



**ACTIVE TRANSPORTATION
PROGRAM
CYCLE 1
APPLICATION**

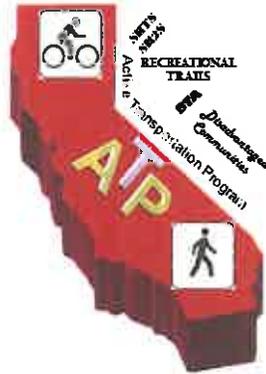


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VI.	Additional Request	N/A
VII.	Non- Infrastructure Schedule Information	N/A
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Attachments:

- Vicinity/Location Map
- Letter of Support
- Benefit / Cost Calculation Request
- Detailed Engineer's Estimate
- Preliminary Plans
- Project Programming Request
- Documentation of Public Meeting
- Additional School Information
- Photos of Existing Conditions
- 2013_2035 SCAG RTP (Digital Copy)
- City of Cudahy Pedestrian Safety Assessment



ACTIVE TRANSPORTATION PROGRAM CYCLE 1

APPLICATION Part 1

(Includes Sections I, V, VI, VII, VIII & XI)

Please read the Application Instructions at
<http://www.dot.ca.gov/hq/LocalPrograms/atp/index.html>
prior to filling out this application

Project name: Cudahy Citywide - Pedestrian Crosswalk Improvement Project (SRTS)

For Caltrans use only: TAP STP RTP SRTS SRTS-NI SHA
 DAC Non-DAC Plan

I. GENERAL INFORMATION

Project name: Cudahy Citywide - Pedestrian Crosswalk Improvement Project (SRTS)

(fill out all of the fields below)

1. APPLICANT (Agency name, address and zip code) City of Cudahy, 5220 Santa Ana Street 90201	2. PROJECT FUNDING ATP funds Requested \$ <u>1,270,100.00</u> Matching Funds (If Applicable) \$ _____ Other Project funds \$ _____ TOTAL PROJECT COST \$ 1,270,100.00
3. APPLICANT CONTACT (Name, title, e-mail, phone #) Michael Allen, Acting Community Development Director, mallen@cityofcudahyca.gov, (323) 773-5143	5. PROJECT COUNTY(IES): <p style="text-align: center;">Los Angeles</p>
4. APPLICANT CONTACT (Address & zip code) 5220 Santa Ana Street 90201	7. Application # <u>1</u> of <u>1</u> (in order of agency priority)
6. CALTRANS DISTRICT #- Click Drop down menu below District 7	

Area Description:

8. Large Metropolitan Planning Organization (MPO)- Select your "MPO" or "Other" from the drop down menu>	SCAG Southern California Association of Governr
9. If "Other" was selected for #8- select your MPO or RTPA from the drop down menu>	
10. Urbanized Area (UZA) population (pop.)- Select your UZA pop. from drop down menu>	Within a Large MPO (Pop > 200,000)

Master Agreements (MAs):

11. Yes, the applicant has a FEDERAL MA with Caltrans.
12. Yes, the applicant has a STATE MA with Caltrans.
13. If the applicant does not have an MA. Do you meet the Master Agreement requirements? Yes No
 The Applicant MUST be able to enter into MAs with Caltrans

Partner Information:

14. Partner Name*:	15. Partner Type
16. Contact Information (Name, phone # & e-mail)	17. Contact Address & zip code

Click here if the project has more than one partner; attach the remaining partner information on a separate page

*If another entity agrees to assume responsibility for the ongoing operations and maintenance of the facility, documentation of the agreement must be submitted with the application, and a copy of the Memorandum of Understanding or Interagency Agreement between the parties must be submitted with the request for allocation.

Project Type: (Select only one)

18. Infrastructure (IF) 19. Non-Infrastructure (NI) 20. Combined (IF & NI)

Project name: Cudahy Citywide - Pedestrian Crosswalk Improvement Project (SRTS)

I. GENERAL INFORMATION-continued

Sub-Project Type (Select all that apply)

21. Develop a Plan in a Disadvantaged Community (select the type(s) of plan(s) to be developed)
 Bicycle Plan Safe Routes to School Plan Pedestrian Plan
 Active Transportation Plan

(If applying for an Active Transportation Plan- check any of the following plans that your agency already has):

- Bike plan Pedestrian plan Safe Routes to School plan ATP plan

22. Bicycle and/or Pedestrian infrastructure
Bicycle only: Class I Class II Class III
Ped/Other: Sidewalk Crossing Improvement Multi-use facility

Other:

23. Non-Infrastructure (Non SRTS)
24. Recreational Trails*- Trail Acquisition

***Please see additional Recreational Trails instructions before proceeding**

25. Safe routes to school- Infrastructure Non-Infrastructure

If SRTS is selected, provide the following information

26. SCHOOL NAME & ADDRESS: Park Avenue Elementary 8020 Park Avenue, Cudahy CA 90201
27. SCHOOL DISTRICT NAME & ADDRESS: Los Angeles Unified School District 333 S. Beaudry Ave Los Angeles CA 90017

28. County-District-School Code (CDS) 6018667	29. Total Student Enrollment 609	30. Percentage of students eligible for free or reduced meal programs ** 93.21
31. Percentage of students that currently walk or bike to school 70%	32. Approximate # of students living along school route proposed for improvement 609	33. Project distance from primary or middle school Immediate Vicinity

**Refer to the California Department of Education website: <http://www.cde.ca.gov/ds/sh/cw/filesafdc.asp>

- Click here if the project involves more than one school; attach the remaining school information including school official signature and person to contact, if different, on a separate page

Project name: Cudahy Citywide - Pedestrian Crosswalk Improvement Project (SRTS)

V. PROJECT PROGRAMMING REQUEST

Applicant must complete a Project Programming Request (PPR) and attach it as part of this application. The PPR and can be found at http://www.dot.ca.gov/hq/transprog/allocation/ppr_new_projects_9-12-13.xls

PPR Instructions can be found at <http://www.dot.ca.gov/hq/transprog/ocip/2012stip.htm>

Notes:

- Fund No. 1 must represent ATP funding being requested for program years 2014/2015 and 2015/2016 only.
- Non-infrastructure project funding must be identified as Con and indicated as "Non-infrastructure" in the Notes box of the Proposed Cost and Proposed Funding tables.
- Match funds must be identified as such in the Proposed Funding tables.

Project name: Cudahy Citywide - Pedestrian Crosswalk Improvement Project (SRTS)

VI. ADDITIONAL INFORMATION
Only fill in those fields that are applicable to your project

FUNDING SUMMARY

ATP Funds being requested by Phase (to the nearest \$1000)	Amount
PE Phase (includes PA&ED and PS&E)	\$ 97,700
Right-of-Way Phase	\$
Construction Phase-Infrastructure	\$ 1,172,400
Construction Phase-Non-infrastructure	\$
Total for ALL Phases	\$ 1,270,100

All Non-ATP fund types on this project* (to the nearest \$1000)	Amount
	\$
	\$
	\$
	\$
	\$
	\$

*Must indicate which funds are matching

Total Project Cost	\$ 1,270,100
Project is Fully Funded	Yes

ATP Work Specific Funding Breakdown (to the nearest \$1000)	Amount
Request for funding a Plan	\$
Request for Safe Routes to Schools Infrastructure work	\$ 1,270,100
Request for Safe Routes to Schools Non-Infrastructure work	\$
Request for other Non-Infrastructure work (non-SRTS)	\$
Request for Recreational Trails work	\$

ALLOCATION/AUTHORIZATION REQUESTS SCHEDULE

	Proposed Allocation Date	Proposed Authorization (E-76) Date
PA&ED or E&P		
PS&E	02/01/2015	06/01/2015
Right-of-Way		
Construction	01/15/2016	04/01/2016

All project costs MUST be accounted for on this form, including elements of the overall project that will be, or have been funded by other sources.

Project name: Cudahy Citywide - Pedestrian Crosswalk Improvement Project (SRTS)

VIII. APPLICATION SIGNATURES

Applicant: The undersigned affirms that the statements contained in the application package are true and complete to the best of their knowledge.

Signature: *Michael Allen*
Name: MICHAEL ALLEN
Title: COMMUNITY DEV. DIRECTOR

Date: 5.20.14
Phone: 323 773-5143
e-mail: MA

Local Agency Official (City Engineer or Public Works Director): The undersigned affirms that the statements contained in the application package are true and complete to the best of their knowledge.

Signature: *Alexander*
Name: ALEXANDER
Title: ASSI. CITY ENGINEER

Date: 5.15.14
Phone: 323 773-5143
e-mail: ALEXANDER@CITYOF-CUDAHY.CA.GOV

School Official: The undersigned affirms that the school(s) benefited by this application is not on a school closure list.

Signature: _____
Name: _____
Title: _____

Date: _____
Phone: _____
e-mail: _____

Person to contact for questions:

Name: _____
Title: _____

Phone: _____
e-mail: _____

Caltrans District Traffic Operations Office Approval*

If the application's project proposes improvements on a freeway or state highway that affects the safety or operations of the facility, it is required that the proposed improvements be reviewed by the district traffic operations office and either a letter of support or acknowledgement from the traffic operations office be attached () or the signature of the traffic personnel be secured below.

Signature: _____
Name: _____
Title: _____

Date: _____
Phone: _____
e-mail: _____

*Contact the District Local Assistance Engineer (DLAE) for the project to get Caltrans Traffic Ops contact information. DLAE contact information can be found at <http://www.dot.ca.gov/hq/LocalPrograms/dlae.htm>

Project name:

Cudahy Citywide - Pedestrian Crosswalk Improvement Project (SRTS)

VIII. ADDITIONAL APPLICATION ATTACHMENTS

Check all attachments included with this application.

- Vicinity/Location Map- **REQUIRED for all IF Projects**
 - North Arrow
 - Label street names and highway route numbers
 - Scale

- Photos and/or Video of Existing Location- **REQUIRED for all IF Projects**
 - Minimum of one labeled color photo of the existing project location
 - Minimum photo size 3 x 5 inches
 - Optional video and/or time-lapse

- Preliminary Plans- **REQUIRED for Construction phase only**
 - Must include a north arrow
 - Label the scale of the drawing
 - Typical Cross sections where applicable with property or right-of-way lines
 - Label street names, highway route numbers and easements

- Detailed Engineer's Estimate- **REQUIRED for Construction phase only**
 - Estimate must be true and accurate. Applicant is responsible for verifying costs prior to submittal
 - Must show a breakdown of all bid items by unit and cost. Lump Sum may only be used per industry standards
 - Must identify all items that ATP will be funding
 - Contingency is limited to 10% of funds being requested
 - Evaluation required under the ATP guidelines is not a reimbursable item

- Documentation of the partnering maintenance agreement- Required with the application if an entity, other than the applicant, is going to assume responsibility for the operation and maintenance of the facility

- Documentation of the partnering implementation agreement-Required with the application if an entity, other than the applicant, is going to implement the project.

- Letters of Support from Caltrans (Required for projects on the State Highway System(SHS))

- Digital copy of or an online link to an approved plan (bicycle, pedestrian, safe routes to school, active transportation, general, recreation, trails, city/county or regional master plan(s), technical studies, and/or environmental studies (with environmental commitment record or list of mitigation measures), if applicable. Include/highlight portions that are applicable to the proposed project.

- Documentation of the public participation process (required)

- Letter of Support from impacted school- when the school isn't the applicant or partner on the application (required)

- Additional documentation, letters of support, etc (optional)



ACTIVE TRANSPORTATION PROGRAM CYCLE 1

APPLICATION Part 2

(Includes Narrative Sections II, III & IV)

II. PROJECT INFORMATION

(Please read the “ATP instructions” document prior to attaching your responses to all of the questions in Sections II. Project Information, Section III. Screening Criteria and Section IV. Narrative Questions - 20 pages max)

1. Project Location

In a community of 24,021 residents with 5,051 families having 81.4% of children enrolled in preschool – high school; the City of Cudahy’s Active Transportation Program - Cycle 1 application focuses on crosswalks directly in front and within the immediate vicinity of the schools located in the City of Cudahy. 1) Teresa Hughes Elementary School located at 4242 Clara Street; 2) Park Avenue Elementary School located at 8020 Park Avenue; 3) Elizabeth Learning Center located at 4811 Elizabeth Street; 4) Ellen Ochoa Learning Center located at 5027 Live Oak Street; and 5) Jaime Escalante Elementary School located at 4443 Live Oak Street. As well as the City access point to the LA River Pedestrian/Bike Path located on River Road adjacent to Clara Street and the 710 Freeway.

2. **Project Coordinates** Latitude Longitude
(Decimal degrees) (Decimal degrees)

3. Project Description

In order to accommodate the large population of pedestrians and bicyclist, the projects purpose is to address the immediate need by increasing the safety of all crosswalks directly in front and within the immediate vicinity of the five schools located in the City of Cudahy; as well as, increase safety and usage of the City’s access points to the LA River Pedestrian/Bike Path and other traffic calming measures. By improving safety and mobility, while increasing the number of pedestrian/bicycle trips the City intends to also reduce the amount of vehicular trips. In turn, this project will contribute to the reduction of greenhouse gas emissions. The project proposes the following upgrades: upgrade existing pedestrian crosswalks around schools as required per existing site conditions. This includes one or more of the following items: installation of Rectangular Rapid Flashing Beacons (RRFB), LED Crosswalk Warning System; Overhead signs and flashing beacons; In-road Warning Lights; Triple Four Crosswalk with reflective markers; Blinker sign pedestrian and bike path LED Warning System; Flashing stop signs; High visibility traffic striping with reflective markers; Signage; Construction of raised medians; Construction of curb extensions and/or bulb outs; Removal and re-construction of concrete wheelchair ramps for ADA compliance; redesign Drop-off/ Pick-up areas near schools to ensure pedestrian and bicyclist safety; and/ or other traffic calming measures as deemed necessary per site specific needs.

4. Project Status

The project is not expected to have any negative significant environmental impacts; on the contrary, the project will help contribute to the reduction of green houses gases by encouraging more walking in the City of Cudahy and reducing automobile trips. The project will not encounter any roadblocks with right-of-way certification or construction permits. Currently, there are preliminary Plan Specifications & Estimates (PS&E) in place.

III. SCREENING CRITERIA

1. Demonstrated Needs of the Applicant

Describe the need for the project and/or funding

The purpose of this infrastructure project is to enhance safety features on crosswalks directly in front and within the immediate vicinity of the five schools located in the city of Cudahy; as well as, the City access point to the LA River Pedestrian/Bike Path. Upgrades may include one or more of the following items: installation of Rectangular Rapid Flashing Beacons (RRFB), LED Crosswalk Warning System; Overhead signs and flashing beacons; In-road Warning Lights; Triple Four Crosswalk with reflective markers; Blinker sign pedestrian and bike path LED Warning System; Flashing stop signs; High visibility traffic striping with reflective markers; Signage; Construction of raised medians; Construction of curb extensions and/or bulb outs; Removal and reconstruction of concrete wheelchair ramps for ADA compliance; redesign Drop-off/ Pick-up areas near schools to ensure pedestrian and bicyclist safety; and/ or other traffic calming measures as deemed necessary per site specific needs.

The above mentioned improvements will increase pedestrian's mobility, access, distinctly separate pedestrians from vehicles, and improve the overall quality of service and safety. Current existing conditions per school are detailed below:

Ellen Ochoa Learning Center - *Existing Non-Controlled Mid-Block Pedestrian Crosswalk at Live Oak Street* - Non-controlled pedestrian crossing at mid block in an area of high levels of vehicle and pedestrian school traffic, limited visibility of in-roadway lights (IRWL), delay response of IRWL, insufficient number of IRWL, outdated and faded signs and traffic striping (to be upgraded per latest code and school zone regulations).

- *Existing Pedestrian Crosswalk at Live Oak St & Crafton St* – Limited visibility of in-roadway lights (IRWL), delay response of IRWL, insufficient number of IRWL, missing traffic/pedestrian signs, missing post for push button crossing, outdated and faded traffic striping (to be upgraded per latest code and school zone regulations).

- Morning data collection taking place on Wednesday April 23rd, 2014 from 7:30 – 8:05 a.m. observed 84 children and 42 adults. Of the total that walk or bike, 2.4% of children and 7.1% of adults illegally crossed the street.

- Afternoon data collection taking place on Tuesday April 29th, 2014 from 1:10 -1:40 p.m. observed 122 children and 20 adults. Of the total that walk or bike, 8.2% of children and 5% of adults illegally crossed the street. Lastly, 1 bicyclist was observed in the area.

Jaime Escalante Elementary School – No Pedestrian Crossing in front of school – Only Existing Speed Hump, there is high vehicle volume on Live Oak St, especially from traffic coming from and to Atlantic Ave the main arterial in our city. It was observed also that vehicles tend to speed at this zone, the street segment directly in front of the school is 10 feet wider than the rest of the street which makes the crossing more dangerous

due to the time needed to cross, the closest controlled pedestrian crossing is at Atlantic Ave which is approximately 350 feet away from the school which, is relatively far for students and parents.

- Morning data collection taking place on Wednesday April 23rd, 2014 from 7:30- 8:05 a.m. observed 46 children and 48 adults. Of the total that walk or bike, 48% of children and 60% of adults illegally crossed the street.

- Afternoon data collection taking place on Tuesday April 29th, 2014 from 1:20 -1:50 p.m. observed 143 children and 85 adults. Of the total that walk or bike, 10% of children and 16% of adults illegally crossed the street. Lastly, 12 bicyclists were observed in the area.

Elizabeth Learning Center - Existing Non-Controlled Mid-Block Pedestrian Crosswalk at Clara St - Non-controlled pedestrian crossing at mid block, limited visibility of in-roadway lights (IRWL), delay response of IRWL, insufficient number of IRWL, outdated and faded signs and traffic striping (to be upgraded per latest code and school zone regulations). ADA Ramps need to be upgraded per latest code and site conditions.

- *Existing Non-Controlled Mid-Block Pedestrian Crosswalk at Elizabeth St* - Non-controlled pedestrian crossing at mid block, limited visibility of in-roadway lights (IRWL), delay response of IRWL, ½ of the IRWL are broken and the other half IRWL don't work at all, push button at post is broken, outdated and faded signs and traffic striping (to be upgraded per latest code and school zone regulations).

- Morning data collection taking place on Wednesday April 23rd, 2014 from 7:30- 8:05 a.m. observed 533 children and 59 adults. Of the total that walk or bike, 2.4% of children and 15% adults illegally crossed the street. Lastly, 5 bicyclists were observed in the area.

- Afternoon data collection taking place on Tuesday April 29th, 2014 from 2:10 -2:30 p.m. observed 520 children and 53 adults. Of the total that walk or bike, 4.2% of children and 15% of adults illegally crossed the street. Lastly, 11 bicyclists were observed in the area.

Park Avenue Elementary – Existing Pedestrian Crosswalk at Santa Ana St & Park Ave - Limited visibility of in-roadway lights (IRWL), delay response of IRWL, insufficient number of IRWL, outdated and faded traffic striping (to be upgraded per latest code and school zone regulations), no truncated domes at existing ramps for ADA compliance.

- *Existing Pedestrian Crosswalk at Santa Ana St & Park Ave* - Limited visibility of in-roadway lights (IRWL), delay response of IRWL, insufficient number of IRWL, outdated and faded traffic striping (to be upgraded per latest code and school zone regulations), no truncated domes at existing ramps for ADA compliance.
- *Existing Pedestrian Crosswalk at Park Ave & Elizabeth St* - Limited visibility of in-roadway lights (IRWL), delay response of IRWL, insufficient number of IRWL, broken IRWL, outdated and faded traffic striping (to be upgraded per latest code and school zone regulations), no truncated domes for ADA compliance at existing ramps.

- *Existing Pedestrian Crosswalk at Park Ave & Elizabeth St* - Limited visibility of in-roadway lights (IRWL), delay response of IRWL, insufficient number of IRWL, broken IRWL, outdated and faded traffic striping (to be upgraded per latest code and school zone regulations), no truncated domes for ADA compliance at existing ramps.

- Morning data collection taking place on Wednesday April 29th, 2014 from 7:30- 8:05 a.m. observed 110 children and 63 adults. Of the total that walk or bike, 29% of children and 30% of adults illegally crossed the street. Lastly, 2 bicyclists were observed in the area.

- Afternoon data collection taking place on Tuesday April 29th, 2014 from 1:20 -1:50 p.m. observed 112 children and 64 adults observed. Of the total that walk or bike, 21% of children and 28% of adults illegally crossed the street. Lastly, 9 bicyclists were observed in the area.

Teresa Hughes Elementary School - Existing Controlled Mid-Block Pedestrian Crosswalk at Clara St - Controlled pedestrian crossing at mid block works properly. Signs and traffic striping are in regular condition showing signs of early fading (to be upgraded per latest code and school zone regulations). Traffic striping at Clara St and Otis St intersection is in regular condition but starting to show early signs of fading (to be upgraded per latest code and school zone regulations).

- Morning data collection taking place on Wednesday April 23rd, 2014 from 7:30- 8:05 a.m. observed 105 children and 76 adults. Of the total that walk or bike, 11% of children and 24% of adults illegally crossed the street. Lastly, 5 bicyclists were observed in the area.

- Afternoon data collection taking place on Wednesday April 23rd, 2014 from 2:15 – 2:35 p.m. observed 143 children and 74 adults. Of the total that walk or bike, 15% of children and 12% of adults illegally crossed the street. Lastly, 1 bicyclist was observed in the area.

City access point to the LA River Pedestrian/Bike Path - Existing Pedestrian Crosswalk at River Road & Clara and Service Roads – Limited visibility of in-roadway lights (IRWL), delay response of IRWL, insufficient number of IRWL, broken IRWL, missing IRWL, outdated and faded traffic striping (to be upgraded per latest code and applicable regulations).

- Morning data collection taking place on Wednesday May 7th, 2014 from 7:35 - 8:05 a.m. observed 31 children and 32 adults. Of the total that walk or bike, 96.8% of children and 22% of adults did not use the crosswalk leading up the LA River Pedestrian/Bike Path. Lastly, 17 bicyclists were observed entering and existing LA River access point.

- Afternoon data collection taking place on Wednesday May 7th, 2014 from 2:10 – 2:35 p.m. observed 12 children and 15 adults observed. Of the total that walk or bike, 75% of children and 34% of adults did not use the crosswalk leading up the LA River

Pedestrian/Bike Path. Lastly, 3 bicyclists were observed entering and existing LA River access point.

2. Consistency with Regional Transportation Plan (100 words or less)

Explain how this project is consistent with your Regional Transportation Plan (if applicable). Include adoption date of the plan.

The City of Cudahy is part of the Southern California Association of Governments (SCAG); SCAG's Regional Council adopted the Regional Transportation Plan 2012-2035 on April 4th 2012. The proposed scope of work in this application is consistent with the desired goals in SCAG's Regional Transportation Plan: Goal 1, increase active transportation usage; Goal 2, decrease bicyclist and pedestrian fatalities and injuries; Goal 3, develop an active transportation-friendly environment; and Goal 4, encourage the development of local active transportation plans.

IV. NARRATIVE QUESTIONS

1. POTENTIAL FOR INCREASED WALKING AND BICYCLING, ESPECIALLY AMONG STUDENTS, INCLUDING THE IDENTIFICATION OF WALKING AND BICYCLING ROUTES TO AND FROM SCHOOLS, TRANSIT FACILITIES, COMMUNITY CENTERS, EMPLOYMENT CENTERS, AND OTHER DESTINATIONS; AND INCLUDING INCREASING AND IMPROVING CONNECTIVITY AND MOBILITY OF NON-MOTORIZED USERS. (0-30 POINTS)

A. Describe how your project encourages increased walking and bicycling, especially among students.

The project's main focus is to improve the pedestrian crosswalks directly in front and within the immediate vicinity of the five schools located in the city of Cudahy; as well as access point which connects directly to the LA River Pedestrian/Bike Path along River Road adjacent to Clara Street and the 710 freeway. The project is expected to create visual buffer zones that will distinctly separate vehicles from pedestrians further contributing to traffic accidents, which in turn will increase walkability within the City boundaries by promoting safer routes for children and parents arriving to and from school.

The proposed improvements are expected to enhance safety features for pedestrians and make vehicles more aware of intersections where caution must be taken to ensure pedestrian safety and reduce the potential of traffic accidents. The improvements are listed as follows: installation of Rectangular Rapid Flashing Beacons (RRFB), LED Crosswalk Warning System; Overhead signs and flashing beacons; In-road Warning Lights; Triple Four Crosswalk with reflective markers; Blinker sign pedestrian and bike path LED Warning System; Flashing stop signs; High visibility traffic striping with reflective markers; Signage; Construction of raised medians; Construction of curb extensions and/or bulb outs; Removal and reconstruction of concrete wheelchair ramps for ADA compliance; Create Drop-off/ Pick-up areas near schools; and/ or other traffic calming measures as deemed necessary per site specific needs.

In order to increase visibility of crosswalks the project will implement the proposed upgrades which will enhance walkability around the City of Cudahy schools and LA River bike path further encouraging pedestrians, especially students to walk to school due to the enhanced safety features. This will also reduce the need of parents to drive their children and drop them off directly in front of the school further contributing to the reduction of Greenhouse gas emissions.

B. Describe the number and type of possible users and their destinations, and the anticipated percentage increase in users upon completion of your project. Data collection methods should be described.

