENCE REMOVAL	132.00	FOOT	\$5.15	\$679.80	\$3.50	\$6.00	\$4.33
448	Z0026402	FURNISHING SOLDIER PILES (HP SECTION)	85.00	FOOT	\$61.80	\$5,253.00	\$39.00	\$42.00	\$40.33
449	Z0026404	FURNISHING SOLDIER PILES (W SECTION)	1,410.00	FOOT	\$72.10	\$101,661.00	\$65.00	\$75.00	\$71.67
450	Z0026408	TEMPORARY SHEET PILING (SPECIAL)	39,185.00	SQ FT	\$72.50	\$2,840,912.50	\$23.00	\$42.00	\$33.67
451	Z0030850	TEMPORARY INFORMATION SIGNING	242.00	SQ FT	\$16.50	\$3,993.00	\$15.00	\$15.00	\$15.00
452	Z0033046	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	10.00	EACH	\$2,000.00	\$20,000.00	\$1,287.00	\$1,287.00	\$1,287.00
453	Z0033058	POST MOUNTED FLASHING BEACON INSTALLATION (SPECIAL)	4.00	EACH	\$18,000.00	\$72,000.00	\$1,639.00	\$1,639.00	\$1,639.00
454	Z0046308	PIPE UNDERDRAINS FOR STRUCTURES 8"	152.00	FOOT	\$30.90	\$4,696.80	\$47.89	\$58.00	\$51.96
455	Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	1.00	L SUM	\$50,000.00	\$50,000.00	\$35,000.00	\$100,000.00	\$78,333.33
456	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	831.00	FOOT	\$66.00	\$54,846.00	\$31.30	\$66.15	\$47.48
457	Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	148.00	FOOT	\$78.00	\$11,544.00	\$35.25	\$83.00	\$58.42



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Item No.	Pay Code	Description	Quantity	Unit	Unit Price	Extnd. Price	Min. Bid Price	Max. Bid Price	Avg. Bid Price
458	Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	254.00	FOOT	\$81.00	\$20,574.00	\$34.55	\$94.00	\$64.52
459	Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	106.00	FOOT	\$106.00	\$11,236.00	\$46.40	\$122.00	\$85.13
460	Z0056620	STORM SEWER (WATER MAIN REQUIREMENTS) 30 INCH	32.00	FOOT	\$155.00	\$4,960.00	\$60.45	\$160.00	\$110.82
461	Z0056622	STORM SEWER (WATER MAIN REQUIREMENTS) 36 INCH	153.00	FOOT	\$172.00	\$26,316.00	\$74.10	\$180.00	\$131.70
462	Z0057000	SANITARY SEWER 10"	1,512.00	FOOT	\$78.00	\$117,936.00	\$44.00	\$119.00	\$84.00
463	Z0062456	TEMPORARY PAVEMENT	24,453.00	SQ YD	\$32.00	\$782,496.00	\$25.00	\$50.00	\$35.67
464	Z0062458	TEMPORARY PAVEMENT (VARIABLE DEPTH)	687.00	TON	\$103.00	\$70,761.00	\$75.00	\$76.00	\$75.33
465	Z0067900	STEEL CASINGS 24"	175.00	FOOT	\$150.00	\$26,250.00	\$99.00	\$136.10	\$111.70
466	Z0068200	STEEL CASINGS 30"	397.00	FOOT	\$300.00	\$119,100.00	\$121.00	\$137.00	\$129.00
467	Z0068300	STEEL CASINGS 36"	158.00	FOOT	\$400.00	\$63,200.00	\$167.00	\$226.00	\$192.67
468	Z0069700	SUB-BALLAST	4,246.00	CU YD	\$23.00	\$97,658.00	\$37.00	\$50.00	\$45.00
469	Z0073345	SLEEPER SLAB	756.00	FOOT	\$100.00	\$75,600.00	\$50.00	\$70.00	\$57.09
470	Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	19.00	EACH	\$1,236.00	\$23,484.00	\$451.00	\$451.00	\$451.00
		Bid Total				\$39,760,518.50			