

RESOLUTION NO. 424

A RESOLUTION SPREADING AND LEVYING PREASSESSMENTS ON PROPERTY BENEFITED FOR THE COST OF CONSTRUCTION OF STREET SECTIONS, DRAINAGE INSTALLATIONS, WATER SYSTEM INSTALLATIONS, SANITARY SEWER INSTALLATIONS, SIDEWALK INSTALLATIONS, SIGNING AND TRAFFIC CONTROL DEVICE INSTALLATIONS, STREET LIGHTING INSTALLATIONS, LANDSCAPING INSTALLATIONS, AND OTHER UTILITIES CONSTRUCTED FOR THE PROJECT DESIGNATED AS "PARKWAY AVENUE REALIGNMENT AND ELLIGSEN ROAD IMPROVEMENT PROJECT - LOCAL IMPROVEMENT DISTRICT NO. 9" HEREINAFTER REFERRED TO AS L.I.D. #9; AND DIRECTING THE CITY RECORDER TO GIVE NOTICE OF FINAL PREASSESSMENT AND ENTER A STATEMENT THEREOF IN THE DOCKET OF CITY LIENS AS REQUIRED BY SECTION 3.216 OF THE WILSONVILLE CODE.

WHEREAS, the Wilsonville City Council did heretofore by Resolution No. 337, adopted July 5, 1983, declare its intention to authorize the design construction and improvements to streets, water, sanitary sewer, drainage facilities, sidewalks, street lights, signs and traffic control devices, landscaping and other utility installations for LID #9; and

WHEREAS, a meeting of the Wilsonville City Council was held at the date and time established by Resolution No. 334, adopted June 20, 1983, for the purpose of considering any protests or remonstrances against the formation of LID #9 and at that time, there were no protests or remonstrances made by property owners in the area to be assessed, and all property owners who appeared at the hearing gave unanimous approval to proceed with LID #9; and

WHEREAS, final plans and specifications were authorized to be prepared by the adoption of Resolution No. 337 and later prepared and submitted by Dave Evans & Associates to the staff for review. Thereafter, the final plans and specifications were approved by the Council as established in Resolution No. 413, which also reaffirmed the Wilsonville City Council's intentions to make the improvement and assess the costs thereof upon each property or part thereof within the LID #9 boundary and benefited by said improvement, in its proportionate share of the cost of said improvement; and

WHEREAS, the total cost of said improvement is identified in Exhibit "A", attached hereto and incorporated by reference as if fully set forth herein, and is determined to be the sum of one million two hundred forty thousand, nine hundred six dollars and seventeen cents (\$1,240,906.17) which has been equalized by the Board of Viewers appointed by the Council; and the Preliminary Preassessment Roll as equalized is being presented to the City Council.

NOW, THEREFORE, IT IS HEREBY RESOLVED by the City Council of the City of Wilsonville that:

1. The Final Preassessment Roll as equalized by the Board of Viewers, is approved by the Wilsonville City Council and adopted by the Council as the

Final Preassessment Roll for LID #9.

2. The proportionate share of the cost of construction of LID #9 for each parcel of property within the boundary of LID #9 and benefited thereby, is the amount set opposite the description as identified in the Final Preassessment Roll in Item 5 below.
3. Each piece or parcel of land will be benefited by the construction of LID #9 to the full extent of that amount shown below in Item 5 as the total Preassessment of such piece or parcel; and the respective amounts represent the proportional benefits of said improvements for LID #9 to the respective parcels of property.
4. Each of the parcels of property described in Item 5 below is hereby assessed the amount set opposite each respective description for the cost of the construction of LID #9 as hereinbefore described.
5. The following are the final preassessments hereby made on the various parcels of real property in the City of Wilsonville, Clackamas County - Washington County, Oregon, for the construction of LID #9.