According to the most recent Census data (2008-2012 American Community Survey) 84.4% of people over the age of 16 commute of which only 3.6% walk to their destination. Furthermore, during a two-week span starting on April 21st – May 2nd 2014, the City of Cudahy received help through the California State University, Pomona's Urban & Regional Planning program to help collect pedestrian data along the City's five schools. Some of the criteria included counting the amount of pedestrians utilizing the existing crosswalks along with other pertinent information which included a tally of adults and children who use the crosswalks, those who did not use the crosswalk, bicyclist in the area, and vehicular congestion. A team of seven Cal Poly Pomona students from a class titled URP 337: *Planning Public Infrastructure Service Learning* collected data on all five schools during two shifts; morning rush from 7:30 – 8:05 a.m. and afternoon rush from 2:10 – 2:40 p.m.; with the exception of Tuesdays which took place at 1:10 – 1:40 p.m. due to schools early release day. The number of user is detailed below:

Elizabeth Learning Center – Morning data collection took place on Wednesday April 23rd, 2014 from 7:30- 8:05 a.m. There were 533 children and 59 adults observed. Of the total that walk or bike, 2.4% of children and 15% adults illegally crossed the street. Lastly, 5 bicyclists were observed in the area.

Afternoon data collection took place on Tuesday April 29th, 2014 from 2:10 -2:30 p.m. There were 520 children and 53 adults observed. Of the total that walk or bike, 4.2% of children and 15% of adults illegally crossed the street. Lastly, 11 bicyclists were observed in the area.

Ellen Ochoa Learning Center – Morning data collection took place on Wednesday April 23rd, 2014 from 7:30 – 8:05 a.m. There were 84 children and 42 adults observed. Of the total that walk or bike, 2.4% of children and 7.1% of adults illegally crossed the street.

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Afternoon data collection took place on Wednesday April 23rd, 2014 from 2:15 – 2:35 p.m. There were 143 children and 74 adults observed. Of the total that walk or bike, 15% of children and 12% of adults illegally crossed the street. Lastly, 1 bicyclist was observed in the area.

City Access point to the LA River Pedestrian/Bike Path – Morning data collection took place on Wednesday May 7th, 2014 from 7:35 - 8:05 a.m. There were 31 children and 32 adults observed. Of the total that walk or bike, 96.8% of children and 22% of adults did not use the crosswalk leading up the LA River Pedestrian/Bike Path. Lastly, 17 bicyclists were observed entering and existing LA River access point.

Afternoon data collection took place on Wednesday May 7th, 2014 from 2:10 – 2:35 p.m. There were 12 children and 15 adults observed. Of the total that walk or bike, 75% of children and 34% of adults did not use the crosswalk leading up the LA River Pedestrian/Bike Path. Lastly, 3 bicyclists were observed entering and existing LA River access point.

The targeted users of this Grant are pedestrians and bicyclist; especially students and parents walking to schools which were identified during the data collection phase gathered by the Cal Poly Pomona students and City Staff. The City is expecting to further increase the numbers of pedestrians who use the designated pedestrian crosswalks by an average of 14% of children and 25% of adults (those who currently illegally cross the street); while reducing the potential of pedestrian/bicyclist involved traffic accidents, with the implementation of the proposed safety features.

- C. Describe how this project improves walking and bicycling routes to and from, connects to, or is part of a school or school facility, transit facility, community center, employment center, state or national trail system, points of interest, and/or park.

The proposed scope of work for the project will improve walking and bicycling routes to and from school facilities, and the access to the LA River Bike/Pedestrian Path located within the City of Cudahy 1.1 square mile boundaries. The proposed scope of work will enhance safety features along the pedestrian crosswalks directly in front and within the immediate vicinity of the five schools located in the city of

Cudahy; as well as, the City's access point which connects directly to the LA River Pedestrian/Bike Path. The City of Cudahy has 3-access point to the LA River Bike/Pedestrian Path running parallel with the 710 freeway. The entire LA River Bike/Pedestrian Path is composed of two segments that do not connect with each other except by City streets. The longest section of the LA River Bike/Pedestrian Path begins in the City of Long Beach and culminates on the North side of Griffith Park in the City of Los Angeles.

The scope of work is detailed as follows: upgrade existing pedestrian crosswalks around schools as required per existing site conditions. This may include one or more of the following items: installation of Rectangular Rapid Flashing Beacons (RRFB) LED Crosswalk Warning System; Overhead signs and flashing beacons; In-road Warning Lights; Triple Four Crosswalk with reflective markers; Blinker sign pedestrian and bike path LED Warning System; Flashing stop signs; High visibility traffic striping with reflective markers; Signage; Construction of raised medians; Construction of curb extensions and/or bulb outs; Removal and re-construction of concrete wheelchair ramps for ADA compliance; Create Drop-off/ Pick-up areas near schools; and/ or other traffic calming measures as deemed necessary per site specific needs.

The previously mentioned scope of work will increase safety by proving a higher visibility of crosswalks, create a buffer zone / barrier between pedestrians and vehicles. This in turn will encourage pedestrian activity and help mitigate against green house gas emissions by the reducing the amount of vehicle trips taken by parents having the need to drive their children and dropping them off directly in front of the school. The increased visibility will also be provided in the crosswalk leading directly into the access point of the LA River Pedestrian/Bike Path.

D. Describe how this project increases and/or improves connectivity, removes a barrier to mobility and/or closes a gap in a non-motorized facility.

The project will increase/improve connectivity by proving a higher visibility and enhanced safety features at the pedestrian crosswalks directly in front and within the immediate vicinity of the five schools located in the city of Cudahy; as well as, the City access point which connects directly to the LA River Pedestrian/Bike Path. The upgrades will create visual buffer zones between pedestrian and vehicles which will improve connectivity between adjacent streets by providing pedestrians with adequate time to cross the streets and warn vehicles. The project will seek to reduce pedestrian involved traffic accidents with the creation of visual buffer zones that will distinctly separate pedestrians from vehicles.

The five schools in the City are immediately surrounded by a High Density Residential zone; three out of the five schools in the City have a direct access to the LA River Bike/Pedestrian Path via Clara Street and River Road. The remaining two schools are approximately ½ mile and 1 mile away from the LA River Pedestrian/Bike Path respectively. By improving the pedestrian crosswalk the Project will further increase mobility to and from schools and provide safer routes to and from residential zones and the LA River Pedestrian/Bike Path.

- Projects with significant potential- 21 to 30 points
- Projects with moderate potential- 11 to 20 points
- Projects with minimal potential- 1 to 10 points
- Projects with no potential- 0 points

IV. NARRATIVE QUESTIONS- continued

2. POTENTIAL FOR REDUCING THE NUMBER AND/OR RATE OF PEDESTRIAN AND BICYCLIST FATALITIES AND INJURIES, INCLUDING THE IDENTIFICATION OF SAFETY HAZARDS FOR PEDESTRIANS AND BICYCLISTS. (0-25 POINTS)

A. Describe the potential of the project to reduce pedestrian and/or bicycle injuries or fatalities.

The proposed project has the potential to significantly reduce pedestrian and/or bicycle injuries or fatalities. The proposed scope of work for this project will increase visibility in pedestrian crosswalks directly in front and within the immediate vicinity of the five schools located in the city of Cudahy; as well as, the City access point which connects directly to the LA River Pedestrian/Bike Path. The upgrades will be creating visual buffer zones at the previously mentioned crosswalk further increasing safety which will significantly reduce the occurrence of pedestrian and/or bicyclist involved traffic accidents.

Over the past couple of years there have been 79 traffic related incidents of which 37% directly involved pedestrians/bicyclist. Other collisions were caused by outdated and faded traffic signals and signs, unsafe speeds, etc. The projects proposed improvements will help mitigate and reduce the amount of traffic accidents occurring within the City boundaries and provide safer access routes as children and parents walk to and from school.

B. Describe if/how your project will achieve any or all of the following:

o Reduces speed or volume of motor vehicles

The construction of curb extensions and/or bulb-outs will reduce speeds (especially right-turning vehicles) and traffic volumes. Also, upgrading the City's current traffic signage e.i. speed limit, school zone, and pedestrian crossing ahead will all contribute to a reduction of speed by motor vehicles. Lastly, the construction of Raised Crosswalks encourages lower travel speeds by providing visual and tactile feedback when approaching the crosswalk.

o Improves sight distance and visibility

The construction of curb extensions and/or bulb-outs will shorten the crossing distance for pedestrians; improve pedestrian circulation and standing space on sidewalk area. The installation of Rectangular Rapid Flashing Beacons (RRFB) LED Crosswalk Warning System; Overhead signs and flashing beacons; In-road Warning Lights; Blinker sign pedestrian and bike path LED Warning System; Flashing stop signs; and High visibility traffic striping with reflective markers; will all improve the sight distance and visibility at the City's pedestrian crosswalk locations. The above mentioned improvements will focus crossing pedestrians at single locations.

o Improves compliance with local traffic laws

Rectangular Rapid Flashing Beacons (RRFB) LED Crosswalk Warning System; Overhead signs and flashing beacons; In-road Warning Lights; Blinker sign pedestrian and bike path LED Warning System; Flashing stop signs; and High visibility traffic striping with reflective markers will increase the number of drivers yielding for pedestrians. The construction of Curb Extensions will make it difficult for drivers to turn illegally. The construction of Raised Crosswalks encourages lower travel speeds by providing visual and tactile feedback when approaching the crosswalk.

o Eliminates behaviors that lead to collisions

Overhead Flashing Beacons (blinking lights) during pedestrian crossing times will reduce the amount of pedestrian vehicle conflicts. The In-Roadway Warning Lights will provide a dynamic visual cue which is increasingly effective in bad weather; this will protect pedestrians during evening hours or dark rainy days. The construction of Curb Extensions will make it difficult for drivers to turn illegally; the construction of Raised Crosswalks encourages lower travel speeds by providing visual and tactile feedback when approaching the crosswalks which lead to traffic

collisions. Traffic stripping (marked crosswalks) improves walkability and reduces jaywalking. Pedestrian countdown signals will increase pedestrian awareness and allows them the flexibility to know when it's safe to cross or when the pedestrian phase is about to expire; this will significantly reduce the possibility of pedestrian/automobile collisions.

o Addresses inadequate traffic control devices

All of the projects proposed improvements will contribute in addressing the inadequacy of current traffic control devices. By upgrading all of the City's outdated and faded traffic stripping and signage as well as by the installation of new overhead lighting, raised crosswalks, curb extensions etc the project will improve the level of quality and service of traffic control devices.

o Addresses inadequate bicycle facilities, crosswalks or sidewalks

By upgrading the crosswalks with the installation of overhead lighting, updated traffic signage, curb extensions, raised crosswalks, and upgrade the ADA ramps the project will contribute in addressing the inadequacy of current crosswalks. Furthermore, by improving the City's access point which connects directly to the LA River Pedestrian/Bike Path; the upgrades will be creating visual buffer zones increasing safety which will significantly improve the City's crosswalks and bicycle connectivity.

C. Describe the location's history of events and the source(s) of data used (e.g. collision reports, community observation, surveys, audits) if data is not available include a description of safety hazard(s) and photos.

A portion of the collision data and recommendations were based on "City of Cudahy of Pedestrian Safety Assessment" report prepared on June 13, 2013 by University of California Berkeley, Institute of Transportation Studies. Some of the highlighted traffic safety concerns were collisions involving; pedestrians, pedestrians younger than 15 years of age, and hit and run. The top six pedestrian-vehicle collision injury locations in Cudahy (2008-2010) where; Elizabeth Street & Atlantic Avenue, Santa Ana Street & Atlantic Ave, Elizabeth Street & Wilcox Avenue, Clara Street & Wilcox Avenue, Crafton Avenue & Live Oak Street, Atlantic Avenue & Live Oak Street all with 2 pedestrian-involved collision injuries.

California State Polytechnic University, Pomona provided the City with recommendations based on data collections where they identified the amount of pedestrians (students/adults) that use the existing pedestrian crosswalks through their Planning Program Class URP 337: *Planning Public Infrastructure Service Learning*. (The results are summarized on narrative question 1B in the preceding section).

The majority of the data concerning traffic collisions was collected through (tims.berkeley.edu) Transportation Injury Mapping System (TIMS) from January 1, 2003 – December 31, 2012. TIMS database provide the City with the following information: 36 incidents, 54 injuries and 1 fatality. Out of the 36 incidents 36% directly involved pedestrians/bicyclist.

Los Angeles County Sheriff's Department provided the City with the traffic collision data from January 1, 2013 – March 30, 2014 (most recent data). Their database yields the following results: 43 incidents, 43 injuries and 0 fatalities. Out of the 43 incidents <1% directly involved pedestrians/bicyclist.

Other collisions were cause by outdated and faded traffic signals and sign, unsafe speeds, etc. The projects proposed improvements will help mitigate and reduce the amount of traffic accidents occurring within the City boundaries and provide safer access routes as children and parents walk to and from school.

- Projects with significant potential- 16 to 25 points
- Projects with moderate potential- 8 to 15 points
- Projects with minimal potential- 1 to 7 points
- Projects with no potential- 0 points

IV. NARRATIVE QUESTIONS- continued

3. PUBLIC PARTICIPATION and PLANNING (0-15 POINTS)

- A. Describe the community based public participation process that culminated in the project proposal or plan, such as noticed meetings/public hearings, consultation with stakeholders, etc.

The City of Cudahy conducted a walking audit in cooperation with the University of California Berkeley titled; "*City of Cudahy Pedestrian Safety Assessment*" the report was prepared on June 13, 2013. The report produced field audits to identify problem areas and a series of workshops engaged Cudahy residents and allowed them the opportunity to voice their concerns. Funding for the report was provided by a grant from the California Office of Traffic Safety, through the National Highway Traffic Safety Administration. The City used the data and recommendations prepared on this report to prepare the scope of work for the current ATP Grant.

As a result of the City of Cudahy Pedestrian Safety Assessment a Town Hall meeting was held on April 23, 2014 where City staff gave a presentation of the proposed scope work and general overview of the ATP grant and allowed residents the opportunity to voice their concerns and were also advice to visit staff at City Hall to further discuss the project.

More recently from April 21st – May 2nd 2014, California State Polytechnic University, Pomona's Urban and Regional Planning Class conducted field audits, made recommendations, and received feedback from parents and crossing guards.

- B. Describe the local participation process that resulted in the identification and prioritization of the project:

Based on local participation and community Feedback received during City of Cudahy Pedestrian Safety Assessment field audits, and a Town Hall meeting, City Staff identified a series of improvements that were site specific according to the need of each location. These community based audits and workshops resulted in the prioritization of immediate improvements of crosswalks to increase signage and visibility.

- C. Is the project cost over \$1 Million? Y/N Y

If Yes- is the project Prioritized in an adopted city or county bicycle transportation plan, pedestrian plan, safe routes to school plan, active transportation plan, trail plan, circulation element of a general plan, or other publicly approved plan that incorporated elements of an active transportation plan? Y/N N

- Projects with substantial participation of community members- 11 to 15 points
- Projects with moderate participation of community members - 6 to 10 points
- Projects with minimal participation of community members- 1 to 5 points
- Projects with no participation of community members- 0 points

IV. NARRATIVE QUESTIONS- continued

4. COST EFFECTIVENESS (0-10 POINTS)

- A. Describe the alternatives that were considered. Discuss the relative costs and benefits of all the alternatives and explain why the nominated one was chosen.

The following are the alternatives that were considered and a brief description of them:

- School Crossing-guard and Code Enforcement Program: The alternative of providing school crossing-guards at all existing pedestrian crosswalks at and around schools was considered as a solution to provide safe crossing to children and parents. This alternative was not selected because of the high traffic volume accumulated in front of schools and around the area, which makes it almost impossible for one or two crossing-guards to control all traffic, especially during peak hours. In addition it was found during the data collection phase that drivers do not respect or follow crossing-guard instructions. It was observed that Municipal Officers were also unable to control the high pedestrian and vehicle volume at and around schools. Currently the City spends about \$40,000 per year to pay crossing-guards service at only a few schools and at limited hours. In order to provide all schools with crossing-guards at different schedules assisted with Municipal Officers, the City estimates that it will cost approximately \$100,000 per year with very limited benefits to improve the overall safety. In addition, this will be an ongoing cost for the City. As a result, the City is working with local Law Enforcement to address traffic violations on an ongoing basis.
- Replace Existing Pedestrian Crosswalks with the same existing technology: The option of just replacing the existing pedestrian crosswalks with the same technology was considered as a means to provide a solution that doesn't involve much modification to the existing field conditions. This alternative was not selected because the existing school crosswalks consist of unreliable in-road lighting, low visibility, and inadequate traffic stripping which has proven to function improperly and in many years it has not solved or helped to increase pedestrian safety. In addition it was observed that children and parents get confused when they stand on the sidewalk trying to activate the in-road lights and they don't respond or don't work at all creating chaos and confusion for both pedestrians and drivers. The in-road warning lights installed many years ago is an old unreliable technology that didn't work properly since the initial installation. Also the system was not accompanied by another traffic calming measure such as "flashing beacons" to make it more efficient. The City estimated that the benefit received by just replacing the existing system/technology is not worth the money needed to replace it. Based on construction and manufactures estimates it was found that with more investment the existing pedestrian crosswalks can be upgraded with new reliable technology that will have a significant impact in improving safety.
- Provide Medians and Pedestrian Refugee Islands: The option of providing/constructing medians, and or pedestrian refugee islands as a means to improve safe pedestrians crossing at existing crosswalks at schools and surrounding areas was considered and analyzed closely by the City. The main objective for these measures is to shorten the crossing distance for pedestrians. Based on the following analysis these are the City's findings: refugee islands should be claws of obstructions and have adequate drainage with minimum standard dimensions; however, most of the locations are not wide enough to accommodate these improvements. Therefore this alternative was not selected. In addition, per preliminary construction estimates the above mentioned improvements are costly compared to the expected benefits.
- Provide Full Traffic Light / Signalized Intersections or Stop Controlled Approaches: The option of installing full traffic lights, signalized intersections or stop controlled intersections at all locations was considered as another alternative to improve safety at existing pedestrian crosswalks at school and surrounding areas. In fact, there are a number of innovative treatments for pedestrians at signalized intersections, mostly related to pedestrian signals. Although this alternative represents full control of the pedestrian crosswalk intersections and provides the safest method/system available for children and parents; this alternative was not chosen due two main factors. (1) Traffic warrants and traffic engineering studies are required to fully justify the installation of a traffic light and or stop controlled approaches. (2) Full traffic lights are quite an expensive solution to increase safety at pedestrian crosswalks. Although, this alternative provides full pedestrian crosswalk control and safety it is expensive to implement at all locations with an average cost of \$100,000 to \$120,000 per location.

- The chosen proposed scope of work is: upgrade existing pedestrian crosswalks around schools as required per existing site conditions. This includes one or more of the following items: installation of Rectangular Rapid Flashing Beacons (RRFB), LED Crosswalk Warning System; Overhead signs and flashing beacons; In-road Warning Lights; Triple Four Crosswalk with reflective markers; Blinker sign pedestrian and bike path LED Warning System; Flashing stop signs; High visibility traffic striping with reflective markers; Signage; Construction of raised medians; Construction of curb extensions and/or bulb outs; Removal and re-construction of concrete wheelchair ramps for ADA compliance; redesign Drop-off/ Pick-up areas near schools to ensure pedestrian and bicyclist safety; and/ or other traffic calming measures as deemed necessary per site specific needs.

The above scope of work was chosen to be the most appropriate way to provide Safe Routes to Schools throughout the City. The scope of work consists of a combination of several traffic calming measures as deemed necessary for every improvement location proposed. Every site / location and school was analyzed in detail to come out with the most cost effective and technically feasible solution to fully implement pedestrian crosswalk guidelines and recommendations per standard applicable codes and City specific – City of Cudahy Pedestrian Safety Assessment - (issues, opportunities, and enhancement strategies) prepared by the University of Berkeley Institute of Transportation Studies (Technology Transfer Program) as well as, workshops held during a Town Hall meeting; the proposed improvements encompass/focus/include all the recommendations given to the City in the above mentioned pedestrian assessment and workshops. In addition the City personnel researched other innovative traffic calming solutions and incorporated recommendations guidelines and standards from pedestrian friendly cities that have master pedestrian and bike plans in place and that have proven to be effective in their jurisdictions (e.g. City of Sacramento, San Francisco, and Stockton).

Another valuable source of information was traffic device manufactures and contractors familiar with this type of work; with this information the City was able to select/propose what City staff believes is the most appropriate (scope of work) improvements while getting the most benefits for the cost of such improvements. In comparison with other alternatives considered the proposed scope of work closely matches the recommendations provided in the Pedestrian Safety Assessment; while getting the most benefit per project cost.

- B. Calculate the ratio of the benefits of the project relative to both the total project cost and funds requested (i.e., $\frac{\text{Benefit*}}{\text{Total Project Cost}}$ and $\frac{\text{Benefit*}}{\text{Program Funds Requested}}$).

The Benefit Cost calculation was prepared with the aid of Transportation Injury Mapping System (TIMS) provided by tims.berkeley.edu/tools. The City selected the top three countermeasures that best encompass the overall scope of work (add intersection lighting, install flashing beacons as advance warning, install pedestrian crossing) for the proposed project. The Benefit Cost Results (summary sheet is attached) indicates a Total Benefit of \$6,633,444 / Total Cost of \$1,270,100 = B/C Ratio of 5.22.

*Benefits must directly relate to the goals of the Active Transportation Program.

- Applicant considers alternatives and exceptionally justifies the project nominated - 5 points
- Applicant considers alternatives and adequately justifies the project nominated - 3 to 4 points
- Applicant considers alternatives and minimally justifies the project nominated - 1 to 2 points
- Applicant did not consider alternatives or justify the project nominated - 0 points

- Applicant logically described how project benefits were quantified and has a benefit-cost ratio greater than 1 - 5 points
- Applicant logically described how project benefits were quantified and has benefit-cost ratio less than 1- 3 points
- Applicant did not logically describe how project benefits were quantified - 0 points

IV. NARRATIVE QUESTIONS- continued

5. IMPROVED PUBLIC HEALTH (0-10 points)

- A. Describe how the project will improve public health, i.e. through the targeting of populations who have a high risk factor for obesity, physical inactivity, asthma, or other health issues.

The project seeks to reduce the rates of obesity through encouraged walking with the improvements to the City's pedestrian's crosswalks and direct access to the LA River Bike/Pedestrian Path. According to an article published by *Allison L. Diamant, MD, MSHS, et al* titled "*Obesity and Diabetes: Two Growing Epidemics in California,*" Obesity and diabetes disproportionately affect people of color, the poor and those with the least education in California. The City of Cudahy is composed of a 96% Latino community, with a low educational attainment with the majority of the community having less than a high school education at 39.8% of its population. Furthermore, the City of Cudahy is part of the Los Angeles County where there exists a prevalence of obesity at a rate of 20-24% according to UCLA Center for Health Policy Research.

Another study conducted in 2010 by UCLA Health Policy Research titled "*Overweight and Obesity among Children by California Cities*" the study identified 49.5% of Cudahy children to be overweight/obese. "Overweight and obesity are associated with serious health risks in children and adolescents, including an increased risk for high cholesterol and high blood pressure (indicators of cardiovascular disease), high fasting insulin (an early indicator of diabetes risk), and a variety of musculoskeletal disorders". The project will seek to reduce these numbers by encouraging walking within City of Cudahy boundaries by providing safer pedestrian crossing which will create safer routes for children and parents to walk to and from school; further reducing their automobile dependence. Furthermore, based on calculations done with Health Economic Assessment Tool (HEAT) if a person spends at least 30 minutes a day walking is likely to lead to a reduction in the risk of mortality by 23%; the project seeks to encourage walking to and from school by both parents and adults to help contribute to these reduction rates.

- Applicant exceptionally described how the project will improve public health and addresses high risk populations- 7 to 10 points
- Applicant adequately described how the project will improve public health and addresses high risk populations - 4 to 6 points
- Applicant minimally described how the project will improve public health - 1 to 3 points
- Applicant did not describe how the project will improve public health - 0 points

IV. NARRATIVE QUESTIONS- continued

6. **BENEFIT TO DISADVANTAGED COMMUNITIES** (0-10 points)

A. I. Is the project located in a disadvantaged community? Y/N Y

II. Does the project significantly benefit a disadvantaged community? Y/N Y

a. Which criteria does the project meet? (Answer all that apply)

- o Median household income for the community benefited by the project: \$39,263
- o California Communities Environmental Health Screen Tool (CalEnvironScreen) score for the community benefited by the project: Top 5% with 51.18
- o For projects that benefit public school students, percentage of students eligible for the Free or Reduced Price Meals Programs: Jaime Escalante 79.27%, Elizabeth Learning Center 85.36%, Park Avenue Elementary 93.21%, Teresa Hughes Elementary 88.38%, Ellen Ochoa Learning Center 83.42%

b. Should the community benefitting from the project be considered disadvantaged based on criteria not specified in the program guidelines? If so, provide data for all criteria above and a quantitative assessment of why the community should be considered disadvantaged.

N/A

B. Describe how the project demonstrates a clear benefit to a disadvantaged community and what percentage of the project funding will benefit that community, for projects using the school based criteria describe specifically the school students and community will benefit.

The Project meets all specified criteria to benefit a disadvantaged community. The median household income is less than 80% of the statewide median based on the most current census tract level data from the American Community Survey. Cudahy median income is \$39,263 while the statewide median income is \$61,400.

The project area is identified as among the most disadvantaged 10% in the state according to latest versions of the California Communities Environmental Health Screening Tool (CalEnviroScreen) scores. Cudahy is in the top 5% with a score of 51.18.

All five schools in the City of Cudahy have at least 75% of public school students in the project area that are eligible to receive free or reduced price meals under the National School Lunch Program. Jaime Escalante 79.27%; Elizabeth Learning Center 85.36%, Park Avenue Elementary 93.21%, Teresa Hughes Elementary 88.38%, Ellen Ochoa Learning Center 83.42%.

