



## STAFF REPORT

**Date:** Tuesday, August 12, 2014  
**To:** Bryan H. Montgomery, City Manager  
**From:** Kevin Rohani, Public Works Director/City Engineer

Approved and Forwarded to City Council:

  
Bryan H. Montgomery, City Manager

**SUBJECT:** Acceptance of work associated with FY 2013/14 Street Repair and Resurfacing, CIP Project No. 14

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### Introduction

The City's adopted FY 2013/14 Capital Improvement Program (CIP) Budget designates funding for various infrastructure repair and replacement projects. This is consistent with the City's goals to improve the quality of the City's public infrastructure and to enhance the quality of life for our residents.

### Background and Analysis

The FY 2013-14 Street Repair and Resurfacing, Capital Improvement Project No. 14 focused on two areas, one neighborhood north of Oakley Road and three streets south of Oakley Road, all of which included SierraCrete remediation. The project consists of a series of dig-outs, and applying thin asphalt overlay (TMO) to repair the deteriorated pavement in the neighborhood streets (referred to as a thin maintenance overlay or TMO). Each year the pavement conditions change due to wear and tear and the streets must routinely undergo preventative maintenance to ensure their functionality.

This was the second City of Oakley pavement repair and replacement project to include SierraCrete remediation. Based on the findings of the City's SierraCrete study, Pavement Engineering Inc. (PEI) incorporated additional details into the project plans. On SierraCrete streets where the pavement has cracked, the failed areas were excavated to a depth of 4 inches and then repaved. Once the base failures were repaired, the entire street received a TMO rather than the traditional slurry seal. The TMO is placed about 0.10 feet thick. This approach saved dig-out costs by only dealing with the failed areas and the TMO "sealed" the pavement with a thicker barrier than the slurry seal. As with any non-traditional pavement repair, the streets will need to be monitored over the years for effectiveness.

## **Summary**

Early in the design phase of this project, staff communicated the project with the residents within the neighborhood in an effort to inform and discuss the project, as well as to inform them that access to their homes would be accommodated at all times during construction. During these discussions contact information was also provided so that any issues that came up during construction could be addressed expeditiously by staff and the construction team. This approach was particularly valuable during the removal of the deteriorated asphalt and paving process where the property owners were directly affected.

The final phase of this project was adjusting the manholes to grade followed by the striping. Staff continued their coordination efforts with the contractor to make sure this phase of the work was performed successfully.

The collaborative effort by the staff, residents and contractor resulted in a better project and reduced some of the inconveniences that may result from a major construction project. The successful completion of this project also adds a new asset to the City of Oakley public infrastructure system.

## **Fiscal Impact**

This construction contract awarded by the City Council was for \$645,094.75 with the contingency amount of \$64,509.00 bringing the total authorized budget to \$709,603.75. This construction contract was successfully completed under the authorized budget for \$645,329.23.

Pursuant to the contract documents, 5% of the accrued costs were withheld from the amount paid to the contractor. These funds are called "retention", and are held until the end of the project to ensure that the contractor completes the project in a timely manner. Approval of this item will authorize the release of the retention payment to the contractor. The retention was already budgeted as part of the contract and change order approvals, so there is no additional fiscal impact associated with this action.

## **Recommendation**

Staff recommends that the City Council Adopt the Resolution accepting FY 2013-14 Street Repair and Resurfacing, CIP Project No. 14 as constructed by Knife River Construction to be complete, and to direct the City Clerk to file a Notice of Completion for the project with the County Recorder.

## **Attachments**

- 1) Resolution
- 2) Notice of Completion

**RESOLUTION NO. \_\_-14**

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF OAKLEY ACCEPTING AS COMPLETE THE WORK PERFORMED BY KNIFE RIVER CONSTRUCTION FOR CIP PROJECT NO. 14 – CITYWIDE PAVEMENT MANAGEMENT (VARIOUS NEIGHBORHOODS)**

**WHEREAS**, Pavement Engineering Inc. (PEI) prepared plans, special provisions, and cost estimates related to CIP Project No. 14 – Citywide Pavement Management (Various Neighborhoods); and

**WHEREAS**, on October 8, 2013, by adopting Resolution No. 87-13, the City Council awarded a construction contract to Knife River Construction, for the construction of CIP No. 14 – Citywide Pavement Management (Various Neighborhoods).

**WHEREAS**, Knife River Construction, submitted the lowest responsive base bid for a cost of \$468,332.75; and

**WHEREAS**, as a result of the base bid being lower than the budgeted amount, Alternate 1, Area B, was added to the awarded project for an amount of \$176,762.00 for a combined total project cost of \$645,094.75; and

**WHEREAS**, during the life of the project there was one approved change order, and the final invoiced amount including the approved change order is \$645,329.23; and

**WHEREAS**, Knife River Construction has satisfied the contractual requirements necessary for the acceptance of CIP No. 14 as complete.

**NOW, THEREFORE, BE IT RESOLVED AND ORDERED**, by the City Council of the City of Oakley that CIP Project No. 14 – Citywide Pavement Management (Various Neighborhoods) is hereby accepted as complete

**BE IT FURTHER RESOLVED AND ORDERED**, that the City Clerk is hereby directed to file a Notice of Completion for CIP No. 14 with the County Recorder.

**PASSED AND ADOPTED** by the City Council of the City of Oakley at a meeting held on the 12<sup>th</sup> of August, 2014 by the following vote:

- AYES:
- NOES:
- ABSENT:
- ABSTENTIONS:

APPROVED:

\_\_\_\_\_  
Randy Pope, Mayor

ATTEST:

\_\_\_\_\_  
Libby Vreonis, City Clerk

\_\_\_\_\_  
Date

PURSUANT TO GOVERNMENT  
CODE §6103 NO FEE IS REQUIRED  
FOR THE RECORDATION OF THIS  
DOCUMENT

**WHEN RECORDED MAIL TO:**

City Clerk  
City Of Oakley  
3231 Main Street  
Oakley, Ca 94561

**RECORDING REQUESTED BY:**

City Of Oakley  
3231 Main Street  
Oakley, Ca 94561

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SPACE ABOVE THIS LINE RESERVED FOR RECORDER'S USE

**NOTICE OF COMPLETION**

**CIP 14 – Citywide Pavement Management (Various Neighborhoods)**

NOTICE IS HEREBY GIVEN THAT:

The CITY OF OAKLEY, a political subdivision of the State of California, did, on October 8, 2013, enter into an agreement with Knife River Construction for construction of Capital Improvement Program Project Number 14 – Citywide Pavement Management (Various Neighborhoods).

The work described in the contract documents was to furnish all material, labor, and equipment necessary to complete CIP No. 14 – Citywide Pavement Management (Various Neighborhoods). The project limits are located in the neighborhood north of Oakley Road at Kelsey Lane and included streets: Canopy Lane, Garden Court, and Springbrook Court.

On August 12, 2014 said contract, as a whole was completed and the work was accepted by the City Council of the City of Oakley.

I hereby certify under penalty of perjury that the facts set forth in the foregoing Notice of Completion are true and correct.

Executed at Oakley, Contra Costa County, State of California, on \_\_\_\_\_.

By: \_\_\_\_\_  
Libby Vreonis, City Clerk  
City of Oakley, California