



Project Name: **Connector West Subdivision**
 Project Number: **16-0812**
 Owner: **F&D SHULTZ LTD PARTNERSHIP**
 Date: **February 22, 2017**
 Completed By/Reviewed By: **TTJ**

PROMISE ROAD EXTENSION SURETY ESTIMATE

827LF OF COLLECTOR LEVEL STREET AND UTILITIES

ENGINEER'S ESTIMATE OF PROBABLE CONSTRUCTION COST

ITEM NO.	DESCRIPTION OF ITEM	QUANTITY	UNIT	UNIT COST	EXTENDED TOTAL
GENERAL					
100	MOBILIZATION	1	LS	\$ 50,000.00	\$ 50,000.00
101	MATERIAL TESTING	1	LS	\$ 5,000.00	\$ 5,000.00
102	INCIDENTAL, REMOVALS	1	LS	\$ 10,000.00	\$ 10,000.00
103	CONSTRUCTION STAKING	1	LS	\$ 10,000.00	\$ 10,000.00
104	TRAFFIC CONTROL	1	LS	\$ 5,000.00	\$ 5,000.00
105	EROSION CONTROL	1	LS	\$ 4,000.00	\$ 4,000.00
STREET					
200	ASPHALT, CLASS G, TYPE 1 PG64-28 - 5"	915	TONS	\$ 90.00	\$ 82,350.00
201	BASE COURSE - 10"	2675	TONS	\$ 25.00	\$ 66,875.00
202	CONCRETE CURB & GUTTER, TYPE B	1580	LF	\$ 19.25	\$ 30,415.00
203	CONCRETE SIDEWALK, 4" NON-REINFORCED w/ 2" CUSHION	6	SY	\$ 75.00	\$ 450.00
204	CONCRETE SIDEWALK RAMP W/ DETECTABLE PANEL	2	EA	\$ 1,200.00	\$ 2,400.00
205	CONCRETE FILLET & PAN, 8" REINFORCED	37	SY	\$ 100.00	\$ 3,700.00
206	PAVEMENT MARKINGS	1	LS	\$ 5,500.00	\$ 5,500.00
207	SIGNAGE	1	LS	\$ 3,000.00	\$ 3,000.00
STORM					
300	TYPE E INLET	2	EA	\$ 11,000.00	\$ 22,000.00
301	TYPE B INLET	4	EA	\$ 3,500.00	\$ 14,000.00
302	18" RCP	28	LF	\$ 50.00	\$ 1,400.00
303	24" RCP	104	LF	\$ 60.00	\$ 6,240.00
304	48" RCP	205	LF	\$ 110.00	\$ 22,550.00
305	24" RCP FLARED END	2	EA	\$ 1,000.00	\$ 2,000.00
306	48" RCP FLARED END	1	EA	\$ 1,500.00	\$ 1,500.00
307	EDGE DRAIN	1690	LF	\$ 12.00	\$ 20,280.00
UTILITIES					
400	8" PVC WATER MAIN C-900, CLASS 150	851	LF	\$ 37.50	\$ 31,912.50
401	8" GATE VALVE W/BOX	3	EA	\$ 1,700.00	\$ 5,100.00
402	8" 11.25 DEGREE BEND	6	EA	\$ 800.00	\$ 4,800.00
403	CONNECT TO EXISTING SEWER MAIN	1	EA	\$ 2,500.00	\$ 2,500.00
404	FIRE HYDRANT ASSEMBLY	3	EA	\$ 5,500.00	\$ 16,500.00
405	6" PVC WATER SERVICE	2	EA	\$ 1,500.00	\$ 3,000.00
406	CONNECT TO EXISTING WATER MAIN	1	EA	\$ 2,000.00	\$ 2,000.00
407	CATHODIC PROTECTION	1	LS	\$ 6,500.00	\$ 6,500.00
408	48" DIAMETER MANHOLE	5	EA	\$ 4,500.00	\$ 22,500.00
409	8" PVC SEWER MAIN	812	LF	\$ 37.50	\$ 30,450.00
410	6" SANITARY SEWER SERVICE	2	EA	\$ 1,200.00	\$ 2,400.00



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	GRADING					
500	UNCLASSIFIED EXCAVATION	64475	CY	\$ 4.00	\$	257,900.00
501	TOPSOIL, STRIP / STOCKPILE & REPLACE (6")	2361	CY	\$ 3.50	\$	8,263.50
502	SEEDING, FERTILIZING & MULCHING	2.97	AC	\$ 3,000.00	\$	8,910.00
	STREET LIGHTING					
600	LED LUMINAIRE WITH 30' POLE & FOOTING	5	EA	\$ 6,000.00	\$	30,000.00
601	2" RIGID CONDUIT	850	LF	\$ 5.00	\$	4,250.00
602	COPPER WIRE, #6 AWG COPPER WIRE	850	LF	\$ 1.00	\$	850.00
	CONSTRUCTION SUBTOTAL				\$	806,496.00
	PROFESSIONAL SERVICES					
700	PLAT	1	LS	\$ 3,000.00	\$	3,000.00
701	ENGINEERING DESIGN @ 9% of Const Cost	1	LS	\$ 72,584.64	\$	72,584.64
	PROFESSIONAL SERVICES SUBTOTAL				\$	75,584.64
	CONSTRUCTION/PROFESSIONAL SERVICES				\$	882,080.64
	TOTAL SURETY W/CONTINGENCIES		125%		\$	1,102,600.80