

**RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT
IMPROVEMENT REQUIREMENT WORKSHEET
STREET IMPROVEMENTS**

QUANTITY	UNIT	ITEM	UNIT COST	AMOUNT
		ROADWAY EXCAVATION		
	C.Y.	1. Projects with Grading Plan Area x 0.50' (hinge point to hinge point)	\$ 20.00	\$ 0.00
		2. Projects without a Grading Plan Road area and side slopes to daylight Cut (c) = Fill (f) =		
	C.Y.	(a.) Excavate and Fill	\$ 0.40	\$ 0.00
	C.Y.	(b.) Excavate and Export	\$ 1.10	\$ 0.00
	C.Y.	(c.) Import and Fill	\$ 2.80	\$ 0.00
		If balance, provide (a.) only, either cut or fill If export, provide (a.)&(b.) a = fill, b = cut - fill If import, provide (a.)&(c), a = cut, c = fill - cut (Unit costs for (a), (b), & (c) are 20% of actual costs to assure that work will be corrected to eliminate hazardous conditions.)		
486	L.F.	Sawcut Exist. A.C. Pavement	\$ 1.00	\$ 486.00
	S.F.	Cold Plane A.C. Pavement	\$ 2.25	\$ 0.00
55	S.Y.	Grinding A.C. , in place	\$ 2.00	\$ 110.00
217	S.Y.	Remove A.C. Pavement	\$ 1.45	\$ 314.65
482	L.F.	Remove Curb and Gutter	\$ 18.00	\$ 8,676.00
	L.F.	Remove A.C. Dike	\$ 3.00	\$ 0.00
	EA.	Relocate Mailbox	\$ 250.00	\$ 0.00
	L.F.	Remove Chain Link Fence	\$ 7.50	\$ 0.00
	L.F.	Remove Barricade	\$ 10.00	\$ 0.00
137	TON	Asphalt Concrete (5747 S.F.)(0.33ft.)(144 lbs/cu.ft)(0.0005 ton/lbs)	\$ 90.00	\$ 12,330.00
177	C.Y.	Agg Base Class II (5747 S.F.)(0.83ft)(0.037CY)	\$ 50.00	\$ 8,850.00
	Ton	Asphalt Emulsion (Fog Seal/Paint Binder) (1 ton = 240 gals) (116,103S.F.) apply at 0.05+0.03 = 0.08 gal/SY	\$ 600.00	\$ 0.00
489	S.F.	AC overlay (min. 0.10") (SF)	\$ 0.90	\$ 440.10
399	L.F.	Curb and Gutter (Type A-6)	\$ 15.00	\$ 5,985.00
	L.F.	Curb and Gutter (Type A-8)	\$ 17.00	\$ 0.00
	L.F.	Type "C" Curb	\$ 12.00	\$ 0.00
	L.F.	Type "D-1" Curb	\$ 12.00	\$ 0.00
	L.F.	Type "D" Curb	\$ 15.00	\$ 0.00
	L.F.	A.C. Dike (6")(incl. material & labor)	\$ 10.00	\$ 0.00
	L.F.	A.C. Dike (8")(incl. material & labor)	\$ 15.00	\$ 0.00
	S.F.	P.C.C. Cross Gutter and Spandrels	\$ 10.00	\$ 0.00
1,592	S.F.	P.C.C. Sidewalk	\$ 6.00	\$ 9,552.00
947	S.F.	P.C.C. Drive Approach	\$ 8.00	\$ 7,576.00
	S.F.	P.C.C. Dip Section Std. 307	\$ 6.00	\$ 0.00
	EA.	Handicapped Access Ramp	\$ 2,000.00	\$ 0.00
	C.Y.	Structural Reinforcement Concrete	\$ 400.00	\$ 0.00
	L.F.	Barricades	\$ 100.00	\$ 0.00
	L.F.	Metal Beam Guard Railing	\$ 50.00	\$ 0.00

