RESOLUTION NO. 1698

A RESOLUTION OF THE CITY OF WILSONVILLE APPROVING THE BID PROCESS; ACCEPTING THE LOWEST RESPONSIBLE BID; AWARDING THE CONTRACT TO KERR CONTRACTORS, INC. THE LOWEST RESPONSIBLE BIDDER; VERIFYING FUND AVAILABILITY; FOR THE PROJECT KNOWN AS WILSONVILLE ROAD PHASE 2A.

WHEREAS, the City approved a motion at a regular meeting in June, 2000, for the 2000/01 fiscal year, adopting an appropriation of \$400,000 for the Wilsonville Road Phase 2A Project; and

WHEREAS, the Wilsonville Road Phase 2A Project was duly advertised for competitive bids in the Daily Journal of Commerce, a newspaper of general circulation; and

WHEREAS, nine (9) sealed bids were received prior to 1 p.m., local time, on March 20, 2001, at the Community Development Department, 8445 SW Elligsen Road, Wilsonville, Oregon. Bids were then opened individually and separately read aloud after 1 p.m., local time, March 20, 2001. The design engineer's recommendation and summary of bids is marked "Exhibit A", attached hereto and incorporated herein; and

WHEREAS, the lowest bid of \$253,770.60 by Kerr Contractors, Inc. is, upon recommendation of the City Engineer, responsive and balanced, satisfactory in all respects; and

WHEREAS, in the public interest the City Council acting as the Local Contract Review Board may exercise its rights to reject any bids and waive informalities as reserved in its Notice To Bid; and

WHEREAS, the City of Wilsonville desires to execute a Construction Contract Agreement in a timely manner.

NOW, THEREFORE, THE CITY OF WILSONVILLE RESOLVES AS FOLLOWS:

- 1. The City Council acting as the Local Contract Review Board finds and concludes:
 - a. The recital of findings above are incorporated by reference herein.
 - b. The bid of 253,770.60 is deemed responsive. Kerr Contractors, Inc. is the lowest responsible bidder and is qualified for the work.
- 2. Subject to the final review and approval of the City Engineer and in accordance with the provisions of the Oregon Revised Statutes, Chapter 279, Public Bids and Contracting and Wilsonville Code 2.3.14, Contracts with the City, and the Attorney General's Model rules

which the City has adopted as its contracting rules; the City Council acting as the contract Review Board hereby awards the contract for the Wilsonville Road Phase 2A Project to Kerr Contractors, Inc., the lowest responsible bidder in the amount of \$253,770.60.

- 3. Subject to final completion of all improvements specified in the contract documents and any supplemental changes, the City Engineer is authorized to certify the required improvements complete and make final payment including release of retainage.
- 4. The city Engineer is authorized to approve change orders to this contract so long as total project costs do not exceed the budget amount.
 - 5. Authorize the expenditure of project funds as budgeted or amended from:

<u>ACCOUNT</u>	<u>AMOUNT</u>
900-49130-5000-487	\$400,000

ADOPTED by the Wilsonville City Council at a regular meeting thereof this 2nd day of April, 2001, and filed with the Wilsonville City Recorder this date.

CHARLOTTE LEHAN, Mayor

ATTEST:

Sandra C. King, City Recorder, CMC

SUMMARY OF VOTES:

