

W. T. e.

AGENDA COVER MEMO

DATE: June 2, 2004
TO: Lane County Board of Commissioners
FROM: Public Works, Engineering Administration
PRESENTED BY: Sonny P. A. Chickering, County Engineer
AGENDA ITEM TITLE: IN THE MATTER OF AWARDING A CONTRACT FOR GRADING AND PAVING ON STAGECOACH ROAD, MP 0.00 TO MP 0.70, PROSPECTIVE CONTRACT NO. 03/04 - 12.

I. MOTION

MOVE APPROVAL OF THE ORDER.

II. ISSUE OR PROBLEM

Should the Board award a contract for grading and paving on Stagecoach Road, MP 0.00 to 0.70, prospective Contract No. 03/04 - 12? If awarded, should the 60 day Road Closure option, or the Partial Road Closure option be approved?

III. DISCUSSION

A Background.

This project is intended to address a slide area within the project limits that is causing the outside edge of the roadway to fall away, presenting a hazardous situation for road users.

Through adoption of the FY 2003-04 through FY 2007-08 Capital Improvement Program (CIP), the Board has approved expenditure of road fund monies for this project in the amount of \$1,100,000. Bids were opened on May 21, 2004, and the apparent low bidder for both road closure options was Fisher Land Company, dba Oakridge Sand & Gravel, Inc:

60 Day Road Closure	\$ 1,748,995.00
Partial Road Closure	\$ 1,778,995.00

County procedures require Board approval for projects that receive apparent low bids higher than the CIP published amount. In addition, several issues have surfaced in relation to a 60-day road closure proposed by staff and included in the original bid package.

B. Analysis.

CIP Estimate versus Engineer's Estimate

The difference between the CIP authorized expenditure, and the Engineer's Estimate prepared just prior to bidding is related to two major factors associated with the proposed rock excavation.

1. The excavation quantity has increased from approximately 60,000 cubic yards to 72,550 cubic yards. This change is due to an extension of the project limits by approximately 1000 feet, and use of more accurate cross sections for computation of quantities.
2. The unit cost for excavation has been increased for the Engineer's Estimate. This is due to increased fuel costs for trucking of material and more refined information concerning the cost of work (blasting). The unit cost increased by approximately \$4.00 per cubic yard.

Public Process for Proposed 60-day Road Closure

Originally, bids were scheduled to be opened on April 30, 2004 with an anticipated cost difference between the CIP authorized construction amount and the Engineer's Estimate. Community concern over the proposed 60-day closure of Stagecoach Road, however, prompted staff to delay the bid opening and hold an Open House to hear local resident and emergency service provider concerns. The meeting was held at the Walton Fire Station on May 4, 2004. Approximately 25 people attended.

The primary community concerns were:

1. Neighbors had not yet been informed that a 60-day closure was proposed;
2. Extra time and cost for out-of-direction travel to and from Eugene;
3. Additional response time for emergency services;
4. Impact of a concurrent ODOT closure of Hwy. 36 near Triangle Lake;
5. Desire for notifications during the rock blasting activities;
6. Possible effect on mail delivery service.

Staff Responses to Community Concerns

1. A second public meeting was held on May 25, 2004 at the Walton Fire Station. Staff presented information regarding changes to the project specifications as a result of the first meeting, and shared the bidding results with those in attendance. A third meeting will be held, with the successful bidder in attendance, if the Board elects to award a contract for construction.

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MP 0.00 to MP 0.70
Contract No. 03/04 - 12

