

2008 SUBDIVISION IMPROVEMENT UNIT COST

Construction of Streets

Grading	\$	2.80	p/cu/yd
Rock Excavation	\$	24.40	p/cu/yd
Subgrade Excavating	\$	2.80	p/cu/yd
Borrow Excavating	\$	12.30	p/cu/yd
Concrete Paving 6"	\$	35.00	p/sq/yd
Concrete Paving 7"	\$	35.00	p/sq/yd
Concrete Paving 8"	\$	38.50	p/sq/yd
Bituminous and Asphaltic Wearing Surface 2" thick	\$	12.30	p/sq/yd
Asphaltic Concrete Pavement (Superpave) 12" (10" Type SP190 (PG64-22) & 2" Type SP125 (PG 70- 22) CLP (ARS)	\$	82.00	p/sq/yd
Bituminous Concrete Pavement 9" (7" Type X & 2" Type C, CRS)	\$	56.40	p/sq/yd
Bituminous Concrete Pavement 10.5" (8.5" Type X & 2" Type C, CRS)	\$	67.70	p/sq/yd
Type 5 Aggregate Base 4"	\$	4.40	p/sq/yd
Concrete Base 6"	\$	45.50	p/sq/yd
Concrete Base 7"	\$	48.30	p/sq/yd
Pavement Lugs 20'	\$	2,070.00	each
Pavement Lugs 26'	\$	2,590.00	each
Pavement Lugs 38'	\$	3,100.00	each
3" Rolled Conc. Curb & Gutter	\$	16.60	p/lin. ft.
6" Vertical Conc. Curb & Gutter	\$	20.70	p/lin. ft.
3" Integral Rolled Conc. Curb	\$	8.50	p/lin. ft.
6" Intergral Vertical Conc. Curb (cul de sac)	\$	10.35	p/lin. ft.
3" Rolled Asphaltic/Bituminous Curb	\$	6.15	p/lin. ft.
6" Vertical Asphaltic/Bituminous Curb	\$	10.35	p/lin. ft.
Turnaround, Non-Residential 55' R, 7" Portland Cement Concrete (No Center Island) and Bituminous Concrete (8.5" Type X & Type C)	\$	26,950.00	each
Turnaround, Residential 42' R, 6" Portland Cement Concrete and Bituminous Concrete (7" Type X & 2' Type C)	\$	15,250.00	each
Turnaround, Residential 55' 6" Portland Cement Concrete and Bituminous Concrete (7" Type X & 2" Type C)	\$	21,450.00	each
Saw Cutting	\$	5.75	p/lin. ft

Construction of Other Streets

Grading	\$	2.80	p/cu/yd
Subgrade Excavating	\$	2.80	p/cu/yd

Construction of Other Streets (Cont'd)

2008 SUBDIVISION IMPROVEMENT UNIT COST

Rock Excavation	\$	24.40	p/cu/yd
Borrow Excavating	\$	12.30	p/cu/yd
Concrete Paving 6"	\$	35.00	p/sq/yd
Concrete Paving 7"	\$	35.00	p/sq/yd
Concrete Paving 8"	\$	38.50	p/sq/yd
Bituminous and Asphaltic Wearing Surface 2" thick	\$	12.30	p/sq/yd
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Type 5 Aggregate Base 4"	\$	4.40	p/sq/yd
Concrete Base 6"	\$	45.50	p/sq/yd
Concrete Base 7"	\$	48.30	p/sq/yd
Pavement Lugs 20'	\$	2,070.00	each
Pavement Lugs 26'	\$	2,590.00	each
Pavement Lugs 38'	\$	3,100.00	each
Turnaround, Non-Residential 55' R, 7" Portland Cement Concrete (No Center Island) and Bituminous Concrete (8.5" Type X & Type C)	\$	26,950.00	each
Turnaround, Residential 42' R, 6" Portland Cement Concrete and Bituminous Concrete (7" Type X & 2' Type C)	\$	15,250.00	each
Turnaround, Residential 55' 6" Portland Cement Concrete and Bituminous Concrete (7" Type X & 2" Type C)	\$	21,450.00	each
Turnaround School Bus (concrete)	\$	21,450.00	each
Turnaround School Bus (asphalt)	\$	21,450.00	each
Turnaround Industrial (concrete)	\$	26,950.00	each
Turnaround Industrial (asphalt)	\$	26,950.00	each
Concrete Handicap Ramp	\$	1,035.00	each
3" Rolled Conc. Curb & Gutter	\$	16.60	p/lin. ft.
6" Vertical Conc. Curb & Gutter	\$	20.70	p/lin. ft.
3" Integral Rolled Conc. Curb	\$	8.50	p/lin. ft.
6" Vertical Conc. Curb & Gutter (cul de sac)	\$	10.35	p/lin. ft.
3" Rolled Asphaltic/Bituminous Curb	\$	6.15	p/lin. ft.
6" Vertical Asphaltic/Bituminous Curb	\$	10.35	p/lin. ft.
Saw Cutting	\$	5.75	p/lin. ft

