

APPENDIX K
Utility Cost Estimate

CNB, Inc.
4608 West Canyon Road
Guthrie, Oklahoma 73044-8786
Phone (405) 260-1290

July 7, 2006

Mr. Ronald G. Weltzheimer, Professional Engineer
The Benham Companies, LLC
9400 North Broadway
Oklahoma City, Oklahoma 73114

Dear Mr. Weltzheimer:

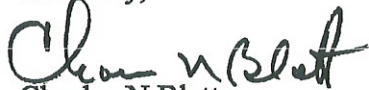
RE: U. S. Highway 81 SUBCONTRACT CONSULTING AGREEMENT
Work Authorization No. 1, Signed June 19, 2006

The estimated costs to rearrange utility lines along U.S. Highway 81 from the south side of Chickasha and extending northerly to the north edge of Union City are attached. The estimates are made from available information and are broken into the segments you presented on the strip mosaic maps.

The costs were determined by making a site inspection and using experience costs established by the Oklahoma Department of Transportation. I find the route to be 30 miles in length; this includes the extra segment for the Minco realignment.

If additional information is needed, please feel free to call me at 405-260-1290.

Sincerely,



Charles N Blatt
Utilities Specialist

Attachments

CNB, Inc.
4608 West Canyon Road
Guthrie, Oklahoma 73044-8786
Phone (405) 260-1290

July 13, 2006

Mr. Ronald G. Weltzheimer, Professional Engineer
The Benham Companies, LLC
9400 North Broadway
Oklahoma City, Oklahoma 73114

Dear Mr. Weltzheimer:

RE: U. S. Highway 81 SUBCONTRACT CONSULTING AGREEMENT
Work Authorization No. 1, Signed June 19, 2006

Attached are the revisions recently requested by Ms. Diane Abernathy for the Chickasha By-Pass. The By-Pass is broken into two segments: One beginning at U.S. Highway 81 south of Chickasha and extending northwesterly to Norge Road; the second segment begins at Norge Road and extends north and northeasterly to U.S. Highway 62. The reference to the Minco Alternate Route has been corrected.

If additional information is needed, please feel free to call me at 405-260-1290.

Sincerely,



Charles N Blatt
Utilities Specialist

Attachments

Estimated Utility Rearrangement Costs
 U.S. Highway 81 from South of Chickasha
 North To Union City

Segment No. 1
 U. S. 62 to E/W 1320

	Total Cost	Private Costs	Public Costs
Electric Utilities	\$ 125,250.00	\$ 95,250.00	\$ 30,000.00
Pipeline Utilities	23,281.00	23,281.00	
Telephone Utilities	48,750.00		48,750.00
Water Utilities	19,531.00	19,531.00	
TOTAL COST-Segment #1	\$ 216,812.00	\$ 138,062.00	\$ 78,750.00

Segment No. 2
 E/W 1320 to 1290

	Total Cost	Private Costs	Public Costs
Electric Utilities	\$ 117,750.00	\$ 117,750.00	\$
Pipeline Utilities	656,719.00	656,719.00	
Telephone Utilities	296,250.00		296,250.00
Water Utilities	250,000.00	250,000.00	
TOTAL COST-Segment #1	\$ 1,320,719.00	\$ 1,024,469.00	\$ 296,250.00

Estimated Utility Rearrangement Costs
U.S. Highway 81 from South of Chickasha
North To Union City

Segment No. 3
E/W 1290 to 1260

	Total Cost	Private Costs	Public Costs
Electric Utilities	\$ 78,500.00	\$ 39,250.00	\$ 39,250.00
Pipeline Utilities	156,250.00	156,250.00	
Telephone Utilities	216,250.00		216,250.00
Water Utilities	69,063.00	69,063.00	
TOTAL COST-Segment #3	\$ 520,063.00	\$ 264,563.00	\$ 255,500.00

Segment No. 4
E/W 1260 to 1250

	Total Cost	Private Costs	Public Costs
Electric Utilities	\$ 55,000.00	\$ 9,500.00	\$ 45,500.00
Pipeline Utilities	143,125.00	56,875.00	86,250.00
Telephone Utilities	93,750.00		93,750.00
Water Utilities	54,063.00	54,063.00	
TOTAL COST-Segment #4	\$ 345,938.00	\$ 120,438.00	\$ 225,500.00

Estimated Utility Rearrangement Costs
 U.S. Highway 81 from South of Chickasha
 North To Union City

