

**RESOLUTION NO. 1702**

**A RESOLUTION OF THE CITY OF WILSONVILLE APPROVING THE BID PROCESS; ACCEPTING THE LOWEST RESPONSIBLE BID; AWARDING THE CONTRACT TO JOHN L. JERSEY & SON, INC. THE LOWEST RESPONSIBLE BIDDER; VERIFYING FUND AVAILABILITY; FOR THE PROJECT KNOWN AS COFFEE CREEK CORRECTIONAL FACILITY INFRASTRUCTURE PHASES 3A, 3B, 4 & 6.**

WHEREAS, the City approved a motion at a regular meeting in June, 2000, for the 2000/01 fiscal year, adopting an appropriation of \$916,340, and has proposed an appropriation of \$5,535,594 for the fiscal year of 2001-2002 for a total appropriation of \$6,451,934 for the Coffee Creek Correctional Facility Infrastructure Phases 3a, 3b, 4 & 6 Project; and

WHEREAS, the Coffee Creek Correctional Facility Infrastructure Phases 3a, 3b, 4 & 6 Project was duly advertised for competitive bids in the Daily Journal of Commerce, a newspaper of general circulation; and

WHEREAS, Ten (10) sealed bids were received prior to 1 p.m., local time on March 27, 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 27, 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 \$997,221.00 by John L. Jersey & Son, 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 997,221.00 is deemed responsive. John L. Jersey & Son, 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 Coffee Creek Correctional Facility Infrastructure Phases 3a, 3b, 4 & 6 Project to John L. Jersey & Son, Inc, the lowest responsible bidder in the amount of \$997,221.00.


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>
540-49130-5000-131	\$916,340 (adopted 2000/01 budget)
540-49130-5000-131	<u>\$5,535,594</u> (proposed 2001/02 budget)
Total Appropriation	\$6,451,934

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

  
CHARLOTTE LEHAN, Mayor

ATTEST:

  
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Sandra C. King, City Recorder, CMC

SUMMARY OF VOTES:

Mayor Lehan	<u>Yes</u>
Councilor Helser	<u>Yes</u>
Councilor Barton	<u>Excused</u>
Councilor Kirk	<u>Yes</u>
Councilor Holt	<u>Yes</u>

PROJECT: COFFEE CREEK CORRECTIONAL FACILITY INFRASTRUCTURE  
PHASE 3A, 3B, 4 AND 6 STREETS  
OWNER: CITY OF WILSONVILLE  
BID OPENING DATE: 3-27-2001 1:00pm

ITEM	QUAN.	UNIT	DESCRIPTION	ENGINEER'S EST.		1 - John L. Jersey		2 - NW Earthmovers		3 - C & M Const.		4 - Kerr Contractors		5 - Gelco Const.	
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
<b>PHASE 3A - CLAY STREET STREET WORK</b>															
1.		L.S.	Mobilization		45,000.00		15,000.00		10,300.00		5,000.00		24,997.00		15,000.00
2.		L.S.	Temp. Traffic Control Devices		10,000.00		2,000.00		5,500.00		500.00		8,000.00		2,000.00
3.	320	HRS.	Temp. Traffic Control Labor	35.00	11,200.00	1.00	320.00	1.00	320.00	34.00	10,880.00	1.00	320.00	34.00	10,880.00
4.		L.S.	Clearing and Grubbing		20,000.00		10,000.00		2,200.00		5,000.00		5,000.00		2,600.00
5.	2,650	C.Y.	Unclassified Excavation	20.00	53,000.00	6.00	15,900.00	7.90	20,935.00	7.50	19,875.00	7.00	18,550.00	9.50	25,175.00
6.	6,904	S.Y.	Untreated Subgrade	1.50	10,356.00	0.50	3,452.00	0.60	4,142.40	0.50	3,452.00	0.80	5,523.20	0.55	3,797.20
7.	6,508	S.Y.	2" of Class "B" A.C. Pavement	4.50	29,286.00	3.35	21,801.80	3.50	22,778.00	3.40	22,127.20	3.40	22,127.20	3.70	24,079.60
8.	6,246	S.Y.	2" of Class "C" A.C. Pavement	4.50	28,107.00	3.40	21,236.40	3.50	21,861.00	3.40	21,236.40	3.40	21,236.40	3.80	23,734.80
9.	398	C.Y.	3/4"-0 Leveling Course Rock	28.50	11,343.00	19.00	7,562.00	26.30	10,467.40	30.00	11,940.00	29.00	11,542.00	28.25	11,243.50
10.	1,061	C.Y.	1-1/2"-0 Base Rock	26.50	28,116.50	14.00	14,854.00	23.70	25,145.70	15.00	15,915.00	22.50	23,872.50	20.25	21,485.25
11.	99	L.F.	Sawcut Exist. Pavement	4.50	445.50	1.00	99.00	1.20	118.80	1.00	99.00	1.00	99.00	1.35	133.65
12.	500	C.Y.	Import Subgrade Stab. Rock (If Nec.)	37.00	18,500.00	20.00	10,000.00	12.20	6,100.00	15.00	7,500.00	16.25	8,125.00	17.00	8,500.00
13.	6,904	S.Y.	Soil Stabilization Geotextile (If Nec.)	1.20	8,284.80	0.50	3,452.00	0.50	3,452.00	0.40	2,761.60	0.55	3,797.20	0.50	3,452.00
<b>TOTAL STREET WORK</b>					<b>273,638.80</b>		<b>125,677.20</b>		<b>133,320.30</b>		<b>126,286.20</b>		<b>153,189.50</b>		<b>152,081.00</b>
<b>CONCRETE WORK</b>															
1.	2,374	L.F.	Cement Concrete Curb and Gutter	15.00	35,610.00	6.00	14,244.00	5.40	12,819.60	7.00	16,618.00	6.20	14,718.80	5.75	13,650.50
2.	1,336	S.Y.	Concrete Sidewalk (Incl. Ramps)	35.00	46,760.00	19.00	25,384.00	22.00	29,392.00	27.00	36,072.00	20.25	27,054.00	15.25	20,374.00
3.	10	S.Y.	Concrete Commercial Driveway	50.00	500.00	27.00	270.00	34.20	342.00	42.00	420.00	40.00	400.00	28.00	280.00
<b>TOTAL CONCRETE WORK</b>					<b>82,870.00</b>		<b>39,898.00</b>		<b>42,553.60</b>		<b>53,110.00</b>		<b>42,172.80</b>		<b>34,304.50</b>
<b>STORM SEWER</b>															
1.	390	L.F.	24" Conc. Strm. Culvert (Cl. IV) (Imp.)	90.00	35,100.00	45.00	17,550.00	43.30	16,887.00	77.00	30,030.00	38.00	14,820.00	35.00	13,650.00
2.	482	L.F.	12" Storm Main (Imp. Backfill)	55.00	26,510.00	33.00	15,906.00	24.10	11,616.20	34.00	16,388.00	25.00	12,050.00	25.50	12,291.00
3.	45	L.F.	12" Storm Lateral (Imp. Backfill)	55.00	2,475.00	35.00	1,575.00	29.60	1,332.00	60.00	2,700.00	26.00	1,170.00	31.00	1,395.00
4.	317	L.F.	10" Storm Culvert (Imp. Backfill)	50.00	15,850.00	40.00	12,680.00	22.60	7,164.20	29.00	9,193.00	24.00	7,608.00	21.00	6,657.00
5.	3	EA.	Standard Storm Manhole	2,500.00	7,500.00	2,000.00	6,000.00	1,200.00	3,600.00	2,000.00	6,000.00	1,800.00	5,400.00	2,100.00	6,300.00
6.	1	EA.	Recessed Curb Inlet	1,500.00	1,500.00	700.00	700.00	840.00	840.00	650.00	650.00	860.00	860.00	800.00	800.00
7.	3	EA.	Oversized Recessed Curb Inlet	2,500.00	7,500.00	750.00	2,250.00	920.00	2,760.00	750.00	2,250.00	930.00	2,790.00	950.00	2,850.00
8.	3	EA.	Ditch Inlet	1,500.00	4,500.00	1,000.00	3,000.00	1,030.00	3,090.00	750.00	2,250.00	985.00	2,955.00	800.00	2,400.00
9.	41	L.F.	Remove Ex. 18" Storm Culvert	40.00	1,640.00	10.00	410.00	9.40	385.40	9.00	369.00	4.00	164.00	3.00	123.00
10.	162	L.F.	Remove Ex. 10" Storm Culvert	30.00	4,860.00	5.00	810.00	8.30	1,344.60	9.00	1,458.00	3.00	486.00	5.65	915.30
11.	482	L.F.	Trench Protection	7.00	3,374.00	1.00	482.00	0.01	4.82	0.25	120.50	1.00	482.00	0.10	48.20
12.	25	C.Y.	Trench Foundation (If Nec.)	25.00	625.00	1.00	25.00	1.00	25.00	13.00	325.00	35.00	875.00	26.50	662.50
13.	25	C.Y.	Rock Excavation (If Nec.)	100.00	2,500.00	50.00	1,250.00	80.00	2,000.00	50.00	1,250.00	45.00	1,125.00	20.00	500.00
<b>TOTAL STORM SEWER</b>					<b>113,934.00</b>		<b>62,638.00</b>		<b>51,049.22</b>		<b>72,983.50</b>		<b>50,785.00</b>		<b>48,592.00</b>
<b>EROSION CONTROL</b>															
1.		L.S.	Erosion Control Measures		5,000.00		1,000.00		2,480.00		3,000.00		4,000.00		10,600.00
<b>TOTAL EROSION CONTROL</b>					<b>5,000.00</b>		<b>1,000.00</b>		<b>2,480.00</b>		<b>3,000.00</b>		<b>4,000.00</b>		<b>10,600.00</b>
<b>MISCELLANEOUS CONSTRUCTION</b>															
1.		L.S.	Utility Markers to be Relocated		250.00		125.00		450.00		1,000.00		550.00		80.00
2.		L.S.	Relocate Exist. Mailboxes		100.00		250.00		280.00		350.00		1,750.00		1,300.00
3.		L.S.	Grouted Rip-rap W/ Trash Rack		1,500.00		3,800.00		1,880.00		2,400.00		3,500.00		3,500.00
4.		L.S.	Grouted Riprap		1,000.00		3,000.00		980.00		4,800.00		1,000.00		900.00
<b>TOTAL MISCELLANEOUS CONST.</b>					<b>2,850.00</b>		<b>7,175.00</b>		<b>3,590.00</b>		<b>8,550.00</b>		<b>6,800.00</b>		<b>5,780.00</b>
<b>SIGNING AND STRIPING</b>															
1.		L.S.	Perm. Striping And Pavement Marking		5,000.00		1,050.00		320.00		500.00		300.00		310.00
2.		L.S.	Permanent Sign Installation, Complete		1,000.00		1,250.00		240.00		500.00		250.00		500.00
<b>TOTAL TRAFFIC SIGNAL</b>					<b>6,000.00</b>		<b>2,300.00</b>		<b>560.00</b>		<b>1,000.00</b>		<b>550.00</b>		<b>810.00</b>
<b>TOTAL PHASE 3A CONSTRUCTION</b>					<b>484,292.80</b>		<b>238,688.20</b>		<b>233,553.12</b>		<b>264,929.70</b>		<b>257,497.30</b>		<b>252,167.50</b>

