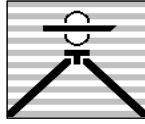


**MOUNTAIN VALLEY METROPOLITAN DISTRICT**



**DREXEL BARRELL & Co.**  
 Engineers - Surveyors  
 FAX 719-260-8352  
 PHONE 719-260-0887

**PROJECT NAME:** Mountain Valley Preserve      **DATE:** 7/27/2016  
**DRAWING NUMBER:**  
**DRAWING DATE:**  
**PROJECT NUMBER:** 20534-04CSCV      **CALC. BY:** GES

PRELIMINARY ESTIMATED OF DISTRICT EXPENDITURES

NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	COST
<b>WATER SYSTEM</b>					
1	Water line (12")	LF	3400	\$50.00	\$ 170,000
2	Water line (8")	LF	2600	\$35.00	\$ 91,000
3	Fire Hydrants	EA	15	\$3,500.00	\$ 52,500
<b>WATER SYSTEM</b>					<b>\$ 313,500</b>
<b>SANITARY SEWER SYSTEM</b>					
1	Sanitary Sewer (8")	LF	5764	\$45.00	\$ 259,380
2	Manholes	EA	21	\$3,500.00	\$ 73,500
<b>SANITARY SEWER SYSTEM</b>					<b>\$ 332,880</b>
<b>STORM DRAIN FACILITIES</b>					
1	18" RCP	LF	500	\$40.00	\$ 20,000
2	24" RCP	LF	1150	\$45.00	\$ 51,750
3	30" RCP	LF	60	\$55.00	\$ 3,300
4	36" RCP	LF	220	\$80.00	\$ 17,600
5	42" RCP	LF	200	\$100.00	\$ 20,000
6	48" RCP	LF	525	\$130.00	\$ 68,250
7	14'x4' CBC	LF	60	\$800.00	\$ 48,000
8	CBC WINGWALLS/HEADWALLS	EA	4	\$10,000.00	\$ 40,000
9	18" RCP FES	EA	3	\$500.00	\$ 1,500
10	24" RCP FES	EA	6	\$750.00	\$ 4,500
11	36" RCP FES	EA	1	\$1,800.00	\$ 1,800
12	48" RCP FES	EA	1	\$2,500.00	\$ 2,500
13	48" RCP BEND	EA	3	\$1,500.00	\$ 4,500
14	TYPE II MH	EA	2	\$4,000.00	\$ 8,000
15	5' TYPE R INLET	EA	11	\$4,000.00	\$ 44,000
16	10' TYPE R INLET	EA	1	\$6,000.00	\$ 6,000
17	20' TYPE R INLET	EA	1	\$15,000.00	\$ 15,000
18	POND W/ FOREBAY, OUTLET, ETC.	EA	2	\$50,000.00	\$ 100,000
19	RIP-RAP	TON	2660	\$40.00	\$ 106,400
<b>STORM DRAIN FACILITIES TOTAL</b>					<b>\$ 563,100</b>
<b>STREET IMPROVEMENTS</b>					
1	Residential Streets	LF	4805	\$275.00	\$ 1,321,375
2	Collector Streets	LF	835	\$300.00	\$ 250,500
3	Curb & Gutter	LF	11178	\$15.00	\$ 167,670
4	Sidewalk	SF	52275	\$3.50	\$ 182,963
<b>STREET IMPROVEMENTS TOTAL</b>					<b>\$ 1,922,508</b>
<b>PARKS AND OPEN SPACE</b>					
1	Trails	LF	5400	\$15.00	\$ 81,000
2	Fencing	LF	6450	\$25.00	\$ 161,250
<b>PARKS AND OPEN SPACE TOTAL</b>					<b>\$ 242,250</b>

**MOUNTAIN VALLEY METROPOLITAN DISTRICT**

<b>NO.</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>UNIT PRICE</b>	<b>COST</b>
<b>EARTHWORK</b>					
1	Excavation	CY	263530	\$2.50	\$ 658,825
2	Embankment	CY	250225	\$2.50	\$ 625,563
<b>EARTHWORK TOTAL</b>					<b>\$ 1,284,388</b>
<b>OFFSITE IMPROVEMENTS</b>					
1	Marksheffel Widening	SF	10410	\$25.00	\$ 260,250
2	Water Line (12")	LF	762	\$60.00	\$ 45,720
3	Water Line (8")	LF	300	\$35.00	\$ 10,500
4	Sanitary Sewer (8")	LF	336	\$45.00	\$ 15,120
<b>OFFSITE IMPROVEMENTS TOTAL</b>					<b>\$ 331,590</b>
<b>TOTAL COST OF IMPROVEMENTS</b>					
SUBTOTAL OF IMPROVEMENTS					\$ 4,990,215
10% SURCHARGE/CONTINGENCY					10% \$ 499,022
5% DESIGN & SURVEY					5% \$ 249,511
1.5% INSPECTION FEES					1.50% \$ 74,853
<b>TOTAL IMPROVEMENTS ASSURANCE</b>					<b>\$ 5,813,600</b>