

TO: James L. App, City Manager
FROM: Doug Monn, Public Works Director
SUBJECT: Award Construction Contract to Improve Union Road, Riverglen to Kleck
DATE: June 20, 2006

NEEDS: For the City Council to consider awarding a contract to improve Union Road from Riverglen to Kleck to Union Asphalt Inc., and the soils engineering services contract to Earth Systems Pacific.

FACTS:

1. On May 18, 2004 the City Council authorized staff to engage the services of North Coast Engineering to prepare the construction documents to widen and improve Union Road from Riverglen to Kleck.
2. The plans were completed but construction of the improvements were deferred pending completion of the 13th Street Bridge
3. The bridge is scheduled to be completed late summer.
4. The bids for construction of this portion of Union Road were opened on May 25, 2006. Three bids were received as follows:

Union Asphalt	\$ 1,751,909.07
Granite Construction	\$ 1,824,872.00
John Madonna Construction	\$ 2,076,924.20

**ANALYSIS
AND**

CONCLUSION: The bid documents provided two methods of construction. The base bid allows the contractor to close Union Road between Riverglen and Kleck, with traffic being detoured through residential Streets. A bid alternate was also included which allows traffic to travel within the construction zone between Riverglen and Kleck while work is on-going.

The low bid submitted by Union Asphalt was reviewed and determined to be a responsive bid. The base bid amount is \$1,751,909.07 and would detour traffic through residential neighborhoods. Should the City Council wish to exercise the bid alternate to allow traffic to access Union Road during construction, it would add a cost of \$135,000 and 20 working days to the contract, making the construction duration 12 to 18 months depending on weather.

In order to expedite the construction duration, it is proposed that the Contractor be allowed to close Union Road between Riverglen and Kleck reducing construction time to 8 to 10 months, depending on weather, thereby shortening the construction time and reducing the cost to the City \$135,000.

POLICY

REFERENCE: Adopted Capital Improvement Program

FISCAL

IMPACT: The Council has appropriated \$1,550,000 to reconstruct Union Road. Of this appropriation, \$156,300 has been expended through 5/31/06 leaving a remaining budget appropriation of \$1,393,700.

Construction bids have been received and the City's Project Engineer now projects the total construction costs at \$2,136,900 as follows:

Base Bid	\$ 1,751,900
Construction Engineering	180,000
Soils Engineering	25,000
10%Contingency	<u>180,000</u>
 PROJECTED CONSTRUCTION COSTS	 <u>\$ 2,136,900</u>

Award of bid will require the Council to supplement the budget with an additional appropriation of \$743,200 (\$2,136,900 less \$1,393,700).

Additionally, the Council will need to transfer \$697,400 from the Traffic Mitigation Development Impact Fee Fund as there are insufficient Union Road/46 Specific Plan resources available to complete this project. This project qualifies for funding from the Traffic Mitigation Development Impact Fee Fund as it is on the approved AB 1600 project list.

Reconciliation of available Union/46 Specific Plan Fund resources for road improvements is provided as follows:

Cash on hand 4/30/06	\$ 3,420,900
Future build-out collections (104 units)	374,900
Less expended Union Road LTD	(156,300)
Balance remaining on Union Road	(1,393,700)
Supplement Union Road budget	(743,200)
Less allocated to Kleck/Prospect	(200,000)
Less allocated to 13th St. Bridge	<u>(2,000,000)</u>
 Shortfall	 \$ 697,400

OPTIONS:

- a. Adopt Resolution No. 06-xx to:
 - 1) approve a one-time supplemental budget appropriation of \$743,200 to Budget No. 225.910.5452.507 from the Union/46 Specific Plan Fees
 - 2) approve a transfer from the Traffic Mitigation Impact Fee Fund to the Union/46 Specific Plan Fund in the amount of \$697,400
 - 2) award a contract to Union Asphalt to widen and improve Union Road from Riverglen to Kleck in the amount of \$1,751,909.07
 - 3) authorize the closure of Union Road between Riverglen and Kleck for a period of 8 to 10 months (depending on weather) during construction
 - 4) authorize the City Manager to engage the services of Earth Systems Pacific to perform soils engineering services for a not-to-exceed fee of \$25,000.
- b. Amend, modify, or reject the above option.