FINAL PREASSESSMENT ROLL

PREASSESSMENT NO. 1

Burns Brothers Incorporated

Tax Lot 1503, Section 2,  
Township 3 South, Range 1  
West, of the Willamette  
Meridian, Washington County,  
Oregon

TOTAL PREASSESSMENT NO. 1      \$ 105,648.90

PREASSESSMENT NO. 2

Burns Brothers Incorporated

Western International Properties

Tax Lot 1500, Section 1,  
Township 3 South, Range 1  
West, Willamette Meridian,  
Washington County, Oregon

TOTAL PREASSESSMENT NO. 2      \$ 358,991.43

PREASSESSMENT NO. 3

Burns Brothers Incorporated

Western International Properties

Tax Lot 400, Section 12,  
Township 3 South, Range 1  
West, Willamette Meridian,  
Clackamas County, Oregon

TOTAL PREASSESSMENT NO. 3      \$ 625,210.79

TOTAL OF PREASSESSMENTS      \$1,089,851.12

CITY SHARED COSTS      151,055.00

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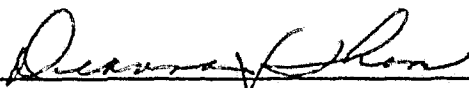
TOTAL LID #9 COSTS      \$1,240,906.12

6. The City Recorder of the City of Wilsonville is hereby directed to send notice of preassessment by registered or certified mail, to all owners of the property as assessed in the Final Preassessment Roll, and in accordance with Section 3.216 of the Wilsonville Code; and enter in the Docket of City Liens, a statement of the amount(s) assessed upon each of the above described parcels of land, together with a description of the improvements, the name of the owner(s) and the date of the adoption of the preassessment resolution as required by Section 3.216 of the Wilsonville Code. Notice of these final preassessments shall also be published in the Portland Metropolitan area once a week for two successive weeks.

ADOPTED by the City Council of the City of Wilsonville at a regular meeting thereof this 4th day of September, 1984, and filed with the Wilsonville City Recorder this same date.

  
WILLIAM G. LOWRIE, Mayor

ATTEST:

  
DEANNA J. THOM, City Recorder

PRELIMINARY PREASSESSMENT

LID #9

<u>Tax Lot</u>	<u>Owner</u>	<u>Acres</u>	<u>Acreage Assessment</u>	<u>Total Assessment</u>
T.L. 1503, Section 2 T3S, R1W WM Washington County	Burns Bros., Inc. 1805 N. W. Glisan Portland OR 97209	10.83 (10%)	\$9,755	\$ 105,648.90
T.L. 1500, Section 1 T3S. R1W, WM Washington County	Burns - Western Same as above	36.8 (33%)	"	358,991.43
T.L. 400, Section 12 T3S, R1W WM Clackamas County	Burns- Western Same as above	64.09 (57%)	"	625,210.79
TOTAL PREASSESSMENT				\$1,089,851.12
CITY SHARE				151,055.00
TOTAL LID #9 COSTS				\$1,240,906.12



DAVID EVANS and ASSOCIATES, Inc.  
2626 SW CORBETT AVENUE · PORTLAND, OREGON 97201 · 503/223-6663

File: WIL001  
8-10-84

PROJECT: PARKWAY AVENUE REALIGNMENT  
AND ELLIGSEN ROAD IMPROVEMENT PROJECT  
(LID NO. 9)

SUBJECT: ESTIMATE OF COST

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Construction of asphaltic concrete streets, storm sewers, sanitary sewers, water mains and electrical and telephone conduit systems.

Total Estimated Basic Bid \$928,221.00

Underground power system costs  
(PGE estimate)

49,800.00

Landscaping improvements, including irrigation, design and construction related services

75,000.00

TOTAL ESTIMATED IMPROVEMENT COSTS, BASIC BID \$1,053,021.00

Engineering Services

Preliminary Services provided by owner

38,436.54

Estimated total additional services required for project completion

75,000.00

City Administration Costs and Legal Fees (5% of total improvement costs)

52,651.05

EXHIBIT "A"



Construction Permit Fees in-  
cluding City Plan Review and  
primary inspection  
(2.07% of total improvement costs)      21,797.53

TOTAL ESTIMATED PROJECT COST      \$1,240,906.12

CITY CONTRIBUTIONS TO PROJECT

Additional width along Parkway  
Avenue (Funding through City  
system development funds)

Earthwork (9,200 cu.yds.)	\$ 13,000.00
1 1/2"-0" base rock (10,200 tons)	44,260.00
3/4"-0" leveling rock (1,330 tons)	5,320.00
3" of Class "C" asphaltic concrete pavement (1,980 tons)	<u>37,420.00</u>
TOTAL ESTIMATE, ADDITIONAL WIDTH	\$100,000.00

