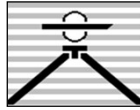


**WINDERMERE METRO DISTRICT  
ENGINEER'S  
SIA OPINION OF PROBABLE COST  
FOR EL PASO COUNTRY**



**DREXEL BARRELL & Co.**  
Engineers - Surveyors  
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**PROJECT NAME:**  
Windermere Metro District

**DATE:** 4/19/2019

**PROJECT NUMBER:** 21187-01

**CALC. BY:** TDM

NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	COST
<b>PUBLIC WATER IMPROVEMENTS</b>					
1	MOBILIZATION	LS	1	\$20,000.00	\$ 20,000
2	8" PVC WATER LINE	LF	8,558	\$30.00	\$ 256,740
3	8" BENDS	EA	22	\$500.00	\$ 11,000
4	8" VALVE & BOX	EA	3	\$1,750.00	\$ 5,250
5	8"X 8" TEE	EA	21	\$600.00	\$ 12,600
6	8" CROSS	EA	2	\$700.00	\$ 1,400
7	8" PLUG & BOV	EA	3	\$2,500.00	\$ 7,500
8	FIRE HYDRANT ASSEMBLY	EA	16	\$4,500.00	\$ 72,000
9	CONNECT TO EXISTING WATER	EA	3	\$5,000.00	\$ 15,000
10	7% Engineering/Const Contingency				\$ 28,104
	<b>PUBLIC WATER IMPROVEMENTS SUBTOTAL</b>				<b>\$ 429,594</b>
<b>PUBLIC STORM SEWER IMPROVEMENTS</b>					
1	MOBILIZATION	LS	1	\$20,000.00	\$ 20,000
2	24" RCP STORM SEWER	LF	1,155	\$70.00	\$ 80,850
3	36" RCP STORM SEWER	LF	1,786	\$120.00	\$ 214,327
4	48" RCP STORM SEWER	LF	329	\$190.00	\$ 62,516
5	24"-45 DEGREE BEND	EA	1	\$600.00	\$ 600
6	36"-45 DEGREE BEND	EA	6	\$900.00	\$ 5,400
7	48"-45 DEGREE BEND	EA	1	\$1,500.00	\$ 1,500
8	TYPE 2 5' DIA. MANHOLE	EA	4	\$7,000.00	\$ 28,000
9	10' D-10-R CURB INLET	EA	17	\$8,000.00	\$ 136,000
10	NORTH POND	LS	1	\$250,000.00	\$ 250,000
11	SOUTH POND	LS	1	\$100,000.00	\$ 100,000
12	7% Engineering/Const Contingency			\$0.07	\$ 62,944
	<b>PUBLIC STORM SEWER IMPROVEMENTS SUBTOTAL</b>				<b>\$ 962,136</b>
<b>PUBLIC SANITARY SEWER IMPROVEMENTS</b>					
1	MOBILIZATION	LS	1	\$20,000.00	\$ 20,000
2	8" SDR 35 PVC SANITARY SEWER	LF	7,702	\$35.00	\$ 269,570
3	STD. 4' DIA. SANITARY MANHOLE	EA	26	\$4,000.00	\$ 104,000
4	CONNECT TO EXISTING SEWER	EA	1	\$2,500.00	\$ 2,500
5	PIPELINE PRESSURE TESTING	LF	7,702	\$0.50	\$ 3,851
6	MANHOLE VACUUM TESTING	EA	26	\$400.00	\$ 10,400
7	VIDEO INSPECTIONS	LF	7,702	\$1.50	\$ 11,553
8	VIDEO INSPECTION MOBILIZATION	LS	1	\$400.00	\$ 400
9	7% Engineering/Const Contingency				\$ 29,559
	<b>PUBLIC SANITARY SEWER IMPROVEMENTS SUBTOTAL</b>				<b>\$ 451,833</b>
<b>STREET IMPROVEMENTS</b>					
1	MOBILIZATION	LS	1	\$20,000.00	\$ 20,000
2	SUBGRADE PREP	SY	32,563	\$1.50	\$ 48,845
3	9" ABC	SY	32,563	\$12.00	\$ 390,756
4	4" HBP	TON	8,015	\$90.00	\$ 721,384
5	TYPE 1 CURB AND GUTTER	LF	15,630	\$30.00	\$ 468,900
6	5' CONC WALK, 5" THICK	SF	78,150	\$5.00	\$ 390,750
7	PEDESTRIAN RAMP	EA	49	\$1,500.00	\$ 73,500
8	TYP. STREET SIGN	EA	13	\$500.00	\$ 6,500
9	TRAFFIC SIGNAL	EA	1	\$350,000.00	\$ 350,000
10	8' CONC CROSS PAN	EA	9	\$4,000.00	\$ 36,000
11	MULTIPURPOSE TRAIL / SIDEWALK	LS	7,200	\$35.00	\$ 252,000
12	STRIPING	LS	1	\$10,000.00	\$ 10,000
13	7% Engineering/Const Contingency	LS		\$0.07	\$ 193,104
	<b>PUBLIC SURFACE IMPROVEMENTS SUBTOTAL</b>				<b>\$ 2,961,739</b>