Prepared by: Ditas Esperanza, P.E., Capital Projects Engineer
 Attachments (2)

- 1) Resolution
- 2) Bid Summary

RESOLUTION NO. 06-

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PASO ROBLES
APPROPRIATING ADDITIONAL FUNDS, AWARDING AND EXECUTING CONTRACTS
TO IMPROVE UNION ROAD (FROM RIVERGLEN TO KLECK), AND
AUTHORIZING CLOSURE OF UNION ROAD DURING CONSTRUCTION

WHEREAS, on May 18, 2004 City Council authorized staff to engage the services of North Coast Engineering to prepare construction documents to widen and improve Union Road from Riverglen to Kleck; and

WHEREAS, construction documents were prepared and bids advertised for the project; and

WHEREAS, at the bid opening on May 25, 2006, three bids were received ranging from a low base bid of \$1,751,909.07 to a high of \$2,076,924.20, with the low bid having been submitted by Union Asphalt, Inc.; and

WHEREAS, the bid documents provide for two methods of construction traffic control, one being closure of Union Road between Riverglen and Kleck; the other permitting controlled traffic on Union Road, which would add to the construction cost and the number of working days in the contract; and

WHEREAS, in order to expedite the construction duration, staff recommends closure of Union Road for eight to ten months (depending on weather); and

WHEREAS, in order to complete the project, a budget of \$2,136,900 is needed as follows:

Construction (base bid)	\$ 1,751,900.00
Construction Engineering.....	180,000.00
Soils Engineering.....	25,000.00
10% Contingency	180,000.00,

and

WHEREAS, award of the bid will require supplementing the budget with an additional appropriation of \$743,200; and

WHEREAS, the Council will need to transfer \$696,400 from Traffic Mitigation Development fees as there are insufficient funds in the Union/46 Specific Plan fees.

THEREFORE, BE IT RESOLVED AS FOLLOWS:

SECTION 1. The City Council of the City of El Paso de Robles does hereby authorize a transfer of Traffic Mitigation Development Impact Fee funds to the Union/46 Specific Plan:

From 213.000.5899.000	(\$ 697,400)
To 225.000.4899.000	\$ 697,400

SECTION 2. The City Council does hereby approve a one-time budget appropriation of \$743,200 to Budget No. 225.910.5452.507.

SECTION 3. The City Council does hereby award a construction contract to Union Asphalt, Inc. in the amount of \$1,715,909.07 for the Union Road Improvements project, and does hereby authorize the City Manager to enter into the construction contract.

SECTION 4. The City Council does hereby authorize the City Manager to engage the services of Earth Systems Pacific to perform soils engineering services for the project for a not-to-exceed fee of \$25,000.

SECTION 5. The City Council does hereby authorize closure of Union Road between Riverglen and Kleck for a period of eight to ten months (depending on weather) during construction.

PASSED AND ADOPTED by the City Council of the City of Paso Robles this 20th day of June 2006 by the following vote:

AYES:
NOES:
ABSTAIN:
ABSENT:

ATTEST:

Frank R. Mecham, Mayor

Deborah D. Robinson, Deputy City Clerk

**Union Road Improvements, Riverglen to Kleck
DPW Project No. 03-24**

			Union Asphalt Santa Maria, CA		Granite Construction Watsonville, CA		John Madonna Construction San Luis Obispo, CA	
DESCRIPTION	Est.	QTY UNIT	UNIT PRICE	EXT. PRICE	UNIT PRICE	EXT. PRICE	UNIT PRICE	EXT. PRICE
1*	Mobilization	1 LS	12236.05	12,236.05	35000.00	35,000.00	37500.00	37,500.00
2	Traffic Control	1 LS	47499.47	47,499.47	9650.00	9,650.00	49000.00	49,000.00
3	Reset Manhole Frame & Cover to Grade	13 EA	507.45	6,596.85	600.00	7,800.00	700.00	9,100.00
4	Reset Monument Well & Cover to Grade	16 EA	346.27	5,540.32	840.00	13,440.00	375.00	6,000.00
5	Reset Valve Box & Cover to Grade	13 EA	354.26	4,605.38	525.00	6,825.00	440.00	5,720.00
6	Reset Cleanout Box to Grade	1 EA	500.50	500.50	515.00	515.00	470.00	470.00
7	Relocate Fire Hydrant	2 EA	3773.66	7,547.32	2500.00	5,000.00	2700.00	5,400.00
8	Relocate Street Light	1 EA	1531.11	1,531.11	400.00	400.00	1500.00	1,500.00
9	Relocate Street Sign	1 EA	164.05	164.05	150.00	150.00	220.00	220.00
10	Reset Utility Vault to Grade	19 EA	109.36	2,077.84	675.00	12,825.00	440.00	8,360.00
11	Tree Protection	1 LS	8506.65	8,506.65	2000.00	2,000.00	4900.00	4,900.00
12	Earthwork	1 LS	205000.00	205,000.00	280000.00	280,000.00	339000.00	339,000.00
13	Erosion and Sedimentation Control	1 LS	5058.08	5,058.08	10000.00	10,000.00	12750.00	12,750.00
14	Aggregate Base	(F) 5,248 CY	42.81	224,666.88	30.00	157,440.00	47.00	246,656.00
15	Asphalt Concrete	3,308 TON	83.23	275,324.84	85.00	281,180.00	95.75	316,741.00
16	Drain Inlet (Std. E-8)	3 EA	4652.83	13,958.49	4500.00	13,500.00	5800.00	17,400.00
17	Drain Inlet (Caltrans Std. GT4)	2 EA	4625.54	9,251.08	4000.00	8,000.00	6100.00	12,200.00
18	Storm Drain Manhole	1 EA	4703.69	4,703.69	6300.00	6,300.00	5500.00	5,500.00
19	P.C.C. Retaining Wall	519 SF	53.23	27,626.37	85.00	44,115.00	72.00	37,368.00
20	Curb Thru Drain System	24 EA	455.91	10,941.84	400.00	9,600.00	402.00	9,648.00
21	Roadsign Sign	19 EA	284.35	5,402.65	210.00	3,990.00	225.00	4,275.00
22	18" Corrugated Polyethylene Pipe	410 LF	67.10	27,511.00	100.00	41,000.00	54.00	22,140.00
23	36" Corrugated Polyethylene Pipe	140 LF	126.40	17,696.00	150.00	21,000.00	128.00	17,920.00
24	48" Corrugated Polyethylene Pipe	50 LF	264.99	13,249.50	180.00	9,000.00	320.00	16,000.00
25	6" Curb & Gutter (Std. B-1)	3,865 LF	16.12	62,303.80	20.00	77,300.00	24.00	92,760.00
26	6" Curb Type 1 (Std. B-2)	4,098 LF	12.49	51,184.02	9.00	36,882.00	14.80	60,650.40
27	0" Curb Face Curb	3,482 LF	14.05	48,922.10	17.00	59,194.00	16.45	57,278.90
28	Multiuse Pathway	32,398 SF	4.60	149,030.80	6.00	194,388.00	5.15	166,849.70
29	Stamped Concrete	6,480 SF	10.12	65,577.60	9.00	58,320.00	10.70	69,336.00
30	Curb Return Ramp	3 EA	2066.13	6,198.39	2000.00	6,000.00	2800.00	8,400.00
31	Metal Beam Guard Rail (A77A)	200 LF	78.92	15,784.00	76.00	15,200.00	66.00	13,200.00
32	Terminal Syst End Treatmnt (Type SRT) (A77L)	1 EA	2922.57	2,922.57	3350.00	3,350.00	4000.00	4,000.00
33	Traff Striping, Pavemnt Marking & Markers	1 LS	8202.36	8,202.36	7500.00	7,500.00	8500.00	8,500.00
34	Street Light – Single	1 EA	3280.94	3,280.94	1700.00	1,700.00	1900.00	1,900.00
35	Street Light – Single (Extended Arm)	2 EA	3499.67	6,999.34	1800.00	3,600.00	2000.00	4,000.00
36	Street Light – Double	15 EA	3937.14	59,057.10	4100.00	61,500.00	4570.00	68,550.00
37	4" DIP Sleeve for Irrigation	1,100 LF	21.45	23,595.00	29.00	31,900.00	20.80	22,880.00
38	0" Curb face, 6" wide	2,508 LF	12.86	32,252.88	16.00	40,128.00	15.40	38,623.20
39	Stamped concrete at turn lane divider	4,360 SF	12.09	52,712.40	13.00	56,680.00	12.30	53,628.00
40	8" Sewer stub	1 LS	4689.81	4,689.81	4000.00	4,000.00	2600.00	2,600.00
41	Landscape and Irrigation per Plans	1 LS	222000.00	222,000.00	188500.00	188,500.00	218000.00	218,000.00
BASE BID TOTAL:				1,751,909.07		1,824,872.00		2,076,924.20

ADDITIVE BID #1 - TRAFFIC CONTROL (2 WAY)								
43	Traffic Control (2-Way)	1 LS	135000.00	135,000.00	190000.00	190,000.00	240000.00	240,000.00

GRAND TOTAL (BASE BID + ADDITIVE BID)				1,886,909.07		2,014,872.00		2,316,924.20
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* Unit Price for Mobilization shall not exceed 2% of the Base Bid (F) = Final Pay Quantity (Estimated Quantity is Final Pay Quantity)

EA = Each, LF = Lineal Foot, LS = Lump Sum, CY = Cubic Yard, SF = Square Foot