

RESOLUTION NO. 571

A RESOLUTION APPROVING THE BID PROCESS AND REJECTING ALL BIDS ACCORDING TO ORS 279.037 AND AUTHORIZING REBID FOR THE BOBERG ROAD RECONSTRUCTION AND UTILITY IMPROVEMENTS LOCAL IMPROVEMENT DISTRICT NO. 7, HEREINAFTER REFERRED TO AS LID #7.

WHEREAS, the City Council for the City of Wilsonville, Oregon, did review and adopt Resolution No. 563, titled "A RESOLUTION APPROVING THE PLANS AND SPECIFICATIONS; AND AUTHORIZING STAFF TO RECEIVE SEALED BIDS FOR THE BOBERG ROAD RECONSTRUCTION AND UTILITY IMPROVEMENT DISTRICT NO. 7, HEREINAFTER REFERRED TO AS LID #7" at its regularly scheduled City Council meeting commencing at 7:30 o'clock p.m., Pacific Daylight Savings Time in the City Council Chambers at 30000 SW Town Center Loop East; and

WHEREAS, advertisements were printed in the Daily Journal of Commerce, Lake Oswego Review and Canby Herald, as set forth in the requirements established in Oregon Revised Statutes 279.025 "Requirements for Advertisements"; and

WHEREAS, sealed bids were received prior to 2:00 o'clock p.m., Pacific Daylight Savings Time, Wednesday, July 9, 1986 at Wilsonville City Hall Council Chambers. Bids were then opened individually and separately and read aloud after 2:00 o'clock p.m., Pacific Daylight Savings Time on July 9, 1986, and are listed in the attached Exhibit "A"; and

WHEREAS, C. R. S. Serrine, Consulting Engineers for the City of Wilsonville, have reviewed all bids received for completeness, additions and omissions and therefore, acknowledges all bids to be sixteen percent (16%) or more over the engineer's estimate as outlined in Exhibit "A" attached hereto and incorporated by reference as if fully set forth herein; and

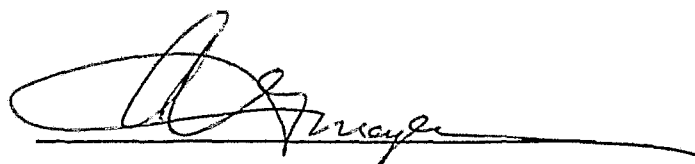
WHEREAS, according to Section 3.210(9) of the Wilsonville Code, if a bid is greater than fifteen percent (15%) above the engineer's estimate, the city must either reassess the LID #7 property owners or rebid the project; and

WHEREAS, it is staff recommendation to rebid LID #7 with a completion date listed as June 30, 1987. A completion date will allow some flexibility to the contractor in the event of inclement weather this fall.

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

1. The City Council acknowledges that all bids were received, publicly opened and approved as being complete for consideration for award according to the provisions of Oregon Revised Statutes 279.025 "Requirements for Advertisement".
2. All bids received were more than fifteen percent (15%) above the engineer's estimate and, according to Section 3.210(9) of the Wilsonville Code, the bids must be rejected or the LID #7 must be reassessed to pay for said improvements.
3. All bids are hereby rejected according to ORS 279.037 and rebid with a project completion date of June 30, 1987.

ADOPTED by the City Council of the City of Wilsonville at a regular meeting thereof this 21st day of July, 1986 and filed with the Wilsonville City Recorder this same date.



A. G. MEYER, Mayor

ATTEST:



VERA A. ROJAS, City Recorder

RESOLUTION NO. 571

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EXHIBIT "A"

CRS SIRRINE

July 21, 1986

City of Wilsonville
P.O. Box 220
Wilsonville, Oregon 97070

Attention: Mr. Larry Blanchard, Public Works Director

Subject: Construction Bids for
Boberg Road/Barber Road Reconstruction
and Utility Improvements
LID No. 7
CRS SIRRINE Job No. N01183

Gentlemen:

On July 9, 1986, four bids were received on the subject project. A tally of the bids is enclosed along with a tabulation of unit prices and the extensions.

The low bid on Schedule A (the principal portion of LID #7 construction) of \$942, 386.71 was submitted by E. Lee Robinson Construction Company. The low bid on Schedule B (the Boberg Road sanitary sewer interceptor bypass) of \$116, 663.75 was also submitted by E. Lee Robinson. Our estimates for Schedules A and B were \$796,314.00 and \$117,985.00 respectively. The total basic bid amount (Schedule A and Schedule B) is \$1,059,050.46, or about 16 percent over our estimate.