Elligsen Road Pavement overlay  
and drainage improvements  
(funding through Washington  
County transfer funds)

51,055.00

TOTAL ESTIMATED CITY CONTRIBUTIONS TO PROJECT      (\$151,055.00 )  
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TOTAL ESTIMATED COST TO BE ASSESSED TO THE  
BENEFITTED PROPERTIES      \$1,089,851.12



ESTIMATE OF COST  
AUGUST 14, 1984

SCHEDULE OF PRICES  
(Basic Bid - Asphaltic Concrete Streets)

<u>Item</u>	<u>Description</u>	<u>Quan.</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total Price</u>
1.	Clearing and Grubbing	---	L.S.	LUMP SUM	\$ <u>5,000-</u>
2.	Street Excavation and Fill Construction				
	a. Earthwork, complete	---	L.S.	LUMP SUM	\$ <u>46,250-</u>
	b. Overexcavation	200	C.Y.	\$ <u>4.00</u>	\$ <u>800-</u>
	c. Rock Excavation	50	C.Y.	\$ <u>75.00</u>	\$ <u>3,750-</u>
	d. Remove & Reconstruct Gravel Driveway	---	L.S.	LUMP SUM	\$ <u>2,000-</u>
3.	Base Rock				
	a. Base Rock (1 1/2" - 0")	21,950	TON	\$ <u>6.30</u>	\$ <u>138,285-</u>
	b. Leveling Rock (3/4" - 0")	2,860	TON	\$ <u>8.50</u>	\$ <u>24,310</u>
4.	Curb and Sidewalk				
	a. Concrete Type C Curb	10,330	L.F.	\$ <u>3.50</u>	\$ <u>36,155-</u>
	b. 4" Concrete sidewalk	2,530	S.Y.	\$ <u>12.50</u>	\$ <u>31,625-</u>
	c. 6" Concrete driveway	140	S.Y.	\$ <u>16.00</u>	\$ <u>2,240-</u>
5.	Asphaltic Concrete Pavement				
	a. 3" Class "C" (2 lifts)	4,260	TON	\$ <u>29.00</u>	\$ <u>123,540-</u>
	b. 1 1/2" Class "C" Overlay	1,210	TON	\$ <u>30.00</u>	\$ <u>36,300-</u>
6.	Trench Excavation and Backfill				
	a. Storm Sewer pipe 12" to 21" diameter Class I 0'-6' deep	1,890	L.F.	\$ <u>8.00</u>	\$ <u>15,120-</u>
	Class I 6'-10' deep	556	L.F.	\$ <u>12.00</u>	\$ <u>6,600-</u>

<u>Item Description</u>	<u>Quan.</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total Price</u>
Class I 10'-15' deep	405	L.F.	\$ <u>17.00</u>	\$ <u>6,885-</u>
Class III 0'-6' deep	70	L.F.	\$ <u>2.70</u>	\$ <u>189-</u>
Class III 6'-10' deep	200	L.F.	\$ <u>4.00</u>	\$ <u>800-</u>
Class III 10'-15' deep	100	L.F.	\$ <u>5.80</u>	\$ <u>580-</u>
b. Storm sewer 24" & 30" diameter Class I 0-6' deep	40	L.F.	\$ <u>11.00</u>	\$ <u>440-</u>
Class I 6-10' deep	850	L.F.	\$ <u>16.00</u>	\$ <u>13,600-</u>
Class III 0-6' deep	150	L.F.	\$ <u>3.60</u>	\$ <u>540-</u>
Class III 6-10' deep	375	L.F.	\$ <u>5.40</u>	\$ <u>2,025-</u>
c. Sanitary sewer pipe 8" & 12" pipe				
Class I 0-6' deep	540	L.F.	\$ <u>6.70</u>	\$ <u>3,618-</u>
Class I 6-10' deep	945	L.F.	\$ <u>10.00</u>	\$ <u>9,450-</u>
Class III 0-6' deep	270	L.F.	\$ <u>2.30</u>	\$ <u>621-</u>
Class III 6-10' deep	475	L.F.	\$ <u>3.40</u>	\$ <u>1,615-</u>
Class III 10-15' deep	285	L.F.	\$ <u>5.20</u>	\$ <u>1,482-</u>
Class III 15-20' deep	235	L.F.	\$ <u>8.40</u>	\$ <u>1,974-</u>
Class III 20-25' deep	260	L.F.	\$ <u>13.40</u>	\$ <u>3,484-</u>
d. Water pipe-all sizes				
Class I 0-6' deep	3,670	L.F.	\$ <u>4.00</u>	\$ <u>14,680-</u>
e. Rock Excavation	50	C.Y.	\$ <u>75.00</u>	\$ <u>3,750-</u>
f. Foundation Stabilization	25	C.Y.	\$ <u>12.00</u>	\$ <u>300-</u>
g. Road Restoration	---	L.S.	LUMP SUM	\$ <u>500-</u>
7. Drainage Ditch Construction				
a. Ditch Excavation including pond	7,600	C.Y.	\$ <u>2.00</u>	\$ <u>15,200-</u>

