

ENGINEER'S ESTIMATE

PROJECT: Tract/CUP/Other

DATE: **x/xx/xxxx**

PREPARED BY: **XX**

STREET WORK

TYPE	QUANTITY	UNIT	UNIT PRICE	TOTAL
Roadway Excavation	0	C.Y.	15.00	0
A.B. Class II	0	Thickness (ft.)		
	0	S.F.	30.00	0
A.C.	0	Thickness (ft.)		
	0	S.F.	90.00	0
A.B. Class II	0	Thickness (ft.)		
	0	S.F.	30.00	0
A.C.	0	Thickness (ft.)		
	0	S.F.	90.00	0
A.C. Grind & Overlay	0	S.F.	2.50	0
Curb and Gutter - 6"	0	L.F.	15.00	0
Curb and Gutter - 8"	0	L.F.	17.00	0
Curb Only - 6"	0	L.F.	12.00	0
Curb Only - 8"	0	L.F.	15.00	0
Cross Gutter and Spandrel	0	S.F.	11.00	0
6' PCC Sidewalk	0	S.F.	5.00	0
Driveway Approach - 6"	0	S.F.	10.00	0
Alley Approach - 8"	0	S.F.	5.00	0
P.C.C. Paving - 6"	0	S.F.	5.00	0
P.C.C. Paving - 8"	0	S.F.	6.00	0
A.C. Berm - 6"	0	L.F.	10.00	0
A.C. Berm - 8"	0	L.F.	12.00	0
Slurry Seal	0	S.F.	0.20	0
Redwood Header	0	L.F.	4.00	0
Sawcut	0	L.F.	1.10	0
Trench Repaving	0	S.F.	5.00	0
Utility Trench	0	L.F.	5.00	0
Wheelchair Ramp	0	EA.	1,800.00	0
Street Name Sign	0	EA.	425.00	0
Stop Sign	0	EA.	200.00	0
Barricade	0	EA.	1000.00	0
Warning Markers - Type L, Type N	0	EA.	50.00	0
Signs and Posts	0	EA.	200.00	0
Traffic Striping/raised pavement markers		L.S.	L.S.	0
Traffic Signal	0	EA.	200,000.00	0
Street Lights (9500 lumen)	0	EA.	5,000.00	0
Street Lights (22000 lumen)	0	EA.	5,500.00	0
Adjust M.H. to Grade	0	EA.	550.00	0
Erosion Control	0	Ac.	5,500.00	0
Additional Item	0	?	0.00	0
Additional Item	0	?	0.00	0
Additional Item	0	?	0.00	0
Additional Item	0	?	0.00	0

SUBTOTAL: 0

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GRADING PERMIT FEE

TYPE	QUANTITY	UNIT	UNIT PRICE	Permit Fee
Total Earthwork	0	C.Y.	n/a	

STORM DRAIN SYSTEM (non-RCFC)

TYPE	QUANTITY	UNIT	UNIT PRICE	TOTAL
18" Reinforced Concrete Pipe	0	L.F.	113.00	0
24" Reinforced Concrete Pipe	0	L.F.	132.00	0
30" Reinforced Concrete Pipe	0	L.F.	153.00	0
36" Reinforced Concrete Pipe	0	L.F.	178.00	0
42" Reinforced Concrete Pipe	0	L.F.	204.00	0
48" Reinforced Concrete Pipe	0	L.F.	235.00	0
54" Reinforced Concrete Pipe	0	L.F.	266.00	0
60" Reinforced Concrete Pipe	0	L.F.	301.00	0
Manhole No. 1	0	EA.	4000.00	0
Manhole No. 2	0	EA.	5000.00	0
Manhole No. 3	0	EA.	5700.00	0
Manhole No. 4	0	EA.	6500.00	0
Catch Basin	0	EA.	4000.00	0
Transition Structure	0	EA.	2500.00	0
Inlet Structure (drop)	0	EA.	1500.00	0
Junction Structure	0	EA.	4500.00	0
Headwall	0	EA.	5000.00	0
Rip Rap	0	TON	40.00	0
Parkway Drain	0	EA.	2000.00	0
Removal/Relocation- Catch Basin	0	EA.	4000.00	0
Outlet Structure	0	EA.	5000.00	0
Concrete Collar (to 48")	0	EA.	1100.00	0
Concrete Pipe Slope Anchor	0	EA.	1500.00	0
Reinforced Concrete Structure	0	C.Y.	400.00	0
"V" Gutter	0	S.F.	7.00	0
Additional Item	0	?	0.00	0
Additional Item	0	?	0.00	0
Additional Item	0	?	0.00	0
Additional Item	0	?	0.00	0
Additional Item	0	?	0.00	0
SUBTOTAL:				0