**PHASE 3B - CAHALIN ROAD  
STREET WORK**

1.	L.S.	Mobilization		50,000.00		15,000.00		10,300.00		5,000.00		27,234.00		14,000.00
2.	L.S.	Temp. Traffic Control Devices		10,000.00		2,000.00		7,000.00		800.00		4,000.00		675.00
3.	160	HRS. Temp. Traffic Control Labor	35.00	5,600.00	1.00	160.00	1.00	160.00	34.00	5,440.00	1.00	160.00	34.00	5,440.00
4.	L.S.	Clearing and Grubbing		20,000.00		10,000.00		4,800.00		10,000.00		8,000.00		20,000.00
5.	4,550	C.Y. Unclassified Excavation	20.00	91,000.00	6.00	27,300.00	4.20	19,110.00	5.30	24,115.00	7.00	31,850.00	7.50	34,125.00
6.	5,949	S.Y. Untreated Subgrade	1.50	8,923.50	0.50	2,974.50	0.60	3,569.40	0.50	2,974.50	0.80	4,759.20	0.55	3,271.95
7.	5,616	S.Y. 2" of Class "B" A.C. Pavement	4.50	25,272.00	3.35	18,813.60	3.50	19,656.00	3.40	19,094.40	3.40	19,094.40	3.70	20,779.20
8.	5,616	S.Y. 2" of Class "C" A.C. Pavement	4.50	25,272.00	3.40	19,094.40	3.50	19,656.00	3.40	19,094.40	3.40	19,094.40	3.80	21,340.80
9.	318	C.Y. 3/4"-0 Leveling Course Rock	28.50	9,063.00	19.00	6,042.00	26.30	8,363.40	30.00	9,540.00	29.00	9,222.00	26.25	8,347.50
10.	934	C.Y. 1-1/2"-0 Base Rock	26.50	24,751.00	14.00	13,076.00	21.20	19,800.80	15.00	14,010.00	22.50	21,015.00	20.25	18,913.50
11.	193	L.F. Sawcut Exist. Pavement	4.50	868.50	1.00	193.00	1.20	231.60	1.00	193.00	1.00	193.00	1.35	260.55
12.	500	C.Y. Import Subgrade Stab. Rock (If Nec.)	37.00	18,500.00	20.00	10,000.00	14.60	7,300.00	15.00	7,500.00	16.25	8,125.00	17.00	8,500.00
13.	5,949	S.Y. Soil Stabilization Geotextile (If Nec.)	1.20	7,138.80	0.50	2,974.50	0.60	3,569.40	0.40	2,379.60	0.55	3,271.95	0.50	2,974.50
<b>TOTAL STREET WORK</b>				<b>296,388.80</b>		<b>127,628.00</b>		<b>123,516.60</b>		<b>120,140.90</b>		<b>156,018.95</b>		<b>158,628.00</b>

**CONCRETE WORK**

1.	1,997	L.F. Cement Concrete Curb and Gutter	15.00	29,955.00	6.00	11,982.00	5.40	10,783.80	7.10	14,178.70	6.20	12,381.40	5.75	11,482.75
2.	28	S.Y. Concrete Driveways	40.00	1,120.00	25.00	700.00	28.40	795.20	37.00	1,036.00	31.00	868.00	25.00	700.00
3.	1,107	S.Y. Concrete Sidewalk (Incl. Ramps)	35.00	38,745.00	19.00	21,033.00	22.00	24,354.00	27.00	29,889.00	20.25	22,416.75	15.25	16,881.75
<b>TOTAL CONCRETE WORK</b>				<b>69,820.00</b>		<b>33,715.00</b>		<b>35,933.00</b>		<b>45,103.70</b>		<b>35,666.15</b>		<b>29,064.50</b>

**STORM SEWER**

1.	1,849	L.F. 12" Storm Main (Imp. Backfill)	55.00	101,695.00	33.00	61,017.00	27.70	51,217.30	34.00	62,866.00	30.00	55,470.00	32.50	60,092.50
2.	158	L.F. 12" Storm Lateral (Imp. Backfill)	55.00	8,690.00	35.00	5,530.00	26.40	4,171.20	69.00	10,902.00	31.00	4,898.00	33.50	5,293.00
3.	6	EA. Standard Storm Manhole	2,500.00	15,000.00	2,000.00	12,000.00	1,350.00	8,100.00	2,000.00	12,000.00	1,800.00	10,800.00	2,400.00	14,400.00
4.	7	EA. Recessed Curb Inlet	1,500.00	10,500.00	700.00	4,900.00	880.00	6,160.00	650.00	4,550.00	860.00	6,020.00	800.00	5,600.00
5.	1	EA. Manhole Connection	1,000.00	1,000.00	1,000.00	1,000.00	570.00	570.00	450.00	450.00	1,200.00	1,200.00	700.00	700.00
6.	1,849	L.F. Trench Protection	7.00	12,943.00	1.00	1,849.00	0.01	18.49	0.25	462.25	1.00	1,849.00	0.10	184.90
7.	50	C.Y. Trench Foundation (If Nec.)	25.00	1,250.00	1.00	50.00	1.00	50.00	12.00	600.00	35.00	1,750.00	26.50	1,325.00
8.	50	C.Y. Rock Excavation (If Nec.)	100.00	5,000.00	50.00	2,500.00	80.00	4,000.00	50.00	2,500.00	45.00	2,250.00	20.00	1,000.00
<b>TOTAL STORM SEWER</b>				<b>156,078.00</b>		<b>88,846.00</b>		<b>74,286.99</b>		<b>84,330.25</b>		<b>84,237.00</b>		<b>88,595.40</b>

**EROSION CONTROL**

1.	L.S.	Erosion Control Measures		5,000.00		1,000.00		2,480.00		2,000.00		4,000.00		10,300.00
<b>TOTAL EROSION CONTROL</b>				<b>5,000.00</b>		<b>1,000.00</b>		<b>2,480.00</b>		<b>2,000.00</b>		<b>4,000.00</b>		<b>10,300.00</b>

**MISCELLANEOUS CONSTRUCTION**

1.	1	EA. Adjust Ex. Utility Lid to F.G.	100.00	100.00	400.00	400.00	120.00	120.00	200.00	200.00	175.00	175.00	200.00	200.00
2.	L.S.	Remove Exist. Traffic Signs		250.00		400.00		60.00		150.00		100.00		100.00
3.	L.S.	Utility Markers to be Relocated		250.00		125.00		450.00		250.00		250.00		100.00
4.	22	L.F. Remove & Relocate 4' Hogwire Fence	20.00	440.00	50.00	1,100.00	20.00	440.00	15.00	330.00	22.50	495.00	20.00	440.00
<b>TOTAL MISCELLANEOUS CONST.</b>				<b>1,040.00</b>		<b>2,025.00</b>		<b>1,070.00</b>		<b>930.00</b>		<b>1,020.00</b>		<b>840.00</b>

**SIGNING AND STRIPING**

1.	L.S.	Perm. Striping And Pavement Marking		5,000.00		1,050.00		320.00		500.00		300.00		310.00
2.	L.S.	Permanent Sign Installation, Complete		1,000.00		1,250.00		240.00		250.00		250.00		875.00
<b>TOTAL TRAFFIC SIGNAL</b>				<b>6,000.00</b>		<b>2,300.00</b>		<b>560.00</b>		<b>750.00</b>		<b>550.00</b>		<b>1,185.00</b>

**TOTAL PHASE 3B CONSTRUCTION**

				<b>534,326.80</b>		<b>255,514.00</b>		<b>237,846.59</b>		<b>263,254.85</b>		<b>281,492.10</b>		<b>288,612.90</b>
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**PHASE 4 - GRAHAMS FERRY ROAD / DAY ROAD INTERSECTION  
STREET WORK**

