

II. CONSTRUCTION COST WORKSHEET AND PLAN CHECK FEE CALC SHEET

Sheet 1 of 8

RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT
CONSTRUCTION COST WORKSHEET
AND PLAN CHECK DEPOSIT CALCULATION SHEET

PARCEL MAP OR TRACT MAP NO. _____ DATE: _____
PP, CU, PU, MS OR VL NO. _____ IP: _____

IMPROVEMENTS		FAITHFUL PERFORMANCE SECURITY (100% of Estimated Construction Costs)	MATERIAL & LABOR SECURITY (**50% of Estimated Construction Costs)
Street/Drainage	\$ 0.00	\$ 0.00	\$ 0.00
*Flood Control	\$ 0.00	\$ 0.00	\$ 0.00
Water	\$ 0.00	\$ 0.00	\$ 0.00
District Name			
Sewer	\$ 0.00	\$ 0.00	\$ 0.00
District Name			
Total	0.00	0.00	0.00
Warranty Retention (10%)		\$ 0.00	

DESIGN ENGINEER'S CALCULATION OF IMPROVEMENT BONDING COSTS

Construction items and their quantities, as shown on the attached sheets, are accurate for the improvements required to construct the above project and the mathematical extensions, using County's unit costs, are accurate for determining bonding costs

Above amounts do G do not G include additional 20% for recordation prior to having signed plans (Ordinance460, Section 10.3E).

Signature _____ Date _____

Name Typed or printed _____ RCE# _____ Exp. Date _____

Civil Engineer's Stamp

*Flood Control Construction Cost Estimate to be provided by Flood Control District. Provide a copy of Flood Control District letter stating cost estimate.

*** PLEASE READ INSTRUCTIONS BELOW ***
1. Quantities are to be taken from the Improvement Plans. Unit cost are to be as provided on "Riverside County Improvement Requirement Worksheet."
2. Show Performance Bond Amounts to the nearest \$500.00. Material and Labor Bond Amounts are 50% of Performance Bond Amountss. **100% for Flood Control items.
3. For Construction items not covered by "Riverside County Improvement Requirements Worksheet", Design Engineer is to provide his opinion of construction cost and use that cost. If Riverside County Unit Costs are determined to be too low, in the opinion of the design engineer, the higher costs as provided by the Design Engineer should be used.

Construction_Cost_Worksheet with 1% pcdp.xlsm

UNIT COSTS 3/01/2008
FORMAT 3/01/2008

STREET IMPROVEMENTS

Sheet 2 of 8

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.)		
	L.F.	Sawcut Exist. A.C. Pavement	\$ 1.00	\$ 0.00
	S.F.	Cold Plane A.C. Pavement	\$ 0.50	\$ 0.00
	S.Y.	Grinding A.C. , in place	\$ 0.60	\$ 0.00
	S.Y.	Remove A.C. Pavement	\$ 0.60	\$ 0.00
	L.F.	Remove Curb and Gutter	\$ 18.00	\$ 0.00
	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
	TON	Asphalt Concrete (S.F.) (144 lbs/cu.ft)	\$ 90.00	\$ 0.00
	C.Y.	Agg Base Class II (116,103S.F.)	\$ 50.00	\$ 0.00
	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
	S.F.	AC overlay (min. 0.10') (SF)	\$ 0.90	\$ 0.00
	L.F.	Curb and Gutter (Type A-6)	\$ 10.00	\$ 0.00
	L.F.	Curb and Gutter (Type A-8)	\$ 12.00	\$ 0.00
	L.F.	Type "C" Curb	\$ 10.00	\$ 0.00
	L.F.	Type "D-1" Curb	\$ 10.00	\$ 0.00
	L.F.	Type "D" Curb	\$ 15.00	\$ 0.00
	L.F.	A.C. Dike (6")(incl. material & labor)	\$ 8.00	\$ 0.00
	L.F.	A.C. Dike (8")(incl. material & labor)	\$ 10.00	\$ 0.00
	S.F.	P.C.C. Cross Gutter and Spandrels	\$ 10.00	\$ 0.00
	S.F.	P.C.C. Sidewalk	\$ 6.00	\$ 0.00
	S.F.	P.C.C. Drive Approach	\$ 8.00	\$ 0.00
	S.F.	P.C.C. Dip Section Std. 307	\$ 6.00	\$ 0.00
	EA.	Handicapped Access Ramp	\$ 1,500.00	\$ 0.00
	C.Y.	Structural Reinforcement Concrete	\$ 400.00	\$ 0.00
	L.F.	Barricades	\$ 100.00	\$ 0.00
	L.F.	Metal Beam Guard Railing	\$ 35.00	\$ 0.00