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	L.F.	Utility Trench, one side (Edison, Telephone, Cable) (total length of Streets)	\$ 10.00	\$ 0.00
	L.F.	Chain Link Fence (6')	\$ 80.00	\$ 0.00
	L.F.	Relocate Fence	\$ 12.00	\$ 0.00
	EA.	Pipe Gate	\$ 1,000.00	\$ 0.00
	EA.	Relocate Power Pole	\$ 10,000.00	\$ 0.00
	EA.	Street Lights (including conduit)	\$ 5,000.00	\$ 0.00
	EA.	Concrete Bulkhead	\$ 2,500.00	\$ 0.00
	EA.	Slope Anchors for Pipes	\$ 300.00	\$ 0.00
	C.Y.	Cut Off Wall (Std 2')	\$ 400.00	\$ 0.00
	EA.	A. C. Overside Drain	\$ 800.00	\$ 0.00
	EA.	Under Sidewalk Drain Std 309	\$ 2,000.00	\$ 0.00
	EA.	Flat Outlet Drainage Structure Std 303	\$ 2,000.00	\$ 0.00
	EA.	Curb Outlet Drainage Structure Std 308	\$ 2,000.00	\$ 0.00
	EA.	Private Drainage Structure Std 310	\$ 500.00	\$ 0.00
	S.F.	Terrace Drain & Down Drain	\$ 6.50	\$ 0.00
	S.F.	Interceptor Drain	\$ 6.50	\$ 0.00
	C.Y.	R.C. Box Culvert	\$ 400.00	\$ 0.00
	C.Y.	Concrete Channel	\$ 200.00	\$ 0.00
	C.Y.	Rip Rap (1/4 Ton) Method B	\$ 40.00	\$ 0.00
	C.Y.	Rip Rap (1/2 Ton) Method B	\$ 45.00	\$ 0.00
	C.Y.	Rip Rap (1 Ton) Method B	\$ 50.00	\$ 0.00
	C.Y.	Rip Rap (2 Ton) Method B	\$ 55.00	\$ 0.00
	C.Y.	Grouted Rip Rap (1/4 Ton) Method B	\$ 60.00	\$ 0.00
	C.Y.	Grouted Rip Rap (1/2 Ton) Method B	\$ 67.00	\$ 0.00
	C.Y.	Grouted Rip Rap (1 Ton) Method B	\$ 75.00	\$ 0.00
	C.Y.	Grouted Rip Rap (2 Ton) Method B	\$ 80.00	\$ 0.00
	L.F.	18" R.C. P. Or 21" x 15" RCPA	\$ 113.00	\$ 0.00
	L.F.	24" R.C. P. Or 28" x 20" RCPA	\$ 140.00	\$ 0.00
	L.F.	30" R.C. P. Or 35" x 24" RCPA	\$ 150.00	\$ 0.00
	L.F.	36" R.C. P. Or 42" x 29" RCPA	\$ 155.00	\$ 0.00
	L.F.	42" R.C. P. Or 49" x 33" RCPA	\$ 160.00	\$ 0.00
	L.F.	48" R.C. P. Or 57" x 38" RCPA	\$ 165.00	\$ 0.00
	L.F.	54" R.C. P. Or 64" x 43" RCPA	\$ 170.00	\$ 0.00
	L.F.	60" R.C. P. Or 71" x 47" RCPA	\$ 175.00	\$ 0.00
	L.F.	18" C.S.P. HDPE Or Equal	\$ 40.00	\$ 0.00
	L.F.	24" C.S.P. HDPE Or Equal	\$ 50.00	\$ 0.00
	L.F.	30" C.S.P. HDPE Or Equal	\$ 60.00	\$ 0.00
	L.F.	36" C.S.P. HDPE Or Equal	\$ 70.00	\$ 0.00
	L.F.	42" C.S.P. HDPE Or Equal	\$ 80.00	\$ 0.00
	L.F.	48" C.S.P. HDPE Or Equal	\$ 100.00	\$ 0.00
	L.F.	54" C.S.P. HDPE Or Equal	\$ 110.00	\$ 0.00
	L.F.	60" C.S.P. HDPE Or Equal	\$ 120.00	\$ 0.00
	EA.	Catch Basin W=4'	\$ 2,200.00	\$ 0.00
	EA.	Catch Basin W=7'	\$ 4,000.00	\$ 0.00
	EA.	Catch Basin W=14'	\$ 7,800.00	\$ 0.00
	EA.	Catch Basin W=21'	\$ 12,000.00	\$ 0.00