<u>Item</u>	<u>Description</u>	<u>Quan.</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total Price</u>
	b. Rock Excavation	10	C.Y.	\$ <u>75.00</u>	\$ <u>750-</u>
	c. Riprap	20	C.Y.	\$ <u>25.00</u>	\$ <u>500-</u>
8.	Storm Sewer Pipework				
	a. Concrete or Corrugated Metal Pipe				
	12" diameter	1,080	L.F.	\$ <u>12.00</u>	\$ <u>12,960-</u>
	15" diameter	755	L.F.	\$ <u>13.80</u>	\$ <u>10,419-</u>
	18" diameter	1,290	L.F.	\$ <u>16.00</u>	\$ <u>20,640-</u>
	21" diameter	90	L.F.	\$ <u>20.00</u>	\$ <u>1,800-</u>
	24" diameter	190	L.F.	\$ <u>25.00</u>	\$ <u>4,750-</u>
	30" diameter	1,225	L.F.	\$ <u>30.00</u>	\$ <u>36,750-</u>
	b. G-1 Inlet, complete	11	EA.	\$ <u>400.00</u>	\$ <u>4,400-</u>
	c. G-2 Inlet, complete	11	EA.	\$ <u>700.00</u>	\$ <u>7,700-</u>
	d. Ditch Inlet, complete	1	EA.	\$ <u>600.00</u>	\$ <u>600-</u>
	e. Standard Manholes, complete	7	EA.	\$ <u>1100.00</u>	\$ <u>7,700-</u>
	f. Flat Top Manhole, compete	1	EA.	\$ <u>800.00</u>	\$ <u>800-</u>
	g. Special Box Manhole	1	EA.	\$ <u>2500.00</u>	\$ <u>2,500-</u>
	h. Detention Pond outlet/ orifice	---	L.S.	LUMP SUM	\$ <u>1,000-</u>
9.	Sanitary Sewer Pipework				
	a. 12" diameter CSP	1,160	L.F.	\$ <u>13.00</u>	\$ <u>15,080-</u>
	b. 10" diameter CSP	30	L.F.	\$ <u>12.00</u>	\$ <u>360-</u>
	c. 8" diameter CSP	1,820	L.F.	\$ <u>6.00</u>	\$ <u>10,920-</u>
	d. Standard Manhole, complete	13	EA.	\$ <u>1300.00</u>	\$ <u>16,900-</u>
	e. Adjust existing Manholes	---	L.S.	LUMP SUM	\$ <u>500-</u>