100% of the project funding will benefit the disadvantaged community being that all of the projects scope of work will focus within City boundaries specifically all pedestrian crosswalks in front of the five schools and within the immediate vicinity.

- Project clearly and significantly addresses health, safety, and/or infrastructure challenges in the disadvantaged community- 5 points
- Project adequately addresses health, safety, and/or infrastructure challenges in the disadvantaged community - 3 points
- Project minimally addresses health, safety, and/or infrastructure challenges in the disadvantaged community - 1 points

- 80% to 100% of project funding benefits the disadvantaged community- 5 points
- 60% to 79% of project funding benefits the disadvantaged community- 4 points
- 40% to 59% of project funding benefits the disadvantaged community- 3 points
- 20% to 39% of project funding benefits the disadvantaged community- 2 points
- 1% to 19% of project funding benefits the disadvantaged community- 1 points
 - 0% of project benefits the disadvantaged community- 0 points

IV. NARRATIVE QUESTIONS- continued

7. USE OF CALIFORNIA CONSERVATION CORPS (CCC) OR A CERTIFIED COMMUNITY CONSERVATION CORPS (0 to -5 points)

The applicant must send the following information to the CCC and CALCC prior to application submittal to Caltrans:

Project Description Project Map	Detailed Estimate Preliminary Plan	Project Schedule
------------------------------------	---------------------------------------	------------------

The corps agencies can be contacted at:
California Conservation Corps at: www.ccc.ca.gov
Community Conservation Corps at: <http://calocalcorps.org>

- A. The applicant has coordinated with the CCC to identify how a state conservation corps can be a partner of the project. Y/N Y
 - a. Name, e-mail, and phone # of the person contacted and the date the information was submitted to them. Virginia Clark Region Deputy, virginia.clark@ccc.ca.gov, 5/12/2014.

- B. The applicant has coordinated with a representative from the California Association of Local Conservation Corps (CALCC) to identify how a certified community conservation corps can be a partner of the project. Y/N N
 - a. Name, e-mail, and phone # of the person contacted and the date the information was submitted to them. N/A, calocalcorps@gmail.com, 5/12/2014.

- C. The applicant intends to utilize the CCC or a certified community conservation corps on all items where participation is indicated? Y/N N

I have coordinated with a representative of the CCC; and the following are project items that they are qualified to partner on:

Per Virginia Clark, the CCC is not opting to partner with the City in this ATP Project.

I have coordinated with a representative of the CALCC; and the following are project items that they are qualified to partner on:

N/A. CALCC manage scarce resources, conserve energy, reduce greenhouse gas emissions, and provide cost-effective solutions.

Points will be deducted if an applicant does not seek corps participation or if an applicant intends not to utilize a corps in a project in which the corps can participate*.

- The applicant intends to partner with a conservation corps to the maximum extent possible- 0 points
- The applicant did not seek partnership with a conservation corps, or indicated that they do not intend to partner with the corps to the maximum extent possible- (-)5 points

**If the applicant has indicated intended use of the CCC or CALCC in the approved application, a copy of the agreement between the implementing agency and the CCC or CALCC must be provided by the implementing agency, and will be incorporated as part of the original application, prior to request for authorization of funds for construction.*

IV. NARRATIVE QUESTIONS- continued

8. APPLICANT'S PERFORMANCE ON PAST GRANTS (0 to -10 points)

- A. Describe any of your agency's ATP type grant failures during the past 5 years, and what changes your agency will take in order to deliver this project.

The City of Cudahy unsuccessfully applied for a SRTS Grant two years ago in 2012; due to a lack of data, lack of a pedestrian/bicyclist count, poor public outreach, broad scope of work, and insufficient traffic data; all of which contributed to a poor and inaccurate assessment consequently, funds were not awarded.

For this Active Transportation Program Cycle 1 Grant application the City of Cudahy produced a report in cooperation with the University of California Berkeley titled; "*City of Cudahy Pedestrian Safety Assessment*" the report was prepared on June 13, 2013. The report produced data through field audits, engaged the community through workshops, and most importantly a series of recommendation were presented, which the City of Cudahy has taken into consideration in preparing the scope of work for this project.

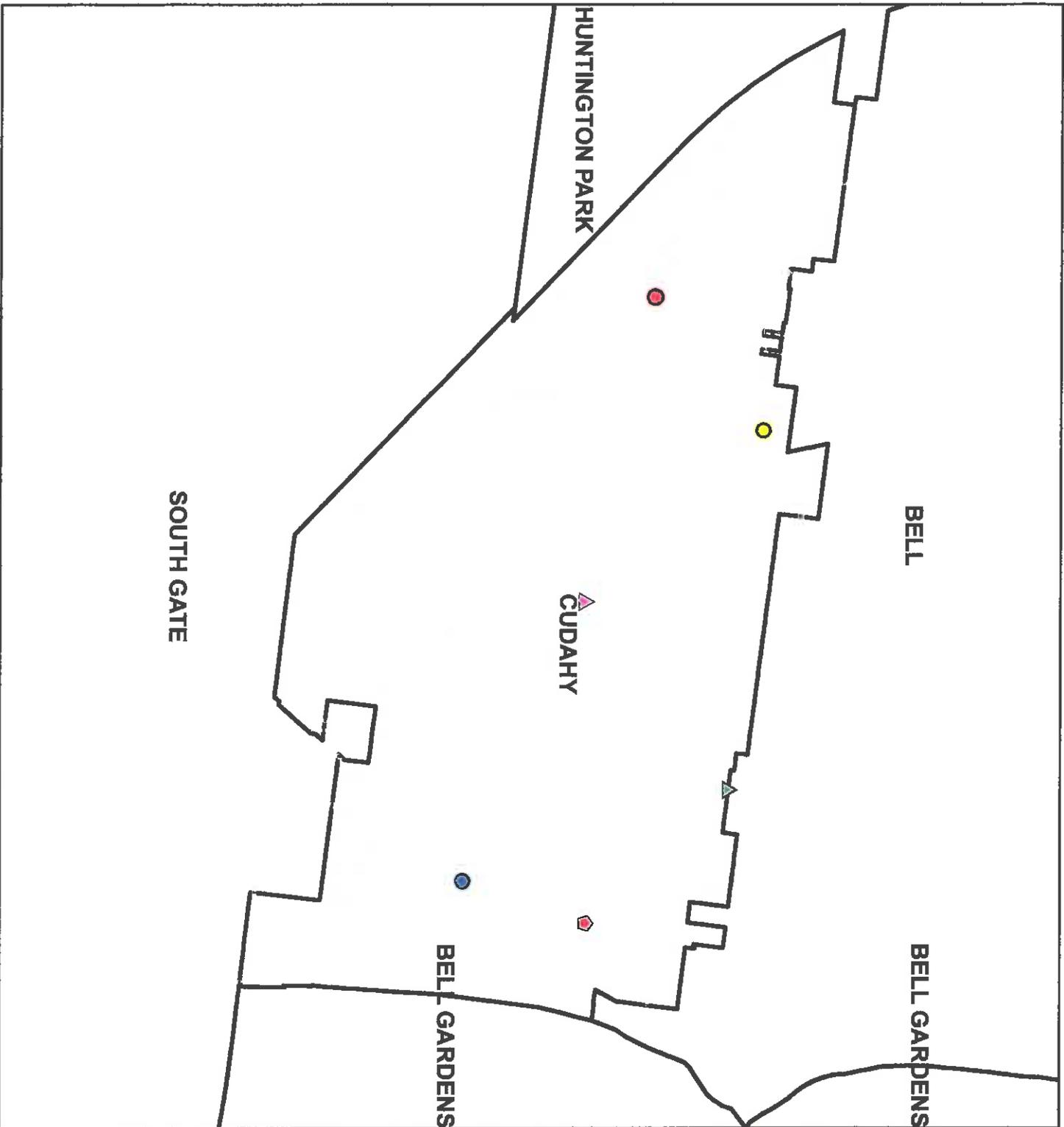
The City also partnered with California State Polytechnic University, Pomona who provided the City with recommendations based on data collections where they identified the amount of pedestrians (students/adults) that use the existing pedestrian crosswalks through their Planning Program Class URP 337: *Planning Public Infrastructure Service Learning*.

Furthermore, a Town Hall meeting was conducted to further engage community members and asked for feedback. Lastly, collision data was collected through the Los Angeles Sheriff's Department and Traffic Injury Mapping System (TIMS) (tims.berkeley.edu).

Based on the above mentioned community based studies, workshops and presentations along with City staff time the City of Cudahy feels confident in preparing and submitting a successful ATP grant application.

- The applicant has no past grant experience or has performed satisfactorily on past grants - 0 points
- The applicant has not performed satisfactorily on past grants and/or has not adequately described how they will deliver this project (-)10 points

Attachment:
Vicinity/Location Map(s)



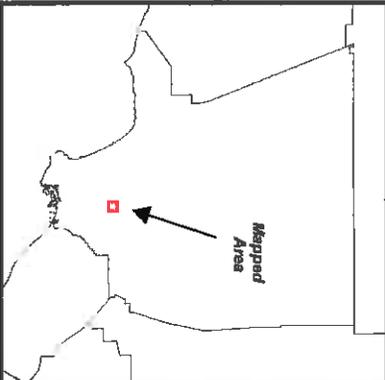
CUDAHY, CA

LEARNING FACILITIES

LEGEND

Cudahy Parcels

-  Elizabeth Learning Center
-  Ellen Ochoa Learning Center
-  Jaime Escalante Elementary School
-  Park Avenue Elementary School
-  Tereza Hughes Elementary School
-  River Rd. and Clara Service Rd.





CUDAHY, CA

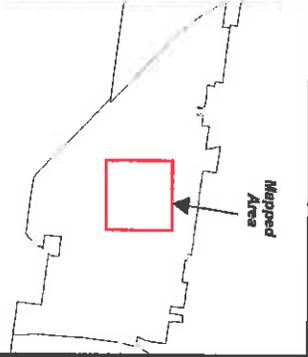


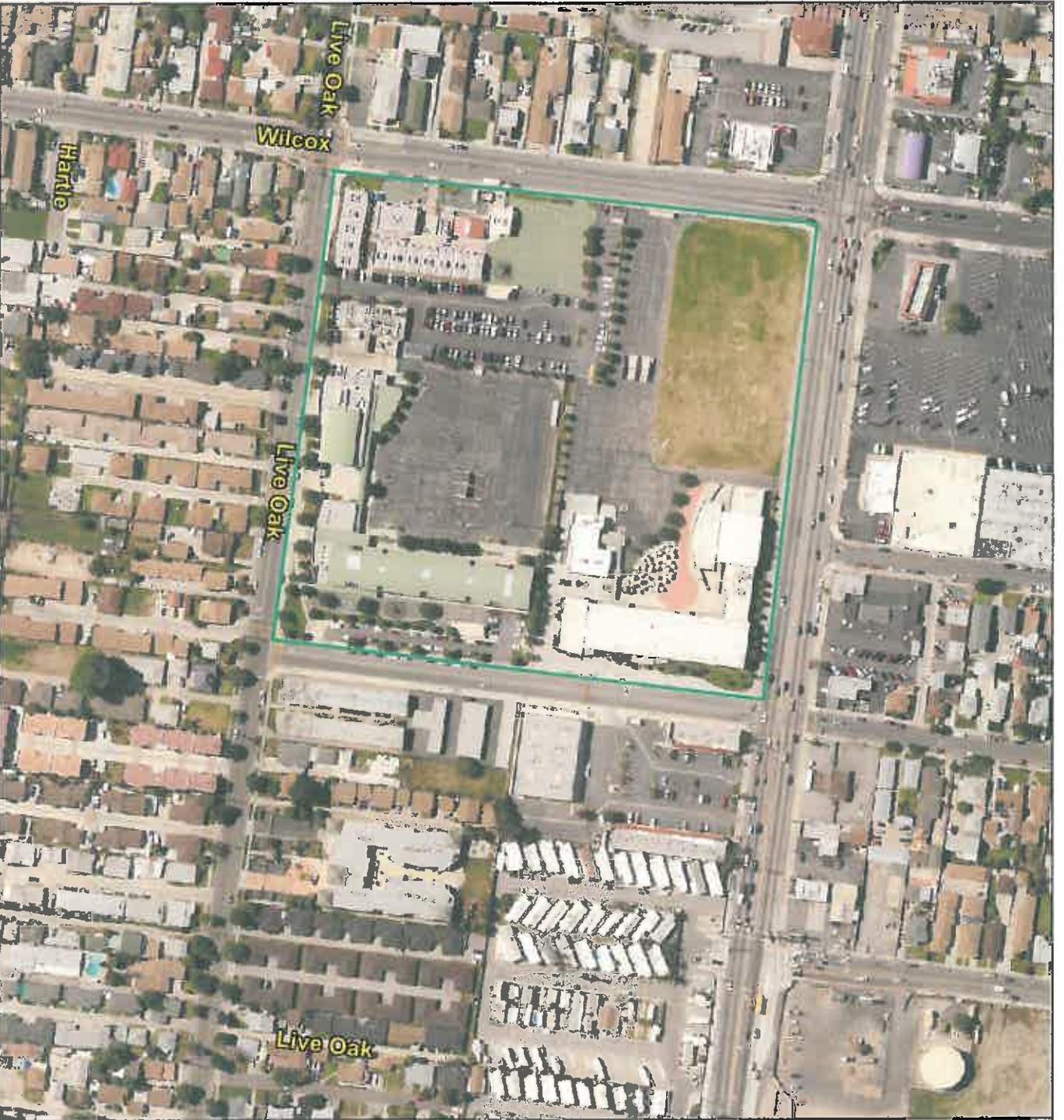
ELIZABETH LEARNING CENTER

4811 Elizabeth Street
Cudahy, CA 90201

LEGEND

 School Boundary





CUDAHY, CA

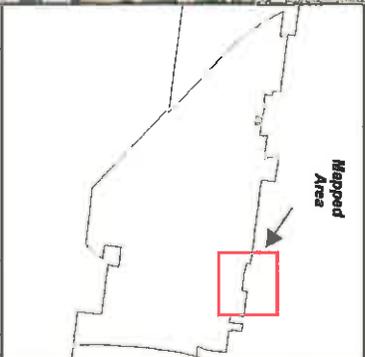


ELLEN OCHOA LEARNING CENTER

5027 Live Oak Street
Cudahy, CA 90201

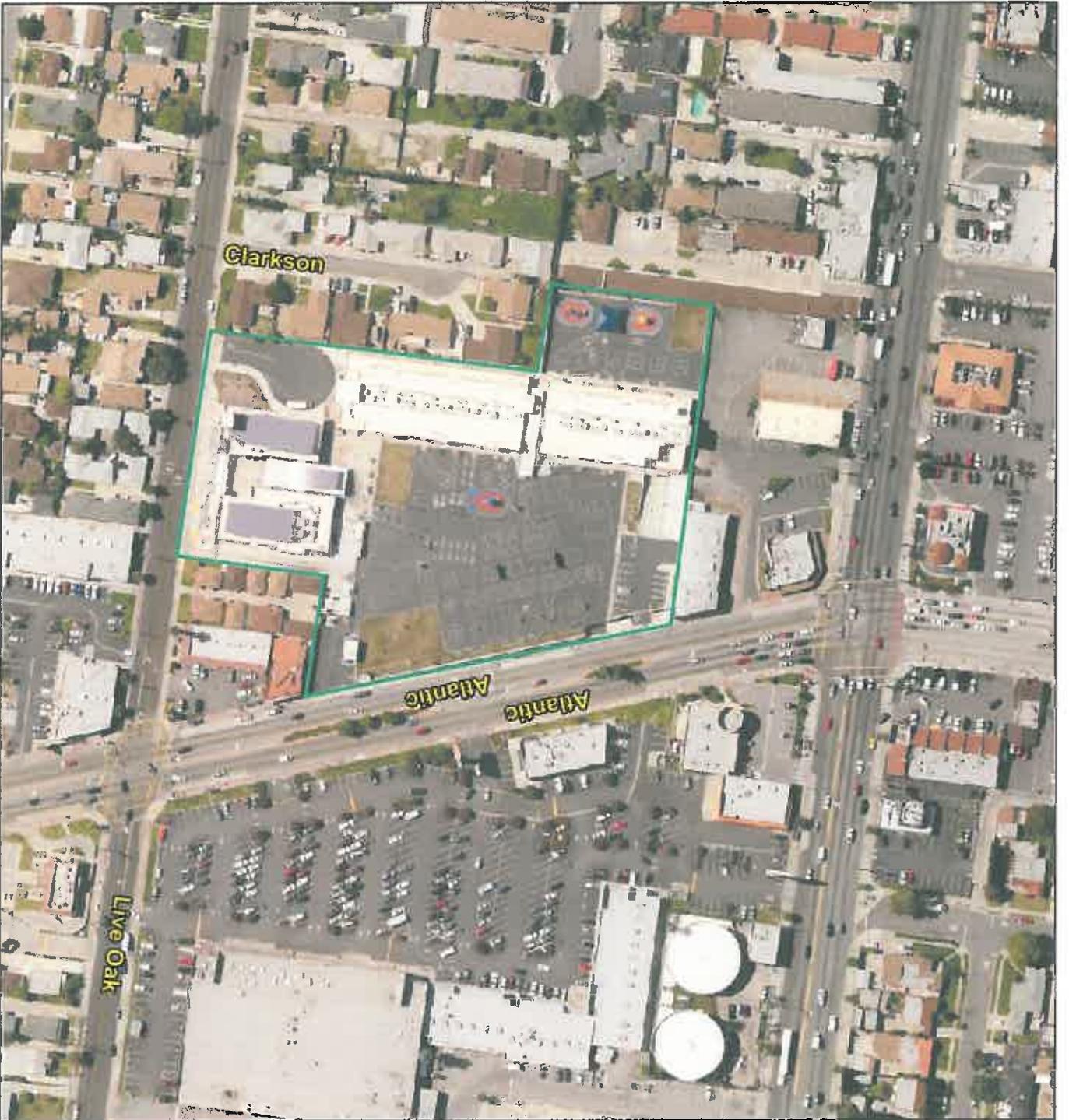
LEGEND

 School Boundary



Mapped Area





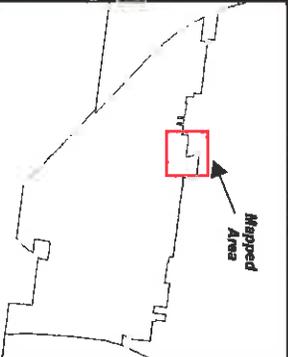
CUDAHY, CA

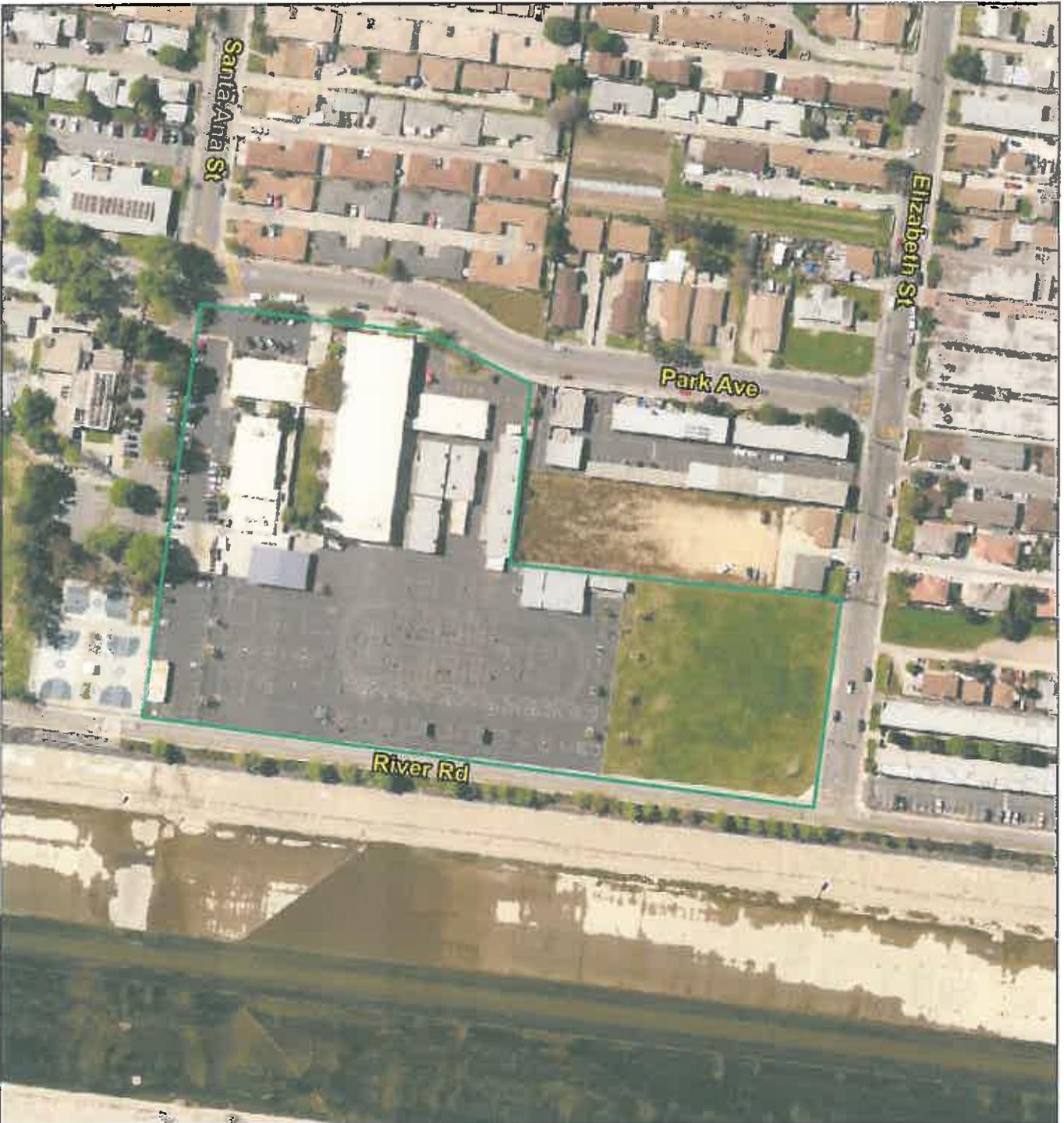


**JAINI ESCALANTE
ELEMENTARY SCHOOL**
5027 Live Oak Street
Cudahy, CA 90201

LEGEND

 School Boundary





CUDAHY, CA

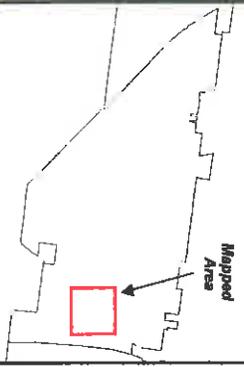


**PARK AVENUE
ELEMENTARY SCHOOL**

8020 Park Ave
Cudahy, CA 90201

LEGEND

 School Boundary





CUDAHY, CA

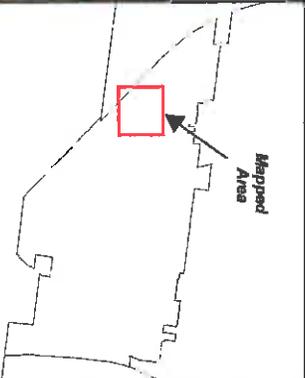


TERESA HUGHES
ELEMENTARY SCHOOL

4242 Clara Street
Cudahy, CA 90201

LEGEND

 School Boundary



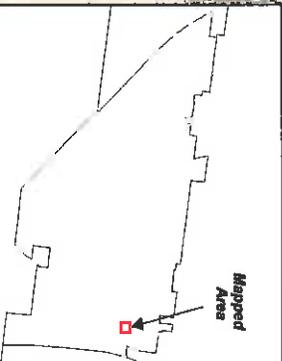
CUDAHY, CA



River Rd and Clara Service Road



LEGEND
Access to L.A. River



Attachment:
Letter(s) of Support

Jaime Escalante Elementary School

LOS ANGELES UNIFIED SCHOOL DISTRICT
4443 Live Oak St., Cudahy, Ca. 90201
Phone: (323) 890-2340; Fax: (323) 771-2427

DR. JOHN DEASY
Superintendent of Schools

DR. ROBERT BRAVO
*Instructional Area
Superintendent
ESC South*

GRACE E. FULLER
Principal

April 25, 2014

CALTRANS

Division of Local Assistance, MS 1

Attn: Office of Active Transportation and Spec. Prog.

P.O. BOX 942874

Sacramento, CA 94274-0001

Subject: Active Transportation Program – Cycle 1

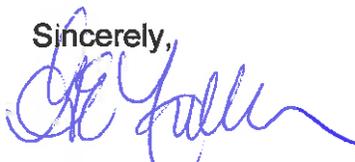
To Whom It May Concern:

I am pleased to submit this letter in support of the City of Cudahy's efforts to secure funding under the Active Transportation Program (Safe Routes to School –Infrastructure). The City is focused on improving the safety of children and parents who walk and bicycle to school. Receiving funds under this program will help the City improve its potential for increased walking and bicycling (especially among students), reduce the number and/or rate of pedestrian and bicycle accidents, and improve the overall health of our community by encouraging more walking and reduce vehicular traffic.

The improvements proposed by the City will enhance pedestrian safety within school areas and will encourage families to consider the benefits of walking and bicycling to school. This project is very important to the City of Cudahy as we continue to find ways to reduce the potential of conflicts between motorist and pedestrians.