1.	L.S.	Mobilization		60,000.00		3,171.80		17,700.00		5,000.00		24,997.00		15,000.00
2.	L.S.	Temp. Traffic Control Devices		10,000.00		2,000.00		33,800.00		750.00		5,000.00		6,250.00
3.	1,440	HRS. Temp. Traffic Control Labor	35.00	50,400.00	1.00	1,440.00	1.00	1,440.00	34.00	48,960.00	31.50	45,360.00	34.00	48,960.00
4.	L.S.	Cleaning and Grubbing		20,000.00		10,000.00		6,400.00		9,000.00		5,750.00		13,200.00
5.	2,600	C.Y. Unclassified Excavation	20.00	52,000.00	6.00	15,600.00	6.00	15,600.00	12.00	31,200.00	8.00	20,800.00	7.50	19,500.00
6.	5,528	S.Y. Untreated Subgrade	1.50	8,292.00	0.50	2,764.00	0.30	1,658.40	0.50	2,764.00	0.90	4,975.20	0.30	1,658.40
7.	5,284	S.Y. 3" of Class "B" A.C. Pavement	7.50	39,630.00	5.05	26,684.20	5.30	28,005.20	5.25	27,741.00	5.10	26,948.40	5.25	27,741.00
8.	5,284	S.Y. 2-1/2" of Class "C" A.C. Pavement	6.00	31,704.00	4.20	22,192.80	4.40	23,249.60	4.35	22,985.40	4.25	22,457.00	4.65	24,570.60
9.	301	C.Y. 3/4"-0 Leveling Course Rock	28.50	8,578.50	19.00	5,719.00	29.50	8,879.50	30.00	9,030.00	34.00	10,234.00	28.25	8,503.25
10.	1,732	C.Y. 1-1/2"-0 Base Rock	26.50	45,898.00	14.00	24,248.00	16.40	28,404.80	15.00	25,980.00	20.00	34,640.00	19.00	32,908.00
11.	230	L.F. Sawcut Exist. Pavement	4.50	1,035.00	1.00	230.00	0.70	161.00	1.00	230.00	1.00	230.00	1.35	310.50
12.	500	C.Y. Import Subgrade Stab. Rock (If Nec.)	37.00	18,500.00	20.00	10,000.00	17.30	8,650.00	15.00	7,500.00	16.25	8,125.00	17.00	8,500.00
13.	5,528	S.Y. Soil Stabilization Geotextile (If Nec.)	1.20	6,633.60	0.50	2,764.00	0.50	2,764.00	0.40	2,211.20	0.55	3,040.40	0.50	2,764.00
<b>TOTAL STREET WORK</b>				<b>352,671.10</b>		<b>126,813.80</b>		<b>176,712.50</b>		<b>193,351.60</b>		<b>212,557.00</b>		<b>209,865.75</b>

**CONCRETE WORK**

1.	1,464	L.F. Cement Concrete Curb and Gutter	15.00	21,960.00	6.00	8,784.00	5.40	7,905.60	7.00	10,248.00	6.20	9,076.80	5.75	8,418.00
2.	14	L.F. Concrete Mountable Curb	10.00	140.00	10.00	140.00	5.50	77.00	8.50	119.00	15.00	210.00	16.00	224.00
3.	48	S.Y. Std. Concrete Residential Driveway	40.00	1,920.00	25.00	1,200.00	30.10	1,444.80	37.00	1,776.00	31.00	1,488.00	25.00	1,200.00
4.	305	S.Y. Std. Concrete Commercial Driveway	50.00	15,250.00	27.00	8,235.00	35.00	10,675.00	42.00	12,810.00	34.00	10,370.00	28.00	8,540.00
5.	692	S.Y. Concrete Sidewalk (Incl. Ramps)	35.00	24,220.00	19.00	13,148.00	22.00	15,224.00	27.00	18,684.00	20.25	14,013.00	15.25	10,553.00
<b>TOTAL CONCRETE WORK</b>				<b>63,490.00</b>		<b>31,507.00</b>		<b>35,326.40</b>		<b>43,637.00</b>		<b>35,157.80</b>		<b>28,935.00</b>

**STORM SEWER**

1.	23	L.F. 24" Storm Main (Imp. Backfill)	70.00	1,610.00	100.00	2,300.00	98.80	2,272.40	76.00	1,748.00	50.00	1,150.00	65.00	1,495.00
2.	46	L.F. 24" Conc. Storm - Cl. IV (Imp. Backfill)	90.00	4,140.00	45.00	2,070.00	61.40	2,824.40	84.00	3,864.00	42.00	1,932.00	65.00	2,990.00
3.	487	L.F. 12" Storm Main (Imp. Backfill)	55.00	26,785.00	33.00	16,071.00	38.00	18,506.00	33.50	16,314.50	26.00	12,662.00	27.00	13,149.00
4.	245	L.F. 12" Storm Lateral (Imp. Backfill)	55.00	13,475.00	35.00	8,575.00	40.90	10,020.50	34.80	8,526.00	27.00	6,615.00	35.00	8,575.00
5.	3	EA. Standard Storm Manhole	2,500.00	7,500.00	2,000.00	6,000.00	1,410.00	4,230.00	1,500.00	4,500.00	1,800.00	5,400.00	2,300.00	6,900.00
6.	5	EA. Recessed Curb Inlet	1,500.00	7,500.00	700.00	3,500.00	840.00	4,200.00	650.00	3,250.00	860.00	4,300.00	800.00	4,000.00
7.	1	EA. Ditch inlet	1,500.00	1,500.00	1,000.00	1,000.00	1,030.00	1,030.00	750.00	750.00	985.00	985.00	800.00	800.00
8.	1	EA. Plug & Abandon Exist. 24" Culvert	500.00	500.00	200.00	200.00	400.00	400.00	250.00	250.00	325.00	325.00	300.00	300.00
9.	12	L.F. Remove Exist. 24" Storm Culvert	40.00	480.00	14.00	168.00	20.50	246.00	10.00	120.00	6.00	72.00	20.00	240.00
10.	24	L.F. Remove Exist. 12" Storm Culvert	35.00	840.00	7.00	168.00	18.00	432.00	10.00	240.00	3.00	72.00	10.00	240.00
11.	21	L.F. Remove Exist. 10" Storm Culvert	30.00	630.00	5.00	105.00	16.70	350.70	10.00	210.00	3.00	63.00	10.00	210.00
12.	536	L.F. Trench Protection	7.00	3,752.00	1.00	536.00	0.01	5.36	0.25	134.00	1.00	536.00	0.10	53.60
13.	25	C.Y. Trench Foundation (If Nec.)	25.00	625.00	1.00	25.00	1.00	25.00	10.00	250.00	35.00	875.00	26.50	662.50
14.	25	C.Y. Rock Excavation (If Nec.)	100.00	2,500.00	50.00	1,250.00	80.00	2,000.00	50.00	1,250.00	45.00	1,125.00	20.00	500.00
15.	206	L.F. Utility Trench Pavement Restoration	20.00	4,120.00	13.00	2,678.00	8.00	1,648.00	18.00	3,708.00	15.00	3,090.00	8.50	1,751.00
<b>TOTAL STORM SEWER</b>				<b>75,957.00</b>		<b>44,646.00</b>		<b>48,190.36</b>		<b>45,114.50</b>		<b>39,202.00</b>		<b>41,866.10</b>

**WATER SYSTEM**

1.	54	L.F. 8" DIP Watermain (Imp. Backfill)	55.00	2,970.00	75.00	4,050.00	71.00	3,834.00	37.00	1,998.00	35.00	1,890.00	44.00	2,376.00
2.	2	EA. Standard Blowoff Assembly	1,500.00	3,000.00	300.00	600.00	640.00	1,280.00	1,500.00	3,000.00	800.00	1,600.00	750.00	1,500.00
3.	2	EA. Connect to Existing 8" DIP	1,000.00	2,000.00	500.00	1,000.00	200.00	400.00	350.00	700.00	450.00	900.00	400.00	800.00
4.	5	C.Y. Trench Foundation (If Nec.)	25.00	125.00	1.00	5.00	1.00	5.00	12.00	60.00	35.00	175.00	26.50	132.50
5.	5	C.Y. Rock Excavation (If Nec.)	100.00	500.00	1.00	5.00	100.00	500.00	50.00	250.00	45.00	225.00	20.00	100.00
<b>TOTAL WATER SYSTEM</b>				<b>8,595.00</b>		<b>5,660.00</b>		<b>6,019.00</b>		<b>6,008.00</b>		<b>4,790.00</b>		<b>4,908.50</b>

**EROSION CONTROL**

1.	L.S.	Erosion Control Measures		5,000.00		1,000.00		2,450.00		2,500.00		3,000.00		13,300.00
<b>TOTAL EROSION CONTROL</b>				<b>5,000.00</b>		<b>1,000.00</b>		<b>2,450.00</b>		<b>2,500.00</b>		<b>3,000.00</b>		<b>13,300.00</b>