<u>Item</u>	<u>Description</u>	<u>Quan.</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total Price</u>
	f. 12" Stubout & Plug	1	EA.	\$ <u>80.00</u>	\$ <u>80 -</u>
	g. Connections to existing	---	L.S.	LUMP SUM	\$ <u>1,000 -</u>
10.	Water Line - Pipework				
	a. Piping Installed				
	8" Ductile Iron	2,350	L.F.	\$ <u>13.00</u>	\$ <u>30,550 -</u>
	12" Ductile Iron	1,320	L.F.	\$ <u>18.00</u>	\$ <u>23,760 -</u>
	b. Valve Assemblies				
	14" x 8" tapping sleeve & valve	2	EA.	\$ <u>2,000.00</u>	\$ <u>4000 -</u>
	8" Gate valve	12	EA.	\$ <u>420.00</u>	\$ <u>5040 -</u>
	12" Butterfly valve	4	EA.	\$ <u>800.00</u>	\$ <u>3200 -</u>
	14" Butterfly valve	4	EA.	\$ <u>1200.00</u>	\$ <u>4800 -</u>
	c. Adjust Existing Valve Boxes	---	L.S.	LUMP SUM	\$ <u>500 -</u>
	d. Air release valve assembly	2	EA.	\$ <u>250.00</u>	\$ <u>500 -</u>
	e. Fire hydrant assemblies	5	EA.	\$ <u>1500.00</u>	\$ <u>7500 -</u>
	f. Connections to existing	---	L.S.	LUMP SUM	\$ <u>1500 -</u>
	g. Monument Boxes, complete	5	EA.	\$ <u>200.00</u>	\$ <u>1000 -</u>
	h. Irrigation Connections including corp. stop & PVC Pipe	8	EA.	\$ <u>125.00</u>	\$ <u>1000 -</u>
11.	Barricades	1	EA.	\$ <u>800.00</u>	\$ <u>800 -</u>
12.	Electrical				
	a. Trench excavation & backfill, Class I	1,985	L.F.	\$ <u>3.60</u>	\$ <u>7,146 -</u>
	Class III	4,430	L.F.	\$ <u>1.20</u>	\$ <u>5,316 -</u>

<u>Item Description</u>	<u>Quan.</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total Price</u>
b. Rock excavation	10	C.Y.	\$ <u>75.00</u>	\$ <u>750 -</u>
c. Conduit, 2"	4,060	L.F.	\$ <u>1.00</u>	\$ <u>4060 -</u>
Conduit, 4"	26,250	L.F.	\$ <u>1.40</u>	\$ <u>36,750 -</u>
Conduit, 6"	6,740	L.F.	\$ <u>1.80</u>	\$ <u>12,132 -</u>
d. Switch vaults, 5106 LA	6	EA.	\$ <u>4,000 -</u>	\$ <u>24,000 -</u>
506 LA	9	EA.	\$ <u>1,500 -</u>	\$ <u>13,500 -</u>
5106 TA	6	EA.	\$ <u>4,000 -</u>	\$ <u>24,000 -</u>
e. Junction boxes	23	EA.	\$ <u>200 -</u>	\$ <u>4,600 -</u>
TOTAL BASIC BID				✓ \$ <u>928,221 -</u>

BLM  
8-14-84

SCHEDULE OF PRICES  
(Alternate Bid - Portland Cement Concrete Streets)

<u>Item</u>	<u>Description</u>	<u>Quan.</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total Price</u>
1.	Clearing and Grubbing	---	L.S.	LUMP SUM	\$ <u>5,000-</u>
2.	Street Excavation and Fill Construction				
	a. Earthwork, complete	---	L.S.	LUMP SUM	\$ <u>21,400-</u>
	b. Overexcavation	200	C.Y.	\$ <u>4.00</u>	\$ <u>800-</u>
	c. Rock Excavation	50	C.Y.	\$ <u>75.00</u>	\$ <u>3750-</u>
	d. Remove & Reconstruct Gravel Driveway	---	L.S.	LUMP SUM	\$ <u>2,000-</u>
3.	Base Rock				
	a. Base Rock (1 1/2" - 0")	7,430	TON	\$ <u>6.30</u>	\$ <u>46,809-</u>
	b. Leveling Rock (3/4" - 0")	340	TON	\$ <u>8.50</u>	\$ <u>2,890-</u>
4.	Curb and Sidewalk				
	a. Concrete Type C Curb	10,330	L.F.	\$ <u>3.50</u>	\$ <u>36,155-</u>
	b. 4" Concrete sidewalk	2,530	S.Y.	\$ <u>12.50</u>	\$ <u>31,625-</u>
	c. 6" Concrete driveway	140	S.Y.	\$ <u>16.00</u>	\$ <u>2,240-</u>
5.	Asphaltic Concrete Pavement				
	a. 3" Class "C" (2 lifts)	505	TON	\$ <u>29.00</u>	\$ <u>14,645-</u>
	b. 1 1/2" Class "C" Overlay	1,205	TON	\$ <u>30.00</u>	\$ <u>36,150-</u>
6.	Trench Excavation and Backfill				
	a. Storm Sewer pipe 12" to 21" diameter Class I 0'-6' deep	1,890	L.F.	\$ <u>8.00</u>	\$ <u>15,120-</u>
	Class I 6'-10' deep	550	L.F.	\$ <u>12.00</u>	\$ <u>6,600-</u>

