

19th and Louisiana - Minor Improvements
Opinion of Probable Project Costs
BG Consultants, Inc. Project #05-035L
November 18, 2005

Minor Improvement #1: Increase Radius on Southeast corner.

<u>No.</u>	<u>Description</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Total Price</u>
1.	Clearing and Grubbing	1	L.S.	\$ 2,000.00	\$ 2,000.00
2.	Removal of Existing Structures	1	L.S.	\$ 12,000.00	\$ 12,000.00
3.	Unclassified Excavation	200	C.Y.	\$ 15.00	\$ 3,000.00
4.	Type B Compaction (MR-90)	100	C.Y.	\$ 5.00	\$ 500.00
5.	6" AB-3 Base	85	S.Y.	\$ 10.00	\$ 850.00
6.	8" Concrete Pavement for Widening (A.E.)	65	S.Y.	\$ 75.00	\$ 4,875.00
7.	2" Asphalt Overlay (BM-2)	20	Tons	\$ 65.00	\$ 1,300.00
8.	Concrete Curb and Gutter (A.E.)	90	L.F.	\$ 20.00	\$ 1,800.00
9.	Concrete Sidewalk (4")(A.E.)	75	S.Y.	\$ 35.00	\$ 2,625.00
10.	Access Ramp	1	Each	\$ 1,500.00	\$ 1,500.00
11.	Relocation of Traffic Signal Pole	1	L.S.	\$ 25,000.00	\$ 25,000.00
12.	Relocate Fire Hydrant	1	Each	\$ 1,500.00	\$ 1,500.00
13.	Retaining Wall	160	S.F.	\$ 50.00	\$ 8,000.00
14.	Traffic Control	1	L.S.	\$ 7,500.00	\$ 7,500.00
15.	Construction Staking	1	L.S.	\$ 2,000.00	\$ 2,000.00
16.	Seeding, Fertilizing and Mulching	1	L.S.	\$ 500.00	\$ 500.00
17.	Mobilization	1	L.S.	\$ 7,500.00	\$ 7,500.00
Construction Subtotal =					\$ 82,450.00
+10% Contingency =					\$ 8,245.00
+ Engineering Design and Inspection =					\$ 20,613.00
Project Total =					\$ 111,308.00

Notes: 1. Right of Way and Easement acquisition have not been included.
2. Utility relocations have not been included.

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Minor Improvement #2: Widen 19th Street to the East of Louisiana. Estimate includes 2" mill and overlay from Louisiana to Tennessee, pavement markings and new sidewalk on the south side of 19th Street.

<u>No.</u>	<u>Description</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Total Price</u>
1.	Clearing and Grubbing	1	L.S.	\$ 2,000.00	\$ 2,000.00
2.	Removal of Existing Structures	1	L.S.	\$ 10,000.00	\$ 10,000.00
3.	Unclassified Excavation	350	C.Y.	\$ 12.00	\$ 4,200.00
4.	Type B Compaction (MR-90)	150	C.Y.	\$ 5.00	\$ 750.00
5.	Milling	2,510	S.Y.	\$ 3.00	\$ 7,530.00
6.	6" AB-3 Base	350	S.Y.	\$ 10.00	\$ 3,500.00
7.	8" Concrete Pavement for Widening (A.E.)	150	S.Y.	\$ 62.50	\$ 9,375.00
8.	2" Asphalt Overlay (BM-2)	300	Tons	\$ 55.00	\$ 16,500.00
9.	7" Concrete Pavement (Reinforced)(A.E.)	250	S.Y.	\$ 45.00	\$ 11,250.00
10.	6" Concrete Pavement (Reinforced)(A.E.)	50	S.Y.	\$ 40.00	\$ 2,000.00
11.	Concrete Curb and Gutter (A.E.)	850	L.F.	\$ 15.00	\$ 12,750.00
12.	Concrete Sidewalk (4")(A.E.)	200	S.Y.	\$ 25.00	\$ 5,000.00
13.	Access Ramp	4	Each	\$ 1,500.00	\$ 6,000.00
14.	Relocate Fire Hydrant	2	Each	\$ 1,500.00	\$ 3,000.00
15.	Pavement Markings	1	L.S.	\$ 2,500.00	\$ 2,500.00
16.	Traffic Control	1	L.S.	\$ 10,000.00	\$ 10,000.00
17.	Construction Staking	1	L.S.	\$ 3,500.00	\$ 3,500.00
18.	Seeding, Fertilizing and Mulching	1	L.S.	\$ 1,500.00	\$ 1,500.00
19.	Mobilization	1	L.S.	\$ 7,500.00	\$ 7,500.00
Construction Subtotal =					\$ 118,855.00
+10% Contingency =					\$ 11,886.00
+ Engineering Design and Inspection =					\$ 29,714.00
Project Total =					\$ 160,455.00

Notes: 1. Right of Way and Easement acquisition have not been included.
2. Utility relocations have not been included.

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Minor Improvement #3: Widen 19th Street West of Louisiana Street. Estimate includes 2" mill and overlay from Louisiana to Illinois, pavement markings and new sidewalk on the south side of 19th Street.

<u>No.</u>	<u>Description</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Total Price</u>
1.	Clearing and Grubbing	1	L.S.	\$ 2,000.00	\$ 2,000.00
2.	Removal of Existing Structures	1	L.S.	\$ 15,000.00	\$ 15,000.00
3.	Unclassified Excavation	500	C.Y.	\$ 12.00	\$ 6,000.00
4.	Type B Compaction (MR-90)	200	C.Y.	\$ 5.00	\$ 1,000.00
5.	Milling	3,525	S.Y.	\$ 3.00	\$ 10,575.00
6.	6" AB-3 Base	725	S.Y.	\$ 10.00	\$ 7,250.00
7.	8" Concrete Pavement for Widening (A.E.)	500	S.Y.	\$ 62.50	\$ 31,250.00
8.	2" Asphalt Overlay (BM-2)	450	Tons	\$ 55.00	\$ 24,750.00
9.	7" Concrete Pavement (Reinforced)(A.E.)	250	S.Y.	\$ 45.00	\$ 11,250.00
10.	6" Concrete Pavement (Reinforced)(A.E.)	400	S.Y.	\$ 40.00	\$ 16,000.00
11.	Concrete Curb and Gutter (A.E.)	1900	L.F.	\$ 15.00	\$ 28,500.00
12.	Concrete Sidewalk (4")(A.E.)	335	S.Y.	\$ 25.00	\$ 8,375.00
13.	Access Ramp	8	Each	\$ 1,500.00	\$ 12,000.00
14.	Std. Curb Inlet (Precast)	2	Each	\$ 3,500.00	\$ 7,000.00
15.	15" Storm Sewer (RCP)	10	L.F.	\$ 100.00	\$ 1,000.00
16.	Pavement Markings	1	L.S.	\$ 4,000.00	\$ 4,000.00
17.	Traffic Control	1	L.S.	\$ 10,000.00	\$ 10,000.00
18.	Construction Staking	1	L.S.	\$ 5,000.00	\$ 5,000.00
19.	Seeding, Fertilizing and Mulching	1	L.S.	\$ 2,000.00	\$ 2,000.00
20.	Mobilization	1	L.S.	\$ 10,000.00	\$ 10,000.00
Construction Subtotal =					\$ 212,950.00
+10% Contingency =					\$ 21,295.00
+ Engineering Design and Inspection =					\$ 53,238.00
Project Total =					\$ 287,483.00

Notes: 1. Right of Way and Easement acquisition have not been included.
2. Utility relocations have not been included.