

EXHIBIT "B"

EAST PFLUGERVILLE PARKWAY - ROADWAY WIDENING PRELIMINARY ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS

Item No.	Quantity	Unit	Description of Item	Bid Unit Price	Total Bid Cost
A. GENERAL ITEMS					
1.	1	LS	SITE PREPERATION, INCLUDING MOBILIZATION, CLEARING AND GRUBBING, STRIPPING AND DISPOSAL OF MATERIALS - LUMP SUM, COMPLETE	\$ 115,000.00	\$ 115,000.00
2.	3229	SY	REMOVE ASPHALT PAVEMENT - SQUARE YARD, COMPLETE	\$ 5.00	\$ 16,145.00
3.	173	LF	REMOVE CURB AND GUTTER - LINEAR FEET, COMPLETE	\$ 10.00	\$ 1,730.00
4.	1	LS	BARRICADES, SIGNAGE, AND TRAFFIC CONTROL - LUMP SUM, COMPLETE	\$ 21,000.00	\$ 21,000.00
CLEARING AND GRUBBING ITEMS SUBTOTAL				\$	153,875.00
B. WATER ITEMS					
5.	6	EA	ADJUST WATER VALVE BOXES TO GRADE - PER EACH, COMPLETE IN PLACE	\$ 500.00	\$ 3,000.00
WATER ITEMS SUBTOTAL				\$	3,000.00
C. DRAINAGE ITEMS					
6.	865	LF	18" DIA. RCP CL-III STM (ALL DEPTHS) - PER LINEAR FOOT, INCLUDING EXCAVATION AND SELECT BACKFILL, COMPLETE IN PLACE	\$ 50.00	\$ 43,250.00
7.	465	LF	24" DIA. RCP CL-III STM (ALL DEPTHS) - PER LINEAR FOOT, INCLUDING EXCAVATION AND SELECT BACKFILL, COMPLETE IN PLACE	\$ 60.00	\$ 27,900.00
8.	1	EA	HEADWALL WITH WINGWALLS, 24" DIA. PIPE OUTFALL - PER EACH, WITH ENERGY DISSIPATORS AND ROCK RIP-RAP, COMPLETE IN PLACE	\$ 2,500.00	\$ 2,500.00
9.	4	EA	10' CURB INLET - PER EACH, COMPLETE IN PLACE	\$ 4,000.00	\$ 16,000.00
10.	2	EA	STANDARD STORMWATER MANHOLE, 5 FOOT DIA. - PER EACH, COMPLETE IN PLACE	\$ 4,500.00	\$ 9,000.00
11.	2	EA	ADJUST MANHOLE CASTINGS TO GRADE - PER EACH, COMPLETE IN PLACE	\$ 500.00	\$ 1,000.00
12.	1	LS	ADJUST EXISTING DROP INLET - LUMP SUM, COMPLETE IN PLACE	\$ 10,000.00	\$ 10,000.00

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13.	1	LS	DESIGN OF TRENCH SAFETY - LUMP SUM, COMPLETE	\$ 1,000.00	\$ 1,000.00
14.	0	LS	HEADWALL AND CULVERT DEMOLITION AND RELOCATION, - LUMP SUM, COMPLETE IN PLACE - NEED - 2-36" RCP X 100 LF	\$ 32,500.00	\$ 0.00
15.	0	LS	HEADWALL AND CULVERT DEMOLITION AND RELOCATION, - LUMP SUM, COMPLETE IN PLACE - NEED - 36" RCP X 50 LF	\$ 5,000.00	\$ 0.00
16.	1,330	LF	TRENCH SAFETY SYSTEM, - PER LINEAR FOOT, COMPLETE IN PLACE	\$ 2.00	\$ 2,660.00
DRAINAGE ITEMS SUBTOTAL				\$	113,310.00
D. EARTHWORK ITEMS					
17.	5,313	CY	ROADWAY EXCAVATION - PER CUBIC YARD, COMPLETE IN PLACE	\$ 15.00	\$ 79,695.00
18.	5,313	CY	HAULING OF EXCESS SPOILS TO DESIGNATED SPOILS SITE, INCLUDING SPREADING AND COMPACTING OF FILL - PER CUBIC YARD, COMPLETE IN PLACE	\$ 8.00	\$ 42,504.00
EARTHWORK ITEMS SUBTOTAL				\$	122,199.00
E. ENVIRONMENTAL ITEMS					
19.	6	EA	STABILIZED CONSTRUCTION ENTRANCE - PER EACH, COMPLETE IN PLACE	\$ 1,500.00	\$ 9,000.00
20.	3,462	SY	REVEGETATION OF STREET ROW AND SPOILS AREA - PER SQUARE YARD, COMPLETE IN PLACE	\$ 2.50	\$ 8,655.00
21.	3,490	LF	REINFORCED FILTER FABRIC FENCE INCLUDING J-HOOKS, - PER LINEAR FOOT, COMPLETE IN PLACE	\$ 2.50	\$ 8,725.00
22.	120	LF	ROCK BERM, PER LINEAR FOOT, COMPLETE IN PLACE	\$ 25.00	\$ 3,000.00
23.	5	EA	TYPE II 10' CURB INLET PROTECTION BARRIER - PER EACH, COMPLETE IN PLACE	\$ 75.00	\$ 375.00
24.	500	SY	CURLEX MATTING FOR SWALE BOTTOMS - PER SQUARE YARD, COMPLETE IN PLACE	\$ 2.00	\$ 1,000.00
ENVIRONMENTAL ITEMS SUBTOTAL				\$	30,755.00
F. PAVING ITEMS					