2. Staff issued an Addendum to the contract documents with changes to the specifications as summarized below:
 - a) A Bid Alternate has been added to determine the cost of keeping the road open for specified morning and evening hours. This will allow the Board to consider the added cost of construction associated with use of a Partial Road Closure.
 - b) The contract documents were amended to include an incentive and penalty of \$1,000/day based on public safety and convenience. The incentive amount earned is for every day of closure less than 60 days, up to a maximum of \$30,000. There is no limit provided for penalties accrued for every day of road closure in excess of 60 days.
 - c) Extended the project completion date to October 9th (previously September 6th) to allow more overall contract time. The additional time is warranted because the County has postponed the bid opening by three weeks.
 - d) Extended the bid opening date to May 21st to allow time for bidders to consider these changes.
 - e) Required the contractor to attend a public meeting with local residents to discuss the intended construction schedule and methods, and to provide contractor contact information.
3. Staff initiated coordination efforts with emergency service providers to resolve response time, and service coverage issues related to any prolonged road closure. Agencies involved include:
 - a) Lane County Rural Fire District No. 1 – Walton;
 - b) Lane County Rural Fire District No. 1 – Swisshome;
 - c) Oregon State Department of Forestry;
 - d) Lane County Sheriff Emergency Services.

The Lane County Sheriff's Emergency Services Unit has been engaged to coordinate and draft a short-term Emergency Management Plan for the project, regardless of which road closure option is authorized by the Board.

4. An additional road closure could impact residents of Stagecoach Rd. during the County's proposed project. ODOT is planning a slide repair for this summer near m.p. 24.8 of Highway 36, just west of Triangle Lake. Current ODOT specifications allow their contractor to close Hwy. 36 for a total of 21 consecutive days between August 5 and September 1, 2004. ODOT is not planning any "official detour" as part of their project.

Hwy 36 traffic originating west of Triangle Lake will have to travel west to Mapleton in order to reach Eugene or other destinations to the north.

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Stagecoach Rd. residents wanting to go to the northern Willamette Valley would be further inconvenienced by our concurrent road closure.

5. The project specifications already included specific requirements regarding pre-blast inspections and notifications.
6. Staff has coordinated provision of mail pickup at one of two alternate post office locations (Walton or Swisshome). Mail delivery directly to homes along Stagecoach Rd. will not be possible during the road closure period.

C. Alternatives/Options.

1. Award Contract for the 60 Day Road Closure Option

Award the contract for grading and paving on Stagecoach Road, MP 0.00 to 0.70, prospective Contract No. 03/04 - 12 to Fisher Land Company, dba Oakridge Sand & Gravel, Inc., in the amount of \$ 1,748,995.00. This amount does not include the Alternate Bid Item # 29 – Delete Road Closure and therefore allows the contractor to close the road as specified.

2. Award Contract for the Partial Road Closure Option

Award the contract for grading and paving on Stagecoach Road, MP 0.00 to 0.70, prospective Contract No. 03/04 - 12 to Fisher Land Company, dba Oakridge Sand & Gravel, Inc., in the amount of \$ 1,778,995.00. This amount includes acceptance of Alternate Bid Item # 29 – Delete Road Closure and therefore requires the contractor to keep the road open daily for the morning and evening hours specified.

3. Do not award contract. Postpone any capital improvement to summer of 2005.

- a) Direct staff to provide options for reducing the scope and associated cost of the project.
- b) Direct staff to re-evaluate previously considered and rejected repair options.

4. Do not award contract. Cancel the proposed capital project.

- a) Direct staff to perform minimal repairs sufficient to maintain a one-lane paved roadway using County road maintenance crews.
- b) Direct staff to prepare an analysis of potential impacts associated with a permanent road closure at this location.

D. Recommendation.

Option 4a.

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Both low bids are far in excess of the allocated CIP amount of \$ 1,100,000, and expenditure of \$1.75 million dollars in road funds is unwarranted for a road with only 100 vehicles per day. Local opposition to the capital project is strong, both from residents and the local emergency service providers. I recommend the project funds be withdrawn, and that County road maintenance crews perform minimal repairs sufficient to maintain a one-lane paved roadway.

IV. IMPLEMENTATION/FOLLOW-UP

Staff stands ready to implement the course of action directed by the Board.

ATTACHMENTS

Bid Recap
Board Order

IN THE BOARD OF COMMISSIONERS OF LANE COUNTY
STATE OF OREGON

ORDER NO.

