



Date: September 3, 2015
To: Mayor and City Council
From: Tim Tucker, City Engineer
Subject: Rail Safety Service Contract (grant) Agreement with Caltrans

Recommendation

Adopt resolution authorizing the City Manager to execute Service Contract No.: 75LX256 between the City of Martinez and California Department of Transportation's (Caltrans) Division of Rail and Mass Transportation in the amount of \$542,700 for Ferry Street Pedestrian Improvements at the downtown Union Pacific crossing.

Background

On May 7, 2013, representatives from the City, Union Pacific Railroad (UP), Caltrans Division of Rail (Caltrans), and the California Public Utilities Commission (CPUC) met to review the Ferry Street at-grade highway-rail crossing. This crossing was identified for possible funding of hazard elimination and safety improvements through the Federal Section 130 funds. The Section 130 program is a federally funded program, administered by the states, for the elimination of hazards at at-grade highway-rail crossings.

Ferry Street is a two lane local roadway adjacent to the Martinez Amtrak Station. There are an estimated 3,000 average vehicle daily trips, and an average of 61 trains, including 46 Amtrak passenger trains, per day. The immediate area around the crossing is commercial and parkland. Ferry Street provides vehicle and pedestrian access to the Martinez Waterfront Park from downtown Martinez.

The crossing has three main tracks and one siding track. As of the May, 2013 meeting date, the crossing had three incidents within the previous five years. The crossing is currently equipped with two California Public Utilities Commission (CPUC) Standard 9 (flashing light signal assembly with automatic gate) warning devices, and pavement markings.

Discussion

The team recommended improvements to the City, should we desire to establish pedestrian access along the eastern side of the crossing. These pedestrian improvements would connect the existing sidewalk on Ferry Street, south of the tracks, to the pedestrian path which runs along Joe DiMaggio Drive. The sidewalk currently terminates at a concrete planter in front of the historic train station. The project would construct sidewalk, curb and gutter, pedestrian crossing gates, striping and ADA ramps. The team also identified improvements for both UP and Amtrak. These improvements have since been installed.

Fiscal Impact

None. The total cost of the pedestrian improvements is \$542,700 which includes Engineering, Administration and Contingency/Inflation. The project is fully funded through the Federal Section 130 funds. No City matching funds are required.

Attachments

- Cost Estimate
- Schematic Plan
- Scope of Work
- Resolution

APPROVED BY: 
Rob Braulik, City Manager

Exhibit B
Fed Xing ID: 751734Y
CPUC ID: 001A-31.70
Cost Estimate

City Work

Work Item	Quantity	Unit	Unit Cost	Total
Detectable Warning Tiles	8	EA	5000	40000
Curb & Gutter	300	LF	40	12000
Sidewalk	2500	SF	100	250000
Striping	1	LS	20000	20000
Demolition	1	LS	30000	30000
Pedestrian Barricade	2	EA	10000	20000
UPRR Permit	1	LS	15000	15000
Traffic Control	1	LS	15000	15000
Subtotal				402000
			15%	60300
Construction Engineering				
Construction Administration & Inspection			10%	40200
Contingency			10%	40200
Total City Cost Estimate				\$542,700



Exhibit C
Fed Xing ID: 751734Y
CPUC ID: 001A-31.70
Drawing

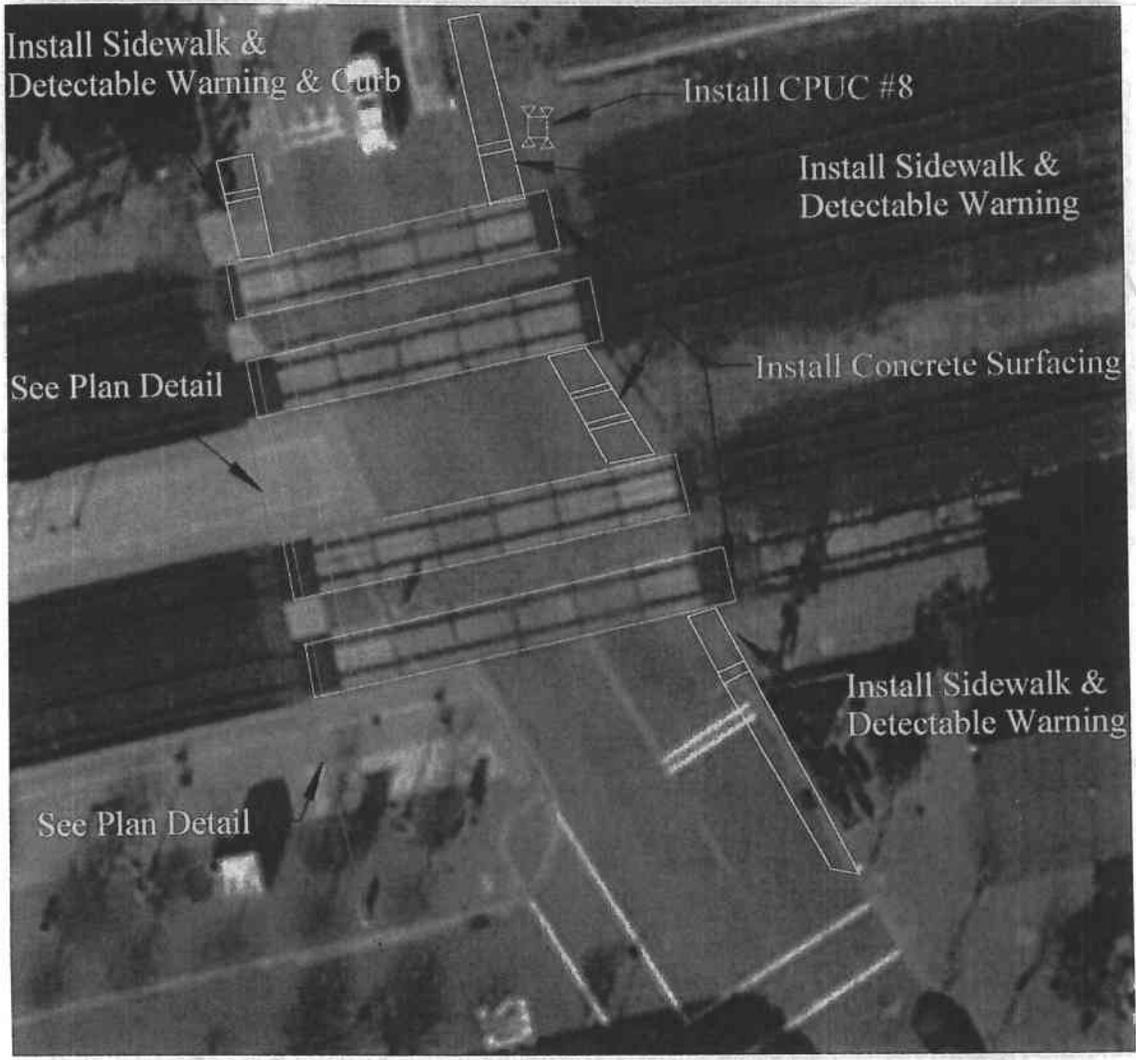


Exhibit A
Fed Xing ID: 751734Y
CPUC ID: 001A-31.70
Scope of Work

Street Name: Ferry Street

County: Contra Costa

City: Martinez

Railroad: Union Pacific Railroad

All modifications shall be in accordance with the CAMUTCD and CPUC General Orders.

Scope of Work:

- Reconstruct the southwest quadrant including but not limited to:
 - Install pedestrian channelization.
 - Remove existing detectable warning tiles along the track and the curb adjacent to Ferry Street.
 - Install new detectable warning tiles on sidewalk approach.
- Reconstruct the northwest quadrant including but not limited to:
 - Install concrete sidewalk.
 - Install curb.
 - Remove and replace detectable warning tile on sidewalk approach.
- Reconstruct the northeast quadrant including but not limited to:
 - Install concrete sidewalk in quadrant and between tracks.
 - Install detectable warning tile on sidewalk approaches.
- Reconstruct the southeast quadrant including but not limited to:
 - Install concrete sidewalk in front of existing planter box up to the crossing.
 - Install detectable warning tile on sidewalk approach.
- Reconstruct the west area adjacent to the platform between the track sets including but not limited to:
 - Remove and relocate concrete sidewalk.
 - Remove and relocate detectable warning tile on sidewalk approaches.
 - Install pedestrian channelization.
- Install pavement markings including:
 - Edge lines/edge of pedestrian pathways through crossing.
 - Centerline through crossing.



RESOLUTION NO. -15

AUTHORIZING THE CITY MANAGER TO EXECUTE SERVICE CONTRACT NO.: 75LX256 BETWEEN THE CITY OF MARTINEZ AND CALIFORNIA DEPARTMENT OF TRANSPORTATION'S (CALTRANS) DIVISION OF RAIL AND MASS TRANSPORTATION IN THE AMOUNT OF \$542,700 FOR FERRY STREET PEDESTRIAN IMPROVEMENTS AT THE DOWNTOWN UNION PACIFIC CROSSING

WHEREAS, the City Council of the City of Martinez is supportive of providing safe accessible facilities for pedestrians through the installation of sidewalks and curb ramps; and

WHEREAS, City has recently constructed a pedestrian trail as part of the Joe DiMaggio Drive Landscape Replacement Project; and

WHEREAS, Caltrans Division of Rail (Caltrans), and the California Public Utilities Commission (CPUC) met to review the Ferry Street at-grade highway-rail crossing on May 7, 2013; and

WHEREAS, Caltrans and the CPUC developed recommendations to the City for constructing pedestrian improvements from the Ferry Street sidewalk to the Joe DiMaggio pedestrian trail across the Union Pacific Railroad (UP) crossing; and

WHEREAS, the City desirous of constructing pedestrian facilities on the east side of Ferry Street in the vicinity of the UP crossing; and

WHEREAS, said projects will provide much needed safe and accessible pedestrian access along Ferry Street; and

WHEREAS, Caltrans has agreed to provide \$542,700 through the Federal Section 130 funds to fully fund the construction, design and administration; and

WHEREAS, the City must execute a Service Contract with CALTRANS as a condition for receiving said funding.

NOW, THEREFORE, IT BE RESOLVED by the City Council of the City of Martinez authorizes the City Manager to execute Service Contract No.: 75LX256 between the City and California Department of Transportation's (Caltrans) Division of Rail and Mass Transportation in the amount of \$542,700 for Ferry Street Pedestrian Improvements at the downtown Union Pacific crossing.

* * * * *

I HEREBY CERTIFY the foregoing is a true and correct copy of a resolution duly adopted by the City Council of the City of Martinez at a Regular Meeting of said Council held on the 16th day of September, 2015, by the following vote:

AYES:

NOES:

ABSENT:

RICHARD G. HERNANDEZ, CITY CLERK
CITY OF MARTINEZ