Temporary Barricades

Barricades	\$	246.00	each
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Road Widening

2008 SUBDIVISION IMPROVEMENT UNIT COST

Concrete Base 6" thick	\$	45.50	p/sq/yd
Concrete Base 7" thick	\$	48.30	p/sq/yd
Bituminous and Asphaltic Wearing Surface 2" thick	\$	12.30	p/sq/yd
Bituminous Concrete Pavement 9" (7" Type X & 2" Type C, CRS)	\$	56.40	p/sq/yd
Bituminous Concrete Pavement 10.5" (8.5" Type X & 2" Type C, CRS)	\$	67.70	p/sq/yd
Saw Cutting	\$	5.75	p/lin. ft
3" Rolled Conc. Curb & Gutter	\$	16.60	p/lin. ft.
6" Vertical Conc. Curb & Gutter	\$	20.70	p/lin. ft.
3" Intergral Rolled Conc. Curb	\$	8.50	p/lin. ft.
6" Intergral Vertical Conc. Curb (cul de sac)	\$	10.35	p/lin. ft.
3" Rolled Asphaltic/Bituminous Curb	\$	6.15	p/lin. ft.
6" Vertical Asphaltic/Bituminous Curb	\$	10.35	p/lin. ft.

Temporary Turnaround

School Bus Temporary	\$	8,100.00	each
Temporary Turnaround- Residential, Bituminous Concrete (7' Type X 7 2 Type C)	\$	6,400.00	each

Temp. Turnaround Removal

Temp. Turnaround Removal	\$	4,600.00	each
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Guard Rail

Guard Rail (steel)	\$	57.40	p/lin/ft
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Handicapped Access

Concrete Handicap Ramp	\$	1,035.00	each
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Street Removal & Replacement

Removal of Asphaltic Concrete & Bituminous Concrete Pavement	\$	20.50	p/sq/yd
Removal of Asphaltic Concrete & Bituminous Concrete Curb	\$	15.30	p/lin/ft
Removal of Asphaltic Concrete & Bituminous Concrete Driveways	\$	17.50	p/sq/yd
Removal of Concrete Curb & Gutter	\$	18.50	p/lin/ft
Removal of Concrete Driveway	\$	26.50	p/sq/yd
Removal of Concrete Pavement	\$	28.70	p/sq/yd
Removal of Concrete Walk	\$	2.60	p/sq/ft
Removal of Temporary Turnaround	\$	4,600.00	each
Removal & Replacement of Asphaltic Concrete & Bituminous Concrete Pavement	\$	56.40	p/sq/yd
Removal & Replacement of Asphaltic Concrete & Bituminous Concrete Curb & Gutter	\$	30.80	p/lin/ft

Street Removal & Replacement (Cont'd)

2008 SUBDIVISION IMPROVEMENT UNIT COST

Removal & Replacement of Asphaltic Concrete & Bituminous Concrete Driveway	\$	43.00	p/sq/yd
Removal & Replacement of Concrete Curb & Gutter	\$	39.00	p/lin/ft
Removal & Replacement of Concrete Driveway	\$	49.20	p/sq/yd
Removal & Replacement of Concrete Pavement	\$	54.30	p/sq/yd
Removal & Replacement of Concrete Walks	\$	7.30	p/sq/ft