Mayor Lehan

Yes Yes

Councilor Helser Councilor Barton

Excused

Councilor Kirk

Yes

Councilor Holt

<u>Yes</u>

PROJECT: WILSONVILLE ROAD - PHASE 2A

OWNER: CITY OF WILSONVILLE
OPENING DATE: 3-20-2001 1:00pm

ITEM O	OPENING DATE: 3-20-2001 1:00pm ENGINEER'S EST.			1 - Kerr Contractors 2 - GVS Contracting			3 - Excel (Excavation	4 - NW Earthmovers		5 - Nutter Corp.		
	ITEM QUAN. UNIT DESCRIPTION UNIT PRICE TOTAL							UNIT PRICE TOTAL		UNIT PRICE TOTAL		UNIT PRICE TOTAL	
				<u> </u>				<u> </u>				1	
STREET	T WORK												
1.	L.S. Mobilization	i T	37,000.00		21,165.00		16,000.00		15,000.00		26,800.00	Î I	29,649.
2.	L.S. Temp. Traffic Control Devices	1	5,000.00		7,200.00		1,500.00		4,200.00		2,900.00		1,500.
3.	400 HRS. Temp. Traffic Control Labor	35.00	14,000.00	31.00	12,400.00	33.00	13,200.00	38.00	15,200.00	36.70	14,680.00	30.00	12,000.
4.	L.S. Clearing and Grubbing	1	10,000.00		750.00		1,900.00		4,550.00		3,700.00		7,500.
5.	338 C.Y. Unclassified Excavation	20.00	6,760.00	7.00	2,366.00	17.00	5,746.00	25.00	8,450.00	6.60	2,230.80	10.00	3,380
6.	825 S.Y. Untreated Subgrade	1.50	1,237.50	1.50	1,237.50	2.00	1,650.00	1.30	1,072.50		825.00		1,650
7.	1,000 C.Y. Imported Embankment	25.00	25,000.00	7.00	7,000.00	12.00	12,000.00	25.00	25,000.00	1.90	1,900.00	6.00	6,000
8.	965 S.Y. 2" of Class "C" A.C. Pavement	4.50	4,342.50	5.10	4,921.50	7.00	6,755.00	7.00	6,755.00	5.60	5,404.00	5.60	5,404
9.	825 S.Y. 5" of Class "B" A.C. Pavement	12.50	10,312.50	12.70	10,477.50	14.00	11,550.00	14.50	11,962.50		10,642.50		11,550
10.	56 C.Y. 3/4"-0 Leveling Course Rock	28.50	1,596.00	40.00	2,240.00	40.00	2,240.00	39.00	2,184.00	39.90	2,234.40		2,240
11.	227 C.Y. 1-1/2"-0 Base Rock	26.50	6,015.50	24.00	5,448.00	20.00	4,540.00	29.00	6,583.00	25.90	5,879.30	25.00	5,675
12.	414 L.F. Sawcut Exist. Pavement	4.50	1,863.00	1.00	414.00	1.00	414.00	1.00	414.00	1.00	414.00	1.00	414
13.	90 C.Y. Import Subgrade Stab. Rock (If Nec.)	37.00	3,330.00	25.00			1,800.00	15.00	1,350.00		3,132.00		2,160
14.	500 S.Y. Soil Stabilization Geotextile (If Nec.)	1.20	600.00	0.70	350.00	1.00	500.00	1.00	500.00	1.00	500.00	0.70	350
	TOTAL STREET WORK	1	127,057.00		78,219.50		79,795.00		103,221.00		81,242.00		89,472
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ONCRE	ETE WORK	1				1				<u> </u>		<u> </u>	
1.	365 L.F. Cement Concrete Curb and Gutter	20.00	7,300.00	12.40	4,526.00	13.00	4,745.00	14.00	5,110.00	9.10	3,321.50	20.00	7,300
2.	38 L.F. Cement Concrete Vertical Curb	12.00	456.00				646.00	14.00	532.00	10.80	410.40	25.00	950
3.	10 L.F. Extruded Cement Concrete Curb	10.00	100.00	20.00	200.00	12.00	120.00	14.00	140.00	49.50	495.00		130
4.	60 S.Y. Concrete Driveways	45.00	2,700.00	31.50	1,890.00	25.00	1,500.00	13.50	810.00	39.10	2,346.00	50.00	3,00
5.	399 S.Y. Concrete Sidewalk (Incl. Ramps)	35.00	13,965.00	25.10	10,014.90	23.00	9,177.00	12.50	4,987.50	28.20	11,251.80	30.00	11,97
	TOTAL CONCRETE WORK		24,521.00		17,542.90		16,188.00		11,579.50		17,824.70		23,35
		1 -		1		1 · '		1 '		1 '		1 '	
TORM	SEWER					İ						i	
1.	57 L.F. [12" Storm Main (Imported Backfill)	55.00	3,135.00	34.00	1,938.00	120.00	6,840.00	61.00	3,477.00	59.70	3,402.90	100.00	5,700
2.	1 EA. Gutter Inlet (Type 2-1/2 A)	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,250.00	1,250.00	1,300.00	1,300.00	1,000.00	1,000
3.	57 L.F. Trench Protection	7.00	399.00	1.00	57.00	1.00	57.00	0.10	5.70	1.00	57.00	5.00	285
	TOTAL STORM SEWER		5,034.00		3,495.00		8,397.00		4,732.70		4,759.90		6,985
		1 -		1		1		1 '		1		1 '	
ATED													
	SYSTEM							1		1			
	SYSTEM 2 FA Relocate Exist 3/4" Water Service	500.00	1.000.00	500.00	1,000.00	700.00	1,400.00	450.00	900.00	580.00	1,160.00	1,500.00	3,000
1.	2 EA. Relocate Exist. 3/4" Water Service	500.00 500.00	1,000.00				1,400.00 900.00		900.00		1,160.00 740.00		
	2 EA. Relocate Exist. 3/4" Water Service 1 EA. Relocate Existing 1" Water Service		500.00	550.00	550.00	900.00	900.00	550.00	550.00	740.00	740.00	1,600.00	1,600
1.	2 EA. Relocate Exist. 3/4" Water Service			550.00		900.00		550.00		740.00		1,600.00	1,600
1.	2 EA. Relocate Exist. 3/4" Water Service 1 EA. Relocate Existing 1" Water Service TOTAL WATER SYSTEM		500.00	550.00	550.00	900.00	900.00	550.00	550.00	740.00	740.00	1,600.00	1,60
1. 2. ONDUI	2 EA. Relocate Exist. 3/4" Water Service 1 EA. Relocate Existing 1" Water Service TOTAL WATER SYSTEM	500.00	500.00 1,500.00	550.00	550.00 1,550.00	900.00	900.00 2,300.00	550.00	550.00 1,450.00	740.00	740.00 1,900.00	1,600.00	1,600 4,600
1. 2. ONDUI	2 EA. Relocate Exist. 3/4" Water Service 1 EA. Relocate Existing 1" Water Service TOTAL WATER SYSTEM IT SYSTEM AND VAULTS 1,420 L.F. Trench Excavation		500.00 1,500.00 12,070.00	550.00	550.00 1,550.00 19,880.00	900.00	900.00 2,300.00 26,980.00	550.00 11.00	550.00 1,450.00 15,620.00	740.00	740.00 1,900.00 15,052.00	1,600.00	1,600 4,600 14,200
1. 2. ONDUI 1. 2.	2 EA. Relocate Exist. 3/4" Water Service 1 EA. Relocate Existing 1" Water Service TOTAL WATER SYSTEM IIT SYSTEM AND VAULTS 1,420 L.F. Trench Excavation L.S. Jacking 24" Steel Casing	8.50	12,070.00 30,000.00	550.00	550.00 1,550.00 19,880.00 9,500.00	900.00	900.00 2,300.00 26,980.00 11,000.00	550.00 11.00	550.00 1,450.00 15,620.00 5,500.00	740.00	740.00 1,900.00 15,052.00 15,500.00	1,600.00	1,600 4,600 14,200 7,000
1. 2. ONDUI 1. 2. 3.	2 EA. Relocate Exist. 3/4" Water Service 1 EA. Relocate Existing 1" Water Service TOTAL WATER SYSTEM IT SYSTEM AND VAULTS 1,420 L.F. Trench Excavation L.S. Jacking 24" Steel Casing 450 L.F. Utility Trench Pavement Restoration	8.50 20.00	12,070.00 30,000.00 9,000.00	550.00 14.00 11.50	19,880.00 9,500.00 5,175.00	900.00 19.00 11.00	900.00 2,300.00 26,980.00 11,000.00 4,950.00	11.00 17.00	550.00 1,450.00 15,620.00 5,500.00 7,650.00	740.00 10 10.60 16.80	740.00 1,900.00 15,052.00 15,500.00 7,560.00	1,600.00	1,60 4,60 14,20 7,00 11,25
1. 2. ONDUI 1. 2. 3.	2 EA. Relocate Exist. 3/4" Water Service 1 EA. Relocate Existing 1" Water Service TOTAL WATER SYSTEM IT SYSTEM AND VAULTS 1,420 L.F. Trench Excavation L.S. Jacking 24" Steel Casing 450 L.F. Utility Trench Pavement Restoration 44 L.F. Utility Trench Sidewalk Restoration	8.50 20.00 20.00	12,070.00 30,000.00 9,000.00 880.00	14.00 11.50 12.20	550.00 1,550.00 1,550.00 19,880.00 9,500.00 5,175.00 536.80	19.00 11.00 21.00	900.00 2,300.00 26,980.00 11,000.00 4,950.00 924.00	11.00 17.00 20.00	550.00 1,450.00 15,620.00 5,500.00 7,650.00 880.00	740.00 10.60 16.80 29.10	740.00 1,900.00 15,052.00 15,500.00 7,560.00 1,280.40	1,600.00 10.00 25.00 25.00	1,60 4,60 14,20 7,00 11,25 1,10
