



Illinois Department of Transportation

Project: JFPC(674)
Route: FAU 2416
Section: 21-00020-00-RS
County: Lake
Local Agency: Village of Riverwoods
Contract:

Estimate of Cost

Location of Improvement: Saunders Road: Intersection of Saunders Road at Riverwoods Road north to Duffy Lane.

For a Total Distance of 1.44 Miles

Net Improvement of

1.44 Miles

Bridge or Culvert

Surface Type	HMA
Width	23' & Varies

Shoulder Type	Aggregate
Width	Varies 0' - 4'

Length	N/A
Width	N/A

S/N	Code Number	Item	Unit of Measure	Quantity	Unit Price	Percent of Project	Total Cost
1	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	1,509	\$20.00	0.89%	\$30,180.00
2	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	243	\$25.00	0.18%	\$6,075.00
3	20101000	TEMPORARY FENCE	FOOT	68	\$10.00	0.02%	\$680.00
4	20101100	TREE TRUNK PROTECTION	EACH	104	\$200.00	0.61%	\$20,800.00
5	20101200	TREE ROOT PRUNING	EACH	104	\$100.00	0.31%	\$10,400.00
6	20200100	EARTH EXCAVATION	CU YD	7,267	\$30.00	6.41%	\$218,010.00
7	20800150	TRENCH BACKFILL	CU YD	300	\$75.00	0.66%	\$22,500.00
8	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	18,117	\$5.00	2.66%	\$90,585.00
9	25000210	SEEDING, CLASS 2A	ACRE	4.0	\$3,000.00	0.35%	\$12,000.00
10	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	337	\$10.00	0.10%	\$3,370.00
11	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	337	\$10.00	0.10%	\$3,370.00
12	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	337	\$10.00	0.10%	\$3,370.00
13	25200200	SUPPLEMENTAL WATERING	UNIT	26	\$150.00	0.11%	\$3,900.00
14	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	374	\$8.00	0.09%	\$2,992.00
15	28000400	PERIMETER EROSION BARRIER	FOOT	13,625	\$2.50	1.00%	\$34,062.50
16	28000500	INLET AND PIPE PROTECTION	EACH	63	\$250.00	0.46%	\$15,750.00
17	28000510	INLET FILTERS	EACH	2	\$200.00	0.01%	\$400.00
18	28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	18,117	\$1.00	0.53%	\$18,117.00
19	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	6,433	\$35.00	6.62%	\$225,155.00
20	35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	1,957	\$8.00	0.46%	\$15,656.00
21	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	13,154	\$1.00	0.39%	\$13,154.00
22	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,017	\$30.00	0.90%	\$30,510.00
23	40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	819	\$120.00	2.89%	\$98,280.00
24	40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	2,183	\$100.00	6.42%	\$218,300.00
25	42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	80	\$75.00	0.18%	\$6,000.00
26	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	47	\$100.00	0.14%	\$4,740.00
27	44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	19,488	\$4.50	2.58%	\$87,696.00
28	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	2,259	\$20.00	1.33%	\$45,180.00
29	44000300	CURB REMOVAL	FOOT	111	\$10.00	0.03%	\$1,110.00
30	44000400	GUTTER REMOVAL	FOOT	9	\$15.00	0.00%	\$135.00
31	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	78	\$15.00	0.03%	\$1,170.00
32	44201701	CLASS D PATCHES, TYPE I, 5 INCH	SQ YD	97	\$55.00	0.16%	\$5,335.00
33	44201705	CLASS D PATCHES, TYPE II, 5 INCH	SQ YD	168	\$55.00	0.27%	\$9,240.00
34	44201709	CLASS D PATCHES, TYPE III, 5 INCH	SQ YD	478	\$55.00	0.77%	\$26,290.00
35	44201711	CLASS D PATCHES, TYPE IV, 5 INCH	SQ YD	418	\$55.00	0.68%	\$22,990.00
36	48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	2,888	\$20.00	1.70%	\$57,760.00
37	48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	6,433	\$50.00	9.46%	\$321,650.00
38	50102400	CONCRETE REMOVAL	CU YD	1	\$2,000.00	0.06%	\$2,000.00
39	50105220	PIPE CULVERT REMOVAL	FOOT	1,907	\$25.00	1.40%	\$47,675.00
40	54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	60	\$2,000.00	3.53%	\$120,000.00
41	54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	54	\$2,500.00	3.97%	\$135,000.00
42	54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	4	\$3,500.00	0.41%	\$14,000.00
43	542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	1,596	\$75.00	3.52%	\$119,700.00
44	542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	1,831	\$80.00	4.31%	\$146,480.00