<u>Item Description</u>	<u>Quan.</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total Price</u>
Class I 10'-15' deep	405	L.F.	\$ <u>17.00</u>	\$ <u>6,885-</u>
Class III 0'-6' deep	70	L.F.	\$ <u>2.70</u>	\$ <u>189-</u>
Class III 6'-10' deep	200	L.F.	\$ <u>4.00</u>	\$ <u>800-</u>
Class III 10'-15' deep	100	L.F.	\$ <u>5.80</u>	\$ <u>580-</u>
b. Storm sewer 24" & 30" diameter Class I 0-6' deep	40	L.F.	\$ <u>11.00</u>	\$ <u>440-</u>
Class I 6-10' deep	850	L.F.	\$ <u>16.00</u>	\$ <u>13,600-</u>
Class III 0-6' deep	150	L.F.	\$ <u>3.60</u>	\$ <u>540-</u>
Class III 6-10' deep	375	L.F.	\$ <u>5.40</u>	\$ <u>2,025-</u>
c. Sanitary sewer pipe 8" & 12" pipe				
Class I 0-6' deep	540	L.F.	\$ <u>6.70</u>	\$ <u>3,618-</u>
Class I 6-10' deep	945	L.F.	\$ <u>10.00</u>	\$ <u>9,450-</u>
Class III 0-6' deep	270	L.F.	\$ <u>2.30</u>	\$ <u>621-</u>
Class III 6-10' deep	475	L.F.	\$ <u>3.40</u>	\$ <u>1,615-</u>
Class III 10-15' deep	285	L.F.	\$ <u>5.20</u>	\$ <u>1,482-</u>
Class III 15-20' deep	235	L.F.	\$ <u>8.40</u>	\$ <u>1,974-</u>
Class III 20-25' deep	260	L.F.	\$ <u>13.40</u>	\$ <u>3,484-</u>
d. Water pipe-all sizes				
Class I 0-6' deep	3,670	L.F.	\$ <u>4.00</u>	\$ <u>14,680-</u>
e. Rock Excavation	50	C.Y.	\$ <u>75.00</u>	\$ <u>3,750-</u>
f. Foundation Stabilization	25	C.Y.	\$ <u>12.00</u>	\$ <u>300-</u>
g. Road Restoration	---	L.S.	LUMP SUM	\$ <u>500-</u>
7. Drainage Ditch Construction				
a. Ditch Excavation including pond	7,600	C.Y.	\$ <u>.2.00</u>	\$ <u>15,200-</u>

<u>Item</u>	<u>Description</u>	<u>Quan.</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total Price</u>
	b. Rock Excavation	10	C.Y.	\$ <u>75.00</u>	\$ <u>750-</u>
	c. Riprap	20	C.Y.	\$ <u>25.00</u>	\$ <u>500-</u>
8.	Storm Sewer Pipework				
	a. Concrete or Corrugated Metal Pipe				
	12" diameter	1,080	L.F.	\$ <u>12.00</u>	\$ <u>12,960-</u>
	15" diameter	755	L.F.	\$ <u>13.80</u>	\$ <u>10,419-</u>
	18" diameter	1,290	L.F.	\$ <u>16.00</u>	\$ <u>20,640-</u>
	21" diameter	90	L.F.	\$ <u>20.00</u>	\$ <u>1,800-</u>
	24" diameter	190	L.F.	\$ <u>25.00</u>	\$ <u>4,750-</u>
	30" diameter	1,225	L.F.	\$ <u>30.00</u>	\$ <u>36,750-</u>
	b. G-1 Inlet, complete	11	EA.	\$ <u>400.00</u>	\$ <u>4,400-</u>
	c. G-2 Inlet, complete	11	EA.	\$ <u>700.00</u>	\$ <u>7,700-</u>
	d. Ditch Inlet, complete	1	EA.	\$ <u>600.00</u>	\$ <u>600-</u>
	e. Standard Manholes, complete	7	EA.	\$ <u>1100.00</u>	\$ <u>7,700-</u>
	f. Flat Top Manhole, complete	1	EA.	\$ <u>800.00</u>	\$ <u>800-</u>
	g. Special Box Manhole	1	EA.	\$ <u>2500.00</u>	\$ <u>2,500-</u>
	h. Detention Pond outlet/ orifice	---	L.S.	LUMP SUM	\$ <u>1,000-</u>
9.	Sanitary Sewer Pipework				
	a. 12" diameter CSP	1,160	L.F.	\$ <u>13.00</u>	\$ <u>15,080-</u>
	b. 10" diameter CSP	30	L.F.	\$ <u>12.00</u>	\$ <u>360-</u>
	c. 8" diameter CSP	1,820	L.F.	\$ <u>6.00</u>	\$ <u>10,920-</u>
	d. Standard Manhole, complete	13	EA.	\$ <u>1300.00</u>	\$ <u>16,900-</u>
	e. Adjust existing Manholes	---	L.S.	LUMP SUM	\$ <u>500-</u>



