



**MEETING OF THE CITY OF CONCORD
BICYCLE, PEDESTRIAN AND SAFE ROUTES TO TRANSIT
PLAN ADVISORY COMMITTEE**

**Monday, December 14, 2015
5:30 p.m., A Very Special Meeting
PERMIT CENTER CONFERENCE ROOM
1950 Parkside Drive, Bldg. D**

www.cityofconcord.org/bikeandped

Plan Advisory Committee Members

Laura Hoffmeister, Chair and City Council Representative
Carlyn Obringer, Planning Commission Representative
Mark Sinclair, Parks Recreation and Open Space Committee Representative
Sergio Huerta, At-Large Representative
Clair Linder, At-Large Representative

AGENDA

PUBLIC COMMENT PERIOD - NON-AGENDA ITEMS

ADDITIONS/CONTINUANCES/WITHDRAWALS

STAFF REPORTS / DISCUSSION ITEMS

1. Detroit Avenue and Whitman Road Bridge Pedestrian Improvements (45 Minutes)

The Plan Advisory Committee currently serves as the City's interim Bicycle and Pedestrian Advisory Committee (BPAC) for TDA projects. A permanent committee will be formed for this purpose at a later date based on the policies and recommendations to be outlined in the upcoming Bicycle, Pedestrian and Safe Routes to Transit Plan.

2. Project Status Update (Brief Item)

PUBLIC COMMENTS - AGENDA ITEMS

COMMITTEE MEMBER CONSIDERATIONS/ANNOUNCEMENTS

STAFF ANNOUNCEMENTS

Next PAC meeting will be held on January 25, 2016.

ADJOURNMENT

NOTICE TO PUBLIC

No item will be considered after 9 P.M. Items remaining on the agenda will be rescheduled. Should the Permit Center Conference Room reach capacity, the meeting will be held in the adjacent Council Chambers. Members of the audience who wish to address the Plan Advisory Committee are requested to complete a speaker's card inclusive of their name and address. Public comments should be limited to three minutes.

The Bicycle, Pedestrian, and Safe Routes to Transit Plan Advisory Committee is a temporary ad-hoc committee. Staff will not provide written summaries of the Plan Advisory Committee's discussions on agenda items. Attendees should be prepared to take all necessary notes regarding any comments, suggestions, and directions. For additional information regarding the role of the Plan Advisory Committee, please contact the Planning Division at (925) 671-3152.

In accordance with the Americans with Disabilities Act and California Law, it is the policy of the City of Concord to offer its public programs, services and meetings in a manner that is readily accessible to everyone, including those with disabilities. If you are disabled and require a copy of a public hearing notice, or an agenda and/or agenda packet in an appropriate alternative format; or if you require other accommodation, please contact the ADA Coordinator at (925) 671-3031, at least five (5) days in advance of the hearing. Advance notification within this guideline will enable the City to make reasonable arrangements to ensure accessibility.

***BICYCLE PEDESTRIAN AND SAFE ROUTES TO TRANSIT
PLAN ADVISORY COMMITTEE MEMORANDUM***

December 14, 2015

TO: Bicycle, Pedestrian, and Safe Routes to Transit
Plan Advisory Committee (PAC)

FROM: Robert Ovadia, PE, City Engineer
Robert.ovadia@cityofconcord.org

Mario Camorongan, PE, CIP Manager
Mario.camorongan@cityofconcord.org

SUBJECT: Detroit Avenue and Whitman Road Bridge Pedestrian Improvements

Background

The Metropolitan Transportation Commission (MTC) will soon be soliciting applications for 2016/2017 Transportation Development Act (TDA) Article 3 funds for pedestrian and bicycle projects. Eligible projects are defined as projects that eliminate or improve an identified problem area (specific safety hazards such as high-traffic narrow roadways or barriers to travel) on routes that would otherwise provide relatively safe and direct bicycle or pedestrian travel use. MTC has not yet released the estimated allocation for Contra Costa County. Last year's total allocation for Contra Costa County was approximately \$750,000.

In Contra Costa County, prior to submittal to MTC, the TDA applications are initially ranked by the Countywide TDA subcommittee, with a priority list submitted to CCEAC for approval and recommendation to the Mayor's Conference. Once approved by the Mayor's Conference, the list is then approved by the County Board of Supervisors for submittal to the MTC.

On October 21st, 2015 a call for projects was issued by Contra Costa County to local agencies for the TDA grant. Each city may submit one project for consideration and MTC requires approval by a Pedestrian/Bicycle Advisory Committee. In the past, the City has historically used the Countywide Bicycle Committee to review its applications.

In the creation of the Bicycle and Pedestrian Master Plan Advisory Committee (PAC), the Committee is authorized to serve as the City's interim Bicycle and Pedestrian Advisory Committee (BPAC) until a permanent standing committee is created. The MTC has confirmed the Plan Advisory Committee's status for this purpose.

Discussion

The Engineering Division proposes to submit an application on behalf of the City to construct pedestrian improvements along Detroit Avenue, across the bridge over the Contra Costa County Flood Control District (CCCFD) Channel near Whitman Road. This project was previously identified as a priority pedestrian project and was partially funded (design only) as part of the City's FY 15-16 Capital Improvement Program.

Project Description

The bridge over Contra Costa County Flood Control District (CCCFD) Channel at Detroit Avenue is a 50-ft reinforced concrete bridge. The deck width is approximately 32'-6". It carries 2 lanes of traffic with a clear width of 27'-8" and a walkway of about 3-ft wide on the west side. The bridge carries utilities on both sides with a 5-ft tall chain link fence located on the east side. The City is proposing to reduce the lane widths to a minimum of 11-ft in each traffic direction and install a new sidewalk on the east side of the bridge. The existing steel metal railing will be left in place on the bridge and metal beam guard railing approaching the bridge on the west side of the bridge will be improved or upgraded. This new sidewalk will be connected to the existing sidewalk north of the bridge, and will be extended southward to the intersection of Whitman Road where a new crosswalk will be installed to connect to the existing sidewalk on the north side of Whitman Road to provide a continuous safe passage across the bridge, along the east side of Detroit Avenue to Whitman Road.

It is anticipated that minor utility relocations may be needed at the south end to create an accessible sidewalk. The major utilities and utilities on the bridge will remain and will be protected in place during construction. The existing traffic signal may require minor modifications to accommodate the pedestrian crossing at Whitman Road, including pedestrian heads and push buttons. The pavement striping and marking along Detroit Avenue will require re-striping to accommodate the lane shift due required to provide the new sidewalk on the bridge. All improvements will be done within the City's right-of-way and via permit with CCFCD. A schematic of the proposed work is shown on Figure 2 - Proposed Improvements at Detroit Avenue and Whitman Road.

The proposed improvements will greatly increase the safety of pedestrians and school children along a popular path of travel coming and going from Ygnacio Valley Elementary School by installing new sidewalk, access ramps, pedestrian signal actuation and widening of the pedestrian area on the bridge to create a safer and more accessible walking path.

Project Elements

- Reducing lane width to a minimum of 11-ft in each traffic direction and traffic re-striping to accommodate the lane shift
- Widening sidewalk from three (3) feet to five - seven (5-7) feet

- Constructing sidewalk connections to the north and south ends including ADA improvements and accessible ramp
- Construction of a modified Caltrans Type 26 concrete barrier
- Minor utility relocations
- New crosswalk across Whitman Rd and minor modifications to the existing traffic signal
- Replacement or improvement of metal beam guard railing

The total estimated project costs for design and construction for this project is \$287,843. The City will be requesting \$150,000 (52% of the costs) to be funded by the TDA grant with the remaining 48% (\$137,843) proposed as the City's local match. As indicated above, the approved FY 2015-16 CIP included design funds for this project but did not yet identify construction funds for the project.

Staff is requesting a Minute Motion that can be submitted with the grant application indicating the PAC's approval.

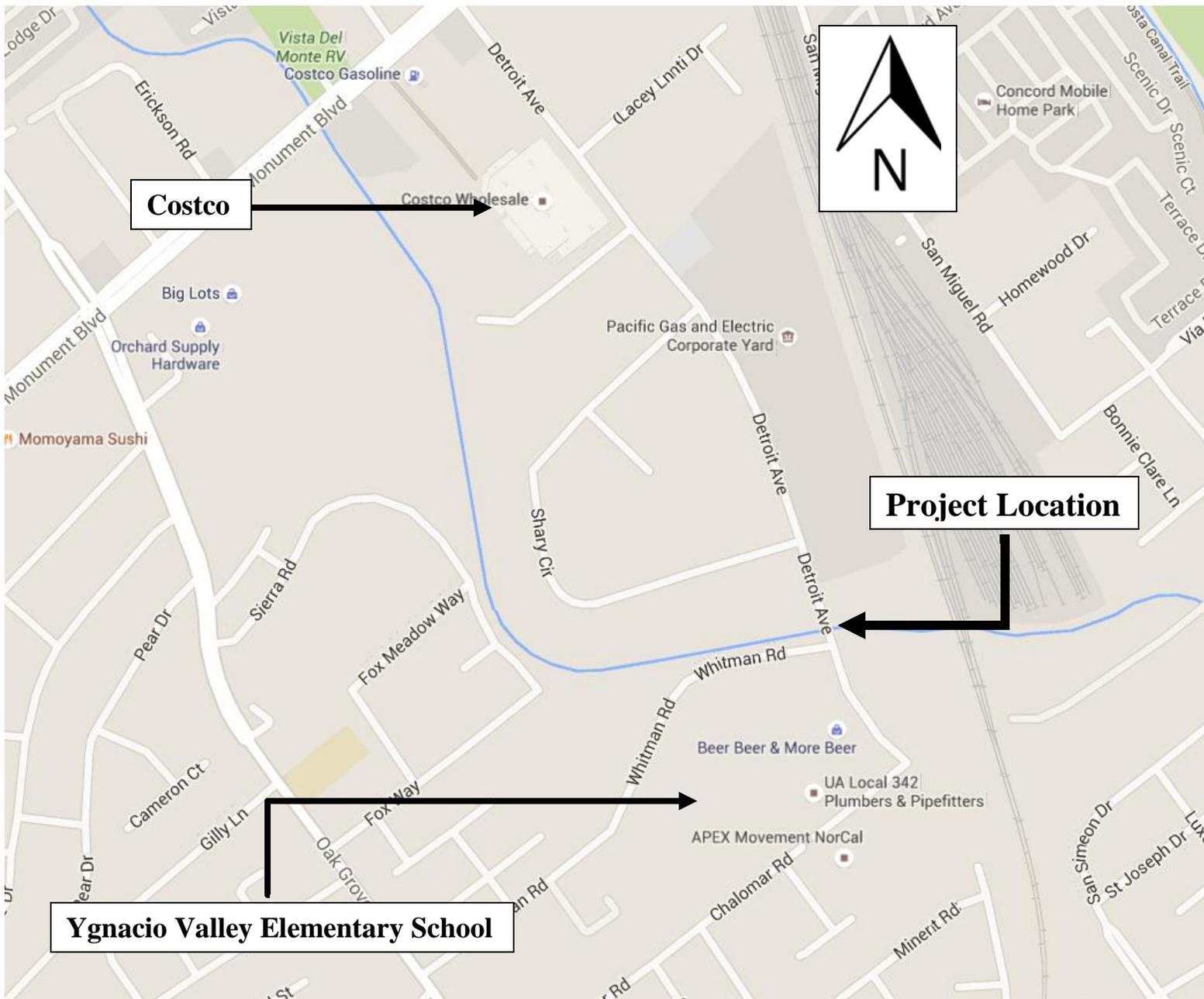
Minute Motion

Staff recommends the Plan Advisory Committee move to recommend in favor of the proposed sidewalk improvements at Detroit and Whitman Road project. Any additional comments or recommendations made by the Committee are welcome.

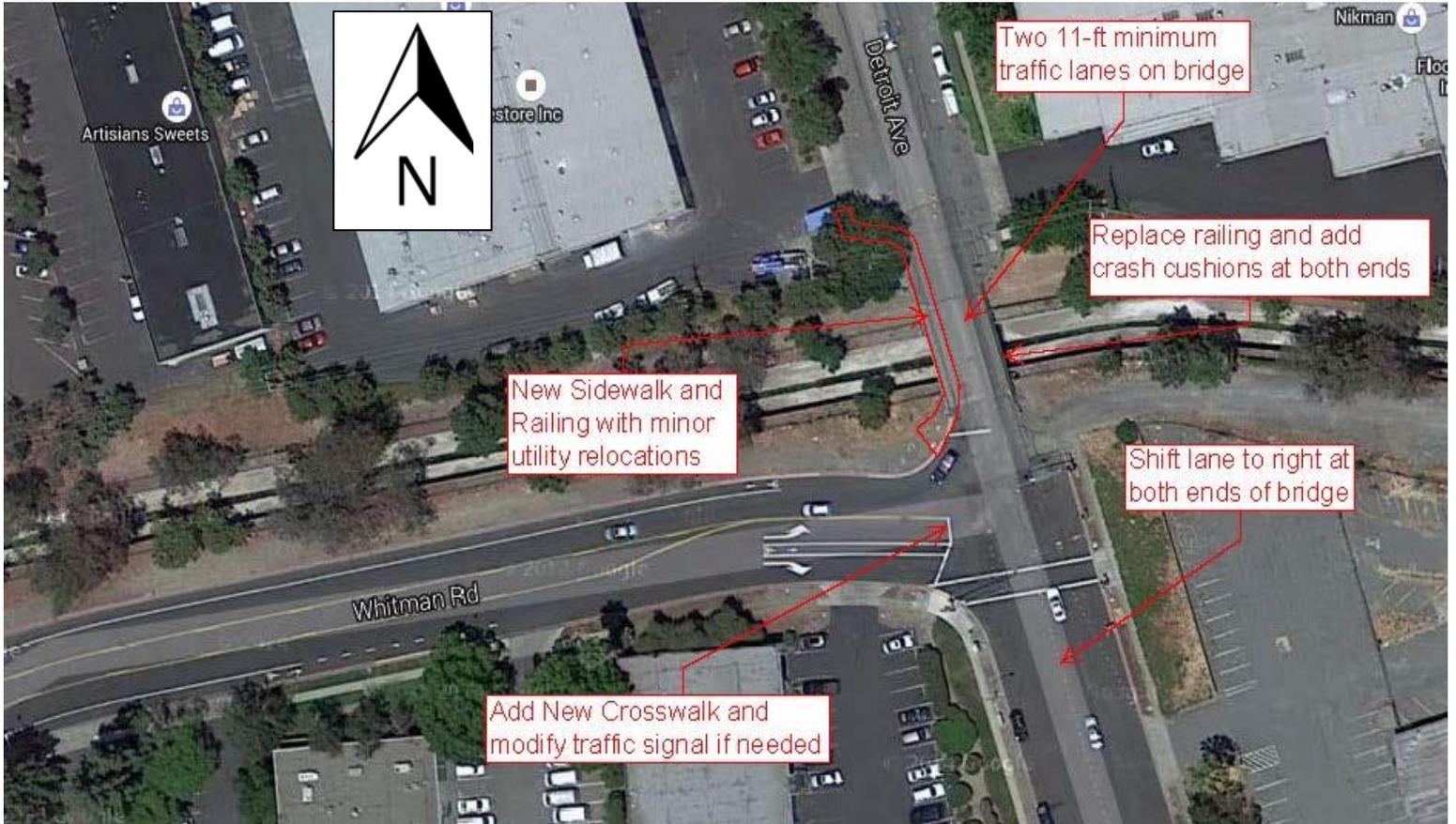
Attachments:

1. Figure 1 – Location Map
2. Figure 2 – Proposed Improvements Schematic
3. Figure 3 – Preliminary Construction Cost Estimate
4. Figure 4 – Design Services Cost Estimate
5. Site Photos

Location Map



Proposed Improvements Schematic



Preliminary Construction Cost Estimate

ENGINEER'S ESTIMATE PAGE 1

PROJECT: DETROIT AVENUE AND WHITMAN ROAD SAFETY IMPROVEMENTS

CITY OF CONCORD

EST BY E. CHAN

DATE: 10/29/2015 SPAN = 50 FT

CHK F. LO

DATE: 10/31/2015 WIDTH = 32.5 FT

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
1	CLEARING AND GRUBBING	LS	1.0	\$3,000.00	\$3,000.00
2	TRAFFIC CONTROL SYSTEM (INCLUDING FLAGGERS)	LS	1.0	\$10,000.00	\$10,000.00
3	CONSTRUCTION AREA SIGNS	LS	1.0	\$2,000.00	\$2,000.00
4	SIGNING & STRIPING	LS	1.0	\$7,000.00	\$7,000.00
5	HANDICAPPED RAMPS	EA	1.0	\$3,500.00	\$3,500.00
6	5.5' CONCRETE SIDEWALK	SF	750.0	\$30.00	\$22,500.00
7	RCC CURB	LF	150.0	\$25.00	\$3,750.00
8	PAVEMENT GRINDING	SF	3000.0	\$1.50	\$4,500.00
9	2" AC OVERLAY	TON	36.3	\$150.00	\$5,437.50
10	TRAFFIC SIGNAL MODIFICATIONS	LS	1.0	\$35,000.00	\$35,000.00
11	MANHOLE COVER/UTILITY BOX ADJUSTMENT	LS	1.0	\$2,000.00	\$2,000.00
12	STURCTURE DEMOLITION (PORTION)	LS	1.0	\$4,000.00	\$4,000.00
13	STRUCTURAL CONCRETE (BRIDGE)	CY	11.0	\$2,000.00	\$22,000.00
14	DRILL AND BOND DOWELS	LF	110.0	\$50.00	\$5,500.00
15	CONCRETE BARRIER TYPE 732(MOD)	LF	100.0	\$150.00	\$15,000.00
16	RELOCATED CHAIN LINK RAILING	LS	1.0	\$2,000.00	\$2,000.00
17	CRASH CUSHION (UNIVERSAL TAU-II)	EA	2.0	\$12,000.00	\$24,000.00

ESTIMATED CONTRACT PRICE =	\$171,188
MOBILIZATION @ 10%	\$17,119
CONTINGENCIES @ 25%	\$47,077
TOTAL ESTIMATED CONTRACT PRICE	\$235,383

ESTIMATED WORKER HOURS AND COST BY TASK
LCC, INC.

CLIENT: JMEC Engineering Inc.
PROPOSAL FOR SURVEYING AND MAPPING SERVICES
CITY OF CONCORD - DETROIT AVE AT WHITMAN RD
ESTIMATED HOURS AND COST BY TASK

SCOPE OF WORK	LCC, INC. HOURS										HOURS			AMOUNTS											
	PS	S2	S1	LS	CE	AE	C2	C1	TT	LCC	SUB	TOTAL	LCC	SUB	TOTAL										
	Task 1 - Topographic Survey and Mapping																								
1.1	Coordination - Control Reserch										2		2	\$294	\$0	\$294									
1.2	Field Survey - topography										6		6	\$1,392	\$0	\$1,392									
1.3	Office Mapping										12		12	\$1,392	\$0	\$1,392									
1.4	Send Notice to Utility Companies requesting basemaps and add utility info to mapping										6		6	\$722	\$0	\$722									
Subtotal Task 1											0	6	0	1	0	3	16	0	0	26	0	26	\$3,800	\$0	\$3,800
Reimbursable Expense Estimated @															\$100										
Consultant Mark-up @ 10%															\$0										
Total Task 1															\$3,900										
Rounded Total (Not To Exceed) Task 1															\$3,900										

(NOTE: LCC RATES BELOW ARE PER CURRENT CITY OF CONCORD ON-CALL CONTRACT FY16/17)

PS = PRINCIPAL SURVEYOR	\$189	AE = ASSISTANT ENGINEER	\$129	SUB = SUBCONSULTANT	\$200
S2 = TWO-MAN SURVEY CREW	\$232	C2 = CAD DESIGNER	\$116	(HOURLY RATES FOR SUBCONSULTANTS ARE USED AS CALCULATION TOOL FOR ESTIMATED COST OF MATERIALS DELIVERED)	
S1 = ONE-MAN SURVEY (GPS)	\$153	C1 = CAD OPERATOR	\$85		
LS = LAND SURVEYOR / SENIOR ENGINEER	\$165	TT = TECHNICAL TYPIST	\$67		
CE = CIVIL ENGR.	\$144				

Site Photos