**MISCELLANEOUS CONSTRUCTION**

1.	12	EA. Adjust Ex. Utility Lid to F.G.	100.00	1,200.00	400.00	4,800.00	170.00	2,040.00	250.00	3,000.00	225.00	2,700.00	200.00	2,400.00
2.	L.S.	Remove Exist. Traffic Signs		250.00		400.00		350.00		300.00		750.00		300.00
3.	L.S.	Utility Markers to be Relocated		250.00		125.00		230.00		250.00		500.00		80.00
4.	L.S.	Relocate Existing Mailboxes		100.00		250.00		280.00		250.00		375.00		350.00
5.	L.S.	Install Bollards		500.00		1,800.00		620.00		1,500.00		500.00		100.00
6.	24	L.F. Type III Barricade	25.00	600.00	500.00	12,000.00	43.00	1,032.00	45.00	1,080.00	55.00	1,320.00	65.00	1,560.00
7.	L.S.	14' Wide Permanent Gate		500.00		500.00		1,870.40		3,200.00		2,000.00		5,700.00
<b>TOTAL MISCELLANEOUS CONST.</b>				<b>3,400.00</b>		<b>19,875.00</b>		<b>6,422.40</b>		<b>8,580.00</b>		<b>8,145.00</b>		<b>10,490.00</b>

**TRAFFIC SIGNAL**

1.	L.S.			130,000.00		106,000.00		111,164.60		111,000.00		106,000.00		107,000.00
<b>TOTAL TRAFFIC SIGNAL</b>				<b>130,000.00</b>		<b>106,000.00</b>		<b>111,164.60</b>		<b>111,000.00</b>		<b>106,000.00</b>		<b>107,000.00</b>

SIGNING AND STRIPING												PEC		
1.	L.S.	Perm. Striping And Pavement Marking		5,000.00		1,050.00		3,412.50		2,700.00		3,250.00		3,350.00
2.	L.S.	Permanent Sign Installation, Complete		1,000.00		1,250.00		1.00		1,000.00		1,750.00		1,400.00
TOTAL TRAFFIC SIGNAL				6,000.00		2,300.00		3,413.50		3,700.00		5,000.00		4,750.00
TOTAL PHASE 4 CONSTRUCTION				645,113.10		337,801.80		389,698.76		414,891.10		413,851.80		421,115.35
PHASE 6 - GRAHAMS FERRY ROAD FRONTAGE STREET WORK														
1.	L.S.	Mobilization		30,000.00		15,000.00		7,600.00		5,000.00		19,122.00		15,000.00
2.	L.S.	Temp. Traffic Control Devices		10,000.00		2,000.00		14,200.00		1,000.00		4,000.00		6,250.00
3.	720 HRS.	Temp. Traffic Control Labor	35.00	25,200.00	1.00	720.00	1.00	720.00	34.00	24,480.00	31.50	22,680.00	34.00	24,480.00
4.	L.S.	Clearing and Grubbing		20,000.00		10,000.00		14,300.00		8,500.00		4,500.00		8,750.00
5.	1,200 C.Y.	Unclassified Excavation	20.00	24,000.00	6.00	7,200.00	9.80	11,760.00	11.00	13,200.00	8.00	9,600.00	8.50	10,200.00
6.	2,890 S.Y.	Untreated Subgrade	1.50	4,485.00	0.50	1,495.00	0.20	598.00	0.50	1,495.00	0.90	2,691.00	0.35	1,046.50
7.	2,768 S.Y.	3" of Class "B" A.C. Pavement	7.50	20,760.00	5.05	13,978.40	5.30	14,670.40	5.30	14,670.40	5.10	14,116.80	5.30	14,670.40
8.	2,768 S.Y.	2-1/2" of Class "C" A.C. Pavement	8.00	16,608.00	4.20	11,625.60	4.40	12,179.20	4.40	12,179.20	4.25	11,764.00	4.60	12,732.80
9.	167 C.Y.	3/4"-0 Leveling Course Rock	28.50	4,759.50	18.00	3,173.00	29.50	4,926.50	30.00	5,010.00	34.00	5,678.00	28.25	4,717.75
10.	1,011 C.Y.	1-1/2"-0 Base Rock	26.50	26,791.50	14.00	14,154.00	16.70	16,883.70	15.00	15,165.00	20.00	20,220.00	18.00	18,198.00
11.	1,129 L.F.	Sawcut Exist. Pavement	4.50	5,080.50	1.00	1,129.00	1.20	1,354.80	1.00	1,129.00	1.00	1,129.00	1.35	1,524.15
12.	500 C.Y.	Import Subgrade Stab. Rock (If Nec.)	37.00	18,500.00	20.00	10,000.00	13.60	6,800.00	15.00	7,500.00	16.25	8,125.00	17.00	8,500.00
13.	2,990 S.Y.	Soil Stabilization Geotextile (If Nec.)	1.20	3,588.00	0.50	1,495.00	0.50	1,495.00	0.40	1,196.00	0.55	1,644.50	0.50	1,495.00
TOTAL STREET WORK				209,772.50		91,970.00		107,487.60		110,524.60		125,270.30		127,564.60
CONCRETE WORK														
1.	1,334 L.F.	Cement Concrete Curb and Gutter	15.00	20,010.00	6.00	8,004.00	5.40	7,203.60	7.00	9,338.00	6.20	8,270.80	5.75	7,670.50
2.	8 S.Y.	Std. Concrete Residential Driveway	40.00	320.00	25.00	200.00	27.60	220.80	37.00	296.00	31.00	248.00	25.00	200.00
3.	8 S.Y.	Std. Concrete Commercial Driveway	50.00	400.00	27.00	216.00	32.80	262.40	42.00	336.00	34.00	272.00	28.00	224.00
4.	724 S.Y.	Concrete Sidewalk (Incl. Ramps)	35.00	25,340.00	19.00	13,756.00	22.00	15,928.00	27.09	19,613.16	20.25	14,661.00	15.25	11,041.00
TOTAL CONCRETE WORK				46,070.00		22,176.00		23,614.80		29,583.16		23,451.80		19,135.50
STORM SEWER														
1.	733 L.F.	12" Storm Main (Imp. Backfill)	55.00	40,315.00	33.00	24,189.00	30.90	22,649.70	33.00	24,189.00	26.00	19,058.00	27.00	19,791.00
2.	44 L.F.	12" Storm Lateral (Imp. Backfill)	55.00	2,420.00	35.00	1,540.00	35.60	1,566.40	34.00	1,496.00	27.00	1,188.00	31.00	1,364.00
3.	4 EA.	Standard Storm Manhole	2,500.00	10,000.00	2,000.00	8,000.00	1,330.00	5,320.00	1,500.00	6,000.00	1,800.00	7,200.00	2,000.00	8,000.00
4.	3 EA.	Recessed Curb Inlet	1,500.00	4,500.00	700.00	2,100.00	840.00	2,520.00	650.00	1,950.00	860.00	2,580.00	800.00	2,400.00
5.	33 L.F.	Remove Exist. 12" Storm Culvert	35.00	1,155.00	7.00	231.00	14.80	488.40	9.00	297.00	3.00	99.00	10.00	330.00
6.	733 L.F.	Trench Protection	7.00	5,131.00	1.00	733.00	0.01	7.33	0.25	183.25	1.00	733.00	0.10	73.30
7.	25 C.Y.	Trench Foundation (If Nec.)	25.00	625.00	1.00	25.00	1.00	25.00	12.00	300.00	35.00	875.00	26.50	662.50
8.	25 C.Y.	Rock Excavation (If Nec.)	100.00	2,500.00	50.00	1,250.00	80.00	2,000.00	50.00	1,250.00	45.00	1,125.00	20.00	500.00
9.	706 L.F.	Utility Trench Pavement Restoration	20.00	14,120.00	13.00	9,178.00	8.00	5,648.00	18.00	12,708.00	15.00	10,590.00	9.60	6,777.60
TOTAL STORM SEWER				80,766.00		47,246.00		40,224.83		48,373.25		43,448.00		39,898.40
EROSION CONTROL														
1.	L.S.	Erosion Control Measures		5,000.00		1,000.00		2,350.00		500.00		3,000.00		9,500.00
TOTAL EROSION CONTROL				5,000.00		1,000.00		2,350.00		500.00		3,000.00		9,500.00
MISCELLANEOUS CONSTRUCTION														
1.	L.S.	Remove Exist. Traffic Signs		250.00		400.00		230.00		50.00		500.00		400.00
2.	L.S.	Utility Markers to be Relocated		250.00		125.00		230.00		250.00		400.00		80.00
TOTAL MISCELLANEOUS CONST.				500.00		525.00		460.00		300.00		900.00		480.00
SIGNING AND STRIPING														
1.	L.S.	Perm. Striping And Pavement Marking		5,000.00		1,050.00		315.00		2,500.00		300.00		310.00
2.	L.S.	Permanent Sign Installation, Complete		1,000.00		1,250.00		1.00		500.00		1,250.00		2,200.00
TOTAL TRAFFIC SIGNAL				6,000.00		2,300.00		316.00		3,000.00		1,550.00		2,510.00
TOTAL PHASE 6 CONSTRUCTION				348,108.50		165,217.00		174,453.23		192,281.01		197,620.10		199,088.50
TOTAL CONSTRUCTION PHASE 3A, 3B, 4 & 6				2,011,841.20		997,221.00		1,035,551.70		1,135,356.66		1,150,461.30		1,160,984.25

