

## Staff Report

April 15, 2004

**TO:** City Council

**FROM:** Pat Fitzsimmons, City Engineer  
Nancy McKee, Associate Civil Engineer

**SUBJECT:** Plans, Specifications and Estimate Approval for 2005 Road Rehabilitation,  
Program No. 7252 [(STPL 5238(039))]

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### **Recommendation**

Approve the plans and specifications for this project and authorize bid advertisement.

### **Fiscal Impact**

The estimated construction contract of \$1,011,000 and this amount is currently funded in the approved budget. This dollar amount represents two budget years: it is funding the contract maintenance work planned for FY 04/05 as well as this year's effort. Last years budget was carried over to this year.

The amount of Federal and State funding is \$890,000 or 88% of the contract amount. And, \$600,000 is State Transportation Improvement Plan funds and is one-time money. It is available for our street rehabilitation program due to some very peculiar circumstances. Federal and State funding can only be expended on major/minor arterial or collector streets. It cannot be spent on local streets where a significant need exists.

### **Background and Analysis**

All of the streets listed on the attached 2005 Road Rehabilitation Street List are major streets and are eligible for federal funds, except the alley paving (bid alternate 1). Davis Ace Hardware owner Jennifer Anderson has offered to contribute partial payment for the alley paving. After receiving bids, the City will be better able to assess if the City will participate in the cost of the alley paving and do the work.

In addition, the City will be utilizing Asphalt Rubber hot mix for the paving for Arlington Boulevard in an effort to take advantage of the durability and noise-attenuation properties of asphalt rubber.

The current city-wide Pavement Condition Index is 72. This is based on a scale of 1-100, 100 being a newly paved street. The individual PCI's for the street segments in this year's contract are shown on the attached Street List. In 1998, the city implemented a plan for increasing the street maintenance expenditure from \$400,000 to \$800,000 (a combination of local and grant funding) per year in order to prevent degradation of city streets. This plan has been successful in maintaining the condition of city streets at a Pavement Index of approximately 71-77 over the last 7 years, however, lack of future Federal funding may compromise this goal.

A full set of the plans and specifications will be available at the meeting for Council's review.

pf/nm/mb

Attachments: Street List  
Contract Book (portion)

2005 Road Rehabilitation Street List

1.5" overlay

| <b>Street Name</b>        | <b>From</b>         | <b>To</b>                      |
|---------------------------|---------------------|--------------------------------|
| ANDERSON ROAD             | Villanova Drive     | Radcliffe Drive                |
| ARLINGTON BOULEVARD       | Lake Boulevard      | Shasta Drive                   |
| ARLINGTON BOULEVARD       | Russell Boulevard   | Calaveras Avenue               |
| COVELL BLVD               | F Street            | J Street                       |
| COVELL BLVD Eastbound     | Lake Boulevard      | Denali Drive                   |
| COVELL BLVD               | John Jones Road     | SR 113                         |
| F STREET                  | 11th Street         | Covell Boulevard               |
| F STREET                  | Covell Boulevard    | Bueno Drive                    |
| LAKE BOULEVARD            | Arlington Boulevard | 1000' South of Arlington       |
| LAKE BOULEVARD Southbound | Salem Avenue        | Marina Circle                  |
| SYCAMORE LANE             | Marketplace Center  | Quail Street                   |
| J STREET                  | Covell Boulevard    | 100' South of Covell Boulevard |
|                           |                     |                                |
| ALLEY between 3rd and 4th | G Street            | RR tracks                      |

**CITY OF DAVIS  
YOLO COUNTY, CALIFORNIA**

**PUBLIC WORKS DEPARTMENT**

PATRICK D. FITZSIMMONS, City Engineer  
(Mail and Office) 1717 Fifth Street  
Davis, California 95616-3945

Tel.: (530) 757-5686  
Fax: (530) 758-4738

# CONTRACT BOOK

**PROJECT:**

**2005 Road Rehabilitation  
Program No. 7252  
[STPL 5238(039)]**

*Project Engineer: Nancy McKee*

**BIDS OPEN:      May 26, 2005      2:00 p.m.**

Deliver Bids To:      City Offices - City Clerk's Office  
                                 23 Russell Boulevard  
                                 Davis, CA 95616-3896

**\*NOTE\*** If you choose to mail your Bid Proposal, both the outside and inside envelope **MUST** be clearly marked as **[SEALED BID FOR: 2005 Road Rehabilitation, Program No. 7252**

**[STPL 5238(039)]**

**DELIVER IMMEDIATELY TO CITY CLERK'S OFFICE]**

## Notice Inviting Bids

1. **Notice Is Hereby Given** that sealed bids (Proposals) will be received by the City Clerk of the City of Davis for the following **Project**:

### **2005 Road Rehabilitation, Program No. 7252 [STPL 5238(039)]**

2. **Requesting Specifications:**                      **\$25 Non-Refundable**

**By Mail** or **In Person:**                      City of Davis, Public Works Department  
1717 Fifth Street  
Davis, CA 95616-3945

