



Staff Report

Date: May 31, 2016

To: City Council

From: Valerie J. Barone, City Manager

Reviewed by: Victoria Walker, Director of Community and Economic Development

Prepared by: Mario Camorongon, CIP Manager
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(925) 671-3021

Subject: **Accept Improvements for Citywide Bridge Repair Program – Group 1 Bridges, Project No. 2342, and direct the City Clerk to file a Notice of Completion**

Report in Brief

Bay Line Cutting and Coring, Inc. of Berkeley has completed all work associated with the Citywide Bridge Repair Program-Group 1 Bridges Capital Improvement Program (CIP) Project, Project No. 2342, and has provided the required warranty.

Recommended Action

Staff recommends that the City Council accept the improvements for Citywide Bridge Repair Program-Group 1 Bridges, Project No. 2342, constructed by Bay Line Cutting and Coring, Inc., and direct the City Clerk to file a Notice of Completion.

Background

On September 26, 2006, the City Council adopted Resolution No. 06-63, approving the City's Bridge Preventive Maintenance Program (BPMP), Project No. 2060, and accepted a grant from Caltrans that was used to fund the costs of evaluating the preventive maintenance needs for 31 City-owned bridges. The evaluation resulted in a prioritized bridge repair needs list and was the first step in establishing eligibility for Caltrans' BPMP funding. The Caltrans program provides funding for certain activities that have been pre-approved by the Federal Highway Administration (FHWA) that extend the life of bridges. Of the 31 City-owned bridges, 17 were deemed eligible for funding through Caltrans' BPMP funding.

Based on the preliminary environmental analysis, the 17 bridges were split into two groups. Group 1 consisted of the 6 bridges listed below needing preventative maintenance that required only limited environmental review and documentation. For this reason, the construction of improvements to the Group 1 bridges was completed first.

On July 7, 2015, the City Council awarded a Construction Contract in the amount of \$640,000 to Bay Line Cutting and Coring, Inc. of Berkeley (Bay Line) for the Citywide Bridge Repair Program-Group 1 Bridges Project (Project No. 2342) to construct repairs, including deck resurfacing, slope paving, replacement of expansion joints, spall repairs, and drainage improvements, on the following six bridges:

Group 1 Bridges - Limited environmental documentation required:

1. 28C-0034, Willow Pass Road Bridge over Mount Diablo Creek
2. 28C-0189L, Diamond Boulevard Bridge over Walnut Creek Left
3. 28C-0189R, Diamond Boulevard Bridge over Walnut Creek Right
4. 28C-0427, Cowell Road Bridge over Galindo Creek
5. 28C-0436, Walnut Avenue Bridge over Contra Costa Canal
6. 28C-0116, Kirker Pass Road Bridge over Mount Diablo Creek

Analysis

Bay Line has completed all work on Project No. 2342. Staff has inspected the work for compliance with the project plans and specifications. Bay Line has provided the required 10% warranty bond, which guarantees the work from defects for one year.

Financial Impact

The construction contract was completed in the total amount of \$753,759.13 which included the original contract amount of \$640,000 and four Contract Change Orders (CCO) totaling \$113,759.13. The first CCO, in the amount of \$22,339.48, was to provide additional needed repair to the expansion joints on Bridge No. 28C-0034. The second CCO, in the amount of \$27,600, was to remove additional unsound concrete at Bridge Nos. 28C-0034, 28C-0189L, and 28C-0189R and patch with concrete. The second change order also covered the cost of slope paving at Bridge No. 28C-0116, elimination of work pertaining to injection of epoxy in the cracked concrete at Bridge No. 28C-0034 and removal and installation of chain link railing posts at Bridge No. 28C-0116. These two CCOs were within the approval level authorized to staff.

The third CCO, in the amount of \$63,975, was approved by the City Council on January 5, 2016, for additional polyester concrete at Bridge No. 28C-0034. The fourth CCO, in the amount of \$4,729.65, was for added work at Bridge No. 28C-0116 and reduction of work on three (3) bridges (Bridge Nos: 28C-0189R, 28C-0427, 28C-0034) for a credit of \$4,885, resulting in a net credit of \$155.35 for Change Order #4. The total amount of the four CCO's was \$113,759.13 (17.8% of construction cost).