ITEM	QUAN.	UNIT	DESCRIPTION	ENGINEER'S EST.		6 - George Schmid		7 - Emery & Sons		8 - OR Asph. Paving		9 - Valley Pacific		10 - Goodfellow B&C	
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
<b>PHASE 3A - CLAY STREET</b>															
<b>STREET WORK</b>															
1.		L.S.	Mobilization		45,000.00		27,625.00		21,000.00		17,500.00		10,696.00		30,000.00
2.		L.S.	Temp. Traffic Control Devices		10,000.00		5,580.00		1,200.00		1,675.00		2,192.00		8,000.00
3.	320	HRS.	Temp. Traffic Control Labor	35.00	11,200.00	38.00	12,160.00	35.00	11,200.00	33.00	10,560.00	31.80	10,176.00	1.00	320.00
4.		L.S.	Clearing and Grubbing		20,000.00		5,575.00		2,000.00		5,620.00		3,772.00		8,000.00
5.	2,650	C.Y.	Unclassified Excavation	20.00	53,000.00	10.50	27,825.00	7.00	18,550.00	7.00	18,550.00	7.41	19,636.50	12.00	31,800.00
6.	8,904	S.Y.	Untreated Subgrade	1.50	10,356.00	1.20	8,284.80	0.10	690.40	1.10	7,594.40	1.52	10,494.08	1.00	6,904.00
7.	6,508	S.Y.	2" of Class "B" A.C. Pavement	4.50	29,286.00	3.40	22,127.20	4.00	26,032.00	3.30	21,476.40	3.60	23,428.80	4.00	26,032.00
8.	6,246	S.Y.	2" of Class "C" A.C. Pavement	4.50	28,107.00	3.40	21,236.40	4.00	24,984.00	3.30	20,811.80	3.60	22,485.60	4.00	24,984.00
9.	398	C.Y.	3/4"-0 Leveling Course Rock	28.50	11,343.00	16.00	6,368.00	25.00	9,950.00	25.00	9,950.00	34.80	13,850.40	35.00	13,930.00
10.	1,061	C.Y.	1-1/2"-0 Base Rock	26.50	28,116.50	16.00	16,976.00	25.00	26,525.00	20.50	21,750.50	19.40	20,583.40	25.00	26,525.00
11.	99	L.F.	Sawcut Exist. Pavement	4.50	445.50	1.80	178.20	0.75	74.25	1.00	99.00	0.60	59.40	1.00	99.00
12.	500	C.Y.	Import Subgrade Stab. Rock (If Nec.)	37.00	18,500.00	27.00	13,500.00	20.00	10,000.00	26.00	13,000.00	23.54	11,770.00	10.00	5,000.00
13.	6,904	S.Y.	Soil Stabilization Geotextile (If Nec.)	1.20	8,284.80	1.00	6,904.00	0.10	690.40	0.50	3,452.00	0.70	4,832.80	0.50	3,452.00
<b>TOTAL STREET WORK</b>					<b>273,638.80</b>		<b>174,339.60</b>		<b>152,896.05</b>		<b>151,839.10</b>		<b>153,976.98</b>		<b>185,046.00</b>
<b>CONCRETE WORK</b>															
1.	2,374	L.F.	Cement Concrete Curb and Gutter	15.00	35,610.00	6.45	15,312.30	5.50	13,057.00	7.75	18,398.50	6.60	15,668.40	6.50	15,431.00
2.	1,336	S.Y.	Concrete Sidewalk (Incl. Ramps)	35.00	46,760.00	20.75	27,722.00	18.00	24,048.00	22.80	30,460.80	23.20	30,995.20	19.00	25,384.00
3.	10	S.Y.	Concrete Commercial Driveway	50.00	500.00	33.40	334.00	30.00	300.00	38.00	380.00	51.80	518.00	31.00	310.00
<b>TOTAL CONCRETE WORK</b>					<b>82,870.00</b>		<b>43,368.30</b>		<b>37,405.00</b>		<b>49,239.30</b>		<b>47,181.60</b>		<b>41,125.00</b>
<b>STORM SEWER</b>															
1.	390	L.F.	24" Conc. Str. Culvert (Cl. IV) (Imp.)	90.00	35,100.00	40.70	15,873.00	42.00	16,380.00	42.60	16,614.00	33.00	12,870.00	55.00	21,450.00
2.	482	L.F.	12" Storm Main (Imp. Backfill)	55.00	26,510.00	21.95	10,579.90	28.00	13,496.00	33.00	15,906.00	26.30	12,676.60	35.00	16,970.00
3.	45	L.F.	12" Storm Lateral (Imp. Backfill)	55.00	2,475.00	25.00	1,125.00	45.00	2,025.00	36.00	1,620.00	38.60	1,737.00	35.00	1,575.00
4.	317	L.F.	10" Storm Culvert (Imp. Backfill)	50.00	15,850.00	25.75	8,162.75	13.00	4,121.00	29.00	9,193.00	21.30	6,752.10	40.00	12,680.00
5.	3	EA.	Standard Storm Manhole	2,500.00	7,500.00	2,030.00	6,090.00	1,800.00	5,400.00	1,800.00	5,400.00	1,928.00	5,784.00	1,800.00	5,400.00
6.	1	EA.	Recessed Curb Inlet	1,500.00	1,500.00	1,020.00	1,020.00	800.00	800.00	726.00	726.00	697.00	697.00	900.00	900.00
7.	3	EA.	Oversized Recessed Curb Inlet	2,500.00	7,500.00	1,095.00	3,285.00	860.00	2,580.00	802.00	2,406.00	913.00	2,739.00	1,100.00	3,300.00
8.	3	EA.	Ditch Inlet	1,500.00	4,500.00	1,150.00	3,450.00	910.00	2,730.00	850.00	2,550.00	697.00	2,091.00	1,100.00	3,300.00
9.	41	L.F.	Remove Ex. 18" Storm Culvert	40.00	1,640.00	12.00	492.00	10.00	410.00	17.00	697.00	5.10	209.10	5.00	205.00
10.	162	L.F.	Remove Ex. 10" Storm Culvert	30.00	4,860.00	12.00	1,944.00	5.00	810.00	15.00	2,430.00	8.50	1,377.00	5.00	810.00
11.	482	L.F.	Trench Protection	7.00	3,374.00	1.00	482.00	1.00	482.00	2.00	964.00	0.90	433.80	1.00	482.00
12.	25	C.Y.	Trench Foundation (If Nec.)	25.00	625.00	27.00	675.00	20.00	500.00	25.00	625.00	25.50	637.50	10.00	250.00
13.	25	C.Y.	Rock Excavation (If Nec.)	100.00	2,500.00	80.00	2,000.00	60.00	1,500.00	50.00	1,250.00	66.30	1,657.50	15.00	375.00
<b>TOTAL STORM SEWER</b>					<b>113,934.00</b>		<b>55,178.65</b>		<b>51,234.00</b>		<b>60,381.00</b>		<b>49,661.60</b>		<b>67,597.00</b>
<b>EROSION CONTROL</b>															
1.		L.S.	Erosion Control Measures		5,000.00		3,765.00		3,000.00		2,700.00		4,606.00		2,500.00
<b>TOTAL EROSION CONTROL</b>					<b>5,000.00</b>		<b>3,765.00</b>		<b>3,000.00</b>		<b>2,700.00</b>		<b>4,606.00</b>		<b>2,500.00</b>
<b>MISCELLANEOUS CONSTRUCTION</b>															
1.		L.S.	Utility Markers to be Relocated		250.00		1,055.00		150.00		550.00		124.00		250.00
2.		L.S.	Relocate Exist. Mailboxes		100.00		950.00		450.00		535.00		688.00		1,000.00
3.		L.S.	Grouted Rip-rap W/ Trash Rack		1,500.00		2,550.00		950.00		600.00		6,314.00		6,000.00
4.		L.S.	Grouted Riprap		1,000.00		2,000.00		1,250.00		600.00		1,696.00		5,000.00
<b>TOTAL MISCELLANEOUS CONST.</b>					<b>2,850.00</b>		<b>6,555.00</b>		<b>2,800.00</b>		<b>2,285.00</b>		<b>8,822.00</b>		<b>12,250.00</b>
<b>SIGNING AND STRIPING</b>															
1.		L.S.	Perm. Striping And Pavement Marking		5,000.00		515.00		340.00		315.00		641.00		500.00
2.		L.S.	Permanent Sign Installation, Complete		1,000.00		515.00		450.00		500.00		1.00		1,000.00
<b>TOTAL TRAFFIC SIGNAL</b>					<b>6,000.00</b>		<b>1,030.00</b>		<b>790.00</b>		<b>815.00</b>		<b>642.00</b>		<b>1,500.00</b>
<b>TOTAL PHASE 3A CONSTRUCTION</b>					<b>484,292.80</b>		<b>284,236.55</b>		<b>248,125.05</b>		<b>267,259.40</b>		<b>264,890.18</b>		<b>310,018.00</b>