**By Phone:**                      530-757-5686

3. **Description Of The Work:** The work shall include asphalt concrete and asphalt rubber hot mix overlays, patching, placement of geotextile fabric, pavement grinding, utility adjustments, tree trimming, and striping/pavement markers on various City streets. All work shall be performed in accordance with the City of Davis' Standard Specifications January 1996 Edition, including the July 1996 and May 1998 Addenda, General Prevailing Wage Rates, Labor Surcharge, and Equipment Rental Rates, and the Contract Documents
4. **Engineer's Estimate:**    **\$1,011,000**                      **Project Engineer:** Nancy McKee
5. **Contractor's License Classification:**    In accordance with the Provisions of California Public Contract Code Section 3300, the City of Davis has determined that the Contractor shall possess a valid **Class [A] General Engineering Contractor's License** or a **Class [C-12] Earthwork and Paving Contractor's License** at the time that the contract is awarded. Failure to possess the specified license shall render the bid as non-responsive and shall act as a bar to award of the contract to any bidder not possessing said license at the time of award.
6. **Bid Bond:** Each Bid must be accompanied by a Certified or Cashier's Check or Bidder's Bond payable to the City of Davis, in an amount not less than 10 percent of the Bid, as a guarantee that the bidder will enter into a contract if awarded the work. **The Bid Bond submitted shall be provided by a surety duly authorized by the Insurance Commissioner to transact surety business in the State of California.**
7. **DBE Goal:** This project contains a 10 *percent* combined DBE subcontractor/supplier goal.
8. **Buy America:** This project is subject to the "Buy America" provisions of the Surface Transportation Assistance Act of 1982 as amended by the Intermodal Surface Transportation Efficiency Act of 1991.

**Deliver Bids To:** CITY OFFICES - CITY CLERK'S OFFICE

23 Russell Boulevard, Davis, CA 95616-3896

(Building is located on the corner of Russell Boulevard & B Street)

**\*Note\*** If you choose to mail your Bid Proposal via any of the overnight/express services, the outside envelope **MUST** be clearly marked as **[SEALED BID FOR:**

**2005 Road Rehabilitation, Program No. 7252 [STPL 5238(039)]**  
**DELIVER IMMEDIATELY TO CITY CLERK'S OFFICE]**

**Date And Time:**                      May 26, 2005 2:00 p.m.

# PROPOSAL

## 2005 Road Rehabilitation Program No. 7252 [STPL 5238(039)]

| <b>Bid Items</b>  |   |              |                           |                   |              |
|-------------------|---|--------------|---------------------------|-------------------|--------------|
| <b>Item</b>       | <b>Description</b>                                | <b>Units</b> | <b>Estimated Quantity</b> | <b>Item Price</b> | <b>Total</b> |
| 1.                | Asphalt Concrete Type A, 1/2" Max.                | TON          | 6,247                     | \$                | \$           |
| 2.                | Asphalt Rubber Hot Mix- Gap Graded (ARHM-GG)      | TON          | 1,872                     | \$                | \$           |
| 2.                | Tree Trimming                                     | L.S.         |                           |                   | \$           |
| 4.                | Edge Planing                                      | L.F.         | 35,643                    | \$                | \$           |
| 5.                | Pavement Reinforcing Fabric                       | S.Y.         | 73,192                    | \$                | \$           |
| 6.                | Adjust Maintenance Holes                          | EA.          | 58                        | \$                | \$           |
| 7.                | Adjust Monuments, Water Valves & Cleanouts        | EA.          | 168                       | \$                | \$           |
| 8.                | Detail 2 – 4" Yellow Skip                         | L.F.         | 1,701                     | \$                | \$           |
| 9.                | Detail 27B, 4" White Solid                        | L.F.         | 240                       | \$                | \$           |
| 10.               | Detail 8 – 4" White Skip                          | L.F.         | 5,658                     | \$                | \$           |
| 11.               | Detail 22 – Double Yellow                         | L.F.         | 6,290                     | \$                | \$           |
| 12.               | Detail 32 – Two-Way Left Turn                     | L.F.         | 10,878                    | \$                | \$           |
| 13.               | Detail 39/39A – 6" Skip/Solid White               | L.F.         | 25,214                    | \$                | \$           |
| 14.               | Detail 38/38A – 8" Solid White                    | L.F.         | 3,043                     | \$                | \$           |
| 15.               | 12" Solid White Stripe                            | L.F.         | 4,012                     | \$                | \$           |
| 16.               | 12" Solid Yellow Stripe                           | L.F.         | 2,416                     | \$                | \$           |
| 17.               | Reflective Pavement Markers – Hydrant/Median Edge | EA.          | 196                       | \$                | \$           |
| 18.               | Legends   | EA.          | 118                       | \$                | \$           |
| 19.               | Patching –3" Depth                                | S.F.         | 6,936                     | \$                | \$           |
| 20.               | Patching – 6" Depth                               | S.F.         | 9,131                     | \$                | \$           |
| ALT 1             | Davis Lumber Alley Paving                         | L.S.         |                           |                   | \$           |
| <b>Total Bid:</b> |   |              |                           |                   | <b>\$</b>    |