1. 2. ONDUI 1. 2. 3. 4.	2 EA. Relocate Exist. 3/4" Water Service 1 EA. Relocate Existing 1" Water Service TOTAL WATER SYSTEM IT SYSTEM AND VAULTS 1,420 L.F. Trench Excavation L.S. Jacking 24" Steel Casing 450 L.F. Utility Trench Pavement Restoration 44 L.F. Utility Trench Sidewalk Restoration 2 EA. PGE Vault (660-VT)	8.50 20.00 20.00 2,000.00	12,070.00 30,000.00 9,000.00 4,000.00	14.00 11.50 12.20 2,300.00	550.00 1,550.00 1,550.00 19,880.00 9,500.00 5,175.00 536.80 4,600.00	19.00 11.00 21.00 1,750.00	900.00 2,300.00 26,980.00 11,000.00 4,950.00 924.00 3,500.00	11.00 17.00 20.00 2,100.00	550.00 1,450.00 15,620.00 5,500.00 7,650.00 880.00 4,200.00	740.00 10.60 10.60 29.10 3,100.00	740.00 1,900.00 15,052.00 15,500.00 7,560.00 1,280.40 6,200.00	1,600.00 10.00 25.00 25.00 2,900.00	1,60 4,60 14,20 7,00 11,25 1,10 5,80
1. 2. ONDUI 1. 2. 3. 4. 5. 6.	2 EA. Relocate Exist. 3/4" Water Service 1 EA. Relocate Existing 1" Water Service TOTAL WATER SYSTEM IIT SYSTEM AND VAULTS 1,420 L.F. Trench Excavation L.S. Jacking 24" Steel Casing 450 L.F. Utility Trench Pavement Restoration 44 L.F. Utility Trench Sidewalk Restoration 2 EA. PGE Vault (660-VT) 1 EA. PGE Vault (504-PGE)	8.50 20.00 20.00 2,000.00 2,000.00 2,500.00	12,070.00 1,500.00 12,070.00 30,000.00 9,000.00 880.00 4,000.00 2,500.00	14.00 11.50 12.20 2,300.00 950.00	550.00 1,550.00 1,550.00 19,880.00 9,500.00 5,175.00 536.80 4,600.00 950.00	19.00 11.00 21.00 1,750.00 1,850.00	900.00 2,300.00 26,980.00 11,000.00 4,950.00 924.00 3,500.00 1,850.00	11.00 17.00 20.00 2,100.00 1,100.00	550.00 1,450.00 15,620.00 5,500.00 7,650.00 880.00 4,200.00 1,100.00	740.00 10.60 16.80 29.10 3,100.00 1,600.00	740.00 1,900.00 15,052.00 15,500.00 7,560.00 1,280.40 6,200.00 1,600.00	1,600.00 10.00 25.00 25.00 2,900.00 1,600.00	1,60 4,60 14,20 7,00 11,25 1,10 5,80 1,60
1. 2. ONDUI 1. 2. 3. 4. 5. 6. 7.	2 EA. Relocate Exist. 3/4" Water Service 1 EA. Relocate Existing 1" Water Service TOTAL WATER SYSTEM IIT SYSTEM AND VAULTS 1,420 L.F. Trench Excavation L.S. Jacking 24" Steel Casing 450 L.F. Utility Trench Pavement Restoration 44 L.F. Utility Trench Sidewalk Restoration 2 EA. PGE Vault (660-VT) 1 EA. PGE Vault (504-PGE) 1 EA. PGE Vault (5106)	8.50 20.00 20.00 2,000.00	12,070.00 30,000.00 9,000.00 4,000.00	550.00 14.00 11.50 12.20 2,300.00 950.00 4,200.00	550.00 1,550.00 1,550.00 9,500.00 5,175.00 536.80 4,600.00 950.00 4,200.00	900.00 19.00 11.00 21.00 1,750.00 1,850.00	900.00 2,300.00 26,980.00 11,000.00 4,950.00 924.00 3,500.00 1,850.00 4,000.00	11.00 17.00 20.00 2,100.00 1,100.00 3,850.00	550.00 1,450.00 15,620.00 5,500.00 7,650.00 880.00 4,200.00 1,100.00 3,850.00	740.00 10.60 10.60 10.60 10.29.10 10.600.00 1.600.00 1.500.00	740.00 1,900.00 15,052.00 15,500.00 7,560.00 1,280.40 6,200.00 1,600.00 5,500.00	1,600.00 10.00 25.00 25.00 2,900.00 1,600.00 5,200.00	1,60 4,60 14,20 7,00 11,25 1,10 5,80 1,60 5,20
1. 2. ONDUI 1. 2. 3. 4. 5. 6. 7. 8.	2 EA. Relocate Exist. 3/4" Water Service 1 EA. Relocate Existing 1" Water Service TOTAL WATER SYSTEM IT SYSTEM AND VAULTS 1,420 L.F. Trench Excavation L.S. Jacking 24" Steel Casing 450 L.F. Utility Trench Pavement Restoration 44 L.F. Utility Trench Sidewalk Restoration 2 EA. PGE Vault (660-VT) 1 EA. PGE Vault (504-PGE) 1 EA. PGE Vault (5108) 1 EA. Verizon Pedestal	8.50 20.00 20.00 2,000.00 2,500.00 4,500.00	500.00 1,500.00 12,070.00 30,000.00 9,000.00 880.00 4,000.00 4,500.00	14.00 11.50 11.50 2,300.00 950.00 4,200.00	550.00 1,550.00 1,550.00 9,500.00 5,175.00 536.80 4,600.00 950.00 4,200.00	900.00 19.00 11.00 21.00 1,750.00 1,850.00 4,000.00	900.00 2,300.00 26,980.00 11,000.00 4,950.00 924.00 3,500.00 4,000.00 800.00	11.00 17.00 20.00 2,100.00 1,100.00 3,850.00 250.00	550.00 1,450.00 15,620.00 5,500.00 7,650.00 880.00 4,200.00 1,100.00 3,850.00 250.00	740.00 10.60	740.00 1,900.00 15,052.00 15,500.00 7,560.00 1,280.40 6,200.00 5,500.00 275.00	1,600.00 10.00 25.00 25.00 2,900.00 1,600.00 5,200.00 260.00	1,60 4,60 14,20 7,00 11,25 1,10 5,80 1,60 5,20
1. 2. ONDUI 1. 2. 3. 4. 5. 6. 7. 8. 9.	2 EA. Relocate Exist. 3/4" Water Service 1 EA. Relocate Existing 1" Water Service TOTAL WATER SYSTEM IT SYSTEM AND VAULTS 1,420 L.F. Trench Excavation L.S. Jacking 24" Steel Casing 450 L.F. Utility Trench Pavement Restoration 44 L.F. Utility Trench Sidewalk Restoration 2 EA. PGE Vault (660-VT) 1 EA. PGE Vault (504-PGE) 1 EA. PGE Vault (5106) 1 EA. Verizon Pedestal 4,441 L.F. 2" P.V.C. Conduit	8.50 20.00 20.00 2,000.00 2,500.00 4,500.00	500.00 1,500.00 1,500.00 12,070.00 30,000.00 9,000.00 880.00 4,000.00 4,500.00 2,500.00	550.00 14.00 11.50 12.20 2,300.00 950.00 4,200.00 300.00	550.00 1,550.00 1,550.00 9,500.00 5,175.00 536.80 4,600.00 950.00 4,200.00 5,329.20	900.00 19.00 11.00 21.00 1,750.00 1,850.00 4,000.00 800.00	900.00 2,300.00 26,980.00 11,000.00 4,950.00 924.00 3,500.00 1,850.00 4,000.00 800.00 8,882.00	11.00 17.00 20.00 2,100.00 1,100.00 3,850.00 250.00	550.00 1,450.00 15,620.00 5,500.00 7,650.00 880.00 4,200.00 1,100.00 3,850.00 250.00 4,441.00	740.00 10.60 1 10.60 1 16.80 29.10 3,100.00 1,600.00 5,500.00 275.00 2.00	740.00 1,900.00 15,052.00 15,500.00 7,560.00 1,280.40 6,200.00 1,600.00 275.00 8,882.00	1,600.00 10.00 25.00 25.00 2,900.00 1,600.00 5,200.00 260.00 2.00	1,60 4,60 14,20 7,00 11,25 1,10 5,80 1,60 5,20 26 8,88
1. 2. ONDUI 1. 2. 3. 4. 5. 6. 7. 8. 9. 10.	2 EA. Relocate Exist. 3/4" Water Service 1 EA. Relocate Existing 1" Water Service TOTAL WATER SYSTEM IT SYSTEM AND VAULTS 1,420 L.F. Trench Excavation L.S. Jacking 24" Steel Casing 450 L.F. Utility Trench Pavement Restoration 44 L.F. Utility Trench Belowalk Restoration 2 EA. PGE Vault (660-VT) 1 EA. PGE Vault (504-PGE) 1 EA. PGE Vault (5106) 1 EA. Verizon Pedestal 4,441 L.F. 2" P.V.C. Conduit 340 L.F. 3" P.V.C. Conduit	8.50 20.00 20.00 2,000.00 2,500.00 4,500.00 6.00 7.00	500.00 1,500.00 1,500.00 30,000.00 9,000.00 4,000.00 2,500.00 4,500.00 26,646.00 2,380.00	14.00 11.50 12.20 2,300.00 950.00 4,200.00 1.22 0 1.22 0 2.300.00	550.00 1,550.00 9,500.00 5,175.00 4,600.00 950.00 4,200.00 5,329.20	900.00 19.00 11.00 21.00 1,750.00 1,850.00 4,000.00 800.00 2.00 2.50	900.00 2,300.00 11,000.00 4,950.00 924.00 3,500.00 1,850.00 4,000.00 8,000.00 8,882.00	11.00 17.00 20.00 2,100.00 1,100.00 3,850.00 250.00 1.00	550.00 1,450.00 1,450.00 5,500.00 7,650.00 4,200.00 1,100.00 3,850.00 250.00 4,441.00	740.00 10.60 16.80 29.10 3,100.00 1,600.00 5,500.00 275.00 200 3.50	740.00 1,900.00 15,052.00 15,500.00 7,560.00 1,280.40 6,200.00 1,600.00 5,500.00 275.00 8,882.00	1,600.00 10.00 25.00 25.00 2,900.00 1,600.00 5,200.00 280.00 2.00 3.30	1,60 4,60 14,20 7,00 11,25 1,10 5,80 1,60 5,20 26 8,88 1,12