Construction of Sidewalk

Sidewalk 4" thick - 4' wide	\$	4.70	p/sq/ft
Sidewalk 4" thick - 5' wide	\$	4.70	p/sq/ft
Sidewalk 6" thick Res. Entrance	\$	4.90	p/sq/ft
Sidewalk 7" thick Com. Entrance	\$	5.10	p/sq/ft
Concrete Handicap Ramp	\$	1,035.00	each

Storm Sewers

12" RCP	\$	34.00	p/lin/ft
15" RCP	\$	38.00	p/lin/ft
18" RCP	\$	40.00	p/lin/ft
21" RCP	\$	44.00	p/lin/ft
24" RCP	\$	50.00	p/lin/ft
27" RCP	\$	52.00	p/lin/ft
30" RCP	\$	55.00	p/lin/ft
33" RCP	\$	59.00	p/lin/ft
36" RCP	\$	62.00	p/lin/ft
42" RCP	\$	75.00	p/lin/ft
48" RCP	\$	87.00	p/lin/ft
54" RCP	\$	111.00	p/lin/ft
60" RCP	\$	133.00	p/lin/ft
66" RCP	\$	168.00	p/lin/ft
72" RCP	\$	230.00	p/lin/ft
78" RCP	\$	256.00	p/lin/ft
84" RCP	\$	316.00	p/lin/ft
90" RCP	\$	343.00	p/lin/ft
96" RCP	\$	404.00	p/lin/ft
102" RCP	\$	425.00	p/lin/ft
108" RCP	\$	492.00	p/lin/ft
Storm Manhole	\$	1,350.00	each
Curb Inlet, single	\$	1,350.00	each
Curb Inlet, double	\$	2,560.00	each
Curb Inlet, triple	\$	2,700.00	each
Grated Inlet	\$	2,588.00	each

Storm Sewers (Cont'd)

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Area Inlet, single	\$ 2,070.00	each
Area Inlet, double	\$ 2,485.00	each
Area Inlet, triple	\$ 3,105.00	each
12" Concrete Collar	\$ 207.00	each
15" Concrete Collar	\$ 259.00	each
18" Concrete Collar	\$ 310.00	each
24" Concrete Collar	\$ 388.00	each
27" Concrete Collar	\$ 414.00	each
30" Concrete Collar	\$ 440.00	each
36" Concrete Collar	\$ 544.00	each
42" Concrete Collar	\$ 621.00	each
48" Concrete Collar	\$ 724.00	each
Junction Chamber	\$ 13,250.00	each
Grated Trough	\$ 10,350.00	each
End Pipe	\$ 724.00	each
Corrugated Metal Pipe	\$ 2.70	p/in/ft
Corrugated Metal Pipe (Aluminum)	\$ 3.00	p/in/ft
12" Flared End Section	\$ 517.00	each
15" Flared End Section	\$ 569.00	each
18" Flared End Section	\$ 621.00	each
21" Flared End Section	\$ 673.00	each
24" Flared End Section	\$ 724.00	each
27" Flared End Section	\$ 828.00	each
30" Flared End Section	\$ 931.00	each
33" Flared End Section	\$ 1,294.00	each
36" Flared End Section	\$ 1,347.00	each
42" Flared End Section	\$ 1,552.00	each
48" Flared End Section	\$ 1,763.00	each
54" Flared End Section	\$ 1,865.00	each
60" Flared End Section	\$ 2,383.00	each
66" Flared End Section	\$ 2,798.00	each
72" Flared End Section	\$ 3,418.00	each
12" Headwall	\$ 1,219.00	each
15" Headwall	\$ 1,245.00	each
18" Headwall	\$ 1,255.00	each
21" Headwall	\$ 1,300.00	each
24" Headwall	\$ 1,347.00	each
27" Headwall	\$ 1,435.00	each
30" Headwall	\$ 1,609.00	each
33" Headwall	\$ 1,747.00	each
36" Headwall	\$ 1,947.00	each
42" Headwall	\$ 2,070.00	each
48" Headwall	\$ 2,280.00	each
54" Headwall	\$ 2,434.00	each
60" Headwall	\$ 2,665.00	each

Storm Sewers (Cont'd)