In light of the LID #7 funding constraints (pre-assessments) we recommend that all bids be rejected and that the project be rebid with a later completion date. The completion date should be changed from October 31, 1986 to mid-1987. This change should encourage more bidders and allow prospective contractors to plan more efficient use of crews and equipment. We would expect more bidders and more competitive bidding with this change.

We are returning all bids and bid bonds with this correspondence.

Very truly yours,

CRS SIRRINE, Inc.

Steven E. Simonson, P.E.
Assistant Vice President

SES:nls
0093L

**Bid Tally**

BOBERG ROAD/BARBER ROAD
 RECONSTRUCTION & UTILITY IMPROVEMENTS
 LID NO. 7

BID OPENING July 9, 1986

JOB No. NO1183

CONTRACTOR	AMOUNT BID	REMARKS
E. Lee Robinson Const. Co. 11125 SW Greenburg Road Tigard, Oregon 97223	SCH. A \$ 942,386.71 SCH. A ALT. \$245,390.00	1st
	SCH. B \$ 116,663.75 SCH. C \$ 48,698.00 SCH. D \$ 74,858.00	
Northwest Earthmovers, Inc. 8101 SW Nyberg Road Tualatin, Oregon 97062	SCH. A \$ 964,414.34 SCH. A ALT. \$224,254.60	2nd
	SCH. B \$ 126,599.59 SCH. C \$ 35,479.79 SCH. D \$ 81,751.27	
Oregon Asphaltic Paving Co. 11760 NE Glisan Portland, Oregon 97216	SCH. A \$1,128,675.00 SCH. A Alt. NO BID	3rd
	SCH. B \$ 154,644.50 SCH. C \$ 44,196.00 SCH. D \$ 68,086.85	
Clearwater Construction Co. 9414 SW Barbur Blvd., Ste. 242 Portland, Oregon 97219	SCH. A \$1,163,705.60 SCH. A Alt. NO BID	4th
	SCH. B \$ 213,257.50 SCH. C \$ 50,202.00 SCH. D \$ 77,007.00	
Engineer's Estimate	SCH. A \$ 796,314.00 SCH. B \$ 117,985.00	
	SCH. C \$ 36,115.00 SCH. D \$ 57,370.00	

BID TABULATION

For Construction of Boberg Road/Barber Road Reconstruction and Utility Improvements

LID NO. 7 SCHEDULE A BASE BID

Contract Item No.	Description	Est. Qty.	Engineer Estimate		E. Lee Robinson		NW Earthmovers		Oregon Asphalt Co.		Clearwater Const	
			Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	Clearing and grubbing, Barber Street	Lump Sum	5000	5000	6500	6500	37110	37110	130000	130000	65000	65000
2	Clearing and grubbing, Boberg Road	Lump Sum	10000	10000	22800	22800	65784	65784	6500	6500	65000	65000
3	Pavement demolition	420 c.y.	10	4200	4.75	1995	7.09	2977.8	11	4620	30	12600
4	Curb demolition	120 l.f.	2.5	300	1.34	160.8	1.2	144	1.7	204	2	240
5	Pipeline demolition, waterline or storm sewer	1270 l.f.	8	10160	9.3	11811	3.6	4572	13.5	17145	10	12700
6	Class A pipeline bedding	200 l.f.	25	5000	12.2	2440	20.01	4002	11	2200	15	3000
7	Pipeline excavation below grade and backfill for foundation and stabilization	100 c.y.	20	2000	12.8	1280	24	2400	11	1100	10	1000
8	Trench select backfill in the pipe zone	1000 c.y.	12	12000	12.8	12800	25.34	25340	11	11000	12	12000
9	Pipeline trench select backfill	520 c.y.	10	5200	12.8	6656	25.34	13176.8	11	5720	12	6240
10	Subgrade excavation and leveling course for sidewalks	175 c.y.	20	3500	16	2800	20.7	3622.5	16	2800	20	3500
11	Excavation and select backfill below subgrade	300 c.y.	15	4500	13	3900	17.08	5124	16	4800	12	3600
12	Roadway embankment in place	2750 c.y.	10	27500	3.25	8937.5	1.11	3052.5	8	22000	8	22000
13	Soil Sterilant	1000 lb.	2	2000	2.6	2600	1.2	1200	1	1000	2	2000
14	Topsoil in planting areas	1700 c.y.	6	10200	7	11900	8.4	14280	12	20400	6	10200
15	Crushed aggregate for roadway base	6650 c.y.	12	79800	25.2	167580	15.26	101479	20	133000	23.15	153947.5
16	Crushed aggregate for roadway leveling course	3510 c.y.	14	49140	15.3	53703	16.85	59143.5	20	70200	23.5	82485
17	Asphalt Concrete Pavement	3510 ton	30	105300	31.7	111267	31.75	111442.5	31	108810	34	119340
18	Asphalt Concrete Patch	20 c.y.	80	1600	88	1760	105	2100	75	1500	150	3000