(IN THE MATTER OF AWARDING A CONTRACT
(FOR GRADING AND PAVING ON STAGECOACH
(ROAD, MP 0.00 TO MP 0.70, PROSPECTIVE
(CONTRACT NO. 03/04 – 12.
(

WHEREAS, on May 21, 2004, Fred A. Willer, Design Engineer, Lane County Department of Public Works, under authority of Lane Manual, Chapter 21, opened bids for Grading And Paving On Stagecoach Road, MP 0.00 to MP 0.70, Prospective Contract No.03/04 - 12; and

WHEREAS, Fisher Land Company, dba Oakridge Sand & Gravel, Inc., submitted the low bid of \$ 1, 748,995.00 for completion of the work utilizing a 60 day road closure, and the low bid of \$ 1,778,995.00 for completion of the work utilizing a partial road closure; and

WHEREAS, both low bids are far in excess of the allocated CIP amount of \$ 1,100,000, and expenditure of \$1.75 million dollars in road funds is unwarranted for a road with only 100 vehicles per day; and

WHEREAS, local opposition to the capital project is strong, both from residents and the local emergency service providers; and

WHEREAS, the County Engineer and the Director of the Department of Public Works recommend that the contract not be awarded for the reasons stated above; **NOW THEREFORE BE IT**

ORDERED that the bid received from Fisher Land Company, dba Oakridge Sand & Gravel, Inc., for completion of the work utilizing a 60 day road closure, be declined as recommended; and it is further

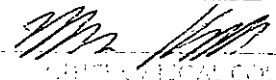
ORDERED that the bid received from Fisher Land Company, dba Oakridge Sand & Gravel, Inc., for completion of the work utilizing a partial road closure, be declined as recommended; and it is further

ORDERED that the capital project funds be withdrawn, and that County road maintenance crews perform minimal repairs sufficient to maintain a one-lane paved roadway.

DATED this _____ day of _____, 2004.

APPROVED AS TO FORM

Date 5-25-04 lane county



COUNTY CLERK

Chair,
Lane County Board of Commissioners

Lane County Department of Public Works

BID RECAP

Description: GRADING & PAVING

County Site: STAGECOACH ROAD (M.P. 0.00 TO M.P. 0.70)