2008 SUBDIVISION IMPROVEMENT UNIT COST

66" Headwall	\$	2,952.00	each
72" Headwall	\$	3,157.00	each
Energy Dissipator	\$	3,625.00	each
Riprap / Revet. - Light Stone	\$	47.00	p/sq. yd
Riprap / Revet. - Heavy Stone	\$	47.00	p/sq. yd
Riprap - Grouted, Heavy Stone	\$	57.00	p/sq. yd
Riprap/ Revet.. - Gabion Basket	\$	210.00	p/cu/yard
Paved Concrete Swale 4" thick	\$	4.80	p/sq/ft
Paved Concrete Swale 6" thick	\$	6.40	p/sq/ft
Paved Concrete Swale 7" thick	\$	8.30	p/sq/ft
Asphaltic Conc. Swale 5" thick	\$	5.45	p/sq/ft
Overflow Structures	\$	6,210.00	each
Box Culvert	\$	727.00	p/cu/yard
Concrete Encasement	\$	220.00	p/cu/yard
Granular Fill (per lot)	\$	205.00	per lot
Granular Fill (per cu. yd.)	\$	3.70	p/cu/yard

Monuments

Survey Monuments - first 4	\$	910.00	each
Survey Monuments - over 4	\$	215.00	each

Street Signs

Street Signs	\$	246.00	each
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Street Lights

Without AmerenUE Contract	\$	770.00	each
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Trees

1.5" diameter	\$	140.00	each
2.0" - 2.5" diameter	\$	180.00	each
Conifer - 4' minimum	\$	88.00	each
Conifer - 6" minimum	\$	145.00	each

Landscaping

Actual Estimated Cost

Retaining / Railroad Tie Walls

Concrete Retaining Wall	\$	912.00	cu. yds
Large Panel Wall System	\$	61.50	sq. ft.
Precast Concrete Block Wall	\$	20.50	sq. ft.
RR Tie Wall (30 per 100 sq. ft. including dead men)	\$	29.70	per tie

Grading and Erosion (Final 100%)

Grading- Residential	\$344.00/lot + \$2,175.00
Grading-Industrial/Commercial	\$1,708.00/acre + \$2,636.00
Grading-Apartments/Condos	\$250.00/unit + \$3,559.00

Sink Hole Treatment

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capping	\$ 610.00	each
venting	\$ 3,880.00	each
Sink Hole Treatment	\$ 28,315.00	each

Springs

Spring Treatment	\$ 18,450.00	each
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Permanent Lakes

Treatment per acre of Lake	\$ 12,300.00	each
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Fencing

Chain Link - 4' high	\$ 14.60	p/ lin. ft.
Chain Link - 5' high	\$ 16.65	p/ lin. ft.
Chain Link - 6' high	\$ 19.75	p/ lin. ft.
Sight Proof - Wood - 6' high	\$ 36.90	p/ lin. ft.
Sight Proof - PVC - 6' high	\$ 38.95	p/ lin. ft.

Swimming Pools - Actual Cost

Recreation Building - Actual Cost

Tennis Court - Actual Cost

Box Culvert

Box Culvert	\$ 727.00	p/cu/yd
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Detention/Retention Basin (Final 100%)

Detention/Retention-Residential	\$125.00/lot + \$3,875.00
Detention/Retention-Ind/Com	\$619.00/acre + \$7,747.00
Detention/Retention-Apts/Condos	\$32.00/unit + \$4,667.00

Siltation Control (Final 100%)

[Actual cost](#)

Common Ground Seed / Sod

Seeding	\$ 0.62	p/sq/yd
Sod	\$ 8.30	p/sq/yd
Cul de sac seeding	\$ 61.50	each
Cul de sac sodding	\$ 594.50	each

Common Ground Walk / Fence

Walkway 4" thick 4' wide	\$ 4.70	p/sq/ft
Chain Link - 4' high	\$ 14.60	p/ lin. ft.
Chain Link - 5' high	\$ 16.65	p/ lin. ft.
Chain Link - 6' high	\$ 19.75	p/ lin. ft.
Sight Proof - Wood - 6' high	\$ 36.90	p/ lin. ft.
Sight Proof - PVC - 6' high	\$ 38.95	p/ lin. ft.