1. 2. ONDUI 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11.	2 EA. Relocate Exist. 3/4" Water Service 1 EA. Relocate Existing 1" Water Service TOTAL WATER SYSTEM IIT SYSTEM AND VAULTS 1,420 L.F. Trench Excavation L.S. Jacking 24" Steel Casing 450 L.F. Utility Trench Pavement Restoration 44 L.F. Utility Trench Sidewalk Restoration 2 EA. PGE Vault (660-VT) 1 EA. PGE Vault (504-PGE) 1 EA. PGE Vault (5106) 1 EA. Verizon Pedestal 4,441 L.F. 2" P.V.C. Conduit 340 L.F. 3" P.V.C. Conduit 3,028 L.F. 4" P.V.C. Conduit	8.50 20.00 20.00 2,000.00 2,500.00 4,500.00 6.00 7.00 8.00	500.00 1,500.00 1,500.00 30,000.00 9,000.00 880.00 2,500.00 4,500.00 26,646.00 2,380.00 24,224.00	14.00 111.50 12.20 2,300.00 950.00 4,200.00 300.00 1.20 2.50	550.00 1,550.00 9,500.00 5,175.00 536.8 4,600.00 950.00 4,200.00 300.00 5,329.00 5,329.00 7,267.20	900.00 19.00 11.00 21.00 1,750.00 1,850.00 4,000.00 800.00 2.00 2.50 2.60	900.00 2,300.00 11,000.00 4,950.00 924.00 1,850.00 4,000.00 800.00 8,882.00 7,872.80	11.00 17.00 20.00 2,100.00 1,100.00 3,850.00 250.00 1.00 1.60	550.00 1,450.00 1,450.00 1,450.00 5,500.00 7,650.00 880.00 1,100.00 3,850.00 250.00 4,441.00 6,056.00	740.00 10.60 16.80 29.10 3,100.00 1,600.00 5,500.00 275.00 2.00 3.50 4.20	740.00 1,900.00 15,052.00 15,500.00 7,560.00 1,280.40 6,200.00 1,600.00 275.00 8,882.00 1,190.00	1,600.00 10.00 25.00 25.00 2,900.00 1,600.00 5,200.00 2,00 2,00 3,30 4,00	1,60 4,60 7,00 11,25 1,10 5,80 1,60 5,20 26 8,88 1,12
1. 2. ONDUI 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12.	2 EA. Relocate Exist. 3/4" Water Service 1 EA. Relocate Existing 1" Water Service TOTAL WATER SYSTEM IT SYSTEM AND VAULTS 1,420 L.F. Trench Excavation L.S. Jacking 24" Steel Casing 450 L.F. Utility Trench Pavement Restoration 44 L.F. Utility Trench Sidewalk Restoration 2 EA. PGE Vault (660-VT) 1 EA. PGE Vault (660-VT) 1 EA. PGE Vault (5106) 1 EA. Verizon Pedestal 4,441 L.F. 2" P.V.C. Conduit 340 L.F. 3" P.V.C. Conduit 3,028 L.F. 4" P.V.C. Conduit 2,100 L.F. 6" P.V.C. Conduit	8.50 20.00 20.00 2,000.00 2,500.00 4,500.00 6.00 7.00 8.00 10.00	500.00 1,500.00 30,000.00 9,000.00 4,000.00 2,500.00 4,500.00 26,846.00 24,224.00 21,000.00	550.00 14.00 11.50 12.20 2,300.00 950.00 4,200.00 300.00 1.20 2.50 2.40 5.10	550.00 1,550.00 9,500.00 5,175.00 536.80 4,600.00 950.00 4,200.00 300.00 5,329.20 850.00 7,267.20	900.00 19.00 11.00 21.00 1,750.00 4,000.00 800.00 2.00 2.50 2.50 2.75	900.00 2,300.00 11,000.00 4,950.00 924.00 3,500.00 4,000.00 800.00 8,882.00 7,872.80 5,775.00	11.00 17.00 20.00 2,100.00 1,100.00 3,850.00 250.00 1.00 1.60 2.00 4.00	550.00 1,450.00 15,620.00 5,500.00 7,650.00 880.00 4,200.00 3,850.00 250.00 4,441.00 6,056.00 8,400.00	740.00 10.60 110.60 16.80 29.10 3,100.00 5,500.00 275.00 2.00 3.50 4.20 5.70	740.00 1,900.00 15,505.00 15,500.00 7,560.00 1,280.40 6,200.00 5,500.00 275.00 8,882.00 1,190.00 12,717.60	1,600.00 10.00 25.00 2,900.00 1,600.00 5,200.00 260.00 2.00 3.30 4.00 5.50	1,60 4,60 7,00 11,25 1,10 5,80 1,60 5,20 26 8,88 1,12 12,11 11,55
1. 2. ONDUI 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13.	2 EA. Relocate Exist. 3/4" Water Service 1 EA. Relocate Existing 1" Water Service TOTAL WATER SYSTEM IT SYSTEM AND VAULTS 1,420 L.F. Trench Excavation L.S. Jacking 24" Steel Casing 450 L.F. Utility Trench Pavement Restoration 44 L.F. Utility Trench Sidewalk Restoration 2 EA. PGE Vault (660-VT) 1 EA. PGE Vault (660-VT) 1 EA. PGE Vault (504-PGE) 1 EA. PGE Vault (5106) 1 EA. Verizon Pedestal 4,441 L.F. 2" P.V.C. Conduit 340 L.F. 3" P.V.C. Conduit 3,028 L.F. 4" P.V.C. Conduit 2,100 L.F. 6" P.V.C. Conduit 50 C.Y. Trench Foundation (If Necessary)	8.50 20.00 20.00 2,000.00 2,500.00 4,500.00 7.00 8.00 10.00 25.00	500.00 1,500.00 1,500.00 1,500.00 30,000.00 9,000.00 880.00 4,000.00 4,500.00 2,500.00 2,880.00 2,380.00 24,224.00 21,000.00 1,250.00	550.00 14.00 11.50 12.20 2,300.00 4,200.00 300.00 1.20 2.50 2.40 0 5.10 2.00	550.00 1,550.00 1,550.00 1,550.00 1,550.00 9,500.00 5,175.00 536.86 4,600.00 950.00 4,200.00 300.00 5,329.20 850.00 7,267.20 10,710.00 1,000.00	900.00 19.00 11.00 21.00 1,750.00 4,000.00 800.00 2.00 2.50 2.60 2.75 1.00	900.00 2,300.00 11,000.00 4,950.00 924.00 3,500.00 4,000.00 800.00 8,882.00 7,872.80 5,775.00	11.00 17.00 20.00 2,100.00 1,100.00 3,850.00 250.00 1.00 1.60 2.00 4.00	550.00 1,450.00 15,620.00 5,500.00 7,650.00 880.00 4,200.00 3,850.00 250.00 4,441.00 6,056.00 8,400.00 600.00	740.00 10.60 10.60 16.80 29.10 3,100.00 5,500.00 275.00 2,00 3,50 4,20 5,70 1,00	740.00 1,900.00 15,052.00 15,500.00 7,560.00 1,280.40 6,200.00 5,500.00 275.00 8,882.00 1,190.00 12,717.60 11,970.00	1,600.00 10.00 25.00 25.00 2,900.00 5,200.00 260.00 2.00 3.30 4.00 5,50 30.00	1,600 4,600 11,25 1,10 5,80 1,60 5,20 26 8,88 1,12 12,11 11,55 1,50
1. 2. ONDUI 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12.	2 EA. Relocate Exist. 3/4" Water Service 1 EA. Relocate Existing 1" Water Service TOTAL WATER SYSTEM IT SYSTEM AND VAULTS 1,420 L.F. Trench Excavation L.S. Jacking 24" Steel Casing 450 L.F. Utility Trench Pavement Restoration 44 L.F. Utility Trench Sidewalk Restoration 2 EA. PGE Vault (660-VT) 1 EA. PGE Vault (504-PGE) 1 EA. PGE Vault (5106) 1 EA. Verizon Pedestal 4,441 L.F. 2" P.V.C. Conduit 340 L.F. 3" P.V.C. Conduit 3,028 L.F. 4" P.V.C. Conduit 2,100 L.F. 8" P.V.C. Conduit 50 C.Y. Trench Foundation (If Necessary) 50 C.Y. Rock Excavation (If Necessary)	8.50 20.00 20.00 2,000.00 2,500.00 4,500.00 7.00 8.00 10.00 25.00	500.00 1,500.00 1,500.00 1,500.00 30,000.00 9,000.00 880.00 4,000.00 2,500.00 4,500.00 28,646.00 2,380.00 24,224.00 21,000.00 1,250.00 5,000.00	550.00 14.00 11.50 12.20 2,300.00 4,200.00 300.00 1.20 2.50 2.40 5.10 20.00 20.00	550.00 1,550.00 1,550.00 1,550.00 9,500.00 5,175.00 536.80 4,600.00 950.00 300.00 5,329.20 10,710.00 1,000.00	900.00 19.00 11.00 21.00 1,750.00 4,000.00 800.00 2.00 2.50 2.60 2.75 1.00 1.00	900.00 2,300.00 11,000.00 4,950.00 924.00 3,500.00 1,850.00 800.00 8,882.00 7,872.80 5,775.00 50.00	11.00 17.00 20.00 2,100.00 1,100.00 250.00 1.00 1.60 2.00 4.00 12.00 25.00	550.00 1,450.00 15,620.00 5,500.00 7,650.00 880.00 4,200.00 1,100.00 3,850.00 250.00 4,441.00 6,056.00 8,400.00 6,000.00	740.00 10.60 10.60 16.80 29.10 3,100.00 5,500.00 275.00 2.00 3.50 4.20 5.70 1.00 1.00 1.00	740.00 1,900.00 1,900.00 15,052.00 15,500.00 7,560.00 1,280.40 6,200.00 1,600.00 275.00 8,882.00 1,190.00 12,717.00 50.00 7,500.00	1,600.00 10.00 25.00 25.00 2,900.00 1,600.00 5,200.00 260.00 2.00 3.30 4.00 5.50 30.00 40.00	1,600 4,600 14,200 7,000 11,25 1,100 5,880 1,600 5,220 2,600 1,12 12,11 11,55 1,500 2,000
