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June 26, 2007
Board of Supervisors

**Subject: DOT 7/03/07 Award of Construction Contract for Mother Lode Drive
Two-Way Left-Turn Lane Project #73130**

Transportation Department recommending the following pertaining to the Mother Lode
Two-Way Left-Turn Lane Project #73130:

1. Award the Construction Contract to the lowest responsible, responsive bidder Sierra Nevada Construction, Inc. in the amount of \$1,277,007.00;
2. Authorize the Chairman to sign the Contract with Sierra Nevada Construction, Inc. subject to review and approval of final contract documents by County Counsel and Risk Management;
3. Authorize the Director of Transportation to sign a Contract Change Order in the total amount of \$45,000.00 for the supplemental work item for water pollution control.
4. Authorize the Chairman to sign a Contract Change Order in the total amount of \$110,000.00 for the supplemental work item for dust control.

Funding: This project will be funded primarily from the 2004 General Plan Traffic Impact Mitigation (TIM) Fee program (West Slope component) at an estimated amount of \$1,935,000 and a Regional Surface Transportation Program (RSTP) grant through the El Dorado County Transportation Commission in the amount of \$160,000.

Budgeted	\$2,095,000.00
New Funding	
Savings	
Other	
Total Funding Available	\$2,095,000.00
Change to Net County Cost	\$0.00

Fiscal Impact/Change to Net County Cost:

The cost associated with the construction phase of this project is estimated at \$2,095,000, which includes a construction contract estimated amount of \$1,277,007, supplemental items at \$200,000, County furnished materials at \$21,000, construction management, inspection, materials testing and survey at \$400,000 and a contingency of \$195,000. There is no cost to the County General fund.

Reason for Recommendation:

On May 22, 2007, your Board approved the Plans and Specifications and authorized the advertisement for construction bids for the Mother Lode Drive Two-Way Left-Turn Lane Project.

The project is an operational and safety project to construct a center two-way left-turn lane on Mother Lode Drive in Shingle Springs and a traffic signal at the Mother Lode Drive at French Creek Road intersection. The project is included in the Department's Proposed Five-Year Capital Improvement Program. This section of Mother Lode Drive, from South Shingle to North Star Road, carries a high volume of commuter and local business traffic with heavy turning movements, resulting in a higher than average traffic accident rate.

Contract Change Order for Supplemental Items:

The contract documents include a specification that stipulates the County is responsible for the cost of labor for water pollution control and dust control. The purpose of this specification is to recognize the variable nature of these items and to provide these measures at a necessary but reasonable level. These items are authorized by issuance of a change order for each item which sets aside funds anticipated to be necessary for each item, but payment is made for only work directed by the County and is paid on a time and material basis in conformance with procedures included in the contract documents.

Public Contract Code Section 20142 allows a Board of Supervisors to authorize the County Engineer or other county officer to order change orders in the work of a public contract. The amount authorized is based on the amount of the contract and is capped at \$150,000. The Board of Supervisors, by Resolution 106-93, has utilized this provision and delegated to the Directors of Transportation Environmental Management and General Services, and the Chief Administrative Officer, change order authority also dependent on the value of the contract, but not to exceed \$50,000.

The estimated amount of supplemental work for water pollution control of \$45,000, exceeds the Director's authority of \$37,770 granted by County Resolution 106-93 but is less than the Public Contract Code Section 20142 limit of \$76,350. Board approval is requested to authorize the Director the authority to issue this change order for water pollution control in the amount of \$45,000.

The supplemental item for dust control, due to the presence of Naturally-Occurring Asbestos (NOA), is estimated to be \$110,000 and exceeds the limit of \$76,350 as allowed by the Public Contract Code 20142. Board approval is therefore requested for this change order for supplemental work for dust control.

On June 25th the Department received seven (7) bid proposals for this project. The bids are as follows:

- | | |
|---|----------------|
| • Sierra Nevada Construction, Inc. | \$1,277,007.00 |
| • Western Engineering Contractors, Inc. | \$1,282,451.75 |
| • Doug Veerkamp General Engineering, Inc. | \$1,376,719.70 |
| • Teichert Construction | \$1,499,165.50 |
| • Granite Construction | \$1,520,052.95 |
| • Lorang Brothers Constructioin, Inc. | \$1,760,569.75 |
| • Beebe Corporation | \$1,812,646.60 |

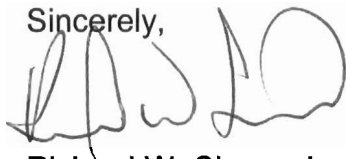
The Engineer's Estimate for the bid work was \$1,950,000. The reason for the disparity between the Engineer's Estimate and the received bids was primarily due to lower than expected prices for asphalt concrete, aggregate base, roadway excavation and traffic control.

Staff has reviewed the bid proposal and finds Sierra Nevada Construction, Inc.'s proposal to be both responsive and responsible. Given that finding, and their low bid, the Department recommends the contract be awarded to Sierra Nevada Construction, Inc., 2055 East Gregg Street, Sparks, NV 89431.

Action to be taken following Board approval:

1. The Department will forward the construction contract to Sierra Nevada Construction, Inc. for their signature.
2. The Department will return the signed construction contract, together with the required bonds, insurance, County Counsel and Risk approval, to the Clerk of the Board for the Board Chairman's signature of the contract.
3. Upon receipt of the fully executed construction contract, the Department will issue a Notice to Proceed.
4. The Department will prepare the Change Order for the supplemental item for dust control and provide it to the Chairman for signature.

Sincerely,

A handwritten signature in dark ink, appearing to read 'R. W. Shepard', written over a light gray circular stamp.

Richard W. Shepard
Director of Transportation