BID TABULATION

For Construction of Boberg Road/Barber Road Reconstruction and Utility Improvements

LID NO. 7 SCHEDULE A BASE BID

Contract Item			Engineer Estimate		E. Lee Robinson		NW Earthmovers		Oregon Asphalt Co.		Clearwater Const	
No.	Description	Est. Qty.	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
26	Furnish and install 12-inch storm sewer laterals	710 l.f.	17	12070	19.25	13667.5	12.49	8867.9	24.5	17395	20	14200
27	Furnish and install 10-inch storm sewer laterals	655 l.f.	14	9170	16	10480	11.21	7342.55	19	12445	19	12445
28	Furnish and install 8-inch storm sewer laterals	50 ea.	12	600	11	550	10.69	534.5	18	900	18	900
29	Furnish and install std. storm sewer manholes	12 ea.	1200	14400	1100	13200	1512	18144	1730	20760	1500	18000
30	Furnish and install storm sewer catch basins	23 ea.	600	13800	525	12075	472.5	10867.5	650	14950	660	15180
31	Connections to existing water mains for water lines or valves, including tapping sleeves and tapping valves of the following:											
	A. 2-inch	1 ea.	300	300	267	267	561.95	561.95	325	325	300	300
	B. 6-inch	6 ea.	600	3600	2023	12138	2314.15	13884.9	1000	6000	1500	9000
	C. 8-inch	2 ea.	900	1800	2166	4332	2482.33	4964.66	1300	2600	1800	3600
	D. 12-inch	3 ea.	1200	3600	2765	8295	3123.9	9371.7	2300	6900	2500	7500
32	Furnish and install waterline extensions of the following sizes:											
	A. 2-inch	20 l.f.	13	260	50	1000	27.18	543.6	17	340	20	400
	B. 6-inch	170 l.f.	16	2720	105	17850	18.54	3151.8	24	4080	25	4250
	C. 8-inch	15 l.f.	20	300	68	1020	23.09	346.35	27	405	30	450
	D. 12-inch	85 l.f.	30	2550	22	1870	27.78	2361.3	33	2805	40	3400
33	Furnish and install fire hydrant assemblies complete	6 ea.	2000	12000	2000	12000	3429.9	20579.4	1700	10200	1600	9600
34	Relocate existing fire hydrants	2 ea.	600	1200	485	970	600	1200	250	500	1000	2000
35	Connections to existing sanitary sewer mains for the following sizes:											
	A. 12-inch by 6-inch	4 ea.	500	2000	375	1500	360	1440	500	2000	800	3200

BID TABULATION

For Construction of Boberg Road/Barber Road Reconstruction and Utility Improvements
 LID NO. 7 SCHEDULE A BASE BID