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WATER SYSTEM*

TYPE	QUANTITY	UNIT	UNIT PRICE	TOTAL
16" Water Pipe	0	L.F.	113.00	0
12" Water Pipe	0	L.F.	132.00	0
10" Water Pipe	0	L.F.	153.00	0
8" Water Pipe	0	L.F.	178.00	0
6" Water Pipe	0	L.F.	204.00	0
4" Water Pipe	0	L.F.	235.00	0
16" Gate Valve	0	EA.	266.00	0
12" Gate Valve	0	EA.	301.00	0
10" Gate Valve	0	EA.		0
8" Gate Valve	0	EA.	4000.00	0
6" Gate Valve	0	EA.	5000.00	0
4" Gate Valve	0	EA.	5700.00	0
16" Butterfly Valve	0	EA.	6500.00	0
12" Butterfly Valve	0	EA.		0
8" Butterfly Valve	0	EA.	4000.00	0
6" Butterfly Valve	0	EA.	2500.00	0
4" Butterfly Valve	0	EA.	1500.00	0
6" Fire Hydrants	0	EA.	4500.00	0
6" Super Fire Hydrants	0	EA.	5000.00	0
Misc. Fittings (Tees, Crosses, Etc.) L/S			40.00	
4"	0	EA.	2000.00	0
6"	0	EA.	4000.00	0
8"	0	EA.	5000.00	0
10"	0	EA.	1100.00	0
12"	0	EA.	1500.00	0
Blow Off 6"	0	EA.	400.00	0
Blow Off 4"	0	EA.	7.00	0
Air Vac & Release 2"	0	EA.	2,000.00	0
Air Vac & Release 1"	0	EA.	1,800.00	0
Meter 2" W/O Service	0	EA.	350.00	0
Meter 1 1/2" W/O Service	0	EA.	270.00	0
Meter 1" W/O Service	0	EA.	150.00	0
Meter 5/8" W/O Service	0	EA.	80.00	0
Service Connections 2"	0	EA.	1,300.00	0
Service Connections 1 1/2"	0	EA.	1,100.00	0
Service Connections 1"	0	EA.	350.00	0
Hot Tap 8"	0	EA.	5,000.00	0
Hot Tap Water Service	0	EA.	330.00	0
Jack & Bore	0	L.F.	300.00	0
Joint at Existing 8"	0	EA.	650.00	0
Additional Item	0	?	0.00	0
Additional Item	0	?	0.00	0
Additional Item	0	?	0.00	0
Additional Item	0	?	0.00	0

SUBTOTAL: 0

*MJPA does not charge a lump sum fee for WMWD water facilities
Revised February 2013

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PREPARED BY: **XX**

SEWER SYSTEM*

TYPE	QUANTITY	UNIT	UNIT PRICE	TOTAL
36" V.C. Pipe	0	L.F.	125.00	0
33" V.C. Pipe	0	L.F.	120.00	0
30" V.C. Pipe	0	L.F.	115.00	0
27" V.C. Pipe	0	L.F.	110.00	0
24" V.C. Pipe	0	L.F.	100.00	0
21" V.C. Pipe	0	L.F.	90.00	0
18" V.C. Pipe	0	L.F.	80.00	0
15" V.C. Pipe	0	L.F.	70.00	0
12" V.C. Pipe	0	L.F.	60.00	0
10" V.C. Pipe	0	L.F.	50.00	0
8" V.C. Pipe	0	L.F.	45.00	0
6" V.C. Pipe	0	L.F.	40.00	0
4" V.C. Pipe	0	L.F.	30.00	0
15" Pipe Plastic Solid Wall	0	L.F.	50.00	0
12" Pipe Plastic Solid Wall	0	L.F.	45.00	0
10" Pipe Plastic Solid Wall	0	L.F.	40.00	0
8" Pipe Plastic Solid Wall	0	L.F.	35.00	0
6" Pipe Plastic Solid Wall	0	L.F.	25.00	0
4" Pipe Plastic Solid Wall	0	L.F.	15.00	0
Standard Manhole 48"	0	EA.	3,000.00	0
Standard Manhole 48" Extra Depth	0	EA.	3,500.00	0
Standard Manhole 60"	0	EA.	3,500.00	0
Shallow Manhole	0	EA.	2,000.00	0
Tie Into Existing Manhole	0	EA.	1,000.00	0
Raise Manhole to Grade	0	EA.	225.00	0
Rechannel Existing Manhole	0	EA.	1,200.00	0
Join Existing 8" Pipe	0	EA.	400.00	0
Join Existing 12" Pipe	0	EA.	600.00	0
4" Lateral and Clean-out	0	EA.	600.00	0
Wyes	0	EA.	90.00	0
Pavement Replacement	0	S.F.	4.00	0
Concrete Encasement	0	L.F.	20.00	0
TV Sewer	0	L.F.	0.50	0
Additional Item	0	?	0.00	0
Additional Item	0	?	0.00	0
Additional Item	0	?	0.00	0
Additional Item	0	?	0.00	0
SUBTOTAL:				0

*MJPA does not charge a lump sum fee for WMWD sewer facilities

**MARCH JOINT POWERS AUTHORITY
ENGINEERING DEPARTMENT
PLAN CHECK FEE CALCULATION**

PROJECT: **Tract/CUP/Other**

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PREPARED BY: **XX**

Note: If water & sewer facilities belong to WMWD, no fee is charged. If private lines, 2.2% rate is applied

IMPROVEMENT TYPE:

	PC Fee Rate	Cost	PC Fee
ROADWORK:	2.20%	\$0	\$0
STORM DRAIN:	2.20%	\$0	\$0
WATER SYSTEM:	2.20%	\$0	\$0
SEWER SYSTEM:	2.20%	\$0	\$0
GRADING PERMIT:	n/a	\$0	\$0
Total Cost:		\$0	\$0

**NOTES: THIS WORKSHEET IS FOR PUBLIC IMPROVEMENTS ONLY.
FOR PRIVATE IMPROVEMENTS (PARKING LOT, PRIVATE UTILITIES, ETC.)
PLEASE USE THE PRIVATE IMPROVEMENTS WORKSHEET**

**THIS WORKSHEET IS ONLY FOR CALCULATING PLAN CHECK FEES.
AT THE TIME OF PLAN APPROVAL, A SEPARATE WORK SHEET
SHALL BE PREPARED FOR CALCULATION OF INSPECTION FEES**