Thank you for your consideration

Sincerely,



Grace E. Fuller
Principal



LOS ANGELES UNIFIED SCHOOL DISTRICT
Park Avenue Elementary School
8020 Park Ave.
Cudahy, CA 90201
Telephone (323) 832-1860 Fax (323) 560-9912

John E. Deasy, Ph.D.
Superintendent of Schools
Dr. Robert Bravo
Instructional Area Superintendent
Christina Cordova
Principal

May 12, 2014

CALTRANS
Division of Local Assistance, MS 1
Attn: Office of Active Transportation and Spec. Prog.
P.O. BOX 942874
Sacramento, CA 94274-0001

Subject: Active Transportation Program – Cycle 1

To Whom It May Concern:

I am pleased to submit this letter in support of the City of Cudahy's efforts to secure funding under the Active Transportation Program (Safe Routes to School –Infrastructure). The City is focused on improving the safety of children and parents who walk and bicycle to school. Receiving funds under this program will help the City improve its potential for increased walking and bicycling (especially among students), reduce the number and/or rate of pedestrian and bicycle accidents, and improve the overall health of our community by encouraging more walking and reduce vehicular traffic.

The improvements proposed by the City will enhance pedestrian safety within school areas and will encourage families to consider the benefits of walking and bicycling to school. This project is very important to the City of Cudahy as we continue to find ways to reduce the potential of conflicts between motorist and pedestrians.

Thank you for your consideration.

Sincerely,

A handwritten signature in blue ink that reads "Christina Cordova".

Christina Cordova, Principal
Park Ave. Elementary



LOS ANGELES UNIFIED SCHOOL DISTRICT
TERESA HUGHES ELEMENTARY/MAGNET
4242 Clara Street
Cudahy, CA 90201
Telephone (323) 560-4422 Fax (323) 773-7568

John E. Deasy, Ph.D.
Superintendent of Schools

Robert Bravo
Superintendent, Education Support
Center South

Adriana Cortez
Principal

April 17, 2014

CALTRANS
Division of Local Assistance, MS 1
Attn: Office of Active Transportation and Spec. Prog.
P.O. BOX 942874
Sacramento, CA 94274-0001

2014 MAY -2 PM 2:35
CITY OF SACRAMENTO
ADRIANA CORTAZ

Subject: Active Transportation Program – Cycle 1

To whom it may concern:

I am pleased to submit this letter in support of the City of Cudahy's effort to secure funding under the Active Transportation Program (Safe Routes to School –Infrastructure). The City is focused in improving the pedestrian safety of children and parents that walk and bicycle to school. Receiving funds under this program will help the City improve its potential for increased walking and bicycling (especially among students), reduce the number and/or rate of pedestrian and bicycle accidents, and improve the overall health of our community by encouraging more walking and reduce vehicular trips.

The improvements proposed by the City will enhance pedestrian's safety within school areas and will encourage many families to reevaluate the benefits of children walking and bicycling to school. This project is very important for our City and school District as we continue to find ways to reduce the potential of conflicts between motorist and pedestrians.

Thank you for your consideration,

Sincerely,

Adriana Cortez - Principal



Los Angeles Unified School District

ELLENCHOA
Learning Center

5027 Live Oak St, Cudahy, Ca 90201

Telephone: (323) 869-1300 Fax: (323) 562-8015

JOHN E. DEASY, Ph.D.
Superintendent of Schools

DR. ROBERT BRAVO
Instructional Area Superintendent

MARA BOMMARITO
Principal

May 12, 2014

CALTRANS

Division of Local Assistance, MS 1

Attn: Office of Active Transportation and Spec. Prog.

P.O. BOX 942874

Sacramento, CA 94274-001

Subject: Active Transportation Program—Cycle 1

To Whom It May Concern,

I am pleased to submit this letter in support of the City of Cudahy's efforts to secure funding under the Active Transportation Program (Safe Routes to School—Infrastructure). The City is focused on improving the safety of children and parents who walk and bicycle to school. Receiving funds under this program will help the City improve its potential for increasing walking and bicycling (especially among students), reduce the number and/or rate of pedestrian and bicycle accidents, and improve the overall health of our community by encouraging more walking and reduce vehicular traffic.

The improvements proposed by the City will enhance pedestrian safety within school areas and will encourage families to consider the benefits of walking and bicycling to school. This project is very important to the City of Cudahy as we continue to find ways to reduce the potential of conflicts between motorists and pedestrians.

Thank you for your consideration.

Sincerely,

Mara Bommarito,
Principal



CITY OF CUDAHY CALIFORNIA

Incorporated November 10, 1960

P.O. Box 1007
5220 Santa Ana Street
Cudahy, California 90201-6024
(323) 773-5143
Fax: (323) 771-2072

April 25, 2014

CALTRANS
Division of Local Assistance, MS 1
Attn: Office of Active Transportation and Spec. Prog.
P.O. BOX 942874
Sacramento, CA 94274-0001

Subject: Active Transportation Program – Cycle 1

To Whom It May Concern:

I am pleased to submit this letter in support of the City of Cudahy's efforts to secure funding under the Active Transportation Program (Safe Routes to School – Infrastructure). The City is focused on improving the safety of children and parents who walk and bicycle to school. Receiving funds under this program will help the City improve its potential for increased walking and bicycling (especially among students), reduce the number and/or rate of pedestrian and bicycle accidents, and improve the overall health of our community by encouraging more walking and reduce vehicular traffic.

The improvements proposed by the City will enhance pedestrian safety within school areas and will encourage families to consider the benefits of walking and bicycling to school. This project is very important to the City of Cudahy as we continue to find ways to reduce the potential of conflicts between motorist and pedestrians.

Thank you for your consideration.

Sincerely,

Chris Garcia
Mayor



John L. Scott, Sheriff

County of Los Angeles
Sheriff's Department Headquarters
4700 Ramona Boulevard
Monterey Park, California 91754-2169



April 24, 2014

CALTRANS
Division of Local Assistance, MS 1
Attn: Office of Active Transportation and Spec. Prog.
P.O. BOX 942874
Sacramento, CA 94274-0001

Subject: Active Transportation Program – Cycle 1

To Whom It May Concern:

I am pleased to submit this letter of support for the city of Cudahy's efforts to secure funding under the Active Transportation Program (Safe Routes to School Infrastructure). The city is focused on improving the safety of children and parents who walk and bicycle to school. Funding under this program will be used to support programs that reduce the number and/or rate of pedestrian and bicycle accidents. It will also improve the overall health of our community by encouraging walking and reducing vehicular traffic.

The improvements proposed by the city will enhance pedestrian safety within school areas and encourage families to consider the benefits of walking and bicycling to school. This project is very important to the city of Cudahy as we continue to find ways to reduce the conflicts between motorist and pedestrians.

Thank you for your consideration.

Sincerely,

JOHN L. SCOTT, SHERIFF

James P. Wolak, Captain
East Los Angeles Station



GATEWAY CITIES
COUNCIL OF GOVERNMENTS

2014 MAY -6 AM 10:37
CITY OF CUDAHY

*Artesia**Avalon**Bell**Bellflower**Bell Gardens**Cerritos**Commerce**Compton**Cudahy**Downey**Hawaiian Gardens**Huntington Park**La Habra Heights**La Mirada**Lakewood**Long Beach**Lynwood**Maywood**Montebello**Norwalk**Paramount**Pico Rivera**Santa Fe Springs**Signal Hill**South Gate**Vernon**Whittier**County of Los Angeles**Port of Long Beach*

April 29, 2014

CALTRANS

Division of Local Assistance, MS 1

Attn: Office of Active Transportation and Spec. Prog.

P.O. BOX 942874

Sacramento, CA 94274-0001

To Whom It May Concern:

Active Transportation Program – Cycle 1

I am pleased to submit this letter in support of the City of Cudahy's efforts to secure funding under the Active Transportation Program (Safe Routes to School –Infrastructure). The City is focused on improving the safety of children and parents who walk and bicycle to school. Receiving funds under this program will help the City improve its potential for increased walking and bicycling (especially among students), reduce the number and/or rate of pedestrian and bicycle accidents, and improve the overall health of our community by encouraging more walking and reduce vehicular traffic.

The improvements proposed by the City will enhance pedestrian safety within school areas and will encourage families to consider the benefits of walking and bicycling to school. This project is very important to the City of Cudahy as we continue to find ways to reduce the potential of conflicts between motorist and pedestrians.

Thank you for your consideration.

Sincerely,

Richard R. Powers
Executive Director

Cc: Mr. Henry Garcia, City Manager



JONATHAN E. FIELDING, M.D., M.P.H.
Director and Health Officer

CYNTHIA A. HARDING, M.P.H.
Chief Deputy Director

Division of Chronic Disease and Injury Prevention
Paul Simon, M.D., M.P.H.
Director

PLACE Program
Jean Armbruster, MA
Director
695 Vermont Avenue, 14th Floor
Los Angeles, California 90005
TEL (213) 351-1907 • FAX (213) 637-4879

www.publichealth.lacounty.gov

BOARD OF SUPERVISORS

Gloria Molina
First District

Mark Ridley-Thomns
Second District

Zev Yaroslavsky
Third District

Don Knabe
Fourth District

Michael D. Antonovich
Fifth District

May 12, 2014

CALTRANS
Division of Local Assistance, MS 1
Attn: Office of Active Transportation and Spec. Prog.
P.O. BOX 942874
Sacramento, CA 94274-0001

Subject: City of Cudahy Proposed Project for Active Transportation Program – Cycle 1

To Whom It May Concern:

The Los Angeles County Department of Public Health would like to offer its support to the City of Cudahy's efforts to secure funding under the Active Transportation Program for Infrastructure projects supporting Safe Routes to School. For the past year, we have been working closely with the City to create safe routes to school plans and programs for all 5 public schools. Improving the safety of children and parents who walk and bicycle to school is of great importance to the City. Receiving funds under this program will help the City improve its potential for increased walking and bicycling (especially among students), reduce the number and/or rate of pedestrian and bicycle collisions, reduce vehicular traffic, and improve the overall health of the community by encouraging more walking.

The improvements proposed by the City will enhance pedestrian safety within school areas and will encourage families to consider the benefits of walking and bicycling to school. This project is very important to the City of Cudahy as they continue to find ways to reduce the potential of conflicts between motorists and pedestrians.

We support the City in their grant application and encourage you to consider their request for funding.

Sincerely,

Jean Armbruster, MA
Director, PLACE Program



Metro

May 12, 2014

Malcolm Dougherty
Director
California Department of Transportation
P.O. Box 942873
Sacramento, CA 94273-0001

**RE: Letter of Support for Cudahy Citywide Pedestrian Crosswalk
Improvement Project Active Transportation Program (ATP)
Application**

Dear Director Dougherty:

The Los Angeles County Metropolitan Transportation Authority (Metro) is pleased to support the Active Transportation Program (ATP) funding request for the Cudahy Citywide Pedestrian Crosswalk Improvement Project in the City of Cudahy. Metro is committed to promoting sustainability through direct actions to implement policies, programs and projects as well as through collaboration with local jurisdictions and agencies to meet the mandate to reduce greenhouse gas emissions as well as to increase mobility, safety and the social and economic vitality of our communities.

Active transportation is a key planning priority within Metro and aligns with regional mobility strategies and plans. The 2012-2035 Regional Transportation Plan/Sustainable Communities Strategies(RTP/SCS) adopted by the Southern California Association of Governments(SCAG) identifies active transportation as a key component. In furthering regional goals, Metro has developed multiple initiatives and programs to systematically address the challenges associated with bicycling and walking trips, including the Countywide Sustainability Planning Policy, the First/Last Mile Strategic Plan, the Safe Routes to School Pilot program and through financial commitments as Part of the Long Range Transportation Plan (LRTP) and the bi-annual Call for Projects process which funds local bicycle and pedestrian projects that are consistent with both local and regional plans.

We find this project to be consistent with the SCAG RTP/SCS and the LRTP and endorse the City of Cudahy's efforts and contribution towards a sustainable transportation future. We respectfully request a favorable consideration of the Cudahy Citywide Pedestrian Crosswalk Improvement Project for the ATP grant.

Sincerely,

Arthur T. Leahy
Chief Executive Officer

Attachment:

Benefit /Cost Calculation Result

Benefit / Cost Calculation Result**1. Project Information**

Application ID: Cudahy Citywide - Pedestrian Crosswalk Improvement Project (SRTS) Version: 1

2. Countermeasures and Crash Data

Crash Data Time Period: 01/16/2003 to 03/30/2014 Years: 11.21

• Add intersection lighting (S.I.)

CM Number	Project Type	Crash Type	CRF	Life		
S1	Lighting	Night	40	20		
Crash Type	Fatality (Death)	Severe Injury	Injury - Other Visible	Injury - Complaint of Pain	Property Damage Only	Total
Night	1	0	12	3	0	16
			Annual Benefit	\$ 181,681	Cost	\$ 254,020
			Life Benefit	\$ 3,633,613	B/C Ratio	14.30

• Install flashing beacons as advance warning (S.I.)

CM Number	Project Type	Crash Type	CRF	Life		
S9	Operation/ Warning	All	30	10		
Crash Type	Fatality (Death)	Severe Injury	Injury - Other Visible	Injury - Complaint of Pain	Property Damage Only	Total
All	1	1	54	22	0	78
			Annual Benefit	\$ 253,667	Cost	\$ 508,040
			Life Benefit	\$ 2,536,673	B/C Ratio	4.99

• Install pedestrian crossing (S.I.)

CM Number	Project Type	Crash Type	CRF	Life		
S20	Ped and Bike	Ped & Bike	25	20		
Crash Type	Fatality (Death)	Severe Injury	Injury - Other Visible	Injury - Complaint of Pain	Property Damage Only	Total
Ped & Bike	0	1	7	6	0	14
			Annual Benefit	\$ 23,158	Cost	\$ 508,040
			Life Benefit	\$ 463,158	B/C Ratio	0.91

3. Benefit Cost Result

Total Benefit	\$ 6,633,444
Total Cost	\$ 1,270,100
B/C Ratio	5.22

Safety Practitioner / Engineer: Aaron Hernandez-Torres

Signature:

By signing this B/C Calculation Result, I am accepting full liability responsibility at your local agency for the work and results presented on this document as shown on this page and that they have been entered into the TIMS Application Form correctly. **DO NOT SIGN** if any of this is not the case.

Attachment:

Detailed Engineer's Estimate

Cudahy Citywide Safe Routes to Schools Improvement Project (Pedestrian Crosswalks)

2014 ATP Application - Cycle 1

Summary of Detailed Engineer's Estimates for Site Specific Improvements

(See attached Detailed Engineer's Estimates for construction items per site)

SITE No.	SCHOOL / FACILITY	SUB-TOTAL CONSTRUCTION COST
1	Park Avenue Elementary School	\$ 63,500.00
2	Park Avenue Elementary School	\$ 63,500.00
3	Park Avenue Elementary School	\$ 63,500.00
4	Park Avenue Elementary School	\$ 63,500.00
5	River Rd & Clara South - Bike & Ped Access to LA River Bike & Ped Path	\$ 63,000.00
6	Ellen Ochoa Learning Center	\$ 63,500.00
7	Ellen Ochoa Learning Center	\$ 17,000.00
8	Ellen Ochoa Learning Center	\$ 85,500.00
9	Clara Park/ Community Center	\$ 15,000.00
10	Elizabeth Learning Center - Clara St Entry	\$ 88,000.00
11	Elizabeth Learning Center - Elizabeth St Entry	\$ 108,000.00
12	Elizabeth Learning Center - Wilcox Ave & Elizabeth St Intersection	\$ 52,000.00
13	Elizabeth Learning Center - Wilcox Ave & Clara St Intersection	\$ 8,000.00
14	Teresa Hughes Elementary School	\$ 44,000.00
15	Teresa Hughes Elementary School	\$ 15,000.00
16	Teresa Hughes Elementary School	\$ 64,000.00
17	Jaime Escalante Elementary School	\$ 88,500.00
18	River Rd & Clara North - Bike & Ped Access to LA River Bike & Ped Path	\$ 11,500.00
	SUBTOTAL CONSTRUCTION COST	\$ 977,000.00
	CONTINGENCY (10%)	\$ 97,700.00
	CONSTRUCTION ENGINEERING (Mgmt & Insp) (10%)	\$ 97,700.00
	TOTAL CONSTRUCTION COST	\$ 1,172,400.00
	PS&E (10%)	\$ 97,700.00
	PROJECT TOTAL	\$ 1,270,100.00

**Detailed Engineer's Estimate
For Construction Items Only**

Agency: City of Cudahy, CA

Project Name: Cudahy Citywide Safe Routes to Schools Improvement Project (Pedestrian Crosswalks) - 2014 ATP Cycle 1

Project Location: Existing Non-controlled Pedestrian Crosswalk at Santa Ana St & Park Ave Intersection (Along Santa Ana St) - SITE 1

School: Park Avenue Elementary School

Date of Estimate: May 9, 2014

Prepared by: City of Cudahy Engineering

Item No.	Description	Quantity	Units	Unit Cost	Total
1	Upgrade existing non-controlled pedestrian crosswalk: Install Rectangular Rapid Flashing Beacon (RRFB) LED Pedestrian Activated Crosswalk Warning System LaneLight RRFB (or approved equal). Includes installation: required poles and signage, wiring, cabinet, software, miscellaneous mounting hardware, excavation, foundations, concrete & asphalt work and traffic control. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	EA	\$ 18,500.00	\$ 18,500.00
2	Replace old non-working In-ground warning lights with the new In-Roadway Light System (Lanelight In-Pavement LED Lighted Crosswalk System MLK150.400 Series or approved equal). Includes installation: required poles and signage, wiring, cabinet, software, miscellaneous mounting hardware, excavation, concrete & asphalt work and traffic control. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	EA	\$ 40,000.00	\$ 40,000.00
3	Provide High Visibility Triple Four Crosswalk Traffic Striping with Reflective Markers. Thermoplastic. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	EA	\$ 3,000.00	\$ 3,000.00
4	Provide Traffic Striping Stop Bar and/ or Yield Line, STOP and SLOW SCHOOL X-ING Legends. Thermoplastic. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	LS	\$ 2,000.00	\$ 2,000.00
5	Construct ADA Compiance Wheelchair Ramp. Includes base removal, backfill, and yellow federal Truncated Dome) *		EA	\$ 3,000.00	\$ -
	* See plan for location				
	Sub-Total			\$	63,500.00
	Sub-Total Construction (Site 1)			\$	63,500.00

Detailed Engineer's Estimate For Construction Items Only

Agency: City of Cudahy, CA

Project Name: Cudahy Citywide Safe Routes to Schools Improvement Project (Pedestrian Crosswalks) - 2014 ATP Cycle 1

Project Location: Existing Non-controlled Pedestrian Crosswalk at Santa Ana St & Park Ave Intersection (Along Park Ave) - SITE 2

School: Park Avenue Elementary School

Date of Estimate: May 9, 2014

Prepared by: City of Cudahy Engineering

Item No.	Description	Quantity	Units	Unit Cost	Total
1	Upgrade existing non-controlled pedestrian crosswalk: Install Rectangular Rapid Flashing Beacon (RRFB) LED Pedestrian Activated Crosswalk Warning System LaneLight RRFB (or approved equal). Includes installation: required poles and signage, wiring, cabinet, software, miscellaneous mounting hardware, excavation, foundations, concrete & asphalt work and traffic control. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	EA	\$ 18,500.00	\$ 18,500.00
2	Replace old non-working In-ground warning lights with the new In-Roadway Light System (Lanelight In-Pavement LED Lighted Crosswalk System MLK150.400 Series or approved equal). Includes installation: required poles and signage, wiring, cabinet, software, miscellaneous mounting hardware, excavation, concrete & asphalt work and traffic control. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	EA	\$ 40,000.00	\$ 40,000.00
3	Provide High Visibility Triple Four Crosswalk Traffic Striping with Reflective Markers. Thermoplastic. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	EA	\$ 3,000.00	\$ 3,000.00
4	Provide Traffic Striping Stop Bar and/ or Yield Line, STOP and SLOW SCHOOL X-ING Legends. Thermoplastic. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	LS	\$ 2,000.00	\$ 2,000.00
5	Construct ADA Compliace Whelchair Ramp. Includes base removal, backfill, and yellow federal Truncated Dome) *		EA	\$ 3,000.00	\$ -
	* See plan for locations				
Sub-Total					\$ 63,500.00
Sub-Total Construction (Site 2)					\$ 63,500.00

Detailed Engineer's Estimate For Construction Items Only

Agency: City of Cudahy, CA

Project Name: Cudahy Citywide Safe Routes to Schools Improvement Project (Pedestrian Crosswalks) - 2014 ATP Cycle 1

Project Location: Existing Non-controlled Pedestrian Crosswalk at Park Ave & Elizabeth St Intersection (Along Park Ave) - SITE 3

School: Park Avenue Elementary School

Date of Estimate: May 9, 2014

Prepared by: City of Cudahy Engineering

Item No.	Description	Quantity	Units	Unit Cost	Total
1	Upgrade existing non-controlled pedestrian crosswalk: Install Rectangular Rapid Flashing Beacon (RRFB) LED Pedestrian Activated Crosswalk Warning System LaneLight RRFB (or approved equal). Includes installation: required poles and signage, wiring, cabinet, software, miscellaneous mounting hardware, excavation, foundations, concrete & asphalt work and traffic control. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	EA	\$ 18,500.00	\$ 18,500.00
2	Replace old non-working In-ground warning lights with the new In-Roadway Light System (LaneLight In-Pavement LED Lighted Crosswalk System MLK150.400 Series or approved equal). Includes installation: required poles and signage, wiring, cabinet, software, miscellaneous mounting hardware, excavation, concrete & asphalt work and traffic control. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	EA	\$ 40,000.00	\$ 40,000.00
3	Provide High Visibility Triple Four Crosswalk Traffic Striping with Reflective Markers. Thermoplastic. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	EA	\$ 3,000.00	\$ 3,000.00
4	Provide Traffic Striping Stop Bar and/ or Yield Line, STOP and SLOW SCHOOL X-ING Legends. Thermoplastic. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	LS	\$ 2,000.00	\$ 2,000.00
5	Construct ADA Complyance Wheelchair Ramp. Includes base removal, backfill, and yellow federal Truncated Dome) *		EA	\$ 3,000.00	\$ -
	* See plan for location				
Sub-Total					\$ 63,500.00
Sub-Total Construction (Site 3)					\$ 63,500.00

Detailed Engineer's Estimate For Construction Items Only

Agency: City of Cudahy, CA

Project Name: Cudahy Citywide Safe Routes to Schools Improvement Project (Pedestrian Crosswalks) - 2014 ATP Cycle 1

Project Location: Existing Non-controlled Pedestrian Crosswalk at Park Ave & Elizabeth St Intersection (Along Elizabeth St) - SITE 4

School: Park Avenue Elementary School

Date of Estimate: May 9, 2014

Prepared by: City of Cudahy Engineering

Item No.	Description	Quantity	Units	Unit Cost	Total
1	Upgrade existing non-controlled pedestrian crosswalk: Install Rectangular Rapid Flashing Beacon (RRFB) LED Pedestrian Activated Crosswalk Warning System LaneLight RRFB (or approved equal). Includes installation: required poles and signage, wiring, cabinet, software, miscellaneous mounting hardware, excavation, foundations, concrete & asphalt work and traffic control. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	EA	\$ 18,500.00	\$ 18,500.00
2	Replace old non-working In-ground warning lights with the new In-Roadway Light System (Lanelight In-Pavement LED Lighted Crosswalk System MLK150.400 Series or approved equal). Includes installation: required poles and signage, wiring, cabinet, software, miscellaneous mounting hardware, excavation, concrete & asphalt work and traffic control. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	EA	\$ 40,000.00	\$ 40,000.00
3	Provide High Visibility Triple Four Crosswalk Traffic Striping with Reflective Markers. Thermoplastic. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	EA	\$ 3,000.00	\$ 3,000.00
4	Provide Traffic Striping Stop Bar and/ or Yield Line, STOP and SLOW SCHOOL X-ING Legends. Thermoplastic. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	LS	\$ 2,000.00	\$ 2,000.00
5	Construct ADA Compliant Wheelchair Ramp. Includes base removal, backfill, and yellow federal Truncated Dome) *		EA	\$ 3,000.00	\$ -
	* See plan for locations				
				Sub-Total	\$ 63,500.00
				Sub-Total Construction (Site 4)	\$ 63,500.00

Detailed Engineer's Estimate For Construction Items Only

Agency: City of Cudahy, CA

Project Name: Cudahy Citywide Safe Routes to Schools Improvement Project (Pedestrian Crosswalks) - 2014 ATP Cycle 1

Project Location: Existing Non-controlled Pedestrian & Bike Crosswalk at River Rd & Clara South Intersection (Along River Rd) - SITE 5