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45	542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	190	\$110.00	0.61%	\$20,900.00
46	542A1057	PIPE CULVERTS, CLASS A, TYPE 2 12"	FOOT	318	\$80.00	0.75%	\$25,440.00
47	56109210	WATER VALVES TO BE ADJUSTED	EACH	2	\$1,000.00	0.06%	\$2,000.00
48	56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	2	\$2,700.00	0.16%	\$5,400.00
49	60600605	CONCRETE CURB, TYPE B	FOOT	80	\$40.00	0.09%	\$3,200.00
50	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	39	\$90.00	0.10%	\$3,510.00
51	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1,492	\$120.00	5.26%	\$179,040.00
52	66900530	SOIL DISPOSAL ANALYSIS	EACH	12	\$1,500.00	0.53%	\$18,000.00
53	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	\$7,500.00	0.22%	\$7,500.00
54	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	\$2,500.00	0.07%	\$2,500.00
55	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	12	\$1,000.00	0.35%	\$12,000.00
56	67100100	MOBILIZATION	LSUM	1	\$150,000.00	4.41%	\$150,000.00
57	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1	\$130,000.00	3.82%	\$130,000.00
58	70300100	SHORT TERM PAVEMENT MARKING	FOOT	1,523	\$1.00	0.04%	\$1,523.00
59	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	508	\$1.00	0.01%	\$508.00
60	70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	73	\$3.00	0.01%	\$219.00
61	70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	29,509	\$0.35	0.30%	\$10,328.15
62	70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	33	\$0.55	0.00%	\$18.15
63	70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	93	\$2.25	0.01%	\$209.25
64	72900200	METAL POST - TYPE B	FOOT	283	\$20.00	0.17%	\$5,660.00
65	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	73	\$6.00	0.01%	\$438.00
66	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	29,509	\$0.70	0.61%	\$20,656.30
67	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	33	\$1.10	0.00%	\$36.30
68	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	93	\$4.50	0.01%	\$418.50
69	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	15	\$300.00	0.13%	\$4,500.00
70	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	12	\$25.00	0.01%	\$300.00
71	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	31	\$75.00	0.07%	\$2,325.00
72	A2001020	TREE, ACER RUBRUM (RED MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	11	\$600.00	0.19%	\$6,600.00
73	A2002920	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	6	\$600.00	0.11%	\$3,600.00
74	A2006520	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	7	\$600.00	0.12%	\$4,200.00
75	A2007120	TREE, QUERCUS RUBRA (RED OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	10	\$600.00	0.18%	\$6,000.00
76	B2001566	TREE, CRATAEGUS CRUSGALLI (COCKSPUR HAWTHORN), 6' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	11	\$600.00	0.19%	\$6,600.00
77	D2002772	EVERGREEN, PINUS NIGRA (AUSTRIAN PINE), 6' HEIGHT, BALLED AND BURLAPPED	EACH	25	\$600.00	0.44%	\$15,000.00
78	X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	\$65,000.00	1.91%	\$65,000.00
79	X0327611	REMOVE AND REINSTALL BRICK PAVER	SQ FT	1,815	\$25.00	1.33%	\$45,375.00
80	X0327902	MAILBOX REMOVE AND REPLACE	EACH	45	\$750.00	0.99%	\$33,750.00
81	X1700109	EXPOSED AGGREGATE SURFACE	SQ FT	1,994	\$30.00	1.76%	\$59,820.00
82	X2010404	STUMP REMOVAL	EACH	2	\$250.00	0.01%	\$500.00
83	X2010510	CLEARING AND GRUBBING	LSUM	1	\$15,000.00	0.44%	\$15,000.00
84	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	55	\$750.00	1.21%	\$41,250.00
85	X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	8	\$1,000.00	0.24%	\$8,000.00
86	X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	2	\$1,250.00	0.07%	\$2,500.00
87	Z0004522	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 6"	SQ YD	1,120	\$55.00	1.81%	\$61,600.00
88	Z0004530	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8"	SQ YD	262	\$75.00	0.58%	\$19,650.00



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89	Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	31	\$1,000.00	0.91%	\$31,000.00
90	Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	33	\$400.00	0.39%	\$13,200.00
91	Z0030850	TEMPORARY INFORMATION SIGNING	EACH	77	\$30.00	0.07%	\$2,310.00
92	Z0051500	REMOVING AND RESETTING STREET SIGNS	EACH	21	\$250.00	0.15%	\$5,250.00
93	Z0056648	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	FOOT	378	\$130.00	1.44%	\$49,140.00
94	Z0075505	TIMBER RETAINING WALL REMOVAL	FOOT	406	\$30.00	0.36%	\$12,180.00
95	Z0076600	TRAINEES	HOUR	500	\$15.00	0.22%	\$7,500.00
96	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	\$15.00	0.22%	\$7,500.00
TOTAL ESTIMATED COST OF WORK INCLUDING ALL LABOR, MATERIALS, AND PROFITS:						100.00%	\$3,400,922.15

Made By: <u>Dominic Olesak</u>	Date: <u>July 23, 2024</u>	Reviewed: _____
Checked By: <u>Mark Cobb, P.E.</u>	Date: <u>July 26, 2024</u>	Regional Engineer: _____