

Doucet & Associates, Inc.	Date:	8/12/2016
7401 B Hwy 71 W., Suite 160	Client Name:	St. Croix
Austin, Texas 78735 (512) 583-2600	Project Name:	Falconhead at Vale Divide
	D&A #:	1193-002

Falconhead at Vale Divide Opinion of Probable Costs

Item	Quantity	Unit	Unit Cost	Total
SITE WORK				
Mobilization	1	LS	\$ 18,000.00	\$ 18,000.00
Stabilized Construction Entrance	1	EA	\$ 1,800.00	\$ 1,800.00
Roadway Clearing and Grubbing	0.85	ACRES	\$ 1,500.00	\$ 1,270.00
Silt Fence	2296	LF	\$ 2.75	\$ 6,310.00
Rock Berm	113	LF	\$ 25.00	\$ 2,830.00
Tree Protection	1954	LF	\$ 7.00	\$ 13,680.00
Standard Inlet Protection	4	EA	\$ 120.00	\$ 480.00
Rock Cut	4893	CY	\$ 5.50	\$ 26,910.00
Excavation	11946	CY	\$ 4.70	\$ 56,150.00
Fill	17284	CY	\$ 3.25	\$ 56,170.00
Landscaping	1	LS	\$ 40,000.00	\$ 40,000.00
SITE WORK SUBTOTAL			\$	223,600.00
UTILITIES				
Water Improvements				
Wet Connection	2	EA	\$ 2,000.00	\$ 4,000.00
Pipe, 2-inch, (Services)	171	LF	\$ 30.00	\$ 5,130.00
Pipe, 6-inch, (Fire Line Laterals)	74	LF	\$ 30.00	\$ 2,205.00
Pipe, 8-inch	547	LF	\$ 36.00	\$ 19,692.00
Pipe, 12-inch	462	LF	\$ 50.00	\$ 23,100.00
Water Trench Protection	1254	LF	\$ 1.50	\$ 1,880.25
Fire Hydrant	3	EA	\$ 3,788.44	\$ 11,365.32
Gate Valve, 12-inch	2	EA	\$ 2,215.08	\$ 4,430.16
Gate Valve, 8-inch	2	EA	\$ 1,313.93	\$ 2,627.86
Gate Valve, 2-inch	6	EA	\$ 350.00	\$ 2,100.00
Gate Valve, 1-inch	6	EA	\$ 275.00	\$ 1,650.00
Domestic Water Meter	3	EA	\$ 1,900.00	\$ 5,700.00
Irrigation Water Meter	3	EA	\$ 1,900.00	\$ 5,700.00
12"x8" Tapping Sleeve	1	EA	\$ 1,900.00	\$ 1,900.00
12"x8" Tee	1	EA	\$ 750.00	\$ 750.00
8" 22.5 Degree Bend	2	EA	\$ 450.00	\$ 900.00
8" 45 Degree Bend	4	EA	\$ 500.00	\$ 2,000.00
8"x6" Tee	3	EA	\$ 650.00	\$ 1,950.00
8"x4" Tee	3	EA	\$ 600.00	\$ 1,800.00
4" Cap	3	EA	\$ 200.00	\$ 600.00
12" Plug	1	EA	\$ 350.00	\$ 350.00
Wastewater Improvements				
6" PVC SDR-26	167	LF	\$ 30.00	\$ 5,010.00
8" PVC SDR-26	402	LF	\$ 40.00	\$ 16,080.00
Wastewater Trench Protection	569	LF	\$ 1.50	\$ 853.50
6" Cap	3	EA	\$ 300.00	\$ 900.00
48" Wastewater Manhole	3	EA	\$ 4,400.00	\$ 13,200.00
Dry Utility Improvements				
Junction Box	1	EA	\$ 5,000.00	\$ 5,000.00
Electric Service	275	LF	\$ 30.00	\$ 8,250.00
UTILITIES SUBTOTAL			\$	149,100.00

PAVING & DRAINAGE						
Subgrade Prep -	4100	SY	\$	2.10	\$	8,610.00
Flexible base (Onsite)	3332	SY	\$	8.00	\$	26,657.76
Medium Duty Concrete Pavement (Onsite)	3002	SY	\$	50.00	\$	150,100.00
Flexible base (Offsite)	362	SY	\$	10.00	\$	3,618.60
Heavy Duty HMA (Offsite)	326	SY	\$	11.50	\$	3,749.00
Curb and Gutter	1138	LF	\$	14.00	\$	15,932.00
Signs	5	EA	\$	500.00	\$	2,500.00
Striping	2	EA	\$	200.00	\$	400.00
Temporary Street Barricades	4	EA	\$	900.00	\$	3,600.00
5' Sidewalk	680	LF	\$	26.00	\$	17,680.00
Sidewalk Drain	1	EA	\$	1,200.00	\$	1,200.00
Sidewalk ADA Detectable Warnings	3	EA	\$	1,100.00	\$	3,300.00
6' Chain Link Fence	533	LF	\$	28.00	\$	14,924.00
Structural Retaining Wall	2725	FF	\$	36.00	\$	98,100.00
10' Curb Inlet	1	EA	\$	3,500.00	\$	3,500.00
36x36 Grate Inlet	3	EA	\$	3,200.00	\$	9,600.00
PVC, 4-inch.	6	LF	\$	15.00	\$	90.00
PVC, 6-inch.	62	LF	\$	20.00	\$	1,240.00
SDR-35, 12-inch.	39	LF	\$	32.00	\$	1,248.00
RCP, 18-inch.	519	LF	\$	46.00	\$	23,874.00
RCP, 24-inch.	121	LF	\$	57.00	\$	6,897.00
Trench Safety	747	LF	\$	1.10	\$	820.00
3:1 S.E.T.	2	EA	\$	2,100.00	\$	4,200.00
6:1 S.E.T.	1	EA	\$	3,500.00	\$	3,500.00
Concrete Headwall	1	EA	\$	4,500.00	\$	4,500.00
48" Storm Manhole	1	EA	\$	3,500.00	\$	3,500.00
60" Storm Manhole	2	EA	\$	4,500.00	\$	9,000.00
48" Manhole (wet)	1	EA	\$	5,000.00	\$	5,000.00
Filter Pond Riser Pipe	1	EA	\$	2,500.00	\$	2,500.00
Rock Riprap	59	SY	\$	80.00	\$	4,720.00
WQ/Detention pond w/ splitter box, outfall, dissipators	1	LS	\$	190,000.00	\$	190,000.00
PAVING & DRAINAGE SUBTOTAL				\$		624,600.00
TOTAL:				\$		997,300.00



Vito Trupiano, P.E.
 Staff Engineer
 Doucet & Associates, Inc.
 TBPE Firm #3937
 State of Texas Surveying Firm Certification #10105800