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25.	11,015	SY	8-INCH LIME SUBGRADE PREPARATION (7% DRY WEIGHT) - PER SQUARE YARD, COMPLETE IN PLACE	\$ 10.00	\$ 110,150.00
26.	11,015	SY	15-INCH FLEXIBLE BASE -- PER SQUARE YARD, COMPLETE IN PLACE	\$ 13.00	\$ 143,195.00
27.	8,766	SY	2.5-INCH HOT MIX ASPHALT CONCRETE PAVEMENT, TYPE C -- PER SQUARE YARD, COMPLETE IN PLACE	\$ 16.50	\$ 144,639.00
28.	4,645	LF	6" CONCRETE CURB AND GUTTER - PER LINEAR FOOT, COMPLETE IN PLACE	\$ 12.00	\$ 55,740.00
29.	1	LS	FINAL ROW GRADING - PER LUMP SUM, COMPLETE IN PLACE	\$ 10,000.00	\$ 10,000.00
30.	1,350	LF	10' CONCRETE HIKE AND BIKE TRAIL, 4 INCH - PER LINEAR FOOT, COMPLETE IN PLACE	\$ 40.00	\$ 54,000.00
31.	2	EA	SIDEWALK CURB RAMP (10-FOOT WIDE), TYPE 1B - PER EACH, COMPLETE IN PLACE	\$ 1,000.00	\$ 2,000.00
PAVING ITEMS SUBTOTAL				\$	519,724.00
G. MISCELLANEOUS ITEMS					
32.	1500	LF	4" DIA. SCH 40 PVC (ALL DEPTHS) - PER LINEAR FOOT, COMPLETE IN PLACE	\$ 20.00	\$ 30,000.00
33.	200	LF	6" DIA. SCH 40 PVC (ALL DEPTHS) - PER LINEAR FOOT, COMPLETE IN PLACE	\$ 25.00	\$ 5,000.00
34.	1	LS	THERMOPLASTIC STRIPING (CROSSWALKS, STOP BARS, LANE LINES, ETC.) - PER LUMP SUM, COMPLETE IN PLACE	\$ 20,000.00	\$ 20,000.00
35.	0	EA	PULL BOXES (TYPE-D WITH APRON), -PER EACH, COMPLETE IN PLACE	\$ 750.00	\$ 0.00
36.	0	VF	DRILL SHAFT, (TRF SIGNAL) (42-INCH)- PER VERTICAL FOOT, COMPLETE IN PLACE	\$ 100.00	\$ 0.00
37.	20	EA	TRAFFIC SIGNS, (MISCELLANEOUS SIGNS) - PER EACH, COMPLETE IN PLACE	\$ 450.00	\$ 9,000.00

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Item No.	Quantity	Unit	Description of Item	Bid Unit Price	Total Bid Cost
			MISCELLANEOUS ITEMS SUBTOTAL	\$	<u>64,000.00</u>
A.			GENERAL ITEMS	\$	<u>153,875.00</u>
B.			WATER ITEMS	\$	<u>3,000.00</u>
C.			DRAINAGE ITEMS	\$	<u>113,310.00</u>
D.			EARTHWORK ITEMS	\$	<u>122,199.00</u>
E.			ENVIRONMENTAL ITEMS	\$	<u>30,755.00</u>
F.			PAVING ITEMS	\$	<u>519,724.00</u>
G.			MISCELLANEOUS ITEMS	\$	<u>64,000.00</u>
			CONSTRUCTION ITEMS SUBTOTAL (ITEMS A to G)	\$	<u>1,006,863.00</u>
H.			PERFORMANCE AND PAYMENT BOND (3%)	\$	<u>30,205.89</u>
I.			ENGINEERING AND SURVEY (ESTIMATE)	\$	<u>151,029.45</u>
J.			CONTINGENCY (12%)	\$	<u>120,823.56</u>
			TOTAL COST ESTIMATE (ITEMS A to J)	\$	<u>1,308,921.90</u>