Contract Item No.	Description	Est. Qty.	Engineer Estimate		E. Lee Robinson		NW Earthmovers		Oregon Asphalt Co.		Clearwater Const	
			Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
19	Concrete curbs	6200 l.f.	3.5	21700	3.37	20894	3.15	19530	3.4	21080	3.8	23560
20	Sidewalks	3020 s.y.	14	42280	11.2	33824	10.12	30562.4	11.25	33975	16	48320
21	Pavement marking											
	A. Bicycle lane traverse lines	230 l.f.	.7	161	1.1	253	1.05	241.5	1.1	253	1.1	253
	B. Bicycle lane separation line	7360 l.f.	.5	3680	.38	2796.8	.37	2723.2	.4	2944	.4	2944
	C. Legend, railroad (thermoelastic)	1 ea.	250	250	131	131	126	126	130	130	130	130
	D. Legend, bicycle (painted)	24 ea.	150	3600	26.25	630	25.2	604.8	26	624	26	624
	E. Crosswalk lines, stop bars, RR crossing lines (thermoelastic)	360 l.f.	5	1800	3.85	1386	3.68	1324.8	3.8	1368	3.8	1368
22	Pavement markers											
	A. Dual-reflectorized markers, yellow	246 ea.	4	984	4.25	1045.5	4.1	1008.6	4.2	1033.2	4.3	1057.8
	B. Non-reflectorized markers, yellow or white	164 ea.	2	328	3.2	524.8	3.05	500.2	3.2	524.8	3.2	524.8
23	Signing											
	A. Street name sign	6 s.f.	25	150	45	270	119.7	718.2	30	180	20	120
	B. Traffic control sign wood post	150 s.f.	25	3750	20.25	3037.5	23.06	3459	12	1800	20	3000
	C. Traffic control sign pipe post	19 s.f.	30	570	38.25	726.75	2.42	45.98	20	380	19	361
	D. Remove existing street signs	7 ea.	50	350	22	154	52.5	367.5	50	350	50	350
	E. Replace existing street signs	6 ea.	100	600	22	132	105	630	75	450	50	300
24	Furnish and install storm sewers including excavation, Class B bedding and backfill for the following sizes:											
	A. 24-inch	673 l.f.	25.00	16825.00	28.75	19348.75	22.34	15034.82	46.00	30958.00	29.00	19517.00
	B. 21-inch	1242 l.f.	23.00	28566.00	25.75	31981.50	17.94	22281.48	42.00	52164.00	23.00	28566.00
	C. 18-inch	1457 l.f.	20.00	29140.00	25.33	36905.81	17.36	25293.52	36.00	52452.00	22.00	32054.00
25	Furnish and install storm sewer branches, wyes or tees for the following sizes:											
	A. 24-inch by 10-inch	8 ea.	120	960	75	600	157.18	1257.44	140	1120	150	1200
	B. 21-inch by 12-inch	7 ea.	110	770	73	511	153.18	1072.26	140	980	175	1225
	C. 21-inch by 10-inch	11 ea.	105	1155	67	737	146.76	1614.36	135	1485	170	1870
	D. 18-inch by 12-inch	9 ea.	100	900	80	720	155.48	1399.32	135	1215	180	1620
	E. 18-inch by 10-inch	4 ea.	100	400	75	300	148.95	595.8	115	460	150	600
	F. 18-inch by 8-inch	1 ea.	95	95	65	65	138.78	138.78	110	110	140	140

BID TABULATION

For Construction of Boberg Road/Barber Road Reconstruction and Utility Improvements

LID NO. 7 SCHEDULE A BASE BID
(BT-1)

Contract Item No.	Description	Est. Qty.	Engineer Estimate E. Lee Robinson		NW Earthmovers		Oregon Asphalt Co.		Clearwater Const			
			Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total		
45	Culvert crossing of Boberg Road at Sta 8+86, two 42-inch pipes complete, including bedding, backfill, headwall, and removal of existing culvert	Lump Sum	10000	10000	20000	20000	26530.09	26530.09	19000	19000	21900	21900
46	Culvert crossing of Boberg Road at Sta 26+92, 24-inch pipe complete, including bedding, backfill, and removal of existing culvert	Lump Sum	2800	2800	10000	10000	5292	5292	5800	5800	4900	4900
47	Relocate light pole and base at Barber Road Sta. 4+25	Lump Sum	500	500	1700	1700	1200	1200	500	500	1000	1000
48	Relocate existing mailboxes	6 ea.	50	300	65	390	72	432	100.	600	100	600
TOTAL SCHEDULE A BASE BID				796314		942386.7		964414.3		1128675		1163706.

SCHEDULE A ALTERNATE BID

Contract Item No.	Description	Est. Qty.	Engineer Estimate E. Lee Robinson		NW Earthmovers		Oregon Asphalt Co.		Clearwater Const			
			Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total		
1A.	Portland Cement Concrete Pavement	16340 s.y.			13.5	220590	12.29	200818.6				
1B.	Concrete curb and gutter	6200 l.f.			4	24800	3.78	23436				
TOTAL SCHEDULE A ALTERNATE BID						245390		224254.60		NO BID		NO BID

BID TABULATION

For Construction of Boberg Road/Barber Road Reconstruction and Utility Improvements