City Council Agenda Report
Accept Improvements for Citywide Bridge Repair Program – Group 1 Bridges,
Project No. 2342
May 31, 2016

This project was funded primarily with Bridge Preventative Maintenance Program Grants (\$678,940), Gas Tax (\$40,000), and General Funds (\$127,590).

Public Contact

The City Council Agenda was posted.

Attachments

1. Location Map
2. Notice of Completion

City of Concord

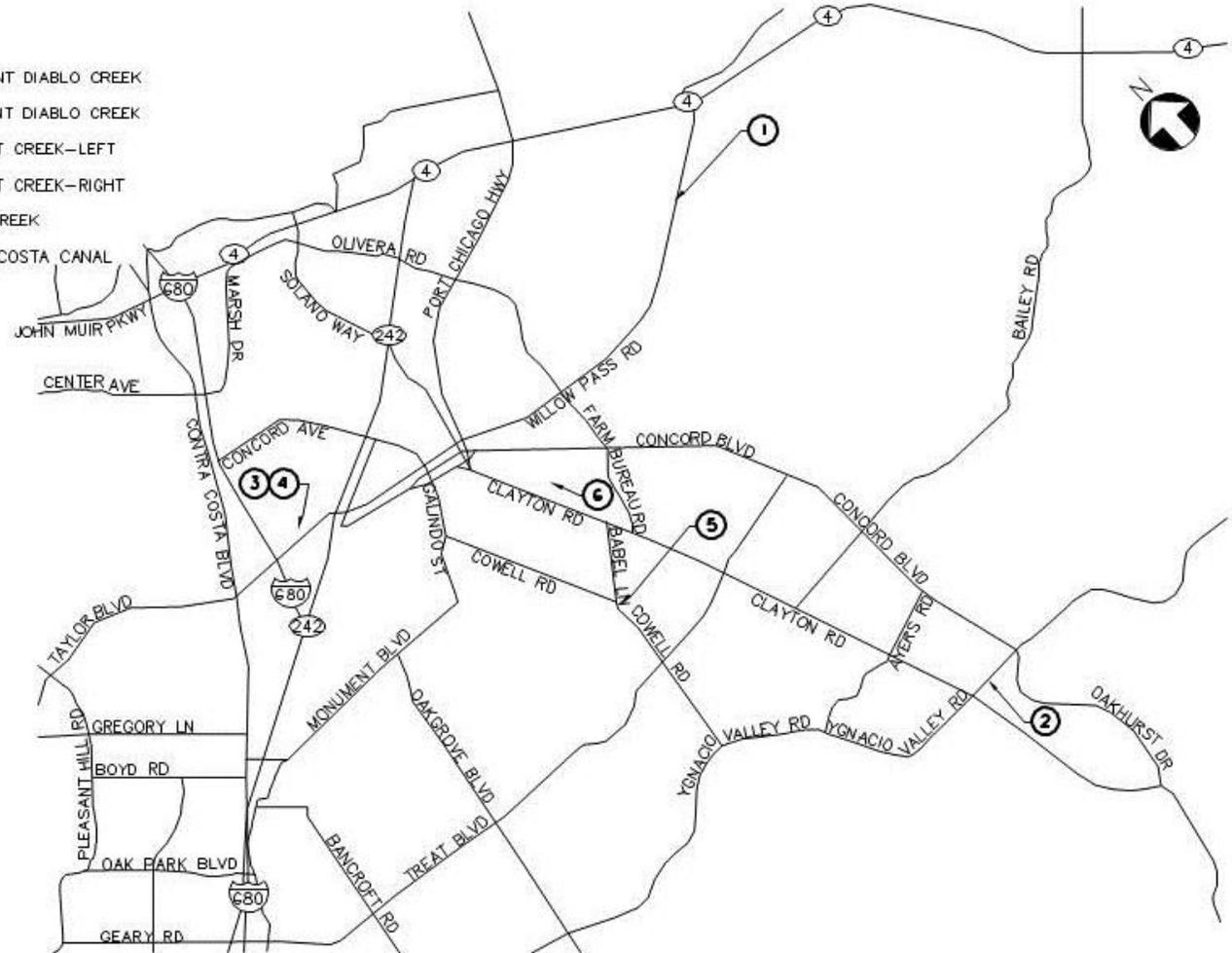
Citywide Bridge Repair Program

➤ Group 1 of 2 Bridges

STRUCTURE LIST

ID NO BRIDGE NO

- ① 28C0034 WILLOW PASS RD OVER MOUNT DIABLO CREEK
- ② 28C0116 KIRKER PASS RD OVER MOUNT DIABLO CREEK
- ③ 28C0185L DIAMOND BLVD OVER WALNUT CREEK-LEFT
- ④ 28C0189R DIAMOND BLVD OVER WALNUT CREEK-RIGHT
- ⑤ 28C0427 COWELL RD OVER GALINDO CREEK
- ⑥ 28C0436 WALNUT AVE OVER CONTRA COSTA CANAL



VICINITY MAP
NO SCALE

RECORDING REQUESTED BY AND WHEN
RECORDED MAIL TO:

City Clerk
City of Concord
1950 Parkside Drive MS/03
Concord, CA 94519

(Space Above This Line for Recorder's Use Only)
[Exempt from recording fee per Gov. Code § 27383]

APN(s): N/A

NOTICE OF COMPLETION

(Cal. Civ. Code §§ 8180-8190, 8100-8118, 9200-9208)

A. The City of Concord, a California municipal corporation, entered into a written contract with **Bay Line Cutting & Coring Inc.**, dated **July 7, 2015**. The surety on said contract is held by **The Ohio Casualty Insurance Company, 62 Maple Avenue, Keene, NH 03431**.

B. NOTICE IS HEREBY GIVEN THAT:

- (1) The name and address of the owner or reputed owner are:
City of Concord, 1950 Parkside Drive, Concord, CA 94519-2578
- (2) The name and address of the direct contractor are:
Bay Line Cutting & Coring Inc., 1635 4th Street, Berkeley, CA 94710
- (3) The name and address of the construction lender, if any, are:
Not applicable
- (4) A description of the site sufficient for identification, including the street address of the site, if any, follows:
The real property herein referred to is situated in the City of Concord, County of Contra Costa, State of California, and is described as follows: Project No. 2342, Citywide Bridge Repair – Group 1 Bridges, which are identified as follows: 1.) #28C-0034, Willow Pass Road Bridge over Mount Diablo Creek, 2.) #28C-0189L, Diamond Boulevard Bridge over Walnut Creek Left, 3.) #28C-0189R, Diamond Boulevard Bridge over Walnut Creek Right, 4.) #28C-0427, Cowell Road Bridge over Galindo Creek, 5.) #28C-0436, Walnut Avenue Bridge over Contra Costa Canal, 6.) #28C-0116, Kirker Pass Road Bridge over Mount Diablo Creek
- (5) The name, address, and relationship to the parties of the person giving the notice:
City of Concord, a California Municipal Corporation, 1950 Parkside Drive, Concord, CA 94519; person giving notice and owner.
- (6) **The person giving this notice is not a claimant**
- (7) This notice is given for (check one):
 Completion of the work of improvement as a whole.
 Completion of a contract for a particular portion of the work of improvement. If the notice is given only of completion of a contract for a particular portion of the work of improvement as provided in California Civil Code Section 8186, provide the following information:
 - (a) The name and address of the direct contractor under that contract: See item B(2), above.
 - (b) A general statement of the work provided pursuant to the contract: See item A above.
- (8) If signed by the owner's successor in interest, the name and address of the successor's transferor:
Not applicable
- (9) The nature of the interest or estate of the owner: **Right-of-Way**
- (10) The date of completion: **May 24, 2016**

I, **Robert Ovadia, PE**, say I am the City Engineer for the City of Concord, owner of the aforesaid interest or estate in the property described in the above Notice of Completion, and as such, make this verification on behalf of City of Concord; and that I have read the above Notice of Completion and know the contents thereof and that the facts stated therein are true of my own knowledge. I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Executed on _____, 20____, at
Concord, California

(Signature)

ATTEST:

Joelle Fockler, MMC
City of Concord City Clerk