**WINDERMERE METRO DISTRICT  
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SIA OPINION OF PROBABLE COST  
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NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	COST
<b>EROSION CONTROL</b>					
1	MOBILIZATION	LS	1	\$20,000.00	\$ 20,000
2	CLEAR AND GRUB	AC	55	\$2,500.00	\$ 137,500
3	EARTHWORK CUT & FILL	CY	150,000	\$4.00	\$ 600,000
4	VEHICLE TRACKING CONTROL	EA	3	\$2,500.00	\$ 7,500
5	SILT FENCE	LF	3,470	\$4.00	\$ 13,880
6	EROSION BALES	EA	100	\$25.00	\$ 2,500
7	INLET PROTECTION	EA	17	\$175.00	\$ 2,975
8	SEDIMENT BASIN	EA	3	\$2,000.00	\$ 6,000
9	RETAINING WALLS	SF	10,000	\$30.00	\$ 300,000
10	CONCRETE WASHOUT BASIN	EA	1	\$1,000.00	\$ 1,000
11	SEED & MULCH	AC	\$ 55	\$20.00	\$ 1,100
12	7% Engineering/Const Contingency	AC		\$0.07	\$ 76,472
<b>EROSION CONTROL SUBTOTAL</b>					<b>\$ 1,168,927</b>
<b>PARKS/OPEN SPACE/LANDSCAPING/ IRRIGATION</b>					
1	LANDSCAPE & IRRIGATION	SF	427,223	\$2.00	\$ 854,446
2	PARKS/PLAYGROUND EQUIPMENT	LS	1	\$125,000.00	\$ 125,000
3	CONCRETE SPLIT 3 RAIL FENCING	LS	1700	\$22.00	\$ 37,400
4	CONCRETE SLOT WALL FENCING	LS	4730	\$70.00	\$ 331,100
5	MONUMENT SUBDIVISION ENTRANCE	LS	1	\$75,000.00	\$ 75,000
6	PARKS/OPEN SPACE (OTHER)	LS	1	\$500,000.00	\$ 500,000
7	7% Engineering/Const Contingency	LS		\$0.07	\$ 99,606
<b>LANDSCAPE SUBTOTAL</b>					<b>\$ 2,022,552</b>
<b>TOTAL ESTIMATED COST OF PUBLIC IMPROVEMENTS</b>					
SUBTOTAL OF IMPROVEMENTS					\$ 7,996,782
10% DESIGN					10% \$ 799,678
3% SURVEY					3% \$ 239,903
3% MATERIAL TESTING					3% \$ 239,903
1.5% INSPECTION FEES					1.5% \$ 119,952
<b>TOTAL ESTIMATED COST OF PUBLIC IMPROVEMENT</b>					<b>\$ 9,396,219</b>

**Disclaimer:**

This Opinion of Probable Cost is based on construction unit pricing in the Fountain, Colorado area and previous project experience as of 2019. This Opinion of Probable Cost does not provide any guarantees for actual construction costs. Actual construction costs will vary due to market conditions, individual contractors, material costs, bid conditions, and other factors that are not within the control of the Engineer.

Prepared for and on the Behalf of:  
**Drexel, Barrell & Co.**



Tim D. McConnell, Colorado P.E. #33797