**PHASE 3B - CAHALIN ROAD**

**STREET WORK**

1.		L.S.	Mobilization		50,000.00		27,625.00		26,000.00		18,286.00		12,586.00		30,000.00
2.		L.S.	Temp. Traffic Control Devices		10,000.00		6,245.00		1,200.00		1,600.00		3,685.00		10,000.00
3.	160	HRS.	Temp. Traffic Control Labor	35.00	5,600.00	38.00	6,080.00	35.00	5,600.00	32.00	5,120.00	31.80	5,088.00	1.00	160.00
4.		L.S.	Clearing and Grubbing		20,000.00		10,500.00		12,000.00		10,500.00		8,759.00		10,000.00
5.	4,550	C.Y.	Unclassified Excavation	20.00	91,000.00	10.50	47,775.00	7.00	31,850.00	7.00	31,850.00	7.12	32,396.00	12.00	54,600.00
6.	5,949	S.Y.	Untreated Subgrade	1.50	8,923.50	1.20	7,138.80	0.10	594.90	1.20	5,949.00	1.14	6,781.86	1.00	5,949.00
7.	5,616	S.Y.	2" of Class "B" A.C. Pavement	4.50	25,272.00	3.40	19,094.40	4.00	22,464.00	3.30	18,532.80	3.60	20,217.60	4.00	22,464.00
8.	5,616	S.Y.	2" of Class "C" A.C. Pavement	4.50	25,272.00	3.40	19,094.40	4.00	22,464.00	3.30	18,532.80	3.60	20,217.60	4.00	22,464.00
9.	318	C.Y.	3/4"-0 Leveling Course Rock	28.50	9,063.00	16.00	5,088.00	25.00	7,950.00	25.00	7,950.00	38.50	12,243.00	35.00	11,130.00
10.	934	C.Y.	1-1/2"-0 Base Rock	26.50	24,751.00	16.00	14,944.00	25.00	23,350.00	22.00	20,548.00	18.70	17,465.80	25.00	23,350.00
11.	193	L.F.	Sawcut Exist. Pavement	4.50	868.50	1.80	347.40	0.75	144.75	1.00	193.00	0.60	115.80	1.00	193.00
12.	500	C.Y.	Import Subgrade Stab. Rock (If Nec.)	37.00	18,500.00	27.00	13,500.00	20.00	10,000.00	25.00	12,500.00	23.54	11,770.00	10.00	5,000.00
13.	5,949	S.Y.	Soil Stabilization Geotextile (If Nec.)	1.20	7,138.80	1.00	5,949.00	0.10	594.90	0.50	2,974.50	0.70	4,164.30	0.50	2,974.50
<b>TOTAL STREET WORK</b>					<b>296,388.80</b>		<b>183,381.00</b>		<b>164,212.55</b>		<b>154,536.10</b>		<b>155,489.96</b>		<b>198,284.50</b>

**CONCRETE WORK**

1.	1,997	L.F.	Cement Concrete Curb and Gutter	15.00	29,955.00	6.45	12,880.65	5.50	10,983.50	7.50	14,977.50	6.60	13,180.20	6.50	12,880.50
2.	28	S.Y.	Concrete Driveways	40.00	1,120.00	26.75	749.00	30.00	840.00	29.00	812.00	63.60	1,780.80	31.00	868.00
3.	1,107	S.Y.	Concrete Sidewalk (Incl. Ramps)	35.00	38,745.00	20.75	22,970.25	18.00	19,926.00	23.00	25,461.00	21.20	23,468.40	19.00	21,033.00
<b>TOTAL CONCRETE WORK</b>					<b>69,820.00</b>		<b>36,599.90</b>		<b>31,749.50</b>		<b>41,250.50</b>		<b>38,429.40</b>		<b>34,881.50</b>

**STORM SEWER**

1.	1,849	L.F.	12" Storm Main (Imp. Backfill)	55.00	101,695.00	21.95	40,585.55	34.00	62,866.00	34.50	63,790.50	31.30	57,873.70	35.00	64,715.00
2.	158	L.F.	12" Storm Lateral (Imp. Backfill)	55.00	8,690.00	25.00	3,950.00	50.00	7,900.00	32.00	5,056.00	40.40	6,383.20	35.00	5,530.00
3.	6	EA	Standard Storm Manhole	2,500.00	15,000.00	2,030.00	12,180.00	2,000.00	12,000.00	1,600.00	9,600.00	2,089.00	12,534.00	1,800.00	10,800.00
4.	7	EA	Recessed Curb Inlet	1,500.00	10,500.00	1,020.00	7,140.00	800.00	5,600.00	727.00	5,089.00	697.00	4,879.00	800.00	6,300.00
5.	1	EA	Manhole Connection	1,000.00	1,000.00	865.00	865.00	1,500.00	1,500.00	396.00	396.00	2,221.00	2,221.00	500.00	500.00
6.	1,849	L.F.	Trench Protection	7.00	12,843.00	1.00	1,849.00	1.00	1,849.00	1.40	2,588.60	0.90	1,664.10	1.00	1,849.00
7.	50	C.Y.	Trench Foundation (If Nec.)	25.00	1,250.00	27.00	1,350.00	20.00	1,000.00	25.00	1,250.00	25.50	1,275.00	10.00	500.00
8.	50	C.Y.	Rock Excavation (If Nec.)	100.00	5,000.00	80.00	4,000.00	60.00	3,000.00	50.00	2,500.00	66.30	3,315.00	15.00	750.00
<b>TOTAL STORM SEWER</b>					<b>156,078.00</b>		<b>71,919.55</b>		<b>95,715.00</b>		<b>90,270.10</b>		<b>90,145.00</b>		<b>90,944.00</b>

**EROSION CONTROL**

1.		L.S.	Erosion Control Measures		5,000.00		3,415.00		3,500.00		2,700.00		3,224.00		5,000.00
<b>TOTAL EROSION CONTROL</b>					<b>5,000.00</b>		<b>3,415.00</b>		<b>3,500.00</b>		<b>2,700.00</b>		<b>3,224.00</b>		<b>5,000.00</b>

**MISCELLANEOUS CONSTRUCTION**

1.	1	EA	Adjust Ex. Utility Lid to F.G.	100.00	100.00	265.00	265.00	330.00	330.00	40.00	40.00	260.00	260.00	1,000.00	1,000.00
2.		L.S.	Remove Exist. Traffic Signs		250.00		530.00		60.00		500.00		35.00		1,000.00
3.		L.S.	Utility Markers to be Relocated		250.00		1,055.00		160.00		535.00		226.00		250.00
4.	22	L.F.	Remove & Relocate 4' Hogwire Fence	20.00	440.00	21.00	462.00	6.00	132.00	11.00	242.00	12.70	279.40	7.00	154.00
<b>TOTAL MISCELLANEOUS CONST.</b>					<b>1,040.00</b>		<b>2,312.00</b>		<b>682.00</b>		<b>1,317.00</b>		<b>800.40</b>		<b>2,404.00</b>

**SIGNING AND STRIPING**

1.		L.S.	Perm. Striping And Pavement Marking		5,000.00		515.00		340.00		320.00		641.00		500.00
2.		L.S.	Permanent Sign Installation, Complete		1,000.00		1,030.00		450.00		500.00		59.00		1,000.00
<b>TOTAL TRAFFIC SIGNAL</b>					<b>6,000.00</b>		<b>1,545.00</b>		<b>790.00</b>		<b>820.00</b>		<b>700.00</b>		<b>1,500.00</b>

**TOTAL PHASE 3B CONSTRUCTION**

				<b>534,326.80</b>		<b>299,172.45</b>		<b>296,649.05</b>		<b>290,893.70</b>		<b>288,788.76</b>		<b>333,014.00</b>
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**PHASE 4 - GRAHAMS FERRY ROAD / DAY ROAD INTERSECTION**

**STREET WORK**

1.		L.S.	Mobilization		60,000.00		4,000.00		42,000.00		21,500.00		15,688.00		30,000.00
2.		L.S.	Temp. Traffic Control Devices		10,000.00		5,590.00		2,500.00		1,600.00		3,830.00		10,000.00
3.	1,440	HRS.	Temp. Traffic Control Labor	35.00	50,400.00	38.00	54,720.00	35.00	50,400.00	32.00	46,080.00	31.80	45,792.00	1.00	1,440.00
4.		L.S.	Clearing and Grubbing		20,000.00		6,500.00		7,000.00		5,535.00		15,024.00		10,000.00
5.	2,600	C.Y.	Unclassified Excavation	20.00	52,000.00	10.50	27,300.00	7.00	18,200.00	7.00	18,200.00	8.53	22,178.00	12.00	31,200.00
6.	5,528	S.Y.	Untreated Subgrade	1.50	8,292.00	1.20	6,833.60	0.10	552.80	1.00	5,528.00	1.73	9,563.44	1.00	5,528.00
7.	5,284	S.Y.	3" of Class "B" A.C. Pavement	7.50	39,630.00	5.15	27,212.60	5.50	29,082.00	5.00	28,420.00	5.40	28,533.60	6.00	31,704.00
8.	5,284	S.Y.	2-1/2" of Class "C" A.C. Pavement	6.00	31,704.00	4.30	22,721.20	5.00	26,420.00	4.15	21,928.60	4.50	23,778.00	5.00	26,420.00
9.	301	C.Y.	3/4"-0 Leveling Course Rock	28.50	8,578.50	16.00	4,816.00	25.00	7,525.00	25.00	7,525.00	38.10	10,866.10	35.00	10,535.00
10.	1,732	C.Y.	1-1/2"-0 Base Rock	26.50	45,898.00	16.00	27,712.00	25.00	43,300.00	20.00	34,640.00	20.70	35,852.40	25.00	43,300.00
11.	230	L.F.	Sawcut Exist. Pavement	4.50	1,035.00	1.80	414.00	0.75	172.50	1.00	230.00	0.60	138.00	1.00	230.00
12.	500	C.Y.	Import Subgrade Stab. Rock (If Nec.)	37.00	18,500.00	27.00	13,500.00	20.00	10,000.00	25.00	12,500.00	23.54	11,770.00	10.00	5,000.00
13.	5,528	S.Y.	Soil Stabilization Geotextile (If Nec.)	1.20	6,633.60	1.00	5,528.00	0.10	552.80	0.50	2,764.00	0.70	3,869.60	0.50	2,764.00
<b>TOTAL STREET WORK</b>					<b>352,671.10</b>		<b>206,647.40</b>		<b>237,685.10</b>		<b>204,450.60</b>		<b>226,883.14</b>		<b>208,121.00</b>

