



INSTRUCTIONS

PLAN CHECK DEPOSIT BASED FEE WORKSHEET

1. Quantities are to be taken from the submitted improvement plans. Quantities for all flood control and drainage facilities shall be provided, including connector pipes and catch basins.
2. Unit costs shall be as provided on the worksheet.
3. Major items not listed on the worksheet shall be listed under "Other Miscellaneous Costs" in the spaces provided at the bottom of the sheet. If more space is needed, attach a separate sheet and include the total on the worksheet.
4. Cost for items not listed on the worksheet shall be based on the consulting engineer's independent construction cost estimate. All costs shall include the complete construction of each item including all labor, equipment and materials.
5. All concrete pipe shall be estimated as Reinforced Concrete Pipe (RCP), not as Cast-in-Place Pipe (CIPP).
6. No quantity estimate is required for Junction Structure Nos. 3, 4 or 7. Their cost is considered to be included in the box, pipe and channel costs, respectively.
7. Bridges shall be estimated individually. Attach a separate sheet with the quantity and the unit cost for each item. Transfer the total cost to the worksheet under "Other Miscellaneous Costs".
8. Please notify the District of any change in contact information in a timely manner. It is the consulting engineer's responsibility to notify District of any changes thereof.
9. It is strongly recommended that the consulting engineer does not submit plan check deposits for their client, as the consulting engineer will be billed as the applicant and be responsible for all payment of invoices associated with the project.
10. If submittal is rejected, you will be notified within ten (10) working days.
11. A refund will be processed within 90 days of receiving administrative clearance for the project when there is a remaining balance greater than \$5.00.
12. A \$5,000 deposit is required for review of a Special Study (e.g., drainage study review associated with final map recordation). Please use the checkbox at the bottom of Page 1 for this type of submittal.



PLAN CHECK DEPOSIT BASED FEE WORKSHEET

Engineer _____ Case No./Name _____

Address _____ Date _____

Contact Person _____ Phone _____

| ITEM | NOTES | UNIT | QUANTITY | UNIT COST | TOTAL |
|--|--------------|------|----------|-----------|-------|
| Trap Channel Excavation | b>8 | CY | | \$ | \$ |
| | b≤8 | CY | | \$ | \$ |
| RCB & Rect. Channel Excavation | b>12 | CY | | \$ | \$ |
| | b≤12 | CY | | \$ | \$ |
| Compacted Fill | Exc.>Fill | CY | | \$ | \$ |
| | Exc.<Fill | CY | | \$ | \$ |
| Trap Channel Concrete | b>8 | CY | | \$ | \$ |
| | b≤8 | CY | | \$ | \$ |
| RCB Concrete | L>150 | CY | | \$ | \$ |
| | L<150 | CY | | \$ | \$ |
| Rect. Channel Concrete (Including Steel) | L>150 | CY | | \$ | \$ |
| | L<150 | CY | | \$ | \$ |
| Cutoff Wall (Std. 2') | | LF | | \$ | \$ |
| Subdrain | 6<b≤16 | LF | | \$ | \$ |
| | b>16 | LF | | \$ | \$ |
| Fencing (6' Typ.) | | LF | | \$ | \$ |
| Catch Basins | | LF | | \$ | \$ |
| Manholes (Pipe) | For Mainline | EA | | \$ | \$ |
| | For Junction | EA | | \$ | \$ |
| Manholes (RCB) | | EA | | \$ | \$ |
| Junction Structure | | CY | | \$ | \$ |
| Transition Structure | | CY | | \$ | \$ |
| Hot Mix Asphalt Type A | | SF | | \$ | \$ |
| Rock Slope Protection* | 1.9 tons/CY | CY | | \$ | \$ |
| Concreted Rock Slope Protection** | 1.9 tons/CY | CY | | \$ | \$ |
| Storm Drain Cost Sheet Total | | | | | |
| Slab Bridges | Rebar | LB | | \$ | \$ |
| (See Instructions) | Concrete | CY | | \$ | \$ |
| Other Miscellaneous Costs | | | | \$ | \$ |

| | | |
|-------------------------------------|----|---|
| Construction Subtotal | \$ | A |
| 12% Contingency | \$ | |
| Construction Total | \$ | B |
| Estimated Plan Check Fees (3% of B) | \$ | C |
| No. of Lots/Units | | |
| x \$50 | \$ | D |
| Total (B) + (C) + (D) | \$ | |
| Initial Deposit | \$ | |

*** Use .75 of this for large installations**

**** Use 25% of riprap quantity to determine grouting concrete quantity**



STORM DRAIN COST SHEET PLAN CHECK DEPOSIT BASED FEE WORKSHEET

| Inside Diameter | IN PLACE (\$/LF) ¹ | | Quantity | | Total |
|-------------------------------------|-------------------------------|---------------------|--------------------|--------------------|-------------|
| | Inches | w/oHMA ² | w/HMA ³ | LF | |
| w/o HMA ² | | | | w/HMA ³ | |
| 18 | | | | | \$ - |
| 24 | | | | | \$ - |
| 30 | | | | | \$ - |
| 36 | | | | | \$ - |
| 42 | | | | | \$ - |
| 48 | | | | | \$ - |
| 54 | | | | | \$ - |
| 60 | | | | | \$ - |
| 66 | | | | | \$ - |
| 72 | | | | | \$ - |
| 78 | | | | | \$ - |
| 84 | | | | | \$ - |
| 90 | | | | | \$ - |
| 96 | | | | | \$ - |
| 102 | | | | | \$ - |
| 108 | | | | | \$ - |
| 114 | | | | | \$ - |
| Storm Drain Cost Sheet Total | | | | | \$ - |

1. Pipe Costs Assume:

\$16.14 per CY Pipe Excavation

\$13.52 per CY Pipe Backfill

\$186.48 per CY Aggregate Base

\$145.00 per CY Bedding

\$275.00 per CY CLSM

\$208.33 per TON HMA (if applicable)

Trench Depth = Pipe Outer Diameter + 5' Cover + 4" Bedding

Trench Width = Pipe Outer Diameter + 2' Cover

Pipe Cost Includes Transportation Costs

2. Without HMA Paving and Base Includes Cost of Excavation, 4" Bedding Material, CLSM and Backfill

3. With HMA Paving and Base Includes Cost of Excavation, 4" Bedding Material, CLSM, Backfill, HMA and Aggregate Base. The HMA is based on 4" over the trench width in addition to 1" of HMA extending 12" on either side of the trench. Aggregate base is based on 6" over the trench width.