TO: Mayor and City Council

FROM: Public Works Department

SUBJECT: RESOLUTION: AWARDING CONSTRUCTION CONTRACT TO TEICHERT CONSTRUCTION FOR THE IRON CANYON CIRCLE AND SHARPS LANE VILLAS TRAFFIC CALMING PROJECTS

RECOMMENDATION

It is recommended that a resolution be adopted approving plans and specifications and awarding a construction contract to Teichert Construction in the amount of $121,400 for the Iron Canyon Circle Traffic Calming Project (No. 05-15) and the Sharps Lane Villas Traffic Calming Project (No. 05-16).

Summary

The Iron Canyon Circle and Sharps Lane Villas Neighborhood Traffic Management Program (NTMP) areas are the first areas to have their traffic calming projects go through the bid phase of the NTMP process. Public Works staff is recommending the approval of a resolution to award a contract to Teichert Construction to construct both projects.

DISCUSSION

Background

Due to the many citizen concerns regarding traffic issues such as speeding and cut-thru traffic on neighborhood streets, Council adopted revised Standard Plans and Specifications in November 2003 that included Traffic Calming Guidelines, the basis for the City’s Neighborhood Traffic Management Program (NTMP).

Through the application process specified in the Traffic Calming Guidelines, neighborhoods were initially ranked on the waiting list to participate in the program through a lottery process. Following the lottery, additional neighborhoods are placed on the list in the order received. The goal is to select the highest ranking neighborhood in each of four geographical areas to participate in the program each year. The Calaveras River divides the north and south areas, and Lower Sacramento Road, Pacific Avenue, Harding Way, and El Dorado Street divide the east and west areas.

Once a neighborhood is selected, the Traffic Calming Committee, which is formed from neighborhood volunteers, considers traffic survey results and traffic data collected on area streets in developing a proposed traffic calming plan. Area residents then participate in an advisory ballot process to determine if there is support for the proposed...
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participate in an advisory ballot process to determine if there is support for the proposed plan. For a plan to move forward to the design phase, 25% of the ballots must be returned with a simple majority in favor. During the design phase, plans, specifications, and estimates for construction are prepared. The City then advertises for bids. $25,000 is budgeted annually for each of the four selected areas to fund construction of the traffic calming plan.

In April 2004, the four neighborhoods selected to participate in the program were Sharps Lane Villas, Normandy Village, West of Center, and Golf Course Terrace. A fifth neighborhood, Iron Canyon Circle, was authorized by Council in November 2003 to also participate in the program in 2004. The four 2005 areas selected were Weston Ranch Crown Peak, Pacific Oaks, Highland Park, and Colonial Estates North. There are 19 additional neighborhoods on the waiting list.

The Normandy Village, West of Center, and Golf Course Terrace areas are currently in the project design phase of the NTMP process. Weston Ranch Crown Peak and Pacific Oaks areas are currently participating in the advisory ballot process, and Highland Park and Colonial Estates North are working on developing their traffic calming plans.

The Iron Canyon Circle and Sharps Lane Villas areas are the first areas to go through the construction bidding phase. The Iron Canyon Circle traffic calming plan consists of chicanes (combination of bulbouts and median islands) at three locations and a high visibility crosswalk with a split pedestrian island at a fourth location, all along Iron Canyon Circle, south segment. Residents selected a cobble fill option for median islands and bulbouts. The Sharps Lane Villas plan consists of a chicane on Carpenter Road in front of Nightingale Elementary School, two median islands on Carpenter Road at Bellevue Avenue, and two high visibility crosswalks with median islands on Ralph Avenue at Bellevue Avenue. Residents from the Sharps Lane Villas area selected a stamped concrete fill option for median islands and bulbouts. During design, staff added a stamped concrete fill option for the Iron Canyon Circle area as a possible cost savings measure. Both traffic calming plans received strong neighborhood support. Iron Canyon Circle had a return rate of 30% with 86% in favor, and Sharps Lane Villas had a ballot return rate of 27%, with 96% in favor.

Contract amendments in the amount of $11,997.72 for Iron Canyon Circle and $13,999.21 for Sharps Lane Villas were executed with Fehr and Peers Transportation Consultants (Fehr & Peers) to prepare plans, specification, and estimates for construction.

Following construction, staff will monitor the areas for a period of three to six months. During this time, new traffic data will be collected, and a second traffic survey will be sent to area residents to determine if the traffic calming projects were successful in meeting each area’s traffic calming goals. A final report will then be issued.
For the Iron Canyon Circle and Sharps Lane Villas areas to progress from kick-off to construction took 24 months. Through the experiences gained in working with these and the other 2004 areas, staff was able to expedite the NTMP process for the 2005 areas. Two of the areas are on schedule to reach the construction phase within 14 months, and the other two areas within 16 months.