School: Bike and Pedestrian Access to Los Angeles River Bike Path

Date of Estimate: May 9, 2014

Prepared by: City of Cudahy Engineering

Item No.	Description	Quantity	Units	Unit Cost	Total
1	Upgrade existing non-controlled bike and pedestrian crosswalk: Install Blinker Sign Bike and Pedestrian LED Warning System - Activated/Motion Detection TAPCO Crosswalk System (or approved equal). Includes installation: required poles and signage, wiring, cabinet, software, miscellaneous mounting hardware, excavation, concrete & asphalt work and traffic control. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	EA	\$ 18,500.00	\$ 18,500.00
2	Replace old non-working In-ground warning lights with the new In-Roadway Light System (Lanelight In-Pavement LED Lighted Crosswalk System MLK150.400 Series or approved equal). Includes installation: required poles and signage, wiring, cabinet, software, miscellaneous mounting hardware, excavation, concrete & asphalt work and traffic control. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	EA	\$ 35,000.00	\$ 35,000.00
3	Provide High Visibility Triple Four Crosswalk Traffic Striping with Reflective Markers. Thermoplastic. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	EA	\$ 2,500.00	\$ 2,500.00
4	Provide Traffic Striping Stop Bar and/ or Yield Line, STOP and SLOW BIKE X-ING Legends. Thermoplastic. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	LS	\$ 4,000.00	\$ 4,000.00
5	Construct ADA Compliace Wheelchair Ramp. Includes base removal, backfill, and yellow federal Truncated Dome) *	1	EA	\$ 3,000.00	\$ 3,000.00
	* See plan for locations				
				Sub-Total	\$ 63,000.00
				Sub-Total Construction (Site 5)	\$ 63,000.00

Detailed Engineer's Estimate For Construction Items Only

Agency: City of Cudahy, CA

Project Name: Cudahy Citywide Safe Routes to Schools Improvement Project (Pedestrian Crosswalks) - 2014 ATP Cycle 1

Project Location: Existing Non-controlled Pedestrian Crosswalk at Live Oak St & Crafton Ave Intersection (Along Crafton Ave) - SITE 6

School: Ellen Ochoa Learning Center

Date of Estimate: May 10, 2014

Prepared by: City of Cudahy Engineering

Item No.	Description	Quantity	Units	Unit Cost	Total
1	Upgrade existing non-controlled pedestrian crosswalk: Install Rectangular Rapid Flashing Beacon (RRFB) LED Pedestrian Activated Crosswalk Warning System LaneLight RRFB (or approved equal). Includes installation: required poles and signage, wiring, cabinet, software, miscellaneous mounting hardware, excavation, foundations, concrete & asphalt work and traffic control. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	EA	\$ 18,500.00	\$ 18,500.00
2	Replace old non-working In-ground warning lights with the new In-Roadway Light System (Lanelight In-Pavement LED Lighted Crosswalk System MLK150.400 Series or approved equal). Includes installation: required poles and signage, wiring, cabinet, software, miscellaneous mounting hardware, excavation, concrete & asphalt work and traffic control. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	EA	\$ 40,000.00	\$ 40,000.00
3	Provide High Visibility Triple Four Crosswalk Traffic Striping with Reflective Markers. Thermoplastic. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	EA	\$ 3,000.00	\$ 3,000.00
4	Provide Traffic Striping Stop Bar and/ or Yield Line, STOP and SLOW SCHOOL X-ING Legends. Thermoplastic. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	LS	\$ 2,000.00	\$ 2,000.00
5	Construct ADA Compliace Whelchair Ramp. Includes base removal, backfill, and yellow federal Truncated Dome) *		EA	\$ 3,000.00	\$ -
	* See plan for locations				
Sub-Total					\$ 63,500.00
Sub-Total Construction (Site 6)					\$ 63,500.00

Detailed Engineer's Estimate For Construction Items Only

Agency: City of Cudahy, CA

Project Name: Cudahy Citywide Safe Routes to Schools Improvement Project (Pedestrian Crosswalks) - 2014 ATP Cycle 1

Project Location: Existing Non-controlled Pedestrian Crosswalk at Live Oak St & Crafton Ave Intersection (Along Live Oak St) - SITE 7

School: Ellen Ochoa Learning Center

Date of Estimate: May 10, 2014

Prepared by: City of Cudahy Engineering

Item No.	Description	Quantity	Units	Unit Cost	Total
1	Upgrade existing non-controlled pedestrian crosswalk: Install BlinkerStop Flashing LED STOP Sign TAPCO R1-1 Activated Sign (or approved equal). Includes installation: required poles and signage, wiring, cabinet, software, miscellaneous mounting hardware, excavation, foundation, concrete & asphalt work and traffic control. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	EA	\$ 12,000.00	\$ 12,000.00
2	Replace old non-working In-ground warning lights with the new In-Roadway Light System (Lanelight In-Pavement LED Lighted Crosswalk System MLK150.400 Series or approved equal). Includes installation: required poles and signage, wiring, cabinet, software, miscellaneous mounting hardware, excavation, concrete & asphalt work and traffic control. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *		EA	\$ 40,000.00	\$ -
3	Provide High Visibility Triple Four Crosswalk Traffic Striping with Reflective Markers. Thermoplastic. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	EA	\$ 3,000.00	\$ 3,000.00
4	Provide Traffic Striping Stop Bar and/ or Yield Line, STOP and SLOW SCHOOL X-ING Legends. Thermoplastic. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	LS	\$ 2,000.00	\$ 2,000.00
5	Construct ADA Complye Wheelchair Ramp. Includes base removal, backfill, and yellow federal Truncated Dome) *		EA	\$ 3,000.00	\$ -
	* See plan for locations				
Sub-Total					\$ 17,000.00
Sub-Total Construction (Site 7)					\$ 17,000.00

Detailed Engineer's Estimate For Construction Items Only

Agency: City of Cudahy, CA

Project Name: Cudahy Citywide Safe Routes to Schools Improvement Project (Pedestrian Crosswalks) - 2014 ATP Cycle 1

Project Location: Existing Non-controlled Mid-Block Pedestrian Crosswalk at Live Oak St (In front of Ellen Ochoa Learning Ctr) - SITE 8

School: Ellen Ochoa Learning Center

Date of Estimate: May 10, 2014

Prepared by: City of Cudahy Engineering

Item No.	Description	Quantity	Units	Unit Cost	Total
1	Upgrade existing non-controlled pedestrian crosswalk: Install Rectangular Rapid Flashing Beacon (RRFB) LED Pedestrian Activated Crosswalk Warning System LaneLight RRFB (or approved equal). Includes installation: required poles and signage, wiring, cabinet, software, miscellaneous mounting hardware, excavation, foundations, concrete & asphalt work and traffic control. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	EA	\$ 18,500.00	\$ 18,500.00
2	Replace old non-working In-ground warning lights with the new In-Roadway Light System (Lanelight In-Pavement LED Lighted Crosswalk System MLK150.400 Series or approved equal). Includes installation: required poles and signage, wiring, cabinet, software, miscellaneous mounting hardware, excavation, concrete & asphalt work and traffic control. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	EA	\$ 40,000.00	\$ 40,000.00
3	Install/ Construct Pedestrian Raised Crosswalk (West of existing crosswalk). Includes removal of existing existing non-controlled mid-block pedestrian crosswalk, asphalt and concrete work/ sidewalk reconstruction (Contractor to follow applicable Code & Standards and Install and Provide all Required Appertunnances) *	1	EA	\$ 18,000.00	\$ 18,000.00
4	Provide High Visibility Triple Four Crosswalk Traffic Striping with Reflective Markers. Thermoplastic. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	EA	\$ 3,000.00	\$ 3,000.00
5	Provide Traffic Striping Stop Bar and/ or Yield Line, STOP and SLOW SCHOOL X-ING Legends. Thermoplastic. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	LS	\$ 4,000.00	\$ 4,000.00
6	Install Yellow Federal Truncated Dome at Existing Sidewalks (Detectable Warning Dome per ADA Requirements).	2	EA	\$ 1,000.00	\$ 2,000.00
7	Construct ADA Compliace Wheelchair Ramp. Includes base removal, backfill, and yellow federal Truncated Dome. (Contractor to follow SPPWC Standards and Install and Provide all Required Appertunnances) *		EA	\$ 3,000.00	\$ -
	* See plan for locations				
Sub-Total					\$ 85,500.00
Sub-Total Construction (Site 8)					\$ 85,500.00

Detailed Engineer's Estimate For Construction Items Only

Agency: City of Cudahy, CA

Project Name: Cudahy Citywide Safe Routes to Schools Improvement Project (Pedestrian Crosswalks) - 2014 ATP Cycle 1

Project Location: Existing Controlled Mid-Block Pedestrian Crosswalk at Clara St (In front of Clara Park) - SITE 9

School: Clara Sports Complex/ Community and Senior Center/ Sheriff Station/ Clara Expansion Park

Date of Estimate: May 10, 2014

Prepared by: City of Cudahy Engineering

Item No.	Description	Quantity	Units	Unit Cost	Total
1	Install Pedestrian Countdown Signal Heads at existing traffic lights at Clara Street Park. Includes installation, provide module, housing, and framework, activation push button, and any required drilling. Any exposed holes shall be plugged per Caltrans requirements (Framework to match existing). (Contractor to follow Caltrans and othe applicable Code & Standards and Install and Provide all Required Appertunnances) *	2	EA	\$ 4,000.00	\$ 8,000.00
2	Replace old non-working In-ground warning lights with the new In-Roadway Light System (Lanelight In-Pavement LED Lighted Crosswalk System MLK150.400 Series or approved equal). Includes installation: required poles and signage, wiring, cabinet, software, miscellaneous mounting hardware, excavation, concrete & asphalt work and traffic control. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *		EA	\$ 40,000.00	\$ -
3	Provide High Visibility Triple Four Crosswalk Traffic Striping with Reflective Markers. Thermoplastic. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	EA	\$ 3,000.00	\$ 3,000.00
4	Provide Traffic Striping Stop Bar and/ or Yield Line, STOP and SLOW SCHOOL X-ING Legends. Thermoplastic. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	LS	\$ 4,000.00	\$ 4,000.00
5	Construct ADA Compliace Whelchair Ramp. Includes base removal, backfill, and yellow federal Truncated Dome) *		EA	\$ 3,000.00	\$ -
	* See plan for locations				
				Sub-Total	\$ 15,000.00
				Sub-Total Construction (Site 9)	\$ 15,000.00

Detailed Engineer's Estimate For Construction Items Only

Agency: City of Cudahy, CA

Project Name: Cudahy Citywide Safe Routes to Schools Improvement Project (Pedestrian Crosswalks) - 2014 ATP Cycle 1

Project Location: Existing Non-Controlled Mid-Block Pedestrian Crosswalk at Clara St (In front of Elizabeth Learning Center) - SITE 10

School: Elizabeth Learning Center

Date of Estimate: May 10, 2014

Prepared by: City of Cudahy Engineering

Item No.	Description	Quantity	Units	Unit Cost	Total
1	Upgrade existing non-controlled mid-block pedestrian crosswalk: Install Pedestrian Activated Traffic Signal at existing Non-controlled mid-block pedestrian crosswalk. Includes Pedestrian Countdown Signal Heads. Includes also, excavation, foundations, wiring, cabinet, software, miscellaneous mounting hardware, signage, concrete & asphalt work and traffic control; for countdown signal heads provide module, housing, and framework, activation push button, and any required drilling. Any exposed holes shall be plugged per Caltrans requirements (Contractor to follow Caltrans, SPPWC and other applicable Code & Standards and Install and Provide all Required Appertunnances) *	1	EA	\$ 75,000.00	\$ 75,000.00
2	Replace old non-working In-ground warning lights with the new In-Roadway Light System (Lanelight In-Pavement LED Lighted Crosswalk System MLK150.400 Series or approved equal). Includes installation: required poles and signage, wiring, cabinet, software, miscellaneous mounting hardware, excavation, concrete & asphalt work and traffic control. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *		EA	\$ 40,000.00	\$ -
3	Provide High Visibility Triple Four Crosswalk Traffic Striping with Reflective Markers. Thermoplastic. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	EA	\$ 3,000.00	\$ 3,000.00
4	Provide Traffic Striping Stop Bar and/ or Yield Line, STOP and SLOW SCHOOL X-ING Legends. Thermoplastic. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	LS	\$ 4,000.00	\$ 4,000.00
5	Construct ADA Compliace Wheelchair Ramp. Includes base removal, backfill, and yellow federal Truncated Dome) *	2	EA	\$ 3,000.00	\$ 6,000.00
	* See plan for locations				
				Sub-Total	\$ 88,000.00
				Sub-Total Construction (Site 10)	\$ 88,000.00

**Detailed Engineer's Estimate
For Construction Items Only**

Agency: City of Cudahy, CA

Project Name: Cudahy Citywide Safe Routes to Schools Improvement Project (Pedestrian Crosswalks) - 2014 ATP Cycle 1

Project Location: Existing Non-Controlled Mid-Block Pedestrian Crosswalk at Elizabet St (In front of Elizabeth Learning Center) - SITE 11

School: Elizabeth Learning Center

Date of Estimate: May 10, 2014

Prepared by: City of Cudahy Engineering

Item No.	Description	Quantity	Units	Unit Cost	Total
1	Upgrade existing non-controlled mid-block pedestrian crosswalk: Install Pedestrian Activated Traffic Signal at existing Non-controlled mid-block pedestrian crosswalk. Includes Pedestrian Countdown Signal Heads. Includes also, excavation, foundations, wiring, cabinet, software, miscellaneous mounting hardware, signage, concrete & asphalt work and traffic control; for countdown signal heads provide module, housing, and framework, activation push button, and any required drilling. Any exposed holes shall be plugged per Caltrans requirements (Contractor to follow Caltrans, SPPWC and other applicable Code & Standards and Install and Provide all Required Appertunnances) *	1	EA	\$ 75,000.00	\$ 75,000.00
2	Provide High Visibility Triple Four Crosswalk Traffic Striping with Reflective Markers. Thermoplastic. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	EA	\$ 3,000.00	\$ 3,000.00
3	Provide Traffic Striping Stop Bar and/ or Yield Line, STOP and SLOW SCHOOL X-ING Legends. Thermoplastic. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	LS	\$ 4,000.00	\$ 4,000.00
4	Construct Concrete Bulb-out/ Curb Extension at Elizabeth St -South Side. Includes landscape and concrete & asphalt work. (Contractor to follow SPPWC Standards and other applicable code & Regulations; and Install and Provide all Required Appertunnances) *	2	LS	\$ 10,000.00	\$ 20,000.00
5	Construct ADA Compliace Wheelchair Ramp. Includes base removal, backfill, and yellow federal Truncated Dome) *	2	EA	\$ 3,000.00	\$ 6,000.00
	* See plan for locations				
Sub-Total					\$ 108,000.00
Sub-Total Construction (Site 11)					\$ 108,000.00

Detailed Engineer's Estimate For Construction Items Only

Agency: City of Cudahy, CA

Project Name: Cudahy Citywide Safe Routes to Schools Improvement Project (Pedestrian Crosswalks) - 2014 ATP Cycle 1

Project Location: Existing Pedestrian Crosswalk at Wilcox Ave & Elizabeth St Intersection (Four Corners) - SITE 12

School: Elizabeth Learning Center

Date of Estimate: May 11, 2014

Prepared by: City of Cudahy Engineering

Item No.	Description	Quantity	Units	Unit Cost	Total
1	Upgrade existing non-controlled pedestrian crosswalk/ intersection: Install BlinkerStop Flashing LED STOP Sign TAPCO R1-1 Activated Sign (or approved equal). Includes installation: required poles and signage, wiring, cabinet, software, miscellaneous mounting hardware, excavation, foundations, concrete & asphalt work and traffic control. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	4	EA	\$ 8,000.00	\$ 32,000.00
2	Replace old non-working In-ground warning lights with the new In-Roadway Light System (Lanelight In-Pavement LED Lighted Crosswalk System MLK150.400 Series or approved equal). Includes installation: required poles and signage, wiring, cabinet, software, miscellaneous mounting hardware, excavation, concrete & asphalt work and traffic control. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *		EA	\$ 40,000.00	\$ -
3	Provide High Visibility Triple Four Crosswalk Traffic Striping with Reflective Markers. Thermoplastic. (Contractor to follow SPPWC Standards and other applicable codes and install and Provide all Required Appertunnances) *	4	EA	\$ 3,000.00	\$ 12,000.00
4	Provide Traffic Striping Stop Bar and/ or Yield Line, STOP and SLOW SCHOOL X-ING Legends. Thermoplastic. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	LS	\$ 8,000.00	\$ 8,000.00
5	Construct ADA Complye Wheelchair Ramp. Includes base removal, backfill, and yellow federal Truncated Dome *		EA	\$ 3,000.00	\$ -
	* See plan for locations				
				Sub-Total	\$ 52,000.00
				Sub-Total construction (Site 12)	\$ 52,000.00

Detailed Engineer's Estimate For Construction Items Only

Agency: City of Cudahy, CA

Project Name: Cudahy Citywide Safe Routes to Schools Improvement Project (Pedestrian Crosswalks) - 2014 ATP Cycle 1

Project Location: Existing Pedestrian Crosswalks at Wilcox Ave & Clara St Intersection - SITE 13

School: Elizabeth Learning Center & Ellen Ochoa Learning Center

Date of Estimate: May 11, 2014

Prepared by: City of Cudahy Engineering

Item No.	Description	Quantity	Units	Unit Cost	Total
1	Upgrade existing intersection: Revise Timing Sheet to Increase Leading Pedestrian Interval (both directions). Includes field cabinet synchronization and miscellaneous mounting hardware and/or software. (Contractor to follow applicable Code & Standards per LA County and Install and Provide all Required Appertunnances) *	1	EA	\$ 5,000.00	\$ 5,000.00
2	Replace old non-working In-ground warning lights with the new In-Roadway Light System (Lanelight In-Pavement LED Lighted Crosswalk System MLK150.400 Series or approved equal). Includes installation: required poles and signage, wiring, cabinet, software, miscellaneous mounting hardware, excavation, concrete & asphalt work and traffic control. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *		EA	\$ 40,000.00	\$ -
3	Provide High Visibility Triple Four Crosswalk Traffic Striping with Reflective Markers. Thermoplastic. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *		EA	\$ 3,000.00	\$ -
4	Provide Traffic Striping Stop Bar and/ or Yield Line, STOP and SLOW SCHOOL X-ING Legends. Thermoplastic. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *		LS	\$ 4,000.00	\$ -
5	Construct ADA Compliace Wheelchair Ramp. Includes base removal, backfill, and yellow federal Truncated Dome *	1	EA	\$ 3,000.00	\$ 3,000.00
	* See plan for locations				

Sub-Total \$ **8,000.00**

Sub-Total Construction (Site 13) \$ **8,000.00**

Detailed Engineer's Estimate For Construction Items Only

Agency: City of Cudahy, CA

Project Name: Cudahy Citywide Safe Routes to Schools Improvement Project (Pedestrian Crosswalks) - 2014 ATP Cycle 1

Project Location: Existing Controlled Mid-Block Pedestrian Crosswalk at Clara St (In front of Teresa Hughes Elementary School) - SITE 14

School: Teresa Hughes Elementary School

Date of Estimate: May 11, 2014

Prepared by: City of Cudahy Engineering

Item No.	Description	Quantity	Units	Unit Cost	Total
1	Install Pedestrian Countdown Signal Heads at existing traffic lights at Clara Street Park. Includes installation, provide module, housing, and framework, activation push button, and any required drilling. Any exposed holes shall be plugged per Caltrans requirements (Framework to match existing). (Contractor to follow Caltrans and othe applicable Code & Standards and Install and Provide all Required Appertunnances) *	2	EA	\$ 4,000.00	\$ 8,000.00
2	Construct Concrete Bulb-out/ Curb Extension at Elizabeth St -South Side. Includes landscape and concrete & asphalt work. (Contractor to follow SPPWC Standards and other applicable code & Regulations; and Install and Provide all Required Appertunnances) *	2	EA	\$ 10,000.00	\$ 20,000.00
3	Provide High Visibility Triple Four Crosswalk Traffic Striping with Reflective Markers. Thermoplastic. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	EA	\$ 3,000.00	\$ 3,000.00
4	Provide Traffic Striping Stop Bar and/ or Yield Line, STOP and SLOW SCHOOL X-ING Legends. Thermoplastic. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	LS	\$ 4,000.00	\$ 4,000.00
5	Install Pedestrian Croosing Signage at Existing Traffic Light Arm. Both directions. Per applicable Code and Regulations for School Zones.	2	EA	\$ 1,500.00	\$ 3,000.00
6	Construct ADA Complye Wheelchair Ramp. Includes base removal, backfill, and yellow federal Truncated Dome) *	2	EA	\$ 3,000.00	\$ 6,000.00
	* See plan for location				
				Sub-Total	\$ 44,000.00
				Sub-Total Construction (Site 14)	\$ 44,000.00

Detailed Engineer's Estimate For Construction Items Only

Agency: City of Cudahy, CA

Project Name: Cudahy Citywide Safe Routes to Schools Improvement Project (Pedestrian Crosswalks) - 2014 ATP Cycle 1

Project Location: Existing Non-controlled Pedestrian Crosswalk at Olive St & Otis Ave Intersection (3 Corners) - SITE 15

School: Teresa Hughes Elementary School

Date of Estimate: May 11, 2014

Prepared by: City of Cudahy Engineering

Item No.	Description	Quantity	Units	Unit Cost	Total
1	Upgrade existing non-controlled pedestrian crosswalk/ intersection: Install BlinkerStop Flashing LED STOP Sign TAPCO R1-1 Activated Sign (or approved equal). Includes installation, required poles and signage, wiring, battery, cabinet, software, miscellaneous mounting hardware, and concrete & asphalt work. (Contractor to follow SPPWC Standards and Install and Provide all Required Appertunnances) *		EA	\$ 8,000.00	\$ -
2	Replace old non-working In-ground warning lights with the new In-Roadway Light System (Lanelight In-Pavement LED Lighted Crosswalk System MLK150.400 Series or approved equal). Includes installation: required poles and signage, wiring, cabinet, software, miscellaneous mounting hardware, excavation, concrete & asphalt work and traffic control. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *		EA	\$ 40,000.00	\$ -
3	Provide High Visibility Triple Four Crosswalk Traffic Striping with Reflective Markers. Thermoplastic. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	2	EA	\$ 3,000.00	\$ 6,000.00
4	Provide Traffic Striping Stop Bar and/ or Yield Line, STOP and SLOW SCHOOL X-ING Legends. Thermoplastic. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	LS	\$ 6,000.00	\$ 6,000.00
5	Construct ADA Complyce Wheelchair Ramp. Includes base removal, backfill, and yellow federal Truncated Dome *	1	EA	\$ 3,000.00	\$ 3,000.00
	* See plan for locations				
				Sub-Total	\$ 15,000.00
				Sub-Total Construction (Site 15)	\$ 15,000.00

Detailed Engineer's Estimate For Construction Items Only

Agency: City of Cudahy, CA

Project Name: Cudahy Citywide Safe Routes to Schools Improvement Project (Pedestrian Crosswalks) - 2014 ATP Cycle 1

Project Location: Existing Pedestrian Crosswalk at Elizabet St & Otis Ave Intersection (Four Corners) - SITE 16

School: Teresa Hughes Elementary School

Date of Estimate: May 11, 2014

Prepared by: City of Cudahy Engineering

Item No.	Description	Quantity	Units	Unit Cost	Total
1	Upgrade existing non-controlled pedestrian crosswalk/ intersection: Install BlinkerStop Flashing LED STOP Sign TAPCO R1-1 (or approved equal). Includes installation: required poles and signage, wiring, cabinet, software, miscellaneous mounting hardware, excavation, foundations, concrete & asphalt work and traffic striping (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	4	EA	\$ 8,000.00	\$ 32,000.00
2	Replace old non-working In-ground warning lights with the new In-Roadway Light System (Lanelight In-Pavement LED Lighted Crosswalk System MLK150.400 Series or approved equal). Includes installation: required poles and signage, wiring, cabinet, software, miscellaneous mounting hardware, excavation, concrete & asphalt work and traffic control. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *		EA	\$ 40,000.00	\$ -
3	Provide High Visibility Triple Four Crosswalk Traffic Striping with Reflective Markers. Thermoplastic. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	4	EA	\$ 3,000.00	\$ 12,000.00
4	Provide Traffic Striping Stop Bar and/ or Yield Line, STOP and SLOW SCHOOL X-ING Legends. Thermoplastic. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	LS	\$ 8,000.00	\$ 8,000.00
5	Construct ADA Compliace Whelchair Ramp. Includes base removal, backfill, and yellow federal Truncated Dome *	4	EA	\$ 3,000.00	\$ 12,000.00
	* See plan for locations				
Sub-Total				\$	64,000.00
Sub-Total Construction (Site 16)				\$	64,000.00

Detailed Engineer's Estimate For Construction Items Only

Agency: City of Cudahy, CA

Project Name: Cudahy Citywide Safe Routes to Schools Improvement Project (Pedestrian Crosswalks) - 2014 ATP Cycle 1

Project Location: Existing Intersection of Live Oak St & School Turnaround (In front of Jaime Escalante Elementary School) - SITE 17

School: Jaime Escalante Elementary School

Date of Estimate: May 11, 2014

Prepared by: City of Cudahy Engineering

Item No.	Description	Quantity	Units	Unit Cost	Total
1	Install Rectangular Rapid Flashing Beacon (RRFB) LED Pedestrian Activated Crosswalk Warning System LaneLight RRFB (or approved equal). Includes installation: required poles and signage, wiring, cabinet, software, miscellaneous mounting hardware, excavation, foundations, concrete & asphalt work and traffic control. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	EA	\$ 18,500.00	\$ 18,500.00
2	Install In-Roadway Light System (Lanelight In-Pavement LED Lighted Crosswalk System MLK150.400 Series or approved equal). Includes installation: required poles and signage, wiring, cabinet, software, miscellaneous mounting hardware, excavation, concrete & asphalt work and traffic control. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	EA	\$ 40,000.00	\$ 40,000.00
3	Construct Pedestrian Raised Crosswalk. Includes asphalt and concrete work. Includes concrete bulb-out modification (Contractor to follow applicable Code & Standards and Install and Provide all Required Appertunnances) *	1	EA	\$ 18,000.00	\$ 18,000.00
4	Provide High Visibility Triple Four Crosswalk Traffic Striping with Reflective Markers. Thermoplastic. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	EA	\$ 3,000	\$ 3,000.00
5	Provide Traffic Striping Stop Bar and/ or Yield Line, STOP and SLOW SCHOOL X-ING Legends. Thermoplastic. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	LS	\$ 4,000.00	\$ 4,000.00
6	Install Yellow Federal Truncated Dome at Existing Sidewalks (Detectable Warning Dome per ADA Requirements).	2	EA	\$ 1,000.00	\$ 2,000.00
7	Construct ADA Compliace Wheelchair Ramp. Includes base removal, backfill, and yellow federal Truncated Dome. (Contractor to follow SPPWC Standards and Install and Provide all Required Appertunnances) *	1	EA	\$ 3,000.00	\$ 3,000.00
	* See plan for locations				
Sub-Total					\$ 88,500.00
Sub-Total Construction (Site 17)					\$ 88,500.00