UNIT COSTS 3/01/2010
FORMAT 3/01/2008

Construction_Cost_Worksheet with 1% pcddep.xlsm

RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT
 IMPROVEMENT REQUIREMENT WORKSHEET
STREET IMPROVEMENTS

QUANTITY	UNIT	ITEM	UNIT COST	AMOUNT
	L.F.	Utility Trench, one side (Edison, Telephone, Cable) (total length of Streets)	\$ 10.00	\$ 0.00
	L.F.	Chain Link Fence (6')	\$ 15.00	\$ 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	\$ 200.00	\$ 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	\$ 500.00	\$ 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	\$ 70.00	\$ 0.00
	L.F.	30" R.C. P. Or 35" x 24" RCPA	\$ 153.00	\$ 0.00
	L.F.	36" R.C. P. Or 42" x 29" RCPA	\$ 90.00	\$ 0.00
	L.F.	42" R.C. P. Or 49" x 33" RCPA	\$ 100.00	\$ 0.00
	L.F.	48" R.C. P. Or 57" x 38" RCPA	\$ 235.00	\$ 0.00
	L.F.	54" R.C. P. Or 64" x 43" RCPA	\$ 130.00	\$ 0.00
	L.F.	60" R.C. P. Or 71" x 47" RCPA	\$ 150.00	\$ 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

Construction_Cost_Worksheet with 1% pcdp.xlsm

UNIT COSTS 3/01/2010
 FORMAT 3/01/2008

PLAN CHECK FEE CALCULATION SHEET

Sheet 8 of 8

RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT

PLANCHECK DEPOSIT CALCULATION SHEET

PARCEL MAP OR TRACT NO. _____ SCH: _____ DATE: _____
 PP, CU, PU, MS OR VL NO. _____

IMPROVEMENT COSTS (Including Contingencies)	
I. Streets/Drainage (Line C from Street Improvement Calculations)	\$ 0.00
II. Water (Line C from Water Improvement Calculations)	\$ 0.00
III. Sewer (Line C from Sewer Improvement Calculations)	\$ 0.00
PLAN CHECK DEPOSIT CALCULATION	
A. Street/Drainage (% x I.) NOTE: Use 1% for TR, 6% for PM and 6.5% for PP, CU, PU, MS and VL	\$ 0.00
B. Water and Sewer (1% x II and III.) (Do not include for Tract Maps)	\$ 0.00
C. Total Plan Check Deposit (A + B)	\$ 0.00
SURCHARGE FEE CALCULATION	
D. Surcharge Fee (2% x C)	\$ 0.00
E. Total Plan Check Deposit and Surcharge Fee	\$ 0.00
MINIMUM PLAN CHECK DEPOSIT REQUIREMENTS	
Note: If Plan Check Deposit calculated in "Line E" is less than the minimum as shown below, then following deposit schedule will apply, otherwise pay the full deposit.	
For TR (Schedule. A, B, C, D) and PM (Schedule. E, F, G) - minimum \$2,000	
For PM (Schedule H, I) - minimum \$2,000.00	
For PP/CU/PU/MS/VL - minimum \$2,000.00	
COMMENTS	

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