CONCRETE WORK

1.	1,484	L.F.	Cement Concrete Curb and Gutter	15.00	21,960.00	6.45	9,442.80	5.50	8,052.00	7.50	10,980.00	6.60	9,662.40	6.50	9,516.00
2.	14	L.F.	Concrete Mountable Curb	10.00	140.00	11.35	158.90	20.00	280.00	12.00	168.00	19.50	273.00	25.00	350.00
3.	48	S.Y.	Std. Concrete Residential Driveway	40.00	1,920.00	26.00	1,248.00	30.00	1,440.00	29.00	1,392.00	38.00	1,824.00	31.00	1,488.00
4.	305	S.Y.	Std. Concrete Commercial Driveway	50.00	15,250.00	33.40	10,187.00	30.00	9,150.00	38.00	11,590.00	37.00	11,285.00	31.00	9,455.00
5.	692	S.Y.	Concrete Sidewalk (Incl. Ramps)	35.00	24,220.00	20.75	14,359.00	18.00	12,456.00	23.00	15,916.00	23.30	16,123.60	19.00	13,148.00
<b>TOTAL CONCRETE WORK</b>					<b>63,490.00</b>		<b>35,395.70</b>		<b>31,378.00</b>		<b>40,046.00</b>		<b>39,168.00</b>		<b>33,957.00</b>

STORM SEWER

1.	23	L.F.	24" Storm Main (Imp. Backfill)	70.00	1,610.00	28.50	655.50	75.00	1,725.00	62.00	1,426.00	97.00	2,231.00	50.00	1,150.00
2.	46	L.F.	24" Conc. Storm - Cl. IV (Imp. Backfill)	90.00	4,140.00	40.70	1,872.20	80.00	3,680.00	62.00	2,852.00	45.30	2,083.80	54.00	2,484.00
3.	487	L.F.	12" Storm Main (Imp. Backfill)	55.00	26,785.00	21.95	10,689.65	32.00	15,584.00	33.00	16,071.00	28.60	13,928.20	35.00	17,045.00
4.	245	L.F.	12" Storm Lateral (Imp. Backfill)	55.00	13,475.00	25.00	6,125.00	44.00	10,780.00	33.00	8,085.00	29.80	7,301.00	35.00	8,575.00
5.	3	EA	Standard Storm Manhole	2,500.00	7,500.00	2,030.00	6,090.00	2,000.00	6,000.00	1,847.00	5,541.00	2,225.00	6,675.00	1,800.00	5,400.00
6.	5	EA	Recessed Curb Inlet	1,500.00	7,500.00	1,020.00	5,100.00	800.00	4,000.00	727.00	3,635.00	876.00	3,380.00	1,100.00	5,500.00
7.	1	EA	Ditch Inlet	1,500.00	1,500.00	1,150.00	1,150.00	910.00	910.00	850.00	850.00	697.00	697.00	1,100.00	1,100.00
8.	1	EA	Plug & Abandon Exist. 24" Culvert	500.00	500.00	315.00	315.00	700.00	700.00	412.00	412.00	191.00	191.00	500.00	500.00
9.	12	L.F.	Remove Exist. 24" Storm Culvert	40.00	480.00	12.00	144.00	10.00	120.00	28.00	336.00	25.00	300.00	5.00	60.00
10.	24	L.F.	Remove Exist. 12" Storm Culvert	35.00	840.00	12.00	288.00	5.00	120.00	20.00	480.00	7.00	168.00	5.00	120.00
11.	21	L.F.	Remove Exist. 10" Storm Culvert	30.00	630.00	12.00	252.00	5.00	105.00	20.00	420.00	7.00	147.00	5.00	105.00
12.	536	L.F.	Trench Protection	7.00	3,752.00	1.00	536.00	1.00	536.00	3.00	1,608.00	0.90	482.40	1.00	536.00
13.	25	C.Y.	Trench Foundation (If Nec.)	25.00	625.00	27.00	675.00	20.00	500.00	25.00	625.00	25.50	637.50	10.00	250.00
14.	25	C.Y.	Rock Excavation (If Nec.)	100.00	2,500.00	80.00	2,000.00	60.00	1,500.00	50.00	1,250.00	66.30	1,657.50	15.00	375.00
15.	206	L.F.	Utility Trench Pavement Restoration	20.00	4,120.00	6.20	1,277.20	11.00	2,266.00	13.00	2,678.00	20.00	4,120.00	20.00	4,120.00
<b>TOTAL STORM SEWER</b>					<b>75,957.00</b>		<b>37,169.55</b>		<b>48,526.00</b>		<b>46,269.00</b>		<b>43,999.40</b>		<b>47,320.00</b>

WATER SYSTEM

1.	54	L.F.	8" DIP Watermain (Imp. Backfill)	55.00	2,970.00	23.00	1,242.00	70.00	3,780.00	58.00	3,132.00	38.50	2,079.00	55.00	2,970.00
2.	2	EA	Standard Blowoff Assembly	1,500.00	3,000.00	1,665.00	3,330.00	800.00	1,600.00	1,200.00	2,400.00	813.00	1,626.00	2,000.00	4,000.00
3.	2	EA	Connect to Existing 8" DIP	1,000.00	2,000.00	210.00	420.00	100.00	200.00	615.00	1,230.00	254.00	508.00	500.00	1,000.00
4.	5	C.Y.	Trench Foundation (If Nec.)	25.00	125.00	27.00	135.00	20.00	100.00	25.00	125.00	27.50	137.50	10.00	50.00
5.	5	C.Y.	Rock Excavation (If Nec.)	100.00	500.00	80.00	400.00	60.00	300.00	50.00	250.00	66.70	333.50	15.00	75.00
<b>TOTAL WATER SYSTEM</b>					<b>8,595.00</b>		<b>5,527.00</b>		<b>5,980.00</b>		<b>7,137.00</b>		<b>4,684.00</b>		<b>8,095.00</b>

EROSION CONTROL

1.		L.S.	Erosion Control Measures		5,000.00		3,560.00		4,400.00		4,000.00		9,558.00		5,000.00
<b>TOTAL EROSION CONTROL</b>					<b>5,000.00</b>		<b>3,560.00</b>		<b>4,400.00</b>		<b>4,000.00</b>		<b>9,558.00</b>		<b>5,000.00</b>

MISCELLANEOUS CONSTRUCTION

1.	12	EA	Adjust Ex. Utility Lid to F.G.	100.00	1,200.00	265.00	3,180.00	150.00	1,800.00	40.00	480.00	177.00	2,124.00	750.00	9,000.00
2.		L.S.	Remove Exist. Traffic Signs		250.00		425.00		130.00		500.00		185.00		2,000.00
3.		L.S.	Utility Markers to be Relocated		250.00		1,055.00		160.00		535.00		288.00		250.00
4.		L.S.	Relocate Existing Mailboxes		100.00		635.00		120.00		535.00		652.00		500.00
5.		L.S.	Install Bollards		500.00		570.00		210.00		1,200.00		208.00		1,000.00
6.	24	L.F.	Type III Barricade	25.00	600.00	37.00	888.00	58.00	1,392.00	54.00	1,296.00	43.00	1,032.00	60.00	1,440.00
7.		L.S.	14' Wide Permanent Gate		500.00		895.00		1,360.00		2,000.00		1,371.00		1,000.00
<b>TOTAL MISCELLANEOUS CONST.</b>					<b>3,400.00</b>		<b>7,648.00</b>		<b>5,172.00</b>		<b>6,546.00</b>		<b>5,860.00</b>		<b>15,190.00</b>

TRAFFIC SIGNAL

1.		L.S.			130,000.00		116,425.00		110,000.00		113,300.00		114,510.00		109,000.00
<b>TOTAL TRAFFIC SIGNAL</b>					<b>130,000.00</b>		<b>116,425.00</b>		<b>110,000.00</b>		<b>113,300.00</b>		<b>114,510.00</b>		<b>109,000.00</b>

SIGNING AND STRIPING

1.		L.S.	Perm. Striping And Pavement Marking		5,000.00		3,550.00		3,500.00		3,500.00		4,611.00		5,000.00
2.		L.S.	Permanent Sign Installation, Complete		1,000.00		775.00		2,200.00		1,000.00		819.00		5,000.00
<b>TOTAL TRAFFIC SIGNAL</b>					<b>6,000.00</b>		<b>4,325.00</b>		<b>5,700.00</b>		<b>4,500.00</b>		<b>5,430.00</b>		<b>10,000.00</b>

TOTAL PHASE 4 CONSTRUCTION

					<b>645,113.10</b>		<b>416,697.65</b>		<b>448,841.10</b>		<b>426,248.60</b>		<b>450,092.54</b>		<b>436,683.00</b>
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PHASE 6 - GRAHAMS FERRY ROAD FRONTAGE