Present Situation

The Iron Canyon Circle Traffic Calming Project and the Sharps Lane Villas Traffic Calming Project were advertised on March 9, 2006, with the Iron Canyon Circle project having a cobble fill option (Schedule A) or a stamped concrete fill option (Schedule B) and the Sharps Lane Villas project having a stamped concrete fill option only (Schedule C). On Thursday, April 6, 2006, bids were received with the following results:

<table>
<thead>
<tr>
<th></th>
<th>Schedule A</th>
<th>Schedule B</th>
<th>Schedule C</th>
</tr>
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<tbody>
<tr>
<td>Teichert Construction</td>
<td>$60,580.00</td>
<td>$60,060.00</td>
<td>$60,820.00</td>
</tr>
<tr>
<td>Cal Pacific Curb</td>
<td>$93,485.50</td>
<td>$79,529.75</td>
<td>$51,246.85</td>
</tr>
<tr>
<td>Consultant Engineer's Estimate</td>
<td>$54,867.65</td>
<td>$50,053.75</td>
<td>$36,636.24</td>
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</table>

Staff contacted both bidders and Fehr & Peers to determine why the bids were higher than the consultant engineer's estimate. Fehr & Peers noted that their estimate was conservative. Both Teichert Construction and Cal Pacific Curb cited rising costs of materials and fuel. In addition, Cal Pacific Curb noted they normally bid as a subcontractor, and were new to bidding as a prime contractor.

The bid of Teichert Construction, low bidder, was regular in all respects, and they have the proper license for this work. Staff recommends awarding Schedule A, Iron Canyon Circle project (cobble option), and Schedule C, Sharps Lane Villas project, for a total amount of $121,400.

FINANCIAL SUMMARY

As of April 17, 2006, there was an unencumbered balance of $520,000 in Account No. 080-6653-640, Traffic Calming, which is sufficient funding to award the contract.
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PREPARED BY: Susan Gregory, Project Manager

Respectfully Submitted,

GARY TSUTSUMI
CITY TRAFFIC ENGINEER

Attachment

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APPROVED:

J. GORDON PALMER, JR.
CITY MANAGER
Sharps Lane Villas Traffic Calming Project
Resolution No. __________

STOCKTON CITY COUNCIL

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RESOLUTION AWARDING A CONSTRUCTION CONTRACT TO TEICHERT
CONSTRUCTION, INC., IN THE AMOUNT OF $121,400 FOR THE CONSTRUCTION OF
IRON CANYON CIRCLE AND SHARPS LANE VILLAS TRAFFIC CALMING, PROJECT
NOS. 05-15 & 05-16

WHEREAS, the City Clerk of the City of Stockton did, on April 6, 2006, open, examine
and publicly declare the sealed proposals or bids offered for the construction of the IRON
CANYON CIRCLE AND SHARPS LANE VILLAS TRAFFIC CALMING PROJECTS, PROJECT
NOS. 05-15 AND 05-16; now, therefore,

BE IT RESOLVED BY THE COUNCIL OF THE CITY OF STOCKTON, AS FOLLOWS:

1. The plans and/or specifications and all letters of clarification, contained in the bid
for the construction of the IRON CANYON CIRCLE AND SHARPS LANE VILLAS TRAFFIC
CALMING PROJECTS, PROJECT NOS. 05-15 AND 05-16, are incorporated herein by
reference and are hereby approved and adopted.

2. All of said bids except that next herein mentioned are hereby rejected.

3. Said work is hereby authorized and the contract awarded to the lowest and best
regular responsible bidder, to wit: TEICHERT CONSTRUCTION a corporation, at the price of
$121,400.

4. The City Manager of the City of Stockton is hereby authorized and directed to
execute a contract on behalf of the City of Stockton with said TEICHERT CONSTRUCTION, a
corporation, in accordance with the plans and/or specifications and all letters of clarification, for
such work hereinabove adopted by the City Council.

5. The City Clerk is hereby authorized to return to each of the unsuccessful bidders,
the bidder's bonds, certified checks and cashier's checks which accompanied their respective
bids for the above-mentioned work.

PASSED, APPROVED and ADOPTED ____________________________.

ATTEST:

EDWARD J. CHAVEZ, Mayor
of the City of Stockton

KATHERINE GONG MEISSNER
City Clerk of the City of Stockton

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