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	EA.	Catch Basin W=28'	\$ 15,000.00	\$ 0.00
	EA.	Type IX Inlet	\$ 2,500.00	\$ 0.00
	EA.	Type X Inlet	\$ 2,500.00	\$ 0.00
	EA.	Junction Structure No. 1	\$ 3,000.00	\$ 0.00
	EA.	Junction Structure No. 2	\$ 3,000.00	\$ 0.00
	EA.	Junction Structure No. 6	\$ 3,700.00	\$ 0.00
	EA.	Transition Structure No. 1	\$ 12,500.00	\$ 0.00
	EA.	Transition Structure No. 2	\$ 12,500.00	\$ 0.00
	EA.	Transition Structure No. 3	\$ 2,700.00	\$ 0.00
	EA.	Manhole No. 1	\$ 2,700.00	\$ 0.00
	EA.	Manhole No. 2	\$ 3,300.00	\$ 0.00
	EA.	Manhole No. 3	\$ 2,700.00	\$ 0.00
	EA.	Manhole No. 4	\$ 5,000.00	\$ 0.00
	EA.	Adjust Water Valve to Grade (if no water plan)	\$ 250.00	\$ 0.00
	EA.	Adjust MH to Grade (if no sewer plan)	\$ 600.00	\$ 0.00
	EA.	Street Name Sign	\$ 400.00	\$ 0.00
2834	S.F.	Remove Existing Sidewalk	\$ 2.00	\$ 5,668.00
1	L.S.	Truncated Domes	\$ 400.00	\$ 400.00
				\$ 0.00
				\$ 0.00
				\$ 0.00
		SIGNING, STRIPING AND SIGNALS		
	S.F	Remove Traffic Stripes and Paint Markings	\$ 2.50	\$
2	EA.	Remove, Sign, Salvage	\$ 100.00	\$ 200.00
	EA.	Relocate Roadside Sign	\$ 150.00	\$ 0.00
	EA.	Street Name Sign	\$ 400.00	\$ 0.00
	EA.	Install Sign (Strap and Saddle Bracket Method)	\$ 150.00	
	EA.	Install Sign Mast Arm Hanger Method)	\$ 150.00	\$ 0.00
	EA.	Road Sign - One Post	\$ 250.00	\$ 0.00
	EA.	Road Sign - Two Post	\$ 400.00	\$ 0.00
	EA.	Object Marker - Modified Type "F" Delineator	\$ 60.00	\$ 0.00
	EA.	Delineator (Class 1 Type F)	\$ 40.00	\$ 0.00
	EA.	Delineator (Class 2)	\$ 45.00	\$ 0.00
	EA.	Pavement Marker, Reflective	\$ 3.75	\$ 0.00
	L.F.	Paint Traffic Stripe (2 Coats)	\$ 0.38	\$ 0.00
	L.F.	Remove Barricade	\$ 10.00	\$ 0.00
	L.F.	4" Thermoplastic Traffic Stripe	\$ 0.50	\$ 0.00
	L.F.	8" Thermoplastic Traffic Stripe	\$ 1.40	\$ 0.00
	S. F.	Thermoplastic Channelizing Limit Line and Pavement Marking	\$ 2.25	\$ 0.00
	S.F.	Thermoplastic Cross Walk and Pavement Marking	\$ 4.00	\$ 0.00
	EA	Signal and Lighting		\$ 0.00
1	L.S.	Traffic Signal	\$ 275,000.00	\$ 275,000.00
1	L.S.	Striping	\$ 7,500.00	\$ 7,500.00
				\$ 0.00
				\$ 0.00
				\$ 0.00

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ITEM	UNIT	AMOUNT
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