Detailed Engineer's Estimate For Construction Items Only

Agency: City of Cudahy, CA

Project Name: Cudahy Citywide Safe Routes to Schools Improvement Project (Pedestrian Crosswalks) - 2014 ATP Cycle 1

Project Location: Existing Bike & Pedestrian Access to Los Angeles River Bike Path at Clara North & River Rd - SITE 18

School: Bike and Pedestrian Access to Los Angeles River Bike Path

Date of Estimate: May 11, 2014

Prepared by: City of Cudahy Engineering

Item No.	Description	Quantity	Units	Unit Cost	Total
1	Upgrade existing non-controlled pedestrian crosswalk: Install Rectangular Rapid Flashing Beacon (RRFB) LED Pedestrian Activated Crosswalk Warning System LaneLight RRFB (or approved equal). Includes installation: required poles and signage, wiring, cabinet, software, miscellaneous mounting hardware, excavation, foundations, concrete & asphalt work and traffic control. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *		EA	\$ 18,500.00	\$ -
2	Replace old non-working In-ground warning lights with the new In-Roadway Light System (LaneLight In-Pavement LED Lighted Crosswalk System MLK150.400 Series or approved equal). Includes installation: required poles and signage, wiring, cabinet, software, miscellaneous mounting hardware, excavation, concrete & asphalt work and traffic control. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *		EA	\$ 40,000.00	\$ -
3	Provide High Visibility Triple Four Crosswalk Traffic Striping with Reflective Markers. Thermoplastic. (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *		EA	\$ 3,000.00	\$ -
4	Provide Traffic Striping Stop Bar and/ or Yield Line, STOP and SLOW BIKE X-ING Legends. Thermoplastic. Includes Signage (Contractor to follow SPPWC Standards and other applicable codes and Install and Provide all Required Appertunnances) *	1	LS	\$ 4,000.00	\$ 4,000.00
5	Construct ADA Complyce Wheelchair Ramp. Includes base removal, backfill, bridge concrete curb approach modifications, yellow federal Truncated Dome, and other miscellaneous items such as traffic control *	1	EA	\$ 7,500.00	\$ 7,500.00
	* See plan for locations				
				Sub-Total	\$ 11,500.00
				Sub-Total Construction (Site 18)	\$ 11,500.00

Attachment:
Preliminary Plans

CUDAHY, CA



ATP GRANT APPLICATION
CYCLE 1 CROSSWALK
IMPROVEMENT LOCATIONS
(SAFE ROUTES TO SCHOOL)

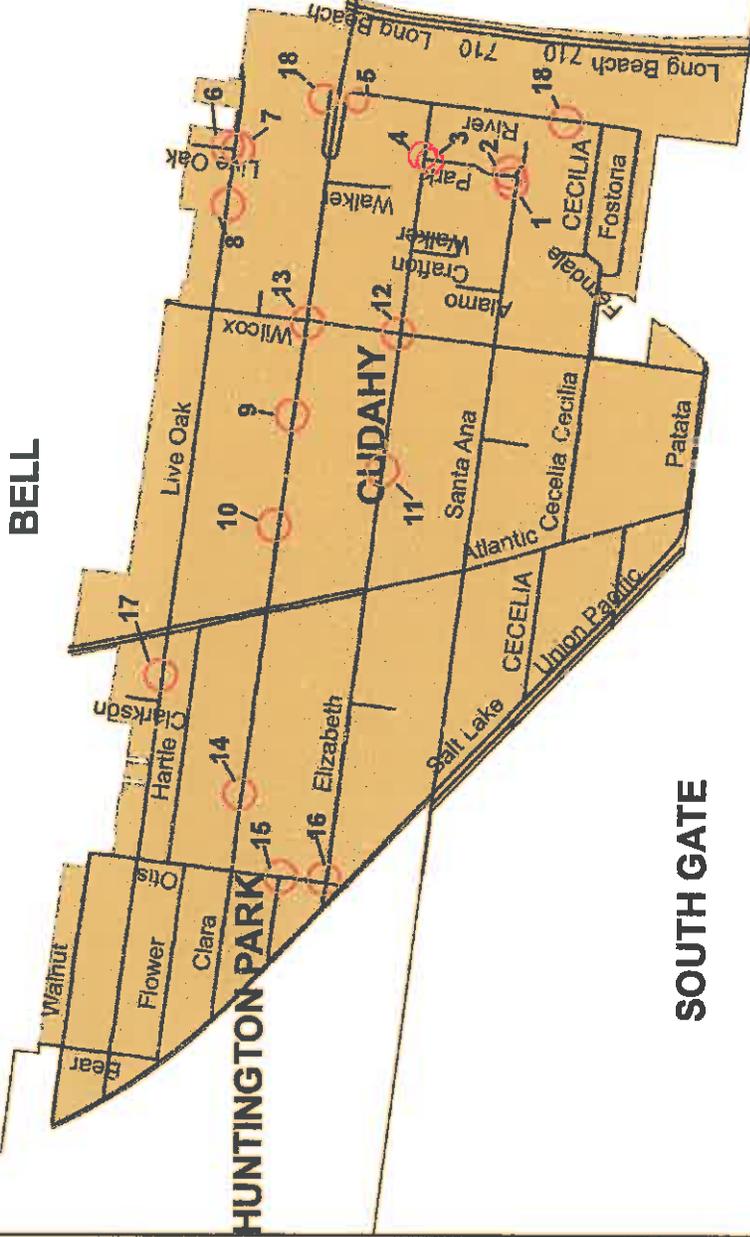
Mapped Area



BELL

BELL GARDENS

SOUTH GATE



SCHOOLS AND FACILITY

SITE	SCHOOLS AND FACILITY
1,2,3,4	PARK AVE ELEMETARY SCHOOL
5,18	ACCESS TO L.A. RIVER BIKEWAY PATH
6,7,8	ELLEN OCHOA LEARNING CENTER
9,10,11,12	ELIZABETH LEARNING CENTER
13	JAIME ESCALANTE ELEMENTARY SCHOOL
14,15,16	TERESA HUGHES ELEMENTARY SCHOOL
17	JAIME ESCALANTE ELEMENTARY SCHOOL

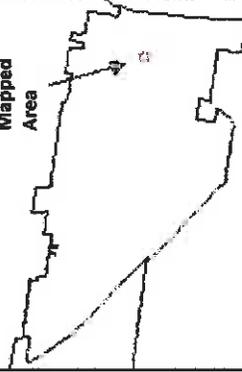
CUDAHY, CA



PARK AVENUE
ELEMENTARY SCHOOL

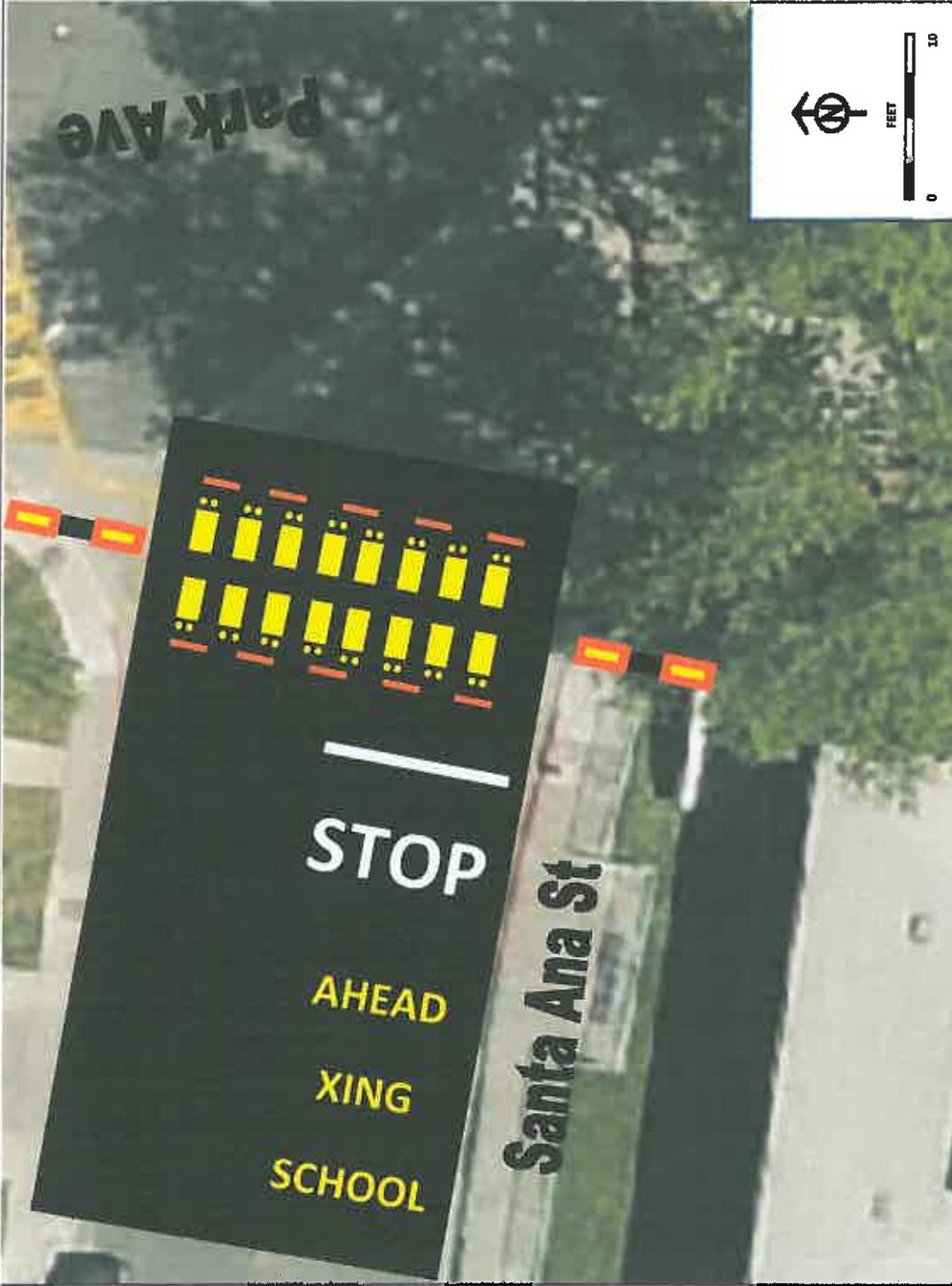
8020 PARK AVE
Cudahy, CA 90201

Mapped
Area

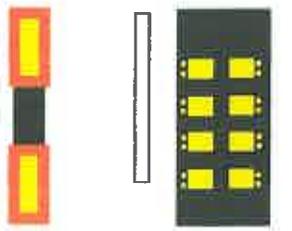


SITE No.1

Existing Non-Controlled
School Crosswalk SANTA
ANA ST & PARK AVE
(ALONG SANTA ANA ST)
PARK AVENUE
ELEMENTARY SCHOOL



- AHEAD XING SCHOOL**
- STOP**
- RECTANGULAR RAIPD FLASHING BEACON (RRFB) LED CROSSWALK WARNING SYSTEM (INCLUDES SIGNAGE)**
- STOP BAR**
- TRIPLE FOUR CROSSWALK HIGH VISIBILITY TRAFFIC STRIPING WITH REFLECTIVE MARKERS**
- SCHOOL XING AHEAD LEGEND (TRAFFIC STRIPING)**
- STOP (TRAFFIC STRIPING)**
- IN-ROAD WARNING LIGHTS**

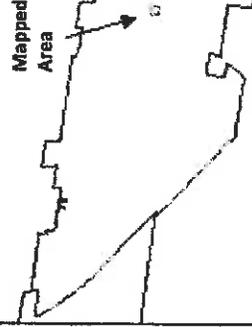


CUDAHY, CA



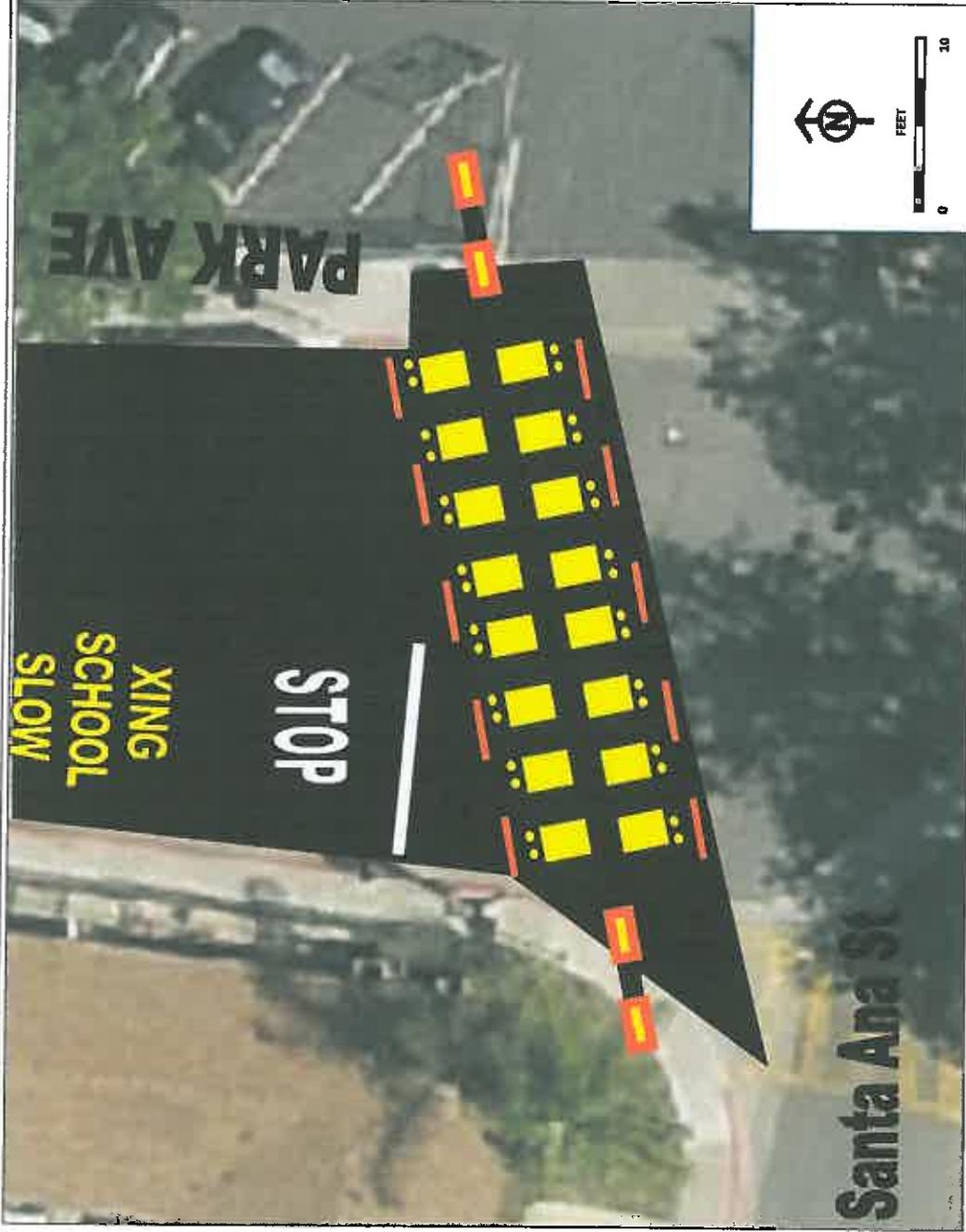
PARK AVENUE
ELEMENTARY SCHOOL

8020 PARK AVE
Cudahy, CA 90201



SITE No.2

Existing Non-Controlled
School Crosswalk SANTA
ANA ST & PARK AVE
(ALONG PARK AVE) PARK
AVENUE ELEMENTARY
SCHOOL



RECTANGULAR RAIPD FLASHING
BEACON (RRFB) LED CROSSWALK
WARNING SYSTEM (INCLUDES SIGNAGE)



STOP BAR



TRIPLE FOUR CROSSWALK HIGH
VISIBILITY TRAFFIC STRIPPING WITH
REFLECTIVE MARKERS



XING
SCHOOL
SLOW

STOP

SCHOOL X-ING AHEAD LEGEND
(TRAFFIC STRIPPING)

STOP (TRAFFIC STRIPPING)

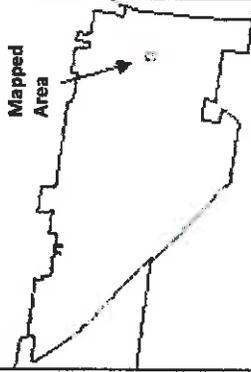
IN-ROAD WARNING LIGHTS

CUDAHY, CA



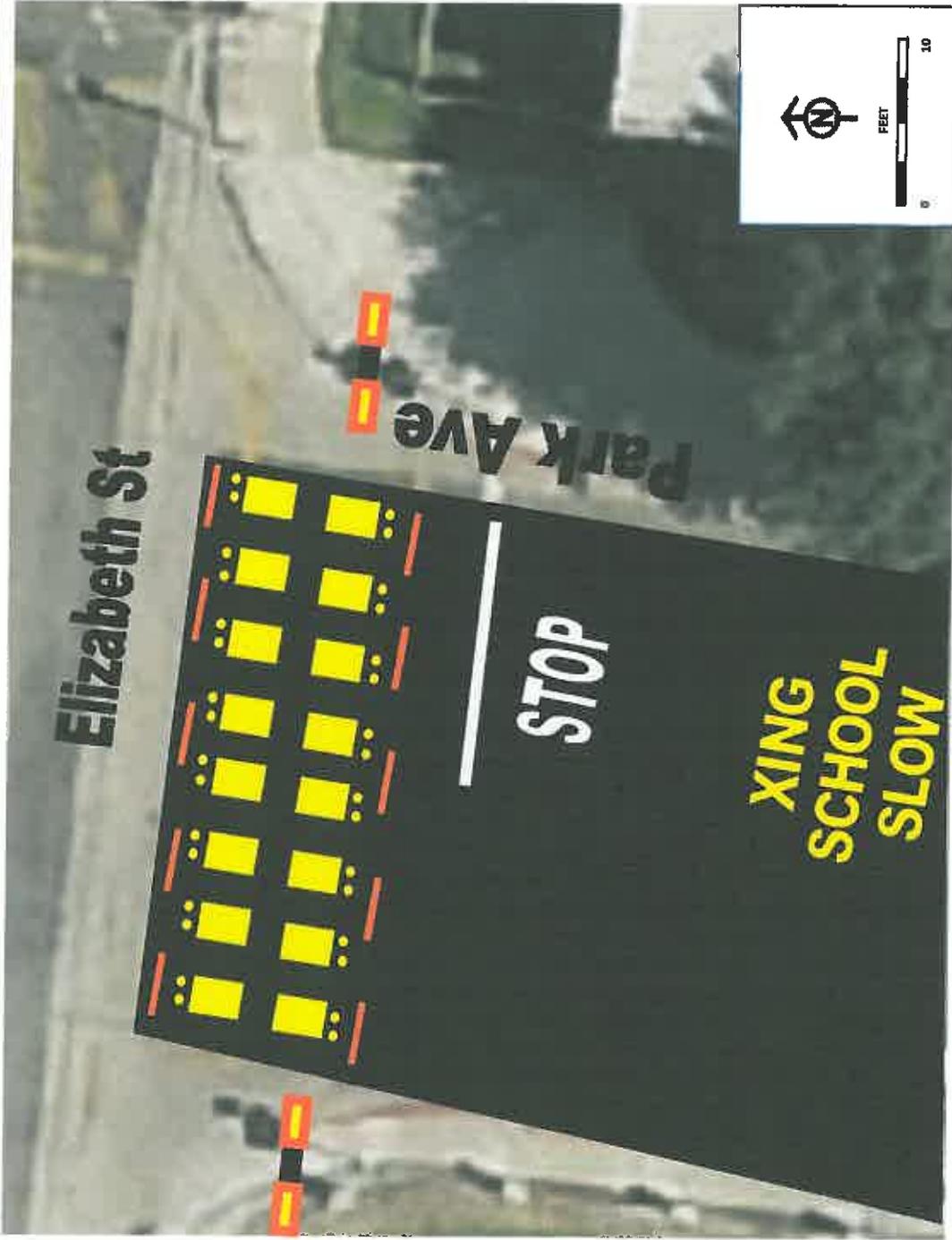
PARK AVENUE
ELEMENTARY SCHOOL

8020 PARK AVE
Cudahy, CA 90201



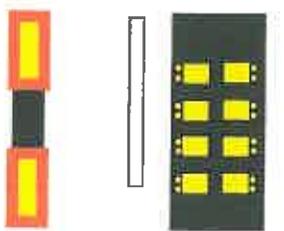
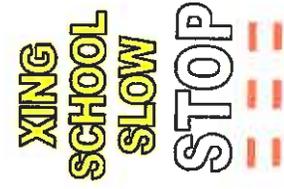
SITE No.3

Existing Non-Controlled
Pedestrian Crosswalk
PARK AVE & ELIZABETH
ST (ALONG PARK AVE)
PARK AVENUE
ELEMENTARY SCHOOL



RECTANGULAR RAIPD FLASHING
BEACON (RRFB) LED CROSSWALK
WARNING SYSTEM (INCLUDES SIGNAGE)
STOP BAR
TRIPLE FOUR CROSSWALK HIGH
VISIBILITY TRAFFIC STRIPPING WITH
REFLECTIVE MARKERS

SCHOOL X-ING AHEAD LEGEND
(TRAFFIC STRIPPING)
STOP (TRAFFIC STRIPPING)
IN-ROAD WARNING LIGHTS

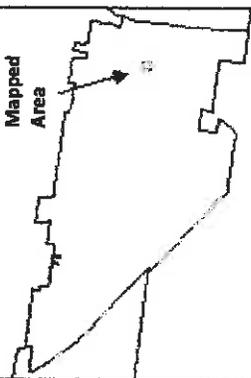


CUDAHY, CA



PARK AVENUE
ELEMENTARY SCHOOL

8020 PARK AVE
Cudahy, CA 90201

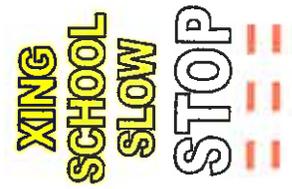


SITE No. 4

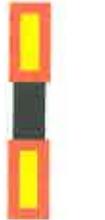
Existing Non-Controlled
Pedestrian Crosswalk at
PARK AVE & ELIZABETH
ST (ALONG ELIZABETH)
PARK AVENUE
ELEMENTARY SCHOOL



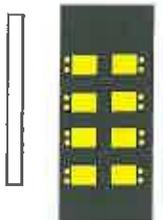
SCHOOL X-ING AHEAD LEGEND
(TRAFFIC STRIPPING)
STOP (TRAFFIC STRIPPING)
IN-ROAD WARNING LIGHTS



RECTANGULAR RAIPD FLASHING
BEACON (RRFB) LED CROSSWALK
WARNING SYSTEM (INCLUDES SIGNAGE)



STOP BAR
TRIPLE FOUR CROSSWALK HIGH
VISIBILITY TRAFFIC STRIPPING WITH
REFLECTIVE MARKERS



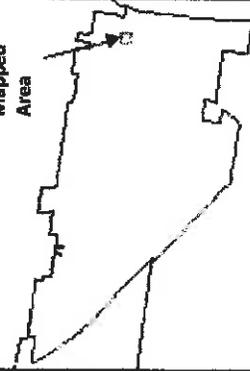
CUDAHY, CA



River Road and Clara Service Road

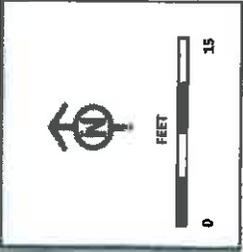
Cudahy, CA 90201

Mapped Area



SITE No.5

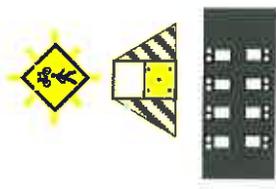
Existing Non-Controlled Pedestrian and Bike Crosswalk at RIVER ROAD & CLARA ST SOUTH (ALONG RIVER RD) PEDESTRIAN & BIKE ACCESS TO LOS ANGELES RIVER BIKEWAY PATH



SLOW AHEAD LEGEND (TRAFFIC STRIPPING)
STOP (TRAFFIC STRIPPING)
IN-ROAD WARNING LIGHTS



BLINKER SIGN PEDESTRIAN AND BIKE PATH LED WARNING SYTEM
ADA COMPLIANCE WHEELCHAIR RAMP
TRIPLE FOUR CROSSWALK HIGH VISIBILITY TRAFFIC STRIPPING WITH REFLECTIVE MARKERS