<u>Item Description</u>	<u>Quan.</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total Price</u>
f. 12" Stubout & Plug	1	EA.	\$ <u>80.00</u>	\$ <u>80-</u>
g. Connections to existing	---	L.S.	LUMP SUM	\$ <u>1000-</u>
10. Water Line - Pipework				
a. Piping Installed				
8" Ductile Iron	2,350	L.F.	\$ <u>13.00</u>	\$ <u>30,550-</u>
12" Ductile Iron	1,320	L.F.	\$ <u>18.00</u>	\$ <u>23,760-</u>
b. Valve Assemblies				
14" x 8" tapping sleeve & valve	2	EA.	\$ <u>2,000.00</u>	\$ <u>4000-</u>
8" Gate valve	12	EA.	\$ <u>420.00</u>	\$ <u>5040-</u>
12" Butterfly valve	4	EA.	\$ <u>800.00</u>	\$ <u>3200-</u>
14" Butterfly valve	4	EA.	\$ <u>1200.00</u>	\$ <u>4800-</u>
c. Adjust Existing Valve Boxes	---	L.S.	LUMP SUM	\$ <u>500-</u>
d. Air release valve assembly	2	EA.	\$ <u>250.00</u>	\$ <u>500-</u>
e. Fire hydrant assemblies	5	EA.	\$ <u>1500.00</u>	\$ <u>7,500-</u>
f. Connections to existing	---	L.S.	LUMP SUM	\$ <u>1500-</u>
g. Monument Boxes, complete	5	EA.	\$ <u>200.00</u>	\$ <u>1000-</u>
h. Irrigation Connections including corp. stop & PVC Pipe	8	EA.	\$ <u>125.00</u>	\$ <u>1000-</u>
11. Barricades	1	EA.	\$ <u>800.00</u>	\$ <u>800-</u>
12. Electrical				
a. Trench excavation & backfill, Class I	1,985	L.F.	\$ <u>3.60</u>	\$ <u>7,146-</u>
Class III	4,430	L.F.	\$ <u>1.20</u>	\$ <u>5,316-</u>

<u>Item Description</u>	<u>Quan.</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total Price</u>
b. Rock excavation	10	C.Y.	\$ <u>75.00</u>	\$ <u>750-</u>
c. Conduit, 2"	4,060	L.F.	\$ <u>1.00</u>	\$ <u>4,060-</u>
Conduit, 4"	26,250	L.F.	\$ <u>1.40</u>	\$ <u>36,750-</u>
Conduit, 6"	6,740	L.F.	\$ <u>1.80</u>	\$ <u>12,132-</u>
d. Switch vaults, 5106 LA	6	EA.	\$ <u>4,000-</u>	\$ <u>24,000-</u>
506 LA	9	EA.	\$ <u>1,500-</u>	\$ <u>13,500-</u>
5106 TA	6	EA.	\$ <u>4,000-</u>	\$ <u>24,000-</u>
e. Junction boxes	23	EA.	\$ <u>200-</u>	\$ <u>4,600-</u>
13. Portland Cement Concrete Pavement, 4000 psi, 7 1/2" thickness	21,800	S.Y.	\$ <u>12.30</u>	\$ <u>268,140-</u>

TOTAL ALTERNATE BID

✓ \$ 949,570.

BLM  
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