



City of Woodland

REPORT TO MAYOR AND CITY COUNCIL

AGENDA ITEM

TO: THE HONORABLE MAYOR
AND CITY COUNCIL

DATE: July 7, 2009

SUBJECT: Final Acceptance and Notice of Completion for 2009 Road Project
(Lincoln Ave), Project No. 07-44

Report in Brief

On June 25, 2008, the City executed a construction contract with Teichert Construction, Inc. in the amount of \$2,801,557.56 to construct utility improvements, overlay and surface treatments for the 2009 Road Project (Lincoln Avenue). There have been 21 change orders issued in the amount of \$671,109. The final construction contract amount is \$3,472,666.79. The work has been performed in accordance with the plans and specifications and is now ready for acceptance by the City Council.

Staff recommends that the City Council accept as complete the contract with Teichert Construction, Inc. for their work constructing utility improvements along Lincoln Avenue and authorize the City Clerk to file a notice of completion.

Background

This project rehabilitated Lincoln Avenue from Sixth Street to County Road 98 (about 2.0 miles), including side streets between Main Street and Lincoln Avenue from Sixth Street to West Street (about 1.3 miles). Pavement Rehabilitation on Lincoln and from Sixth to California and College involved, grinding out existing pavement, repairing base failures and placing new asphalt concrete overlay after completion of all utility rehabilitation work. The streets between Main and Lincoln (except College) and Lincoln west of California received a thin surface treatment such as Fabric Cape Sealing or Micro Surfacing. Work also included replacing about 4,000 feet of damaged sidewalk, curb and gutter, including driveway replacements, installing 28 ADA accessible ramps at corners and retrofitting 33 ramps.

Utility rehabilitation work was performed on Lincoln from Sixth to California (about 1.2 miles). The work included rehabilitating 13 sewer manholes, replacing 900 feet of sewer main, replacing 67 water valves, installing 600 feet of new water main (to close a gap in the City 'grid' system), and replacing 6 fire hydrants. This work also included replacing 87 sanitary sewer services, replacing 92 water services and installing 83 water meters and abandoning the old 2" & 3" water mains that were

along the back of sidewalk. The contractor also performed emergency repair work on the water main in Grant Avenue including pavement repair.

Discussion

The contractor began work in July of 2008, and was substantially complete on May 15, 2009 after a winter suspension due to inclement weather. The work was completed within the working days allowed in the contract. This project was particularly challenging mostly due to unknown underground improvements as well as abandoned utilities. It appears that there are 2 or 3 systems worth of abandoned utilities, whether for water or gas, none of which is mapped. Please refer to the following table for a summary of change orders associated with this project.

During the course of the work, an adjacent water line on Grand Ave ruptured in several locations, Teichert performed the required repair work, including the resurfacing of 150 feet of asphalt pavement that was damaged, \$100,000 of additional water enterprise funds were added to the project to cover a portion of the work, the remaining amount was paid for by Measure E. In addition damage was done to the existing pavement on Grand Avenue, causing several hundred feet to require re-compaction and resurfacing.

Description	Amount	Comment
Final Pay quantities	\$55,982	The standard form of contract pays for actual quantities based on field measurements.
Replacement of Sewer Wyes on Sewer Mains	\$136,950	Not included in the bid documents; needed to insure system integrity.
Unknown Underground Utilities	\$60,976	Time and material costs for dealing with changed conditions due to unknown underground obstacles.
Replace 280 LF Sewer Main	\$26,117	Sewer main was in need of replacement and was too close to existing water main; most of cost paid under bid items.
Replace Water Main Joints	\$15,995	Replacement of old lead packed joints (susceptible to leakage after road work).
Grand Avenue Water Main	\$149,297	Repair of damaged water main under emergency conditions; repair and repaving of damaged roadway.
Additional Road Reconstruction	\$159,513	Apply leveling course of AC (due to unevenness from prior road rehab) and reconstruct 2 intersections to flatten slopes (ADA requirement).

Description	Amount	Comment
5 th Street repair	\$24,655	Rehabilitation of 5 th Street beyond the limits of contractor's responsibility (for damage caused by contractor operations).
Winter Suspension	\$18,450	It was too late in the year to perform the surface seal operations; paid for contractor's administrative costs to delay work until Spring 2009.
Repair of 2008 Road Maintenance Work	\$23,174	Contract with Bond Blacktop was terminated for convenience; this contractor performed repairs of deficient areas (paid with CIP 07-42 funds).
Change Order Total:	\$671,109	

Fiscal Impact

In 2006, voters approved the Measure E ½ cent sales tax along with advisory measures to ascertain voter preferences for use of those proceeds. Under the advisory measure, road maintenance received a very high voter response for securing 45% of Measure E tax proceeds to address city-wide road repair requirements.

There is no impact to the General Fund. Most of the funding for this project has been approved in the FY 06/07 & 07/08 Capital Budgets. Project funding is summarized as follows:

Fund Description	Amount
Measure E	\$720,000
Prop. 1B Infrastructure Bond	\$869,518
Road Development	\$625,000
Water Enterprise	\$952,477
Sewer Enterprise	\$722,477
Total:	\$3,889,472

Public Contact

Posting of the City Council agenda.

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Recommendation for Action

Staff recommends that the City Council accept as complete the contract with Teichert Construction, Inc. for their work constructing utility improvements along Lincoln Ave. and authorize the City Clerk to file a notice of completion.

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