LTD NO. 7 SCHEDULE A BASE BID

Contract			Engineer Estimate E. Lee Robinson NW Earthovers Oregon Asphalt Co. Clearwater Const									
Item			Unit Price		Total Unit Price		Total Unit Price		Total Unit Price		Total	
No.	Description	Est. Qty.	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
36	Furnish and install 6-inch sanitary sewer laterals	230 l.f.	14	3220	20	4600	13.38	3077.4	31	7130	40	9200
37	Conduit trench	8320 l.f.	4	33280	5.5	45760	7.62	63398.4	9.5	79040	7.8	64896
38	Conduit trench select backfill	490 c.y.	10	4900	14	6860	15.75	7717.5	13.5	6615	16	7840
39	Furnish and install rigid steel bends for conduit of the following sizes:											
	A. 6-inch	10 ea.	220	2200	220	2200	231	2310	240	2400	235	2350
	B. 4-inch	80 ea.	120	9600	120	9600	126	10080	135	10800	130	10400
40	Furnish and install underground electrical conduits, including sand bedding and sand cover for the following sizes:											
	A. 6-inch	6250 l.f.	3	18750	2.75	17187.5	2.18	13625	2.85	17812.5	2.2	13750
	B. 4-inch	23450 l.f.	2	46900	1.6	37520	1.33	31188.5	1.85	43382.5	1.35	31657.5
	C. 2-inch	15800 l.f.	1	15800	.65	10270	.66	10428	.6	9480	.7	11060
41	Furnish and install electrical vaults, including excavation, bedding and backfill for the following sizes:											
	A. 5106 LA	9 ea.	3000	27000	3300	29700	3987.9	35891.1	3175	28575	4150	37350
	B. 577 LA	1 ea.	1500	1500	1700	1700	2997.75	2997.75	1700	1700	3100	3100
	C. 506 LA	10 ea.	1500	15000	1700	17000	1627.5	16275	1400	14000	1700	17000
	D. 4484 TA	6 ea.	3000	18000	2500	15000	2520	15120	2160	12960	2600	15600
42	Furnish and install lighting junction boxes	34 ea.	120	4080	130	4420	157.5	5355	110	3740	180	6120
43	Culvert crossing of railroad, 42-inch pipe complete, including bedding, backfill and railroad ballast	Lump Sum	2900	2900	4400	4400	11844	11844	5400	5400	47600	47600
44	Culvert crossing of access road, two 42-inch pipes complete, including bedding, backfill and removal of existing culvert	Lump Sum	2800	2800	5000	5000	10009.93	10009.93	8100	8100	5400	5400

BID TABULATION

For Construction of Boberg Road/Barber Road Reconstruction and Utility Improvements

LID NO. 7 SCHEDULE B BASE BID

Contract Item			Engineer Estimate		E. Lee Robinson		NW Earthovers		Oregon Asphalt Co		Clearwater Const	
No.	Description	Est. Qty.	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	Clearing and grubbing, Sta 0+00 to 25+66	Luap Sum	10000	10000	800	800	8280	8280	5400	5400	30000	30000
2	Pipeline demolition	750 l.f.	10	7500	2.4	1800	3.6	2700	13.5	10125	12	9000
3	Class A pipeline bedding	100 l.f.	25	2500	4.5	450	20.01	2001	11	1100	15	1500
4	Pipeline excavation below grade and backfill for foundation and stabilization	60 c.y.	20	1200	11.75	705	24	1440	11	660	15	900
5	Trench select backfill in the pipe zone	500 c.y.	12	6000	15	7500	25.34	12670	11	5500	12	6000
6	Pipeline trench select backfill	670 c.y.	10	6700	14.5	9715	25.34	16977.8	11	7370	12	8040
7	Furnish and install sanitary sewers including excavation, Class B bedding and backfill for the following sizes:											
	F. 15-inch	1730 l.f.	25	43250	29	50170	21.39	37004.7	34	58820	38	45740
	G. 12-inch	750 l.f.	20	15000	24	18000	18.38	13785	32.5	24375	37	27750
8	Connect to existing manhole at Sta 0+00	Luap Sum	500	500	550	550	600	600	450	450	1000	1000
9	Connect to existing manhole at Sta 25+74 and install diversion piping and gate	Luap Sum	2000	2000	1500	1500	1200	1200	450	450	7500	7500
10	Furnish and install standard sanitary sewer manholes	8 ea.	1500	12000	1100	8800	1320	10560	1730	13840	2500	20000
11	Exfiltration testing of 15-inch pipe	1785 l.f.	1	1785	.25	446.25	.6	1071	2.7	4819.5	1.5	2677.5
12	Exfiltration testing of 12-inch pipe	750 l.f.	1	750	.25	187.5	.6	450	2.7	2025	1	750
13	Manhole leak testing	8 ea.	100	800	130	1040	120	960	270	2160	300	2400
14	Furnish and install bored and jacked railroad crossing between Sta 11+44 and Sta 11+99	Luap Sum	8000	8000	15000	15000	16900.7 16900.09	16900.7 16900.09	17550	17550	30000	30000
TOTAL SCHEDULE B BASE BID				117985		116663.8		126599.59 126600.4		154644.5		213257.5

BID TABULATION

For Construction of Boberg Road/Barber Road Reconstruction and Utility Improvements

LID NO. 7 SCHEDULE C ADDITIVE ALTERNATE

Contract Item			Engineer Estimate		E. Lee Robinson		NW Earthmovers		Oregon Asphalt Co		Clearwater Const	
No.	Description	Est. Qty.	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	Landscape removal and replacement, Sta 0+40 to Sta 6+97	Lump Sum	5000	5000	12500	12500	6900	6900	3300	3300	10000	10000
2	Pipeline excavation below grade and backfill for foundation and stabilization	20 c.y.	20	400	15	300	24	480	11	220	12	240
3	Trench select backfill in the pipe zone	220 c.y.	12	2640	15	3300	25.34	5574.8	11	2420	15	3300
4	Pipeline trench select backfill	150 c.y.	10	1500	16	2400	25.34	3801	11	1650	15	2250
5	Furnish and install 24-inch storm sewer including excavation, Class B bedding and backfill	711 l.f.	25	17775	38	27018	21.09	14994.99	46	32706	42	29862
6	Furnish and install std. storm sewer manholes	2 ea.	1200	2400	1300	2600	1452	2904	1730	3460	1700	3400
7	Crushed aggregate for roadway base replacement	10 c.y.	600	6000	18	180	30	300	22	220	15	150
8	Asphalt concrete patch	5 c.y.	80	400	80	400	105	525	44	220	200	1000
TOTAL SCHEDULE C ADDITIVE ALTERNATE BID				36115		48698		35479.79		44196		50202

BID TABULATION

For Construction of Boberg Road/ Barber Road Reconstruction and Utility Improvements

LID NO. 7

SCHEDULE D

ADDITIVE ALTERNATE

Contract Item No.	Description	Est. Qty.	Engineer Estimate		E. Lee Robinson		NW Earthmovers		Oregon Asphalt Co		Clearwater Const	
			Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total		
1	Pavement demolition	170 c.y.	10	1700	17.5	2975	36.2	6154	11	1870	30	5100
2	Excavation and backfill below subgrade	100 c.y.	20	2000	15	1500	17.08	1708	16	1600	12	1200
3	Crushed aggregate for roadway base	1400 c.y.	12	16800	25	35000	26.76	37464	20	28000	23.15	32410
4	Crushed aggregate for roadway leveling course	165 c.y.	14	2310	16	2640	20.45	3374.25	20	3300	23.5	3877.5
5	Asphalt Concrete Pavement	870 ton	32	27840	31.2	27144	31.75	27622.5	33	28710	34	29580
6	Pavement Marking and Signing											
	1. Mono-reflectorized markers, white	40 ea.	3	120	4	160	4.1	164	4.25	170	4.3	172
	2. Dual-reflectorized markers, yellow	75 ea.	4	300	4	300	4.1	307.5	4.25	318.75	4.3	322.5
	3. Non-reflectorized markers, yellow or white	370 ea.	2	740	3	1110	3.05	1128.5	3.1	1147	3.2	1184
	4. Pavement arrows	15 ea.	180	2700	65	975	63	945	65	975	65	975
	5. Legend	4 ea.	190	760	132	528	126	504	130	520	130	520
	6. Crosswalk lines	120 l.f.	5	600	4	480	3.68	441.6	3.8	456	3.8	456
	7. Traffic control sign (wood post)	32 s.f.	25	800	38	1216	23.06	737.92	10	320	20	640
7	Adjust existing manhole frames and covers	6 ea.	100	600	110	660	180	1080	100	600	75	450
8	Adjust existing valve boxes and manuaents	2 ea.	50	100	85	170	60	120	50	100	60	120
TOTAL SCHEDULE D ADDITIVE ALTERNATE BID				57370		74858		81751.27		68086.75		77007