1. 2. ONDUI 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13.	2 EA. Relocate Exist. 3/4" Water Service 1 EA. Relocate Existing 1" Water Service TOTAL WATER SYSTEM IT SYSTEM AND VAULTS 1,420 L.F. Trench Excavation L.S. Jacking 24" Steel Casing 450 L.F. Utility Trench Pavement Restoration 44 L.F. Utility Trench Sidewalk Restoration 2 EA. PGE Vault (660-VT) 1 EA. PGE Vault (660-VT) 1 EA. PGE Vault (504-PGE) 1 EA. PGE Vault (5106) 1 EA. Verizon Pedestal 4,441 L.F. 2" P.V.C. Conduit 340 L.F. 3" P.V.C. Conduit 3,028 L.F. 4" P.V.C. Conduit 2,100 L.F. 6" P.V.C. Conduit 50 C.Y. Trench Foundation (If Necessary)	8.50 20.00 20.00 2,000.00 2,500.00 4,500.00 7.00 8.00 10.00 25.00	500.00 1,500.00 1,500.00 1,500.00 30,000.00 9,000.00 880.00 4,000.00 4,500.00 2,500.00 2,880.00 2,380.00 24,224.00 21,000.00 1,250.00	550.00 14.00 11.50 12.20 2,300.00 4,200.00 300.00 1.20 2.50 2.40 5.10 20.00 20.00	550.00 1,550.00 1,550.00 1,550.00 1,550.00 9,500.00 5,175.00 536.86 4,600.00 950.00 4,200.00 300.00 5,329.20 850.00 7,267.20 10,710.00 1,000.00	900.00 19.00 11.00 21.00 1,750.00 4,000.00 800.00 2.00 2.50 2.60 2.75 1.00 1.00	900.00 2,300.00 11,000.00 4,950.00 924.00 3,500.00 4,000.00 800.00 8,882.00 7,872.80 5,775.00	11.00 17.00 20.00 2,100.00 1,100.00 250.00 1.00 1.60 2.00 4.00 12.00 25.00	550.00 1,450.00 15,620.00 5,500.00 7,650.00 880.00 4,200.00 3,850.00 250.00 4,441.00 6,056.00 8,400.00 600.00	740.00 10.60 10.60 16.80 29.10 3,100.00 5,500.00 275.00 2.00 3.50 4.20 5.70 1.00 1.00 1.00	740.00 1,900.00 15,052.00 15,500.00 7,560.00 1,280.40 6,200.00 5,500.00 275.00 8,882.00 1,190.00 12,717.60 11,970.00	1,600.00 10.00 25.00 25.00 2,900.00 1,600.00 5,200.00 260.00 2.00 3.30 4.00 5.50 30.00 40.00	1,600 4,600 14,200 7,000 11,25 1,100 5,880 1,600 5,220 2,600 1,12 12,11 11,55 1,500 2,000
1. 2. ONDUI' 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14.	2 EA. Relocate Exist. 3/4" Water Service 1 EA. Relocate Existing 1" Water Service TOTAL WATER SYSTEM IT SYSTEM AND VAULTS 1,420 L.F. Trench Excavation L.S. Jacking 24" Steel Casing 450 L.F. Utility Trench Pavement Restoration 44 L.F. Utility Trench Sidewalk Restoration 2 EA. PGE Vault (660-VT) 1 EA. PGE Vault (504-PGE) 1 EA. PGE Vault (5106) 1 EA. Verizon Pedestal 4,441 L.F. 2" P.V.C. Conduit 3,028 L.F. 4" P.V.C. Conduit 3,028 L.F. 4" P.V.C. Conduit 50 C.Y. Trench Foundation (If Necessary) 50 C.Y. Rock Excavation (If Necessary)	8.50 20.00 20.00 2,000.00 2,500.00 4,500.00 7.00 8.00 10.00 25.00	500.00 1,500.00 1,500.00 1,500.00 30,000.00 9,000.00 880.00 4,000.00 2,500.00 4,500.00 28,646.00 2,380.00 24,224.00 21,000.00 1,250.00 5,000.00	550.00 14.00 11.50 12.20 2,300.00 4,200.00 300.00 1.20 2.50 2.40 5.10 20.00 20.00	550.00 1,550.00 1,550.00 1,550.00 9,500.00 5,175.00 536.80 4,600.00 950.00 300.00 5,329.20 10,710.00 1,000.00	900.00 19.00 11.00 21.00 1,750.00 4,000.00 800.00 2.00 2.50 2.60 2.75 1.00 1.00	900.00 2,300.00 11,000.00 4,950.00 924.00 3,500.00 1,850.00 800.00 8,882.00 7,872.80 5,775.00 50.00	11.00 17.00 20.00 2,100.00 1,100.00 250.00 1.00 1.60 2.00 4.00 12.00 25.00	550.00 1,450.00 15,620.00 5,500.00 7,650.00 880.00 4,200.00 1,100.00 3,850.00 250.00 4,441.00 6,056.00 8,400.00 6,000.00	740.00 10.60 10.60 16.80 29.10 3,100.00 5,500.00 275.00 2.00 3.50 4.20 5.70 1.00 1.00 1.00	740.00 1,900.00 1,900.00 15,052.00 15,500.00 7,560.00 1,280.40 6,200.00 1,600.00 275.00 8,882.00 1,190.00 12,717.00 50.00 7,500.00	1,600.00 10.00 25.00 25.00 2,900.00 1,600.00 5,200.00 260.00 2.00 3.30 4.00 5.50 30.00 40.00	1,60 4,60 14,20 7,00 11,25 1,10 5,80 1,60 26 8,88 1,12 12,11 11,55 1,50
1. 2. ONDUI 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. ROSIO	2 EA. Relocate Exist. 3/4" Water Service 1 EA. Relocate Existing 1" Water Service TOTAL WATER SYSTEM IIT SYSTEM AND VAULTS 1,420 L.F. Trench Excavation L.S. Jacking 24" Steel Casing 450 L.F. Utility Trench Pavement Restoration 44 L.F. Utility Trench Sidewalk Restoration 2 EA. PGE Vault (660-VT) 1 EA. PGE Vault (660-VT) 1 EA. PGE Vault (5106) 1 EA. Verizon Pedestal 4,441 L.F. 2" P.V.C. Conduit 3,028 L.F. 4" P.V.C. Conduit 3,028 L.F. 4" P.V.C. Conduit 2,100 L.F. 6" P.V.C. Conduit 50 C.Y. Trench Foundation (If Necessary) TOTAL CONDUIT SYSTEM AND VAULTS	8.50 20.00 20.00 2,000.00 2,500.00 4,500.00 7.00 8.00 10.00 25.00	500.00 1,500.00 1,500.00 1,500.00 30,000.00 9,000.00 4,000.00 2,500.00 4,500.00 26,846.00 21,000.00 1,250.00 1,250.00 143,450.00	550.00 14.00 11.50 12.20 2,300.00 4,200.00 300.00 1.20 2.50 2.40 5.10 20.00	550.00 1,550.00 1,550.00 1,550.00 9,500.00 5,175.00 536.86 4,600.00 950.00 4,200.00 300.00 5,329.20 850.00 7,267.20 10,710.00 1,000.00 71,298.20	900.00 19.00 11.00 21.00 1,750.00 1,850.00 4,000.00 800.00 2.00 2.50 2.60 2.75 1.00	900.00 2,300.00 11,000.00 4,950.00 924.00 3,500.00 4,000.00 800.00 8,882.00 7,872.80 5,775.00 50.00 77,483.80	11.00 17.00 20.00 2,100.00 1,100.00 3,850.00 1.00 250.00 1.00 4.00 12.00 25.00	550.00 1,450.00 1,450.00 5,500.00 7,650.00 880.00 4,200.00 1,100.00 250.00 4,441.00 6,056.00 8,400.00 6,056.00 6,056.00 6,056.00 6,056.00 6,056.00 6,056.00 6,056.00	740.00 10.60 110.60 16.80 29.10 3,100.00 1,600.00 2,75.00 2,200 2,200 3,500 4,20 5,700 1,000 1,500.00	740.00 1,900.00 15,052.00 15,500.00 7,560.00 1,280.40 6,200.00 5,500.00 275.00 8,882.00 1,190.00 12,717.60 11,970.00 50,00 7,500.00	1,600.00 10.00 25.00 25.00 2,900.00 1,600.00 5,200.00 2,000 3,30 4,00 5,50 30,00 40,00	1,600 4,600 7,000 11,250 1,100 5,800 260 8,883 1,122 12,111 11,550 2,000 83,570
1. 2. ONDUI' 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14.	2 EA. Relocate Exist. 3/4" Water Service 1 EA. Relocate Existing 1" Water Service TOTAL WATER SYSTEM IT SYSTEM AND VAULTS 1,420 L.F. Trench Excavation L.S. Jacking 24" Steel Casing 450 L.F. Utility Trench Pavement Restoration 44 L.F. Utility Trench Sidewalk Restoration 2 EA. PGE Vault (660-VT) 1 EA. PGE Vault (504-PGE) 1 EA. PGE Vault (5106) 1 EA. Verizon Pedestal 4,441 L.F. 2" P.V.C. Conduit 3,028 L.F. 4" P.V.C. Conduit 3,028 L.F. 4" P.V.C. Conduit 50 C.Y. Trench Foundation (If Necessary) 50 C.Y. Rock Excavation (If Necessary)	8.50 20.00 20.00 2,000.00 2,500.00 4,500.00 7.00 8.00 10.00 25.00	500.00 1,500.00 1,500.00 1,500.00 30,000.00 9,000.00 880.00 4,000.00 2,500.00 4,500.00 28,646.00 2,380.00 24,224.00 21,000.00 1,250.00 5,000.00	550.00 14.00 11.50 12.20 2,300.00 950.00 300.00 1.20 2.50 2.40 5.10 20.00	550.00 1,550.00 1,550.00 1,550.00 9,500.00 5,175.00 536.80 4,600.00 950.00 300.00 5,329.20 10,710.00 1,000.00	900.00 19.00 11.00 21.00 1,750.00 4,000.00 800.00 2.00 2.50 2.60 2.75 1.00 1.00	900.00 2,300.00 11,000.00 4,950.00 924.00 3,500.00 1,850.00 800.00 8,882.00 7,872.80 5,775.00 50.00	550.00 11.00 17.00 20.00 2,100.00 1,100.00 3,850.00 1.00 1.60 2.00 4.00 12.00 25.00	550.00 1,450.00 15,620.00 5,500.00 7,650.00 880.00 4,200.00 1,100.00 3,850.00 250.00 4,441.00 6,056.00 8,400.00 6,000.00	740.00 10.60 10.60 16.80 29.10 3,100.00 5,500.00 275.00 2.00 3.50 4.20 5.70 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	740.00 1,900.00 1,900.00 15,052.00 15,500.00 7,560.00 1,280.40 6,200.00 1,600.00 275.00 8,882.00 1,190.00 12,717.00 50.00 7,500.00	1,600.00 10,00 25,00 2,900.00 1,600.00 5,200.00 2,00 3,30 4,00 5,50 30,00 40,00	3,000 1,600 4,600 11,250 1,100 5,800 1,600 5,200 280 8,882 1,122 12,112 11,550 2,000 83,576