STREET WORK															
1.		L.S.	Mobilization		30,000.00		4,000.00		16,000.00		16,650.00		11,975.00		30,000.00
2.		L.S.	Temp. Traffic Control Devices		10,000.00		5,590.00		2,200.00		1,620.00		3,649.00		10,000.00
3.	720	HRS.	Temp. Traffic Control Labor	35.00	25,200.00	38.00	27,360.00	35.00	25,200.00	32.00	23,040.00	31.80	22,896.00	1.00	720.00
4.		L.S.	Clearing and Grubbing		20,000.00		3,500.00		6,000.00		11,000.00		13,781.00		10,000.00
5.	1,200	C.Y.	Unclassified Excavation	20.00	24,000.00	10.50	12,600.00	7.00	8,400.00	7.00	8,400.00	7.15	8,580.00	12.00	14,400.00
6.	2,990	S.Y.	Untreated Subgrade	1.50	4,485.00	1.20	3,588.00	0.10	299.00	1.00	2,990.00	1.73	5,172.70	1.00	2,990.00
7.	2,768	S.Y.	3" of Class "B" A.C. Pavement	7.50	20,760.00	5.20	14,393.60	5.50	15,224.00	5.00	13,840.00	5.50	15,224.00	6.00	16,608.00
8.	2,768	S.Y.	2-1/2" of Class "C" A.C. Pavement	6.00	16,608.00	4.35	12,040.80	5.00	13,840.00	4.30	11,902.40	4.50	12,456.00	5.00	13,840.00
9.	167	C.Y.	3/4"-0 Leveling Course Rock	28.50	4,759.50	16.00	2,672.00	25.00	4,175.00	25.00	4,175.00	40.77	6,808.59	35.00	5,845.00
10.	1,011	C.Y.	1-1/2"-0 Base Rock	26.50	26,791.50	16.00	18,176.00	25.00	25,275.00	20.00	20,220.00	20.75	20,978.25	25.00	25,275.00
11.	1,129	L.F.	Sawcut Exist. Pavement	4.50	5,080.50	1.80	2,032.20	0.75	846.75	1.00	1,129.00	0.60	677.40	1.00	1,129.00
12.	500	C.Y.	Import Subgrade Stab. Rock (If Nec.)	37.00	18,500.00	27.00	13,500.00	20.00	10,000.00	25.00	12,500.00	23.54	11,770.00	10.00	5,000.00
13.	2,990	S.Y.	Soil Stabilization Geotextile (If Nec.)	1.20	3,588.00	1.00	2,990.00	0.10	299.00	0.50	1,495.00	0.70	2,093.00	0.50	1,495.00
TOTAL STREET WORK					209,772.50		120,442.60		127,758.75		128,961.40		136,060.94		137,302.00
CONCRETE WORK															
1.	1,334	L.F.	Cement Concrete Curb and Gutter	15.00	20,010.00	6.45	8,604.30	5.50	7,337.00	7.50	10,005.00	6.60	8,804.40	6.50	8,671.00
2.	8	S.Y.	Std. Concrete Residential Driveway	40.00	320.00	26.00	208.00	30.00	240.00	29.00	232.00	44.90	359.20	31.00	248.00
3.	8	S.Y.	Std. Concrete Commercial Driveway	50.00	400.00	33.40	267.20	30.00	240.00	38.00	304.00	44.90	359.20	31.00	248.00
4.	724	S.Y.	Concrete Sidewalk (Incl. Ramps)	35.00	25,340.00	20.75	15,023.00	18.00	13,032.00	23.00	16,652.00	23.50	17,014.00	19.00	13,756.00
TOTAL CONCRETE WORK					46,070.00		24,102.50		20,849.00		27,193.00		26,536.80		22,923.00
STORM SEWER															
1.	733	L.F.	12" Storm Main (Imp. Backfill)	55.00	40,315.00	21.95	16,089.35	28.00	20,524.00	31.00	22,723.00	28.10	20,597.30	30.00	21,990.00
2.	44	L.F.	12" Storm Lateral (Imp. Backfill)	55.00	2,420.00	25.00	1,100.00	45.00	1,980.00	37.00	1,628.00	30.80	1,355.20	35.00	1,540.00
3.	4	EA	Standard Storm Manhole	2,500.00	10,000.00	2,030.00	8,120.00	1,800.00	7,200.00	1,650.00	6,600.00	2,220.00	8,880.00	1,800.00	7,200.00
4.	3	EA	Recessed Curb Inlet	1,500.00	4,500.00	1,020.00	3,060.00	800.00	2,400.00	727.00	2,181.00	676.00	2,028.00	1,100.00	3,300.00
5.	33	L.F.	Remove Exist. 12" Storm Culvert	35.00	1,155.00	12.00	396.00	5.00	165.00	19.00	627.00	7.00	231.00	5.00	165.00
6.	733	L.F.	Trench Protection	7.00	5,131.00	1.00	733.00	1.00	733.00	2.20	1,612.60	0.90	659.70	1.00	733.00
7.	25	C.Y.	Trench Foundation (If Nec.)	25.00	625.00	27.00	675.00	20.00	500.00	25.00	625.00	25.50	637.50	10.00	250.00
8.	25	C.Y.	Rock Excavation (If Nec.)	100.00	2,500.00	80.00	2,000.00	60.00	1,500.00	50.00	1,250.00	66.30	1,657.50	15.00	375.00
9.	706	L.F.	Utility Trench Pavement Restoration	20.00	14,120.00	6.20	4,377.20	11.00	7,766.00	9.20	6,495.20	19.80	13,978.80	20.00	14,120.00
TOTAL STORM SEWER					80,766.00		36,550.55		42,768.00		43,741.80		50,025.00		49,673.00
EROSION CONTROL															
1.		L.S.	Erosion Control Measures		5,000.00		2,400.00		2,700.00		4,000.00		6,022.00		5,000.00
TOTAL EROSION CONTROL					5,000.00		2,400.00		2,700.00		4,000.00		6,022.00		5,000.00
MISCELLANEOUS CONSTRUCTION															
1.		L.S.	Remove Exist. Traffic Signs		250.00		1,055.00		220.00		750.00		189.00		2,000.00
2.		L.S.	Utility Markers to be Relocated		250.00		1,580.00		270.00		535.00		287.00		250.00
TOTAL MISCELLANEOUS CONST.					500.00		2,635.00		490.00		1,285.00		476.00		2,250.00
SIGNING AND STRIPING															
1.		L.S.	Perm. Striping And Pavement Marking		5,000.00		515.00		340.00		321.00		561.00		1,000.00
2.		L.S.	Permanent Sign Installation, Complete		1,000.00		1,030.00		1,360.00		750.00		685.00		1,500.00
TOTAL TRAFFIC SIGNAL					6,000.00		1,545.00		1,700.00		1,071.00		1,246.00		2,500.00
TOTAL PHASE 6 CONSTRUCTION					348,108.50		187,675.65		196,265.75		206,252.20		220,366.74		219,648.00
TOTAL CONSTRUCTION PHASE 3A, 3B, 4 & 6					2,011,841.20		1,187,782.30		1,189,880.95		1,190,653.90		1,224,138.22		1,299,363.00

**ENGINEERING DEPARTMENT**  
**STAFF REPORT & RECOMMENDATION**

**DATE:** April 2, 2001

**TO:** Honorable Mayor and City Councilors

**FROM:** John Michael  
Engineering Associate

**SUBJECT:** Recommendation for Award: Coffee Creek Correctional Facility  
Infrastructure – Phase 3A, 3b, 4 & 6 (Project No. 540-49130-5000-131)

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**SUMMARY**

The Coffee Creek Correctional Facility Infrastructure – Phase 3A, 3b, 4 & 6 Project would construct full street improvements along Clay Street and Cahalin Road, half-street improvements along Grahams Ferry Road from Clay Street to Cahalin Road, and full signalization for the Grahams Ferry Road and Day Road Intersection. At 1 p.m. on Tuesday, March 27, 2001, ten (10) formal bid proposals were received from qualified contractors in response to public advertisement. The bids were opened, inspected for completeness and thereafter read aloud. Staff desires to issue a Notice To Proceed by April 16, 2001, with all work to be completed by October 12, 2001.

**RECOMMENDATION**

Staff respectfully recommends that the City Council adopt Resolution No. 1702, approving the bid process, accepting the lowest responsible bid and awarding the contract to John L. Jersey & Son, Inc.

**DISCUSSION**

Ten (10) formal proposals were received. John L. Jersey & Son, Inc., submitted the low bid in the amount of \$997,221.00. Northwest Earthmovers, Inc., in the amount of \$1,035,551.70 submitted the second lowest bid. C&M Construction, Inc., in the amount of \$1,135,356.66 submitted the third lowest bid. Of the other seven (7) bids, six (6) were below \$1,210,000.00, the remaining bid was below \$1,300,000.00. The engineer's estimate was \$2,011,841.20.

The road improvement project will disrupt traffic along Clay Street, Cahalin Road, Grahams Ferry Road and Day Road for the duration of the construction period, April 2001 to October 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. In the case of one-way traffic, traffic will be diverted around the construction zone by alternating east/west or north/south 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 October 19, 2001 deadline, appropriate penalties will be in effect.

For the 2000/01 fiscal year, the City Council adopted an appropriation of \$916,340. Staff has proposed an appropriation of \$5,535,594 for the fiscal year of 2001/02 for a total appropriation of \$6,451,934 for prison-related street improvements, including this Coffee Creek Correctional Facility Infrastructure Phases 3a, 3b, 4 & 6 Project. Construction will be scheduled over multiple years to ensure that the budget is not exceeded in either fiscal year. This project is funded by the Department of Corrections through the Intergovernmental Agreement.

The bids were reviewed by McKay & Sposito, the design engineers, and John L. Jersey & Son, Inc., is recommended with a bid that has been found to be both responsive and responsible. Therefore, staff recommends that the Coffee Creek Correctional Facility Infrastructure – Phase 3A, 3b, 4 & 6, be awarded to John L. Jersey & Son, Inc. in the amount of \$997,221.00.