Segment No. 5
 E/W 1250 to 1230

	Total Cost	Private Costs	Public Costs
Electric Utilities	\$ 57,000.00	\$ 28,500.00	\$ 28,500.00
Pipeline Utilities	258,750.00	258,750.00	
Telephone Utilities	187,500.00	31,250.00	156,250.00
Water Utilities	143,000.00	143,000.00	
TOTAL COST-Segment #5	\$ 646,250.00	\$ 461,500.00	\$ 184,750.00

Segment No. 6
 E/W 1230 to 1200

	Total Cost	Private Costs	Public Costs
Electric Utilities	\$ 32,250.00	\$ 15,500.00	\$ 16,750.00
Pipeline Utilities	226,875.00	226,875.00	
Telephone Utilities	187,500.00		187,500.00
Water Utilities	3,438.00	3,438.00	
TOTAL COST-Segment #6	\$ 450,063.00	\$ 245,813.00	\$ 204,250.00

Estimated Utility Rearrangement Costs
U.S. Highway 81 from South of Chickasha
North To Union City

Minco Alternate

	Total Cost	Private Costs	Public Costs
Electric Utilities	\$ 47,500.00	\$ 47,500.00	\$
Telephone Utilities	27,500.00	12,500.00	15,000.00
Water Utilities	25,125.00	25,125.00	
TOTAL COST-Minco	\$ 100,125.00	\$ 85,125.00	\$ 15,000.00

Estimated Utility Rearrangement Costs
U.S. Highway 81 from South of Chickasha
North To Union City

Segment No. 7
E/W 1200 to 1170.75

	Total Cost	Private Costs	Public Costs
Electric Utilities	\$ 66,500.00	\$ 47,500.00	\$ 19,000.00
Pipeline Utilities	120,000.00	22,500.00	97,500.00
Telephone Utilities	200,000.00	12,500.00	187,500.00
Water Utilities	167,500.00	167,500.00	
TOTAL COST-Segment #7	\$ 554,000.00	\$ 250,000.00	\$ 304,000.00

Segment No. 8
E/W 1170.75 to 1160.5

	Total Cost	Private Costs	Public Costs
Electric Utilities	\$ 19,000.00	\$	\$ 19,000.00
Pipeline Utilities	112,500.00	84,375.00	28,125.00
Telephone Utilities	18,750.00		18,750.00
Water Utilities	28,125.00	28,125.00	
TOTAL COST-Segment #8	\$ 178,375.00	\$ 112,500.00	\$ 65,875.00

Estimated Utility Rearrangement Costs
 U.S. Highway 81 from South of Chickasha
 North To Union City

Segment No. 9
 E/W 1160.5 to 1140

	Total Cost	Private Costs	Public Costs
Electric Utilities	\$ 349,500.00	\$ 264,750.00	\$ 84,750.00
Pipeline Utilities	32,656.00	32,656.00	
Telephone Utilities	218,750.00	93,750.00	125,000.00
Water Utilities	26,250.00	26,250.00	
TOTAL COST-Segment #9	\$ 627,156.00	\$ 417,406.00	\$ 209,750.00

Segment No. 11
 E/W 1130.5 to 1110.5

	Total Cost	Private Costs	Public Costs
Electric Utilities	\$ 40,750.00	\$ 10,750.00	\$ 30,000.00
Pipeline Utilities	23,281.00	23,281.00	
Telephone Utilities	250,000.00		250,000.00
Water Utilities	611,563.00	611,563.00	
TOTAL COST-Segment #11	\$ 925,594.00	\$ 645,594.00	\$ 280,000.00

Mr. Ken Brown (Telephone #234-2264), ACOG, has GPS mapping for Union City.

Estimated Utility Rearrangement Costs
U.S. Highway 81 from South of Chickasha
North To Union City

Chickasha By-Pass
(U.S. Highway 81 Northwesterly to Norge Road)

	Total Cost	Private Costs	Public Costs
Electric Utilities	\$ 259,000.00	\$ 230,500.00	\$ 28,500.00
Pipeline Utilities	185,000.00	175,750.00	9,250.00
Telephone Utilities	31,875.00		31,875.00
Water Utilities	60,938.00	60,938.00	
TOTAL COST-This Segment	\$ 536,813.00	\$ 467,188.00	\$ 69,625.00

Chickasha By-Pass
(Norge Road Northeasterly to U.S. Highway 62)

	Total Cost	Private Costs	Public Costs
Electric Utilities	\$ 294,400.00	\$ 211,800.00	\$ 82,600.00
Pipeline Utilities	402,750.00	402,750.00	
Telephone Utilities	12,188.00		12,188.00
Water Utilities	438,437.00	438,437.00	
CATV	750.00		750.00
TOTAL COST-This Segment	\$1,148,525.00	\$ 1,052,987.00	\$ 95,538.00