Date of Opening: 10:00 AM

Contract: 03/04-12

Friday, May 21, 2004

Item No.	Item	Unit	Qty	#1 Fisher Land Company, dba Oakridge Sand & Gravel, Inc. PO Box 751 Oakridge OR 97463		#2 JAL Construction, Inc. PO Box 6369 Bend OR 97708		#3
				Unit Price	Amount	Unit Price	Amount	
1	Mobilization	Lump Sum	1	\$ 143,000.00	\$ 143,000.00	\$ 158,000.00	\$ 158,000.00	\$ -
2	Temporary Protection & Direction of Traffic	Lump Sum	1	\$ 3,500.00	\$ 3,500.00	\$ 2,000.00	\$ 2,000.00	\$ -
3	Temporary Signs	Sq. Ft.	250	\$ 20.00	\$ 5,000.00	\$ 9.00	\$ 2,250.00	\$ -
4	Temporary Barricades	Each	15	\$ 100.00	\$ 1,500.00	\$ 100.00	\$ 1,500.00	\$ -
5	Temporary Plastic Drums	Each	20	\$ 50.00	\$ 1,000.00	\$ 40.00	\$ 800.00	\$ -
6	Flaggers	Hour	400	\$ 30.00	\$ 12,000.00	\$ 32.00	\$ 12,800.00	\$ -
7	Erosion Control	Lump Sum	1	\$ 3,000.00	\$ 3,000.00	\$ 2,000.00	\$ 2,000.00	\$ -
8	Sediment Fence, Unsupported	Lin. Ft.	550	\$ 3.00	\$ 1,650.00	\$ 3.00	\$ 1,650.00	\$ -
9	Sand Bags	Each	100	\$ 6.00	\$ 600.00	\$ 2.50	\$ 250.00	\$ -
10	Removal of Structures & Obstructions	Lump Sum	1	\$ 2,500.00	\$ 2,500.00	\$ 3,000.00	\$ 3,000.00	\$ -
11	Clearing And Grubbing (3.0+/- Acres)	Lump Sum	1	\$ 16,000.00	\$ 16,000.00	\$ 17,000.00	\$ 17,000.00	\$ -
12	General Excavation	Cu. Yd.	72,550	\$ 15.00	\$ 1,088,250.00	\$ 15.00	\$ 1,088,250.00	\$ -
13	Controlled Blast Holes	Lin. Ft.	37,500	\$ 3.00	\$ 112,500.00	\$ 2.96	\$ 111,000.00	\$ -
14	Watering	M-Gal.	50	\$ 30.00	\$ 1,500.00	\$ 27.00	\$ 1,350.00	\$ -
15	Finishing Roadbeds	Lump Sum	1	\$ 14,500.00	\$ 14,500.00	\$ 24,300.00	\$ 24,300.00	\$ -
16	Rock Excavation	Cu. Yd.	120	\$ 25.00	\$ 3,000.00	\$ 30.00	\$ 3,600.00	\$ -
17	18-Inch Culvert Pipe, 5 Feet Depth	Lin. Ft.	317	\$ 50.00	\$ 15,850.00	\$ 51.00	\$ 16,167.00	\$ -
18	24-Inch Culvert Pipe, 5 Feet Depth	Lin. Ft.	58	\$ 60.00	\$ 3,480.00	\$ 78.00	\$ 4,524.00	\$ -
19	1 1/2"-0 Aggregate Base	Ton	8,120	\$ 12.50	\$ 101,500.00	\$ 11.32	\$ 91,918.40	\$ -
20	3/4"-0 Aggregate Base	Ton	1,650	\$ 12.50	\$ 20,625.00	\$ 11.32	\$ 18,678.00	\$ -
21	Level 3, 3/4" Dense HMA	Ton	2,600	\$ 33.55	\$ 87,230.00	\$ 33.55	\$ 87,230.00	\$ -
22	Extra For Asphalt Approaches	Each	3	\$ 200.00	\$ 600.00	\$ 200.00	\$ 600.00	\$ -
23	Guardrail, Type 2A	Lin. Ft.	3,425	\$ 30.00	\$ 102,750.00	\$ 33.50	\$ 114,737.50	\$ -
24	Guardrail Terminals, Flared	Each	1	\$ 2,500.00	\$ 2,500.00	\$ 2,400.00	\$ 2,400.00	\$ -
25	Guardrail Terminals, Non-Flared	Each	1	\$ 2,500.00	\$ 2,500.00	\$ 2,700.00	\$ 2,700.00	\$ -

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Prepared By: SC

Checked By: FW

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				Unit Price	Amount	Unit Price	Amount
26	Bi-Directional Yellow Type I Markers	Each	90	\$ 12.00	\$ 1,080.00	\$ 12.00	\$ 1,080.00
27	Fertilizing	lb	195	\$ 4.00	\$ 780.00	\$ 0.80	\$ 156.00
28	Permanent Seeding	lb	50	\$ 12.00	\$ 600.00	\$ 29.00	\$ 1,450.00
Total Amount of Bid:				\$	1,748,995.00	\$	1,771,390.90

Engineer's Estimate:

\$ 1,550,000.00

* Indicates a discrepancy between contractor's submitted totals and totals calculated from unit costs submitted.

Lane County Department of Public Works

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Prepared By: SC

Checked By: FW

Lane County Department of Public Works

BID RECAP

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28	Permanent Seeding	lb	50	\$ 12.00	\$ 600.00	\$ 29.00	\$ 1,450.00	\$ -	\$ -
29	Delete Road Closure	Lump Sum	1	\$ 30,000.00	\$ 30,000.00	\$ 450,000.00	\$ 450,000.00	\$ -	\$ -
Total Amount of Bid:				\$	1,778,995.00	\$	2,221,390.90	\$	-

Engineer's Estimate: \$ 1,750,000.00

* Indicates a discrepancy between contractor's submitted totals and totals calculated from unit costs submitted.