Resolution No. 1698

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MISCELLANEOUS CONSTRUCTION				I								PEC
1. 1 EA. Adjust Existing Gas Valve to Finish Grade	500.00	500.00	225.00	225.00	150.00	150.00	20.00	20.00	98.30	98.30	150.00	150.00
2. 1 EA. Adj. Ex. P.G.E. Vault to F.G.	500.00	500.00	1,140.00	1,140.00	1,400.00	1,400.00	500.00	500.00	1,280.00	1,280.00	1,600.00	1,600.00
4. 1 EA. Remove Existing Sign	50.00	50.00	75.00	75.00	200.00	200.00	75.00	75.00	56.70	56.70	160.00	160.00
5. 2 EA. Relocate Exist. Mailbox	50.00	100.00	400.00	800.00	300.00	600.00	100.00	200.00	85.20	170.40	150.00	300.00
TOTAL MISCELLANEOUS CONST.		1,150.00		2,240.00		2,350.00		795.00		1,605.40		2,210.00
	_		_		_	i i	_		_		_	
TRAFFIC SIGNAL												
L.S. WR / Kinsman Traffic Signal Modification		5,000.00		7,690.00		4,400.00		4,200.00		3,700.00		10,000.00
2. L.S. Traffic Signal Interconnection		45,000.00		21,150.00		28,000.00		32,200.00		30,800.00		29,000.00
TOTAL TRAFFIC SIGNAL		50,000.00		28,840.00		32,400.00		36,400.00		34,500.00		39,000.00
	_		_		_		_		_		_	
STREET LIGHTING								l				
1. L.S. Roadway Lighting, Complete		25,000.00		23,840.00		18,000.00		22,500.00		21,400.00		21,500.00
TOTAL STREET LIGHTING		25,000.00		23,840.00		18,000.00		22,500.00		21,400.00		21,500.00
	•		•		•		-		•		_	
SIGNING AND STRIPING												
1. L.S. Perm. Striping And Pavement Marking		4,800.00		3,000.00		3,900.00	I	3,400.00		3,700.00		3,000.00
2. L.S. Permanent Sign Installation, Complete		2,000.00		1,300.00		1,400.00		900.00		1,000.00		1,600.00
TOTAL TRAFFIC SIGNAL		6,800.00		4,300.00		5,300.00		4,300.00		4,700.00		4,600.00
	_		•									
LANDSCAPING												
1. L.S. Irrigation System		5,000.00		3,400.00		2,800.00		1,200.00		1,050.00		2,700.00
2. 8 EA. Tree Grate	1,600.00	12,800.00	950.00	7,600.00	900.00	7,200.00	900.00	7,200.00	860.00	6,880.00	1,250.00	10,000.00
3. 8 EA. Root Barrier	50.00	400.00	145.00	1,160.00	100.00	800.00	200.00	1,600.00	34.40	275.20	90.00	720.00
4. 7 C.Y. Top Soil	70.00	490.00	45.00	315.00	100.00	700.00	25.00	175.00	39.30	275.10	45.00	315.00
5. 8 EA. Fraxinus Pennsylvannia 'Patmore' 2-1/2"	475.00	3,800.00	290.00	2,320.00	120.00	960.00	75.00	600.00	181.50	.,	220.00	1,760.00
6. L.S. Hydroseed Disturbed Areas		1,000.00		2,500.00		1,500.00		1,000.00		550.00		600.00
7. L.S. Existing Landscape Damage Repair		1,000.00		2,000.00		1,600.00		1,000.00		3,300.00		1,000.00
8. L.S. Extended Establishment / Maint 2 Yrs.		1,200.00		1,000.00		400.00		1,000.00		6,600.00		2,000.00
TOTAL LANDSCAPING		25,690.00		20,295.00	1	15,960.00	 	13,775.00		20,382.30	1	19,095.00
TOTAL CONSTRUCTION		411,202.00		253,770.60		258,673.80		261,094.20		284,251.30	L	295,188.00
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	ENGINE	ENGINEER'S EST.		6 - Andersen Pacific		7 - Goodfellow Bros.		8 - Eagle Elsner		9 - J.L. Jersev	
ITEM QUAN. UNIT DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	
STREET WORK			L		L						
1. L.S. Mobilization		37,000.00		29,000.00		26,636.00		22,000.00		32,999.5	
2. L.S. Temp. Traffic Control Devices		5,000.00		1,200.00		1,500.00		2,500.00		8,000.0	
3. 400 HRS. Temp. Traffic Control Labor	35.00	14,000.00		14,600.00		14,400.00				14,400.0	
4. L.S. Clearing and Grubbing		10,000.00		5,000.00		6,000.00		2,200.00		2,500.0	
5. 338 C.Y. Unclassified Excavation	20.00	6,760.00		6,760.00				5,070.00		10,140.0	
6. 825 S.Y. Untreated Subgrade	1.50	1,237.50		1,650.00						2,475.0	
7. 1,000 C.Y. Imported Embankment	25.00	25,000.00		18,000.00		1,000.00		19,000.00		30,000.0	
8. 965 S.Y. 2" of Class "C" A.C. Pavement	4.50	4,342.50	8.00	7,720.00		5,790.00		4,680.25			
9. 825 S.Y. 5" of Class "B" A.C. Pavement	12.50			11,550.00				10,147.50		8,250.0	
10. 56 C.Y. 3/4"-0 Leveling Course Rock	28.50	1,596.00	35.00	1,960.00				1,288.00			
11. 227 C.Y. 1-1/2"-0 Base Rock	26.50	6,015.50	30.00	6,810.00	35.00			5,902.00		7,264.0	
12. 414 L.F. Sawcut Exist. Pavement	4.50	1,863.00	2.00	828.00				372.60			
13. 90 C.Y. Import Subgrade Stab. Rock (If Nec.)	37.00	3,330.00	40.00	3,600.00	35.00	3,150.00	43.00				
14. 500 S.Y. Soil Stabilization Geotextile (If Nec.)	1.20	600.00	1.50	750.00	1.40	700.00	0.55	275.00	1.00	500.0	
TOTAL STREET WORK		127,057.00		109,428.00		86,982.00		93,491.60		127,907.5	
	1		1		1		Ì		1		
CONCRETE WORK											
1. 365 L.F. Cement Concrete Curb and Gutter	20.00	7,300.00	14.00	5,110.00	14.00	5,110.00	14.20	5,183.00	16.00	5,840.0	
2. 38 L.F. Cement Concrete Vertical Curb	12.00		13.00	494.00	20.00	760.00	10.80	410.40	18.00	684.0	
3. 10 L.F. Extruded Cement Concrete Curb	10.00		15.00	150.00	20.00	200.00	24.00	240.00	18.00	180.0	
4. 60 S.Y. Concrete Driveways	45.00	2,700.00	40.00	2,400.00	35.00	2,100.00	31.75	1,905.00	36.00	2,160.0	
5. 399 S.Y. Concrete Sidewalk (Incl. Ramps)	35.00	13,965.00	27.00	10,773.00	25.00	9,975.00	26.75	10,673.25	32.00	12,768.0	
TOTAL CONCRETE WORK		24,521.00		18,927.00		18,145.00		18,411.65		21,632.0	
			1 '		1 '		1 '		1 '	•	
	•		•				•		•		

Resolution No. 1698

T. FT LF ITS Comm Main (imported Backetil) 95,000 3,153.00 4270 2,204.00 17,000 15,000 1	STORM SEWER		1		ı		1		l		1
2 1 E.A. Gutter Intel (Type 2-172 A)	1. 57 L.F. 12" Storm Main (Imported Backfill)	55.00	3,135.00	42.00	2,394.00	75.00	4,275.00	38.50	2,194.50	100.00	5,700.00
## VATER SYSTEM A Release Edit Str. Wilster Service 500.00 1,000.00 500.00 1,000.00	2. 1 EA. Gutter Inlet (Type 2-1/2 A)	1,500.00	1,500.00	750.00		1,500.00		1,440.00		1,500.00	
## VATER SYSTEM 1 2 EA Relocate East 3" Water Service 500.05 1,000.05 500.05 1,000.05 700.05 700.05 500.05 1,000.05 1	3. 57 L.F. Trench Protection	7.00	399.00	1.00		10.00		11.30		2.00	
To Part Pa	TOTAL STORM SEWER		5,034.00		3,201.00		6,345.00		4,278.60		7,314.00
To Part Pa		-									
2 1 E.A. Relocate Estating I' Vivete Service 500.00 500.00 500.00 750.00 650.00 1,300.00											2 122 22
CONDUIT SYSTEM AND VALLES 1,400 1,500 1,500 1,500 1,500 1,500 1,700 1,500 1											
COMDUIT SYSTEM AND VAULTS		500.00		600.00		750.00		650.00		1,300.00	
1,120 E. F. Trend Escaretion 5.50 12,070.00 9.00 12,780.00 16.00 25,560.00 18.00 22,220.00 6.00 5.50.00 3.00.0	TOTAL WATER SYSTEM	L	1,500.00	L	1,600.00	L	2,250.00	i.	1,750.00	L	3,700.00
1,120 E. F. Trend Escaretion 5.50 12,070.00 9.00 12,780.00 16.00 25,560.00 18.00 22,220.00 6.00 5.50.00 3.00.0	CONDUIT CVCTEM AND VALUETC				1						- 1
2		8.50	12 070 00	9.00	12 780 00	18.00	25 560 00	16.00	22 720 00	6.00	8 520 00
3 450 LF Uilly Trench Pawment Restoration 2000 8,000.00 6,00 2,700.00 15.00 6,750.00 17.30 7,785.00 12.00 5,400.00 2,000 80.00 38.00 2,000 2,000.00		0.50		0.00		10.00		10.00			
4		20.00		6.00		15.00		17.30		12.00	
S					352.00				880.00	28.00	1,232.00
B				2,000.00	4,000.00	2,400.00	4,800.00	2,400.00	4,800.00	2,200.00	4,400.00
8		2,500.00	2,500.00	1,200.00	1,200.00	2,300.00	2,300.00	2,280.00	2,280.00	1,600.00	
S	7. 1 EA. PGE Vault (5106)	4,500.00	4,500.00								
10 340 LF, 3 P.V.C. Conduit	8. 1 EA. Verizon Pedestal										
11 3,028 1.F. F PV.C. Conduit	9. 4,441 L.F. 2" P.V.C. Conduit										
12											
13 55 C.Y. Trench Foundation (if Necessary) 25.00 1.250.00 80.00 3.000.00 3.000 1.500.00 4.550 2.175.00 20.00 1.000.00											
14 50 C.Y. Rock Estawation (if Necessary) 100.00 5.000.00 80.00 4.000.00 10.00 550.00 130,500.80 130,500.80 62,923.50											
TOTAL CONDUIT SYSTEM AND VAULTS											
ROSION CONTROL 1		100.00		00.00		10.00		00.00		,,,,,,	
1. L.S. Erosion Control Measures	TOTAL COMBOIT STSTEM AND VACETS	L	143,430.00	L	10,002.00		120,700.00	'	100,000.00		02,020.00
1. L.S. Erosion Control Measures	FROSION CONTROL				1						
MISCELLANEOUS CONSTRUCTION			1,000,00		2,000.00	,	550.00		2,225.00		2,500.00
MISCELLANEOUS CONSTRUCTION To To To To To To To T							550.00		2,225.00		2,500.00
1	• • • • • • • • • • • • • • • • • • • •	•		•		•				•	
2	MISCELLANEOUS CONSTRUCTION										
1 E.A. Remove Existing Sign 50.00 50.00 100.00 100.00 155.00 155.00 425.00 425.00 100.00 100.00 200.00											
S	2. 1 EA. Adj. Ex. P.G.E. Vault to F.G.										
TOTAL MISCELLANEOUS CONST. 1,150.00 2,300.00 3,054.00 2,925.00 4,400.00 TRAFFIC SIGNAL 1. L.S. WR / Kinsman Traffic Signal Modification 5,000.00 5,000.00 15,000.00 13,200.00 38,000.00 2. L.S. Traffic Signal Interconnection 45,000.00 41,000.00 15,000.00 13,200.00 38,000.00 TOTAL TRAFFIC SIGNAL 50,000.00 46,000.00 20,000.00 18,000.00 43,600.00 STREET LIGHTING 1. L.S. Roadway Lighting, Complete 25,000.00 16,000.00 15,000.00 14,760.00 21,000.00 TOTAL STREET LIGHTING 25,000.00 16,000.00 15,000.00 14,760.00 21,000.00 SIGNING AND STRIPING 1. L.S. Perm. Striping And Pavement Marking 4,800.00 3,400.00 3,200.00 3,540.00 3,000.00 1. L.S. Perm. Striping And Pavement Marking 4,800.00 1,000.00 1,500.00 875.00 2,500.00 TOTAL TRAFFIC SIGNAL 6,800.00 4,400.00 4,700.00 4,415.00 5,500.00 LANDSCAPING LANDSCAPING LAS. Irrigation System 1,600.00 12,800.00 900.00 7,200.00 800.00 6,400.00 950.00 7,600.00 700.00 5,800.00 1,8											
TRAFFIC SIGNAL 1. L.S. WR / Kinsman Traffic Signal Modification 5,000.00 5,000.00 5,000.00 4,800.00 5,600.00 3,0		50.00		200.00		250.00		250.00		100.00	
1. L.S. WR / Kinsman Traffic Signal Modification 5,000.00 5,000.00 5,000.00 13,000.00 38,000.00 2. L.S. Traffic Signal Interconnection 45,000.00 41,000.00 15,000.00 13,000.00 38,	TOTAL MISCELLANEOUS CONST.	L	1,150.00		2,300.00	1	3,054.00	Į.	2,925.00	1	4,400.00
1. L.S. WR / Kinsman Traffic Signal Modification 5,000.00 5,000.00 5,000.00 13,000.00 38,000.00 2. L.S. Traffic Signal Interconnection 45,000.00 41,000.00 15,000.00 13,000.00 38,	TRAFFIC CICNAL										
2. L.S. Traffic Signal Interconnection			5,000,00		5,000,00		5,000,00	,	4 800 00		5 600 00
TOTAL TRAFFIC SIGNAL 50,000.00 46,000.00 20,000.00 18,000.00 43,600.00 STREET LIGHTING 1. IS. Roadway Lighting, Complete 25,000.00 16,000.00 15,000.00 14,760.00 21,000.00 TOTAL STREET LIGHTING 25,000.00 16,000.00 15,000.00 14,760.00 21,000.00 SIGNING AND STRIPING 1. IS. Perm. Striping And Pavement Marking 4,800.00 3,400.00 3,200.00 3,540.00 3,000.00 2. IS. Perms. Striping Installation, Complete 2,000.00 1,000.00 1,500.00 875.00 2,500.00 TOTAL TRAFFIC SIGNAL 6,800.00 4,400.00 4,700.00 4,415.00 5,500.00 LANDSCAPING 1. IS. Irrigation System 5,000.00 900.00 7,200.00 800.00 9,000 7,000.00 7,000.00 1,000.00 2. 8 EA. Tree Grate 1,600.00 12,800.00 900.00 7,200.00 800.00 9,000 7,000.00 7,000.00 7,000.00 1,600.00 3. 8 EA. Root Barrier 50,000 400.00 100.00 800.00 300.00 2,400.00 200.00 1,600.00 4. 7 C.Y. Top Soil 70,00 490.00 100.00 800.00 350.00 900.00 7,000.00 2,000.00 1,600.00 5. 8 EA. Fraxinus Pennsylvannia "Patmore' 2-1/2" 475.00 3,800.00 50.00 350.00 50.00 350.00 44.00 308.00 500.00 1,600.00 6. IS. Hydroseed Disturbed Areas 1,000.00 7,200.00 850.00 3,800.00 1,500.00 7. IS. Existing Landscape Damage Repair 1,000.00 1,250.00 650.00 7,200.00 1,500.00 7,200.00 1,500.00 7,200.00 1,500.00 7,200.00 1,500.00 7,200.00 1,500.00 7,200.00 1,5				-							
STREET LIGHTING									•		
1. L.S. Roadway Lighting, Complete 25,000.00 16,000.00 15,000.00 14,760.00 21,000.00 TOTAL STREET LIGHTING 25,000.00 16,000.00 15,000.00 14,760.00 21,000.00 SIGNING AND STRIPING 1. L.S. Perm. Striping And Pavement Marking 4,800.00 3,400.00 3,200.00 3,540.00 3,000.00 2. L.S. Permanent Sign Installation, Complete 2,000.00 1,000.00 4,700.00 875.00 2,500.00 TOTAL TRAFFIC SIGNAL 6,800.00 3,000.00 4,400.00 4,700.00 4,415.00 5,500.00 LANDSCAPING 1. L.S. Irrigation System 5,000.00 3,000.00 2,700.00 1,140.00 10,000.00 2. 8 EA. Tree Grate 1,600.00 12,800.00 900.00 7,200.00 800.00 950.00 7,600.00 700.00 5,600.00 3. 8 EA. Roet Barrier 1,600.00 100.00 800.00 6,400.00 950.00	TOTAL TIVILTIO SIGNAL	L	00,000.00		10,000.00	'		'		•	
1. L.S. Roadway Lighting, Complete 25,000.00 16,000.00 15,000.00 14,760.00 21,000.00 TOTAL STREET LIGHTING 25,000.00 16,000.00 15,000.00 14,760.00 21,000.00 SIGNING AND STRIPING 1. L.S. Perm. Striping And Pavement Marking 4,800.00 3,400.00 3,200.00 3,540.00 3,000.00 2. L.S. Permanent Sign Installation, Complete 2,000.00 1,000.00 4,700.00 875.00 2,500.00 TOTAL TRAFFIC SIGNAL 6,800.00 3,000.00 4,400.00 4,700.00 4,415.00 5,500.00 LANDSCAPING 1. L.S. Irrigation System 5,000.00 3,000.00 2,700.00 1,140.00 10,000.00 2. 8 EA. Tree Grate 1,600.00 12,800.00 900.00 7,200.00 800.00 950.00 7,600.00 700.00 5,600.00 3. 8 EA. Roet Barrier 1,600.00 100.00 800.00 6,400.00 950.00	STREET LIGHTING							İ			
TOTAL STREET LIGHTING			25,000.00		16,000.00	I			14,760.00		21,000.00
1. L.S. Perm. Striping And Pavement Marking 4,800.00 3,400.00 3,200.00 3,540.00 3,000.00 2. L.S. Permanent Sign Installation, Complete 2,000.00 1,000.00 1,500.00 875.00 2,500.00 TOTAL TRAFFIC SIGNAL 6,800.00 4,400.00 4,700.00 4,415.00 5,500.00 LANDSCAPING 1. L.S. Irrigation System 5,000.00 3,000.00 2,700.00 1,140.00 10,000.00 2. 8 EA. Tree Grate 1,600.00 12,800.00 900.00 7,200.00 800.00 300.00 7,000.00 700.00 1,600.00 3. 8 EA. Root Barrier 50.00 400.00 100.00 800.00 100.00 800.00 300.00 2,400.00 2,400.00 2,400.00 300.00 1,600.00 300.00 350.00 44.00 308.00 500.00 350.00 350.00 44.00 308.00 500.00 1,600.00 350.00 1,600.00 360.00 1,600.00			25,000.00		16,000.00		15,000.00		14,760.00		21,000.00
1. L.S. Perm. Striping And Pavement Marking 4,800.00 3,400.00 3,200.00 3,540.00 3,000.00 2. L.S. Permanent Sign Installation, Complete 2,000.00 1,000.00 1,500.00 875.00 2,500.00 TOTAL TRAFFIC SIGNAL 6,800.00 4,400.00 4,700.00 4,415.00 5,500.00 LANDSCAPING 1. L.S. Irrigation System 5,000.00 3,000.00 2,700.00 1,140.00 10,000.00 2. 8 EA. Tree Grate 1,600.00 12,800.00 900.00 7,200.00 800.00 300.00 7,000.00 700.00 1,600.00 3. 8 EA. Root Barrier 50.00 400.00 100.00 800.00 100.00 800.00 300.00 2,400.00 2,400.00 2,400.00 300.00 1,600.00 300.00 350.00 44.00 308.00 500.00 350.00 350.00 44.00 308.00 500.00 1,600.00 350.00 1,600.00 360.00 1,600.00		•									
2. L.S. Permanent Sign Installation, Complete 2,000.00 1,000.00 1,500.00 875.00 2,500.00									_		
TOTAL TRAFFIC SIGNAL 6,800.00 4,400.00 4,700.00 4,415.00 5,500.00 1. L.S. Irrigation System 1. L.S. Irrigation System 1. Exercise Consider											
LANDSCAPING											
1. L.S. Irrigation System 5,000.00 3,000.00 2,700.00 1,140.00 10,000.00 2. 8 EA. Tree Grate 1,600.00 12,800.00 900.00 7,200.00 800.00 6,400.00 950.00 7,600.00 700.00 5,600.00 3. 8 EA. Root Barrier 50.00 400.00 100.00 800.00 100.00 800.00 300.00 2,400.00 200.00 1,600.00 4. 7 C.Y. Top Soil 70.00 490.00 50.00 350.00 50.00 350.00 44.00 308.00 50.00 350.00 44.00 308.00 50.00 350.00 44.00 308.00 50.00 350.00 44.00 308.00 50.00 350.00 44.00 308.00 50.00 44.00 308.00 50.00 44.00 308.00 50.00 44.00 308.00 50.00 44.00 308.00 50.00 44.00 308.00 50.00 44.00 308.00 50.00 44.00 308.00	TOTAL TRAFFIC SIGNAL	ļ l	6,800.00		4,400.00		4,700.00		4,415.00		5,500.00
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Resolution No. 1698

ENGINEERING DEPARTMENT STAFF REPORT & RECOMMENDATION

DATE:

April 2, 2001

TO:

Honorable Mayor and City Councilors

FROM:

John Michael

Engineering Associate

SUBJECT:

Recommendation for Award:

Wilsonville Road Phase 2A – North side of Wilsonville Road from the Railroad Tracks to Kinsman Road. (Project No. 900-49130-5000-487)

SUMMARY

The Wilsonville Road Phase 2A Project would construct street improvements from the Railroad tracks to Kinsman Road. At 1 p.m. on Tuesday, March 20, 2001, nine (9) formal bid proposals were received from qualified contractors in response to public advertisement. The bids were opened, inspected for completeness and thereafter read aloud.

RECOMMENDATION

Staff respectfully recommends that the City Council adopt Resolution No. 1698 approving the bid process, accepting the lowest responsible bid and awarding the contract to Kerr Contractors, Inc., Tulatin, Oregon. The Notice To Proceed is scheduled to be issued April 16, 2001. All work is to be completed by August 29, 2001.

DISCUSSION

Nine (9) formal bid proposals were received. Kerr Contractors, Inc., submitted the low bid in the amount of \$253,770.60. GVS Contracting, Inc. submitted the second lowest bid, in the amount of \$258,673.80. Excel Excavation, Inc., in the amount of \$261,094.20 submitted the third lowest bid. Of the other six (6) bids, four (4) were below \$300,000.00, while the other two (2) were below \$330,000.00. The engineer's estimate was \$411,202.00.

The road improvement project will disrupt traffic along Wilsonville Road for the duration of the construction period, April 2001 to the end of August 2001. Normal construction hours will be 7 a.m. to 9 p.m., Pacific Daylight Time, Monday through Friday, and 9 a.m. to 7 p.m., Pacific Daylight Time, on Saturday. Except for the hours between 9 a.m. to 3 p.m., Monday through Friday, and with prior City approval, two-way traffic will be maintained. In the case of one-way

Resolution No. 1698 Staff Report Exhibit A

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traffic, traffic will be diverted around the construction zone by alternating east/west traffic through a single lane. The road cut will be sealed at the end of each day permitting two-way traffic until the following morning. If construction continues past the August 29, 2001 deadline, appropriate penalties will be in effect.

The bids were reviewed by McKay & Sposito, the design engineers. Kerr Contractors, Inc., is recommended with a bid that has been found to be both responsive and responsible. Therefore, staff recommends that the Wilsonville Road Phase 2A Project, be awarded to Kerr Contractors, Inc., in the amount of \$253,770.60.