



Route Milburn School Road
 County St. Clair
 Local Agency Ofallon
 Section TOTAL

(Construction) Estimate of Cost

Location and brief description (Sta. and land description of beginning; Sta. only for end for county and road districts; street limits for municipality.)
Reconstruction of Milburn School Road from approximately 485' west of intersection of Milburn School Road and Merriam parkway/Milburn Estates Drive to Simmons Road
Road including full-depth 8" HMA pavement, sidewalk, combination curb and gutter, storm sewer, and all necessary pavement marking and traffic control items.

Total Project Length	5386 Feet
Net Length	1.02 Miles

Surface Type	HMA
Width	38'

Shoulder Type	C&G
Width	B6.24

Bridge or Culvert	
Length	
Width	

Item Number	Items	Unit	Quantity	Unit Price	Total Cost
CARRIED FORWARD					
20100110	Tree Removal (6 to 15 Units Diameter)	Unit	59.00	25.00	\$1,475.00
20100210	Tree Removal (Over 15 Units Diameter)	Unit	28.00	35.00	\$ 980.00
20200100	Earth Excavation	Cu Yd	5,656.00	18.00	\$101,808.00
20201200	Removal and Disposal of Unsuitable Material	Cu Yd	3,487.00	18.00	\$62,766.00
20400800	Furnished Excavation	Cu Yd	1,369.00	15.00	\$20,535.00
20800150	Trench Backfill	Cu Yd	1,649.00	25.00	\$41,225.00
25000100	Seeding, Class 1	Acre	2.00	2,500.00	\$5,000.00
25000400	Nitrogen Fertilizer Nutrient	Pound	189.00	2.00	\$ 378.00
25000500	Phosphorus Fertilizer Nutrient	Pound	189.00	2.00	\$ 378.00
25000600	Potassium Fertilizer Nutrient	Pound	189.00	2.00	\$ 378.00
25100115	Mulch, Method 2	Acre	2.00	1,250.00	\$2,500.00
28000250	Temporary Erosion Control Seeding	Pound	209.00	8.00	\$1,672.00
28000305	Temporary Ditch Checks	Foot	32.00	150.00	\$4,800.00
28000400	Perimeter Erosion Barrier	Foot	3,860.00	3.50	\$13,510.00
28000500	Inlet and Pipe Protection	Each	7.00	175.00	\$1,225.00
28100707	Stone Dumped Riprap, Class A4	Sq Yd	136.00	55.00	\$7,480.00
28200200	Filter Fabric	Sq Yd	136.00	5.00	\$ 680.00
30200650	Processing Modified Soil, 12"	Sq Yd	20,286.00	4.00	\$81,144.00
30201500	Lime	Ton	392.00	70.00	\$27,440.00
31100910	Sub-base Granular Material, Type A, 12"	Sq Yd	4,863.00	20.00	\$97,260.00
35101400	Aggregate Base Course, Type B	Ton	52.00	32.00	\$1,664.00
40200800	Aggregate Surface Course, Type B	Ton	72.00	32.00	\$2,304.00
40201000	Aggregate for Temporary Access	Ton	350.00	25.00	\$8,750.00
40600100	Bituminous Materials (Prime Coat)	Gallon	1,602.00	4.50	\$7,209.00
40600300	Aggregate (Prime Coat)	Ton	34.00	25.00	\$ 850.00
40600895	Constructing Test Strip	Each	2.00	1,000.00	\$2,000.00
<input checked="" type="checkbox"/> Page Total					
<input type="checkbox"/> Total Estimated Cost					\$495,411.00

Made by CAS Date 03/15/2010
 Checked by _____ Date _____



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CARRIED FORWARD					
40603085	Hot-Mix Asphalt Binder Course, IL-19.0, N70	Ton	7,071.00	80.00	\$565,680.00
40603340	Hot-Mix Asphalt Surface Course, Mix "D", N70	Ton	2,383.00	85.00	\$202,555.00
40800050	Incidental Hot-Mix Asphalt Surfacing	Ton	20.00	150.00	\$3,000.00
42000200	Portland Cement Concrete Pavement, 7"	Sq Yd	352.00	65.00	\$22,880.00
42000300	Portland Cement Concrete Pavement, 8"	Sq Yd	122.00	65.00	\$7,930.00
42001200	Pavement Fabric	Sq Yd	352.00	10.00	\$3,520.00
42001300	Protective Coat	Sq Yd	6,332.00	2.00	\$12,664.00
42300200	Port. Cement Concrete Driveway Pavement, 6"	Sq Yd	197.00	65.00	\$12,805.00
42400100	Portland Cement Concrete Sidewalk, 4"	Sq Ft	17,278.00	5.50	\$95,029.00
42400300	Portland Cement Concrete Sidewalk, 6"	Sq Ft	978.00	7.50	\$7,335.00
42400800	Detectable Warnings	Sq Ft	376.00	60.00	\$22,560.00
44000100	Pavement Removal	Sq Yd	14,485.00	7.00	\$101,395.00
44000155	HMA Surface Removal, 1-1/2"	Sq Yd	314.00	3.00	\$ 942.00
44000200	Driveway Pavement Removal	Sq Yd	227.00	15.00	\$3,405.00
44000500	Combination Curb and Gutter Removal	Foot	565.00	5.00	\$2,825.00
44000600	Sidewalk Removal	Sq Ft	821.00	3.00	\$2,463.00
50100100	Removal of Existing Structures	Each	1.00	1,500.00	\$1,500.00
50105220	Pipe Culvert Removal	Foot	543.00	10.00	\$5,430.00
542D0220	Pipe Culvert, Class D, Type 1, 15"	Foot	55.00	35.00	\$1,925.00
54213663	PRC Flared End Section 18"	Each	1.00	700.00	\$ 700.00
54213669	PRC Flared End Section 24"	Each	2.00	800.00	\$1,600.00
54213679	PRC Flared End Section 30"	Each	1.00	1,000.00	\$1,000.00
54213687	PRC Flared End Section 42"	Each	1.00	1,500.00	\$1,500.00
550A2320	Storm Sewers, Rubber Gasket, Cl. A, Type 1, 12"	Foot	733.00	34.00	\$24,922.00
550A2330	Storm Sewers, Rubber Gasket, Cl. A, Type 1, 15"	Each	675.00	38.00	\$25,650.00
<input checked="" type="checkbox"/> Page Total					\$1,131,215.0
<input type="checkbox"/> Total Estimated Cost					

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550A2340	Storm Sewers, Rubber Gasket, Cl. A, Type 1, 18"	Foot	488.00	46.00	\$22,448.00
550A2360	Storm Sewers, Rubber Gasket, Cl. A, Type 1, 24"	Foot	413.00	54.00	\$22,302.00
550A2380	Storm Sewers, Rubber Gasket, Cl. A, Type 1, 30"	Foot	12.00	72.00	\$ 864.00
550A2400	Storm Sewers, Rubber Gasket, Cl. A, Type 1, 36"	Foot	54.00	92.00	\$4,968.00
550A2520	Storm Sewers, Rubber Gasket, Cl. A, Type 2, 12"	Foot	557.00	38.00	\$21,166.00
550A2530	Storm Sewers, Rubber Gasket, Cl. A, Type 2, 15"	Foot	1,329.00	40.00	\$53,160.00
550A2540	Storm Sewers, Rubber Gasket, Cl. A, Type 2, 18"	Foot	427.00	50.00	\$21,350.00
550A2560	Storm Sewers, Rubber Gasket, Cl. A, Type 2, 24"	Foot	261.00	56.00	\$14,616.00
55100500	Storm Sewer Removal 12"	Foot	36.00	12.00	\$ 432.00
55100700	Storm Sewer Removal 15"	Foot	385.00	15.00	\$5,775.00
55101200	Storm Sewer Removal 24"	Foot	98.00	20.00	\$1,960.00
55101600	Storm Sewer Removal 30"	Foot	32.00	28.00	\$ 896.00
55101800	Storm Sewer Removal 42"	Foot	64.00	35.00	\$2,240.00
56109210	Water Valves to be Adjusted	Each	4.00	175.00	\$ 700.00
60218500	MH, Type A, 4'Dia., Type 3 Frame and Grate	Each	1.00	1,200.00	\$1,200.00
60219540	MH, Type A, 4'Dia., Type 24 Frame and Grate	Each	5.00	1,750.00	\$8,750.00
60221000	MH, Type A, 5'Dia., Type 1 Frame and Open Lid	Each	1.00	2,200.00	\$2,200.00
60221100	MH, Type A, 5'Dia., Type 1 Frame and Closed Lid	Each	1.00	2,100.00	\$2,100.00
60222240	MH, Type A, 5'Dia., Type 24 Frame and Grate	Each	3.00	2,200.00	\$6,600.00
60224039	MH, Type A, 6'Dia., Type 24 Frame and Grate	Each	2.00	2,750.00	\$5,500.00
60235300	Inlets, Type A, Type 1 Frame, Closed Lid	Each	1.00	1,000.00	\$1,450.00
60235700	Inlets, Type A, Type 3 Frame and Grate	Each	2.00	1,000.00	\$2,000.00
60237470	Inlets, Type A, Type 24 Frame and Grate	Each	2.00	1,000.00	\$2,000.00
60240220	Inlets, Type B, Type 3 Frame and Grate	Each	1.00	1,300.00	\$1,300.00
<input checked="" type="checkbox"/> Page Total					\$205,977.00
<input type="checkbox"/> Total Estimated Cost					\$205,977.00

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	CARRIED FORWARD				\$2,480,212.7
X0976500	End Sections to be Removed	Each	3.00	200.00	\$ 600.00
X5427600	Remove and Relocate End Sections	Each	2.00	500.00	\$1,000.00
X7800100	Paint Pavement Marking-Raised Median	Sq Ft	335.00	5.00	\$1,675.00
Z0022800	Fence Removal	Foot	419.00	8.00	\$3,352.00
	Remove and Reinstall 18" HDPE Storm Sewer	Foot	44.00	30.00	\$1,320.00
<input type="checkbox"/> Page Total <input checked="" type="checkbox"/> Total Estimated Cost					\$2,488,159.7

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