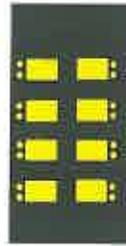


Live Oak St

Crafton Ave



RECTANGULAR RAPID FLASHING BEACON (RRFB) LED CROSSWALK WARNING SYSTEM (INCLUDES SIGNAGE)



TRIPLE FOUR CROSSWALK HIGH VISIBILITY TRAFFIC STRIPING WITH REFLECTIVE MARKERS
STOP BAR

AHEAD XING SCHOOL

SCHOOL XING AHEAD LEGEND (TRAFFIC STRIPING)

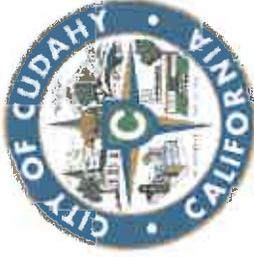
STOP

STOP (TRAFFIC STRIPING)



IN-ROAD WARNING LIGHTS
STOP BAR

CUDAHY, CA



ELLEN OCHOA LEARNING CENTER

5027 Live Oak Street
Cudahy, CA 90201

Mapped Area



SITE No.6

EXISTING NON-CONTROLLED SCHOOL CROSSWALK AT CRAFTON ON LIVE OAK ST ELLEN OCHOA LEARNING CENTER)

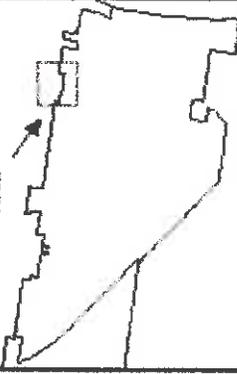
CUDAHY, CA



ELLEN OCHOA LEARNING CENTER

5027 Live Oak Street
Cudahy, CA 90201

Mapped Area



SITE No.7

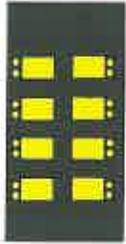
EXISTING NON-CONTROLLED SCHOOL CROSSWALK AT CRAFTON AVE & LIVE OAK ST (ALONG LIVE OAK ST) ELLEN OCHOA LEARNING CENTER



RECTANGULAR RAPID FLASHING BEACON (RRFB) LED CROSSWALK WARNING SYSTEM (INCLUDES SIGNAGE)



FLASHING STOP SIGN



TRIPLE FOUR CROSSWALK HIGH VISIBILITY TRAFFIC STRIPPING WITH REFLECTIVE MARKERS

STOP BAR



STOP BAR

STOP

STOP (TRAFFIC STRIPPING)

CUDAHY, CA



ELLEN OCHOA LEARNING CENTER

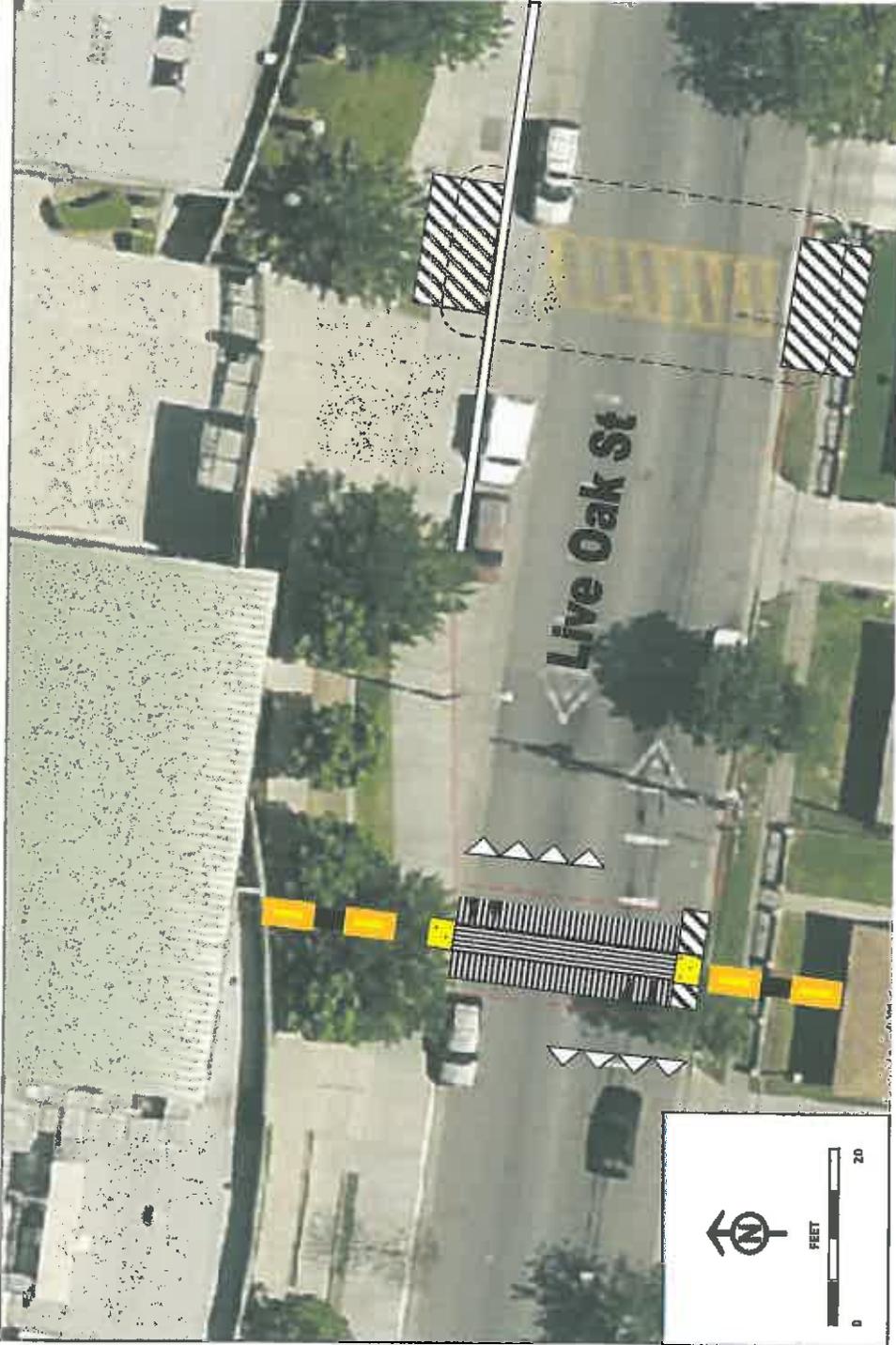
5027 Live Oak Street
Cudahy, CA 90201

Mapped Area



SITE No.8

NEW RAISED CROSSWALK
AT ELLEN OCHOA



TRUCATED DOME



NEW SIDEWALK



YEILD LINE



DROP-OFF/PICK-UP



EXISTING CROSSWALK TO BE
REMOVED



RAISED CROSSWALK WITH REFLECTIVE
MARKERS



RECTANGULAR RAPID FLASHING
BEACON (RRFB) LED CROSSWALK



WARNING SYSTEM (INCLUDES SIGNAGE)

IN-ROAD WARNING LIGHTS



CUDAHY, CA



CLARA PARK

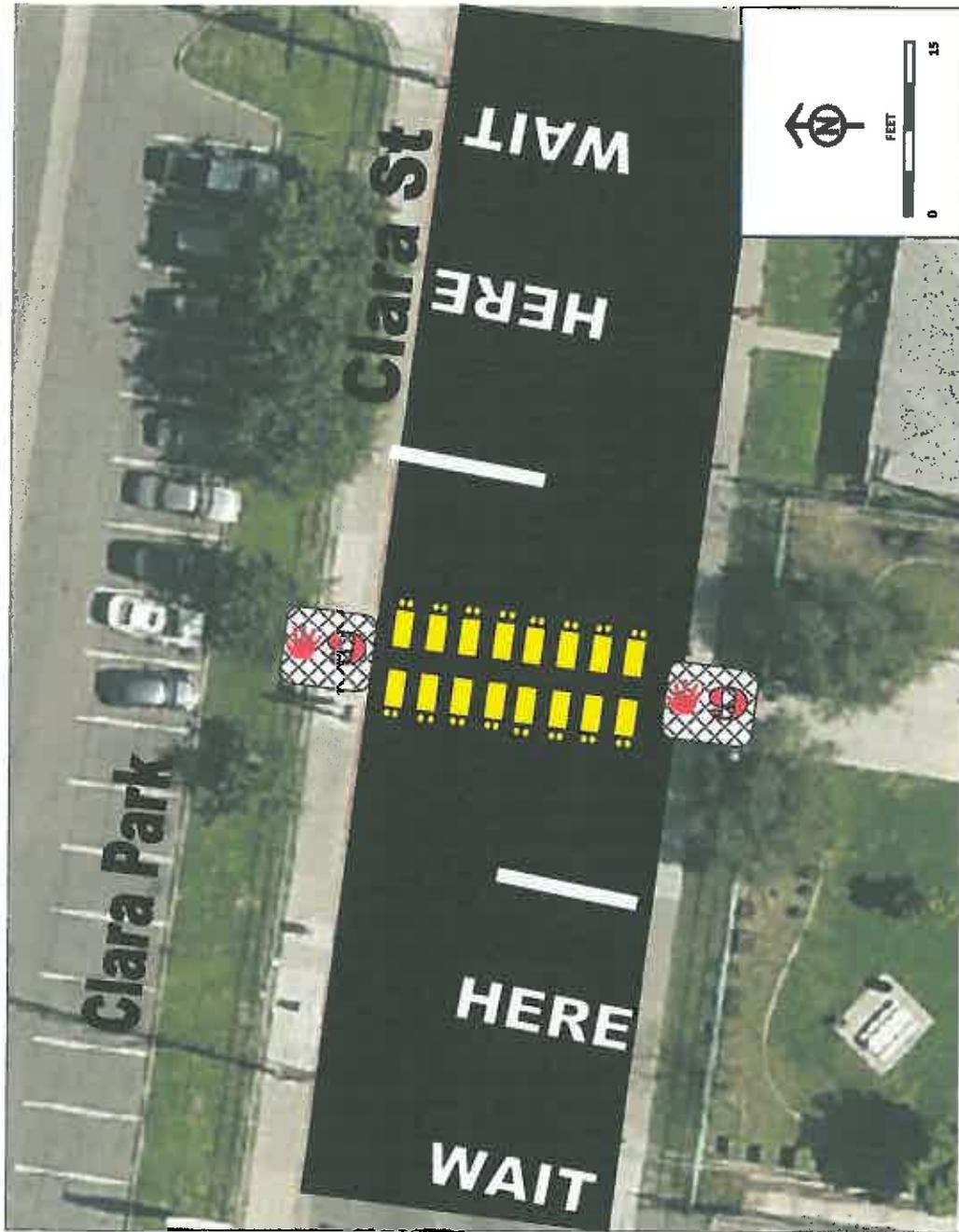
Cudahy, CA 90201

Mapped Area



SITE No.9

EXISTING CONTROLLED PEDESTRIAN CROSSWALK AT CLARA ST (CLARA/GYM AND ACCESS) CITY COMMUNITY SERVICES



STOP BAR

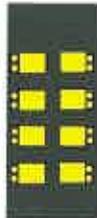


WAIT HERE LEGEND

HERE

WAIT

TRIPLE FOUR CROSSWALK HIGH VISIBILITY TRAFFIC STRIPPING WITH REFLECTIVE MARKERS (INCLUDES SIGNAGE)



PEDESTRIAN COUNTDOWN SIGNAL HEAD



CUDAHY, CA



ELIZABETH LEARNING CENTER

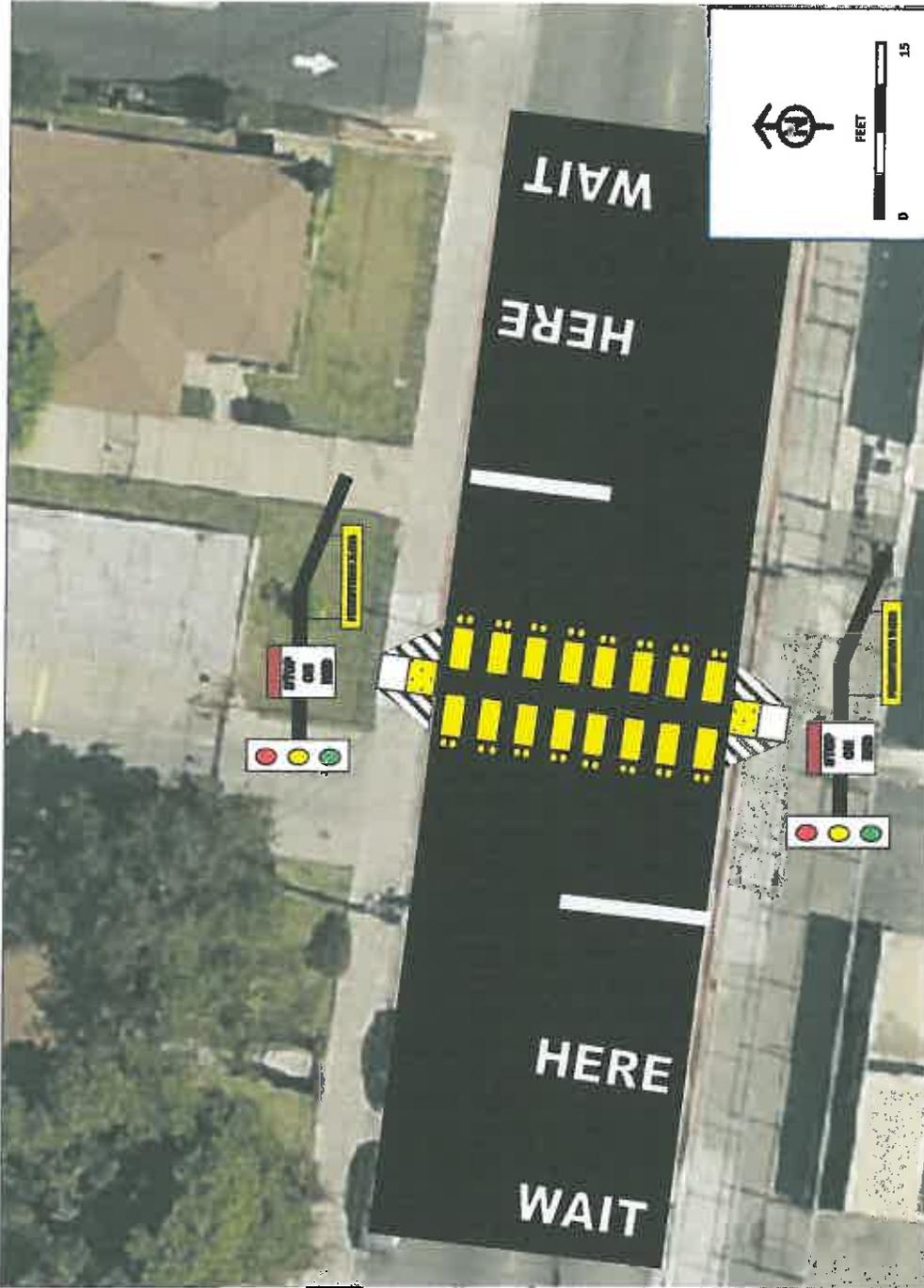
4811 Elizabeth Street
Cudahy, CA 90201

Mapped Area



SITE No.10

EXISTING CONTROLLED SCHOOL PEDESTRIAN CROSSWALK AT ELIZABETH LEARNING CENTER (CLARA ST ENTRY)



STOP BAR



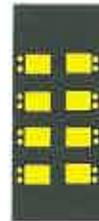
WAIT HERE LEGEND



PEDESTRIAN ACTIVATED SIGNAL (INCLUDES PEDESTRIAN COUNTDOWN SIGNAL HEAD)



TRIPLE FOUR CROSSWALK HIGH VISIBILITY TRAFFIC STRIPING WITH REFLECTIVE MARKERS (INCLUDES SIGNAGE)



ADA COMPLIANCE WHEELCHAIR RAMP



CUDAHY, CA



ELIZABETH LEARNING CENTER

4811 Elizabeth Street
Cudahy, CA 90201

Mapped Area

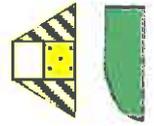
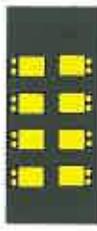


SITE No.11

EXISTING NON-CONTROLLED SCHOOL PEDESTRIAN CROSSWALK AT ELIZABETH LEARNING CENTER (ELIZABETH ENTRY)



- TRIPLE FOUR CROSSWALK HIGH VISIBILITY TRAFFIC STRIPPING WITH REFLECTIVE MARKERS (INCLUDES SIGNAGE)
- ADA COMPLIANCE WHEELCHAIR RAMP BULB-OUT/CURB EXTENSION
- STOP BAR
- WAIT HERE LEGEND
- PEDESTRIAN ACTIVATED SIGNAL (INCLUDES PEDESTRIAN COUNTDOWN SIGNAL)



HERE
WAIT



CUDAHY, CA



ELIZABETH LEARNING CENTER

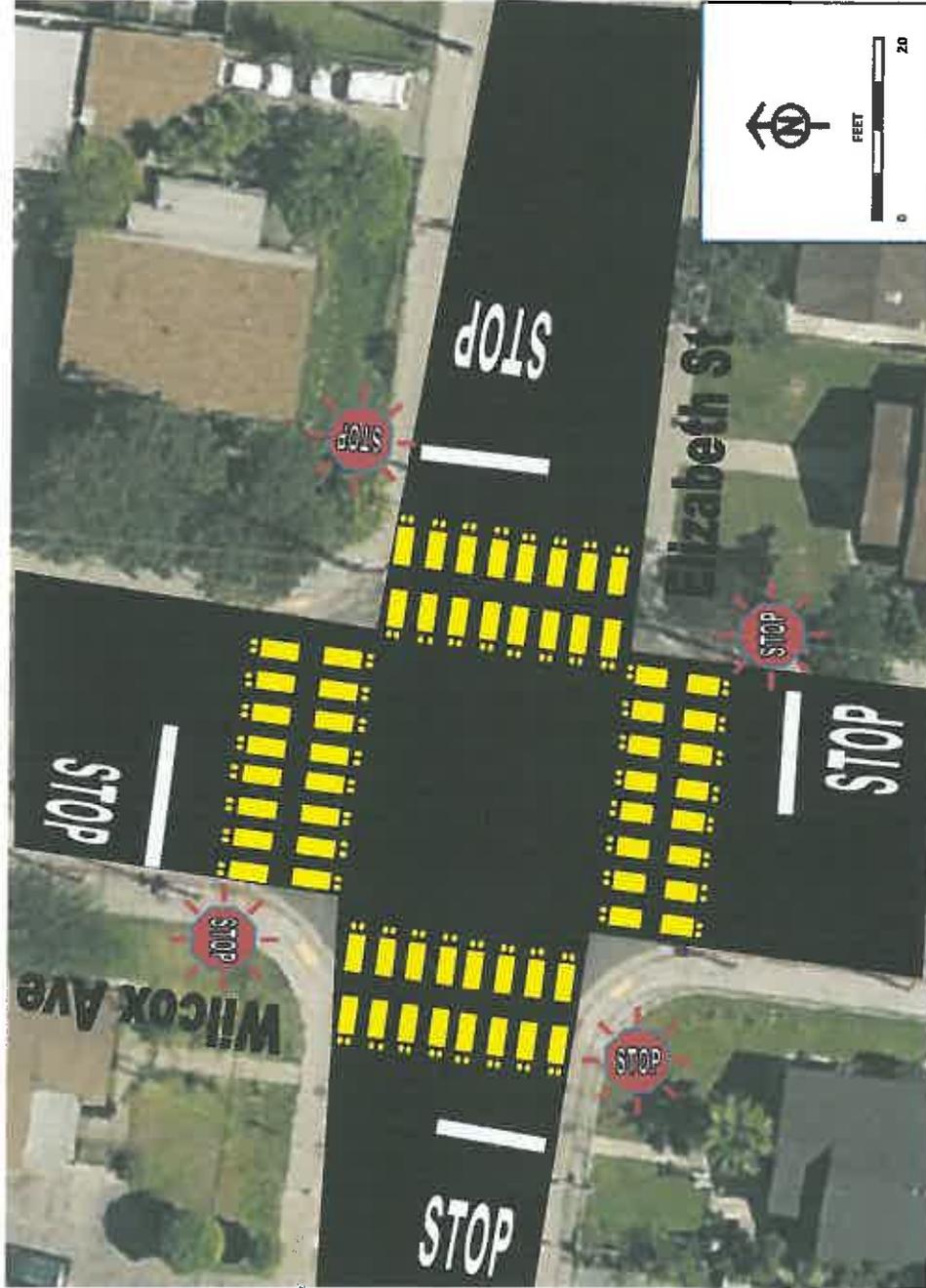
4811 Elizabeth Street
Cudahy, CA 90201

Mapped Area

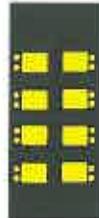


SITE No.12

INTERSECTION AT WILCOX AVE AND ELIZABETH ST (IMMEDIATE INTERSECTION TO ELIZABETH LEARNING CENTER)



TRIPLE FOUR CROSSWALK HIGH VISIBILITY TRAFFIC STRIPING WITH REFLECTIVE MARKERS (INCLUDES SIGNAGE)



STOP BAR



STOP LEGEND



FLASHING STOP SIGN



CUDAHY, CA



ELIZABETH LEARNING CENTER

4811 Elizabeth Street
Cudahy, CA 90201

Mapped Area



SITE No.13

INTERSECTION AT WILCOX AVE AND CLARA ST (IMMEDIATE INTERSECTION TO ELIZABETH LEARNING CENTER)



INCREASE LEADING PEDESTRIAN INTERVAL (BOTH DIRECTIONS) TIMING SHEET UPGRADE



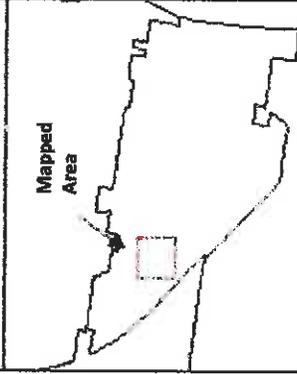
CUDAHY, CA



TERESA HUGHES
ELEMENTARY SCHOOL

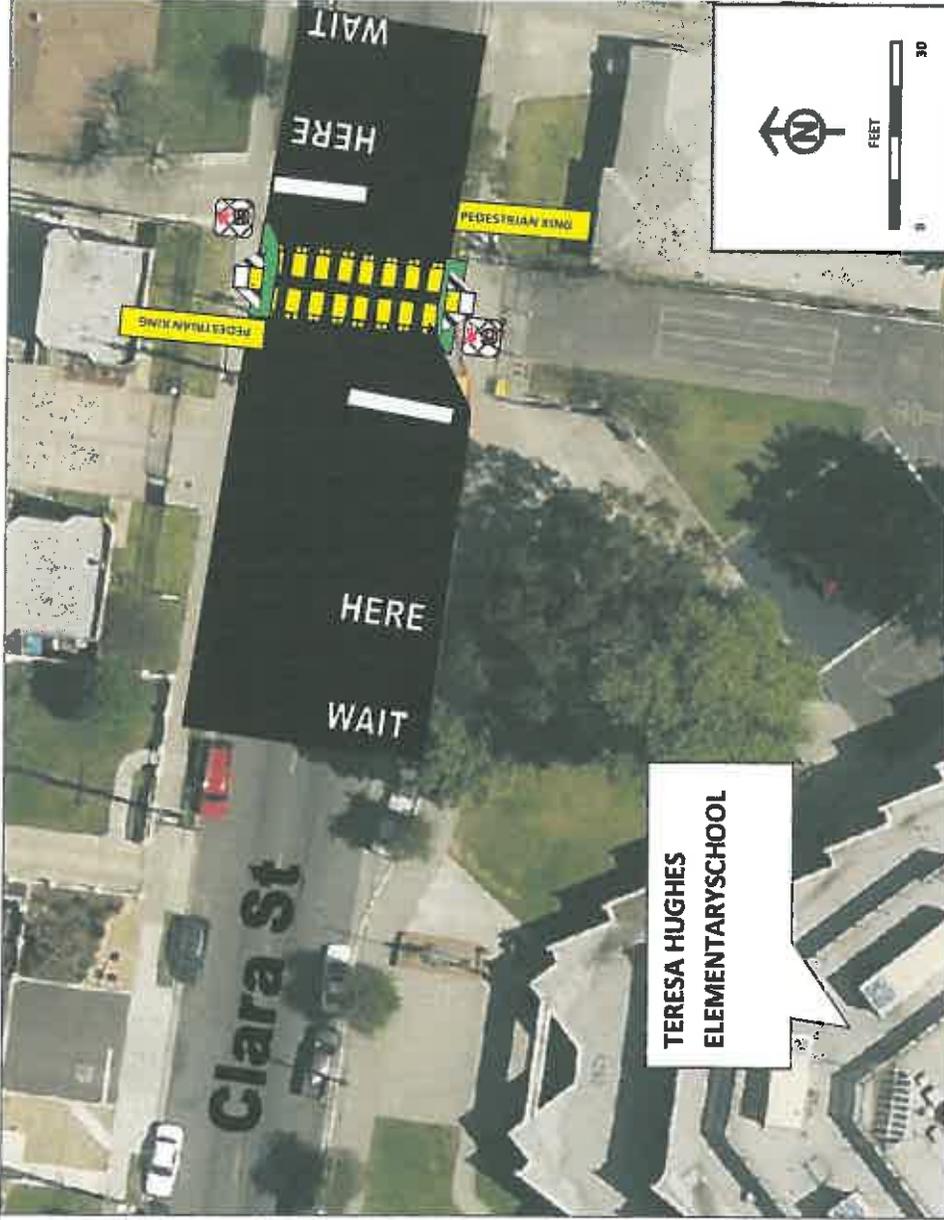
4242 Clara St
Cudahy, CA 90201

Mapped
Area



SITE No.14

EXISTING CONTROLLED
SCHOOL CROSSWALK IN
FRONT PEDESTRIAN OF
TERESA HUGHES
ELEMENTARY SCHOOL



TERESA HUGHES
ELEMENTARY SCHOOL



TRIPLE FOUR CROSSWALK HIGH
VISIBILITY TRAFFIC STRIPPING WITH
REFLECTIVE MARKERS (INCLUDES
SIGNAGE)



BUILD-OUT/ CURB EXTENSION



ADA COMPLIANCE WHEELCHAIR RAMP



PEDESTRIAN COUNTDOWN
SIGNAL HEAD



PEDESTRIAN XING SIGN

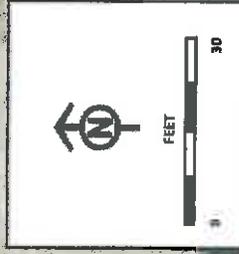


STOP BAR

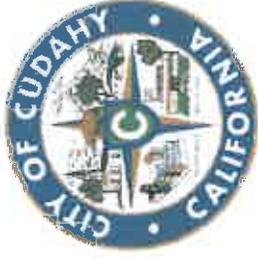
HERE

WAIT HERE LEGEND

WAIT



CUDAHY, CA



TERESA HUGHES
ELEMENTARY SCHOOL

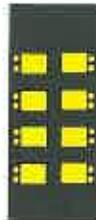
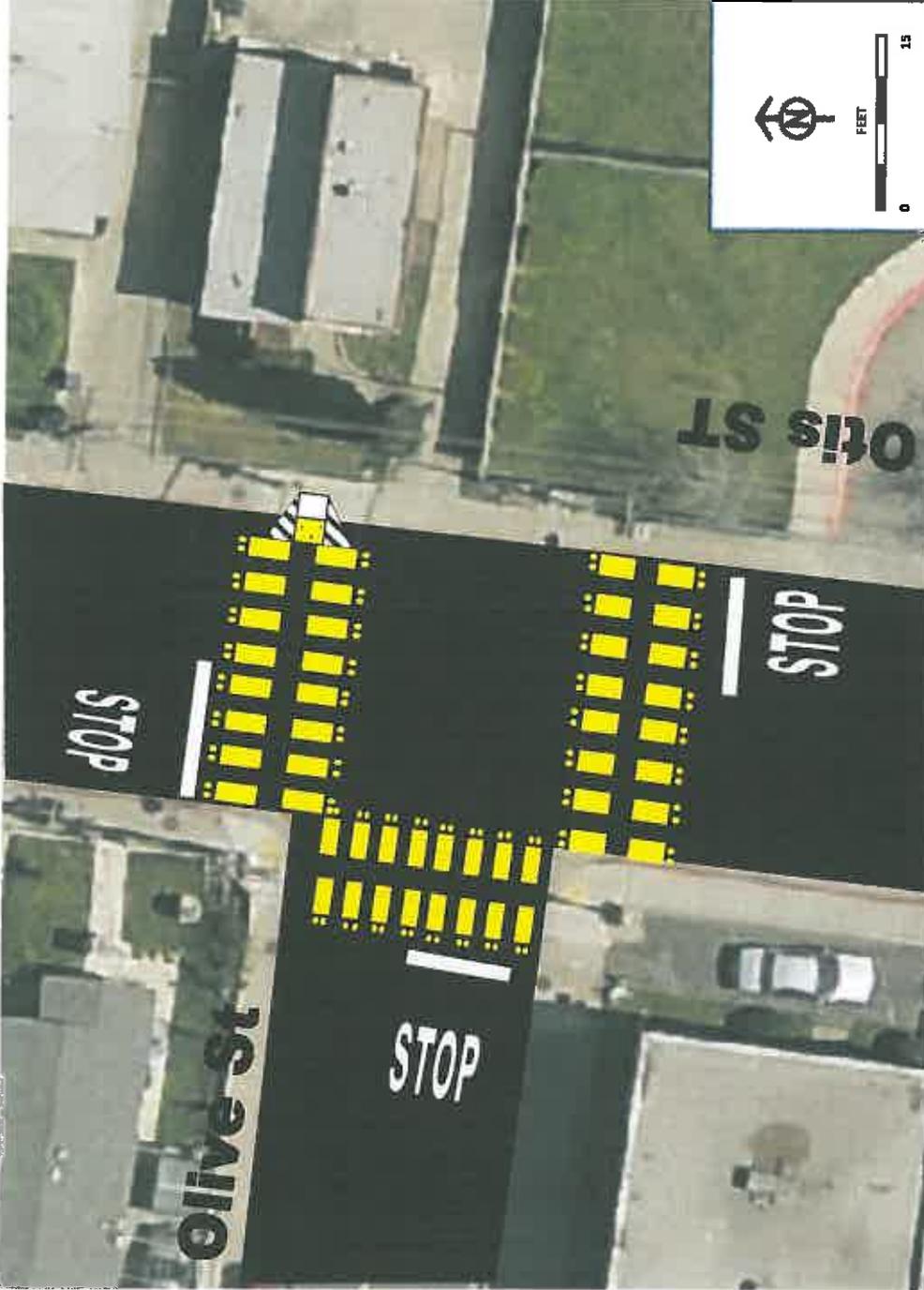
4242 CLARA ST
Cudahy, CA 90201

Mapped
Area



SITE No.15

OTIS ST AND OLIVE ST
INTERSECTION



TRIPLE FOUR CROSSWALK HIGH
VISIBILITY TRAFFIC STRIPING WITH
REFLECTIVE MARKERS (INCLUDES
SIGNAGE)



ADA COMPLIANCE
WHEELCHAIR RAMP



STOP BAR

STOP STOP (TRAFFIC STRIPPING)

CUDAHY, CA



TERESA HUGHES
ELEMENTARY SCHOOL

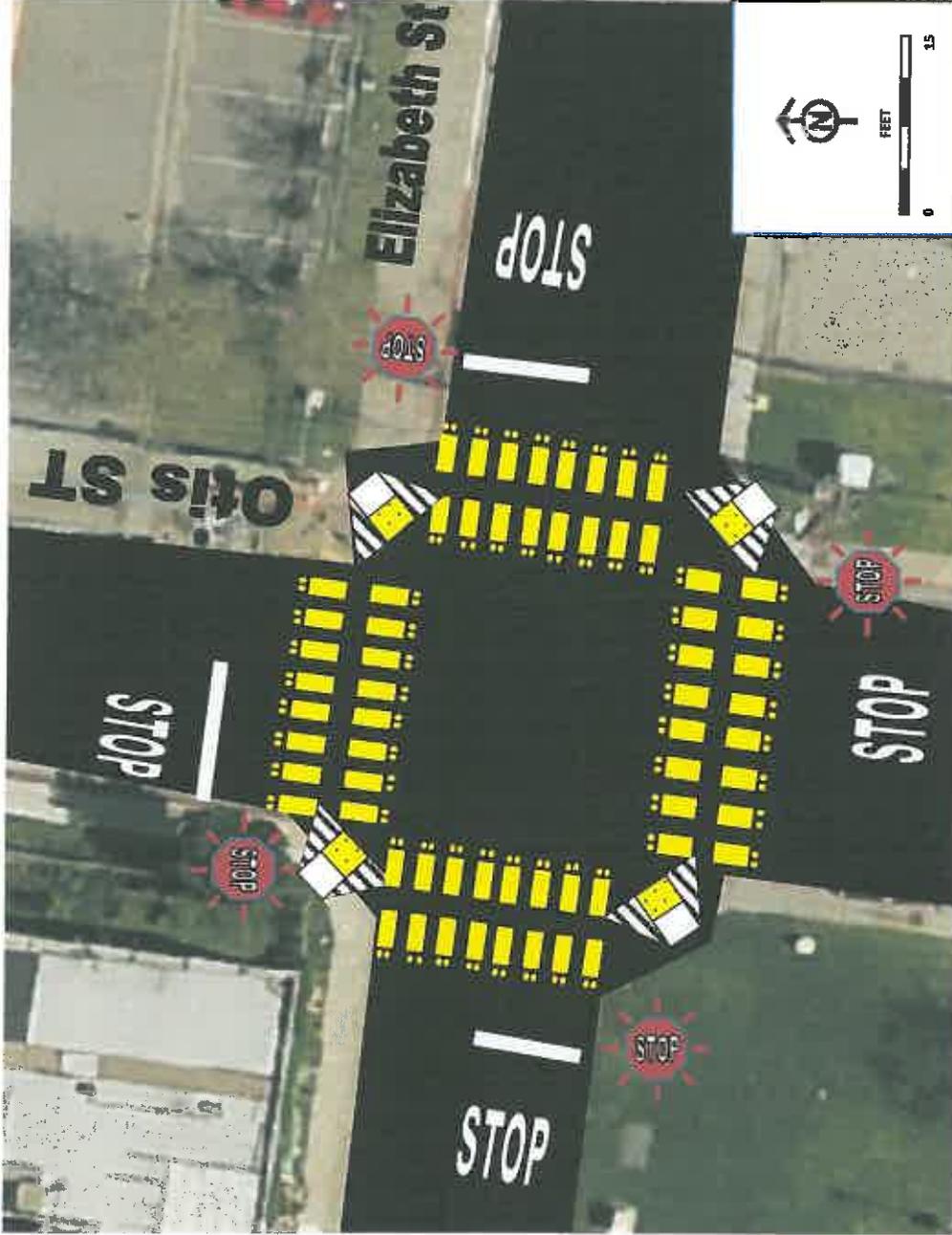
4242 CLARA ST
Cudahy, CA 90201

Mapped
Area



SITE No.16

OTIS ST AND ELIZABETH ST
INTERSECTION



STOP

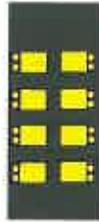
STOP LEGEND

FLASHING STOP SIGN

ADA COMPLIANCE
WHEELCHAIR RAMP

TRIPLE FOUR CROSSWALK HIGH
VISIBILITY TRAFFIC STRIPPING WITH
REFLECTIVE MARKERS (INCLUDES
SIGNAGE)

STOP BAR



CUDAHY, CA



JAIME ESCALANTE

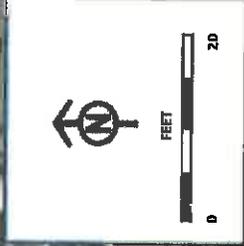
5027 Live Oak Street
Cudahy, CA 90201

Mapped
Area



SITE No.17

NEW RAISED CROSSWALK
AT JAIME ESCALANTE
ELEMENTARY SCHOOL



TRUCATED DOME



NEW SIDEWALK



YEILD LINE



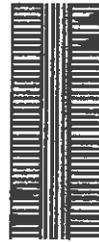
DROP-OFF/PICK-UP



ADA COMPLIANCE
WHEELCHAIR RAMP



RAISED CROSSWALK WITH REFLECTIVE
MARKERS



RECTANGULAR RAPID FLASHING
BEACON (RRFB) LED CROSSWALK



WARNING SYTEM (INCLUDES SIGNAGE)

IN-ROAD WARNING LIGHTS



CUDAHY, CA



Cudahy, CA 90201

Mapped Area

SITE No.18

EXISTING PEDESTRIAN
AND BIKE ACCESS TO LOS
ANGELES COUNTY RIVER
PEDESTRIAN AND BIKE
PATH (AT CLARA ST)



ADA COMPLIANCE WHEELCHAIR RAMP
(REMOVE AND RECONSTRUCT)



Attachment:

Project Programming Request

PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2013)

General Instructions

<input checked="" type="checkbox"/> New Project					Date:	5/20/14
District	EA	Project ID	PPNO	MPO ID	TCRP No.	
07						
County	Route/Corridor	PM Bk	PM Ahd	Project Sponsor/Lead Agency		
LA				City of Cudahy, CA		
				MPO	Element	
				SCAG	Local Assistance	
Project Manager/Contact		Phone		E-mail Address		
Michael Allen		323-773-5143		mallen@cityofcudahyca.gov		
Project Title						
Cudahy Citywide Safe Routes to Schools Improvement Project (Pedestrian Crosswalks)						
Location, Project Limits, Description, Scope of Work						<input checked="" type="checkbox"/> See page 2
In a community of 24,021 residents with 5,051 families having 81.4% of children enrolled in preschool – high school; the City of Cudahy's Active Transportation Program - Cycle 1 application focuses on crosswalks directly in front and within the immediate vicinity of the schools located in the City of Cudahy. 1) Teresa Hughes Elementary School located at 4242 Clara Street; 2) Park Avenue Elementary School located at 8020 Park Avenue; 3) Elizabeth Learning Center located at 4811 Elizabeth Street; 4) Ellen Ochoa Learning Center located at 5027 Live Oak Street; and 5) Jaime Escalante Elementary School located at 4443 Live Oak Street.						
<input checked="" type="checkbox"/> Includes ADA Improvements			<input checked="" type="checkbox"/> Includes Bike/Ped Improvements			
Component		Implementing Agency				
PA&ED		City of Cudahy, CA				
PS&E		City of Cudahy, CA				
Right of Way						
Construction		City of Cudahy, CA				
Purpose and Need						<input checked="" type="checkbox"/> See page 2
The purpose of this infrastructure project is to enhance safety features on crosswalks directly in front and within the immediate vicinity of the five schools located in the city of Cudahy; as well as, the City access point to the LA River Pedestrian/Bike Path. Upgrades may include one or more of the following items: installation of Rectangular Rapid Flashing Beacons (RRFB), LED Crosswalk Warning System; Overhead signs and flashing beacons; In-road Warning Lights; Triple Four Crosswalk with reflective markers; Blinker sign pedestrian and bike path LED Warning System; Flashing stop signs; High visibility traffic striping with reflective markers; Signage; Construction of raised medians; Construction of curb extensions and/or bulb outs;						
Project Benefits						<input checked="" type="checkbox"/> See page 2
The projects main focus is to improve the pedestrian crosswalks directly in front and within the immediate vicinity of the five schools located in the city of Cudahy; as well as access point which connects directly to the LA River Pedestrian/Bike Path along River Road adjacent to Clara Street and the 710 freeway.						
<input checked="" type="checkbox"/> Supports Sustainable Communities Strategy (SCS) Goals			<input checked="" type="checkbox"/> Reduces Greenhouse Gas Emissions			
Project Milestone						Proposed
Project Study Report Approved						02/01/15
Begin Environmental (PA&ED) Phase						03/01/15
Circulate Draft Environmental Document				Document Type	CE	04/01/15
Draft Project Report						N/A
End Environmental Phase (PA&ED Milestone)						05/01/15
Begin Design (PS&E) Phase						07/01/15
End Design Phase (Ready to List for Advertisement Milestone)						01/31/16
Begin Right of Way Phase						N/A
End Right of Way Phase (Right of Way Certification Milestone)						N/A
Begin Construction Phase (Contract Award Milestone)						07/01/16
End Construction Phase (Construction Contract Acceptance Milestone)						01/31/17
Begin Closeout Phase						03/01/17
End Closeout Phase (Closeout Report)						04/01/17

ADA Notice

For individuals with sensory disabilities, this document is available in alternate formats. For information call (916) 654-6410 or TDD (916) 654-3880 or write Records and Forms Management, 1120 N Street, MS-89, Sacramento, CA 95814.

PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised May 2013)

General Instructions

<input checked="" type="checkbox"/> New Project				Date: 5/20/14	
District	EA	Project I	PPNO	MPO ID	TCRP No.
7					

Project Title

#REF!

Additional Information

LOCATION, PROJECT LIMITS, DESCRIPTION, SCOPE OF WORK. CONT --- As well as the City access point to the LA River Pedestrian/Bike Path located on River Road adjacent to Clara Street and the 710 Freeway. In order to accommodate the large population of pedestrians and bicyclist, the projects purpose is to address the immediate need by increasing the safety of all crosswalks directly in front and within the immediate vicinity of the five schools located in the City of Cudahy; as well as, increase safety and usage of the City's access points to the LA River Pedestrian/Bike Path) and other traffic calming measures. By improving safety and mobility, while increasing the number of pedestrian/bicycle trips the City intends to also reduce the amount of vehicular trips. In turn, this project will contribute to the reduction of greenhouse gas emissions. The project proposes the following upgrades: upgrade existing pedestrian crosswalks around schools as required per existing site conditions. This includes one or more of the following items: installation of Rectangular Rapid Flashing Beacons (RRFB), LED Crosswalk Warning System; Overhead signs and flashing beacons; In-road Warning Lights; Triple Four Crosswalk with reflective markers; Blinker sign pedestrian and bike path LED Warning System; Flashing stop signs; High visibility traffic striping with reflective markers; Signage; Construction of raised medians; Construction of curb extensions and/or bulb outs; Removal and re-construction of concrete wheelchair ramps for ADA compliance; redesign Drop-off/ Pick-up areas near schools to ensure pedestrian and bicyclist safety; and/ or other traffic calming measures as deemed necessary per site specific needs. PURPOSE AND NEED CONT --- Removal and re-construction of concrete wheelchair ramps for ADA compliance; redesign Drop-off/ Pick-up areas near schools to ensure pedestrian and bicyclist safety; and/ or other traffic calming measures as deemed necessary per site specific needs. The above mentioned improvements will increase pedestrian's mobility, access, distinctly separate pedestrians from vehicles, and improve the overall quality of service and safety. PROJECT BENEFITS CONT --- The project is expected to create visual buffer zones that will distinctly separate vehicles from pedestrians further contributing to traffic accidents, which in turn will increase walkability within the City boundaries by promoting safer routes for children and parents arriving to and from school. In order to increase visibility of crosswalks the project will implement the proposed upgrades which will enhance walkability around the City of Cudahy schools and LA River bike path further encouraging pedestrians, especially students to walk to school due to the enhanced safety features. This will also reduce the need of parents to drive their children and drop them off directly in front of the school further contributing to the reduction of Greenhouse gas emissions.

PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2013)

Date: 5/20/14

District	County	Route	EA	Project ID	PPNO	TCRP No.
07	LA					
Project Title: Cudahy Citywide Safe Routes to Schools Improvement Project (Pedestrian Crosswalks)						

Proposed Total Project Cost (\$1,000s)									Notes
Component	Prior	14/15	15/16	16/17	17/18	18/19	19/20+	Total	
E&P (PA&ED)									
PS&E		96						96	
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON			1,148					1,148	
TOTAL		96	1,148					1,244	

Fund No. 1:									Program Code
Proposed Funding (\$1,000s)									
Component	Prior	14/15	15/16	16/17	17/18	18/19	19/20+	Total	Funding Agency
E&P (PA&ED)									CTC
PS&E		96						96	ATP
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON			1,148					1,148	
TOTAL		96	1,148					1,244	

Fund No. 2:									Program Code
Proposed Funding (\$1,000s)									
Component	Prior	14/15	15/16	16/17	17/18	18/19	19/20+	Total	Funding Agency
E&P (PA&ED)									
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON									
TOTAL									

Fund No. 3:									Program Code
Proposed Funding (\$1,000s)									
Component	Prior	14/15	15/16	16/17	17/18	18/19	19/20+	Total	Funding Agency
E&P (PA&ED)									
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON									
TOTAL									

PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2013)

Date: 5/20/14

District	County	Route	EA	Project ID	PPNO	TCRP No.
07	LA					
Project Title: Cudahy Citywide Safe Routes to Schools Improvement Project (Pedestrian Crosswalks)						

Fund No. 8:									Program Code
Proposed Funding (\$1,000s)									
Component	Prior	14/15	15/16	16/17	17/18	18/19	19/20+	Total	Funding Agency
E&P (PA&ED)									
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON									
TOTAL									

Fund No. 9:									Program Code
Proposed Funding (\$1,000s)									
Component	Prior	14/15	15/16	16/17	17/18	18/19	19/20+	Total	Funding Agency
E&P (PA&ED)									
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON									
TOTAL									

Fund No. 10:									Program Code
Proposed Funding (\$1,000s)									
Component	Prior	14/15	15/16	16/17	17/18	18/19	19/20+	Total	Funding Agency
E&P (PA&ED)									
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON									
TOTAL									

Attachment:

Documentation of Public Participation

(Town Hall Meeting)



Town Hall Agenda

23 de abril del 2014

1. Introducción de Oficiales - Alcalde, Chris Garcia
2. Bienvenida - Alcalde, Chris Garcia
3. Información Actualizada del Departamento de Alguacil – Capitán Wolak
4. Presentación por Nationwide Environmental Services DIV. Of Joe's Sweeping, Inc.
5. Presentación y taller sobre SB2: refugios de emergencia, viviendas de transición y de soporte.
6. Presentación y taller sobre la preparación de la subvención del Programa de Transporte Activo.
7. Rifa – Consejo
8. Ultimos Comentarios - Alcalde, Chris Garcia
9. Conclusión

Chris Garcia
Mayor

Cristian Markovich
Vice Mayor

Jack Guerrero
Council Member

Diane Oliva
Council Member

Baru Sanchez
Council Member



City of Cudahy
Community Services Department
TOWN HALL MEETING
SIGN-IN SHEET

DATE: April 23, 2014

NAME (NOMBRE)	SIGNATURE (FIRMA)	ADDRESS (DOMICILIO)	PHONE# (TELEFONO)
ROSA GUZMAN		7814 Atlantic	10
Maria Rivera		4523 Cecelia st	
Brenda Rodriguez		6	
Connie Vazquez		4412 Live oak st.	562-313-8353
HILDA ALONSO		4513 CLARA ST #23	323) 662-6950
MARIA ADALOS		3 ADLANTIC 2805 CECILIA	723-562-2177
Oscar TORANO		4934 SANTANA ST CUDAHY	
Alicia Serrano		4523 Cecelia #3	Cudahy CA 90201
Daisy Serrano		4523 Cecelia #3	Cudahy CA 90201
Esther Reyes		5105 Clara	323) 562-1673
FRANK ADALOS		4830 CLARA	560-0463
Carmen Angeles			
Isabel Cervantes		4805 Clara ST	323) 773-7527
Sam Rodriguez		4523 Cecelia	323 337 5557
CAMELIA DELATORRE		3832 WOLNUTS	323 605 8376
Susana Urbina	Susana Urbina	5108 1/2 Clara st.	323) 771-6889
Isabel Cervantes		5129 Elizabeth ST	323 247-1105
Consuelo Cervantes		7529 W. 20th	
Veronica Cervantes		4703 Clara st	
Consuelo Cervantes			
Daisy Cervantes			



City of Cudahy
Community Services Department
TOWN HALL MEETING
SIGN-IN SHEET

DATE: April 23, 2014

NAME (NOMBRE)	SIGNATURE(FIRMA)	ADDRESS(DOMICILIO)	PHONE#(TELEFONO)
W. [Signature]	[Signature]	7722 Atlantic Ave #12, Cudahy 90201	323-778-6039
BETICIA RUIZ	[Signature]	4555 Cecelia St	(323) 826-8389
Ramón y Juana Morales	[Signature]	8305 Atlantic Ave #8	323) 542-1015
Virginia Cepallos	[Signature]	4805 Clara St Apt 109	
William Tejeda	[Signature]	7735 ATLANTIC AVE	Cudahy
Edilberto Salgado	[Signature]	4805 CLARA ST	Cudahy
Rosina Argueta Rosayagueta	[Signature]	4555 Cecelia St #30	Cudahy
Javier Flores	[Signature]	7735 ATLANTIC AVE #20	323-362-7336
Walt Gelder	Walt Gelder	4631 Elizabeth	562 5629
Manuel V	[Signature]	7507 Wilcox	323-695-1601
ENRIQUE	VAZQUEZ	5100 CLARA ST	701-1636
TERE FRANCO	TERE FRANCO	7735 ATLANTIC AVE #10 CUDAHY CA 90201	(562) 781-8110
José Estrada	[Signature]	4861 Clara St #1	323) 562-6050
Adelina Garcia	[Signature]	4555 Cecelia St	323) 445-3930
Blenda M. [Signature]	[Signature]		562/327
AI			
Eloisa Macias	[Signature]	5037 Clara St	(323) 771-0367
Josefina Macias	[Signature]	5037 Clara St	(323) 771-0367
DORATO MASOFF	[Signature]	3835 Walnut St - Cudahy Ca.	
Manuel [Signature]	[Signature]	709 GRAFTON AVE	523-810-6762
Sandra Nelly [Signature]	[Signature]	7513 WILCOX AVE	
Martha Fieno	[Signature]	5136 Cecelia St	323 771-8170
MOISES ESTIMADA	[Signature]	4830 LIVE OAK	323 7702353
Olga Mendez	[Signature]	5108 3/4 Clara St	(323) 404-7356

Attachment:

Additional School Information

Project name: Cudahy Citywide Safe Routes to Schools Improvement Project (Pedestrian Crosswalks)

VIII. APPLICATION SIGNATURES

Applicant: The undersigned affirms that the statements contained in the application package are true and complete to the best of their knowledge.

Signature: *Michael Allen*
Name: MICHAEL ALLEN
Title: COMMUNITY DEV. DIRECTOR

Date: 5.20.14
Phone: 823-272-5143
e-mail: MALLEN@CITYOFCUDAHYCA.GOV

Local Agency Official (City Engineer or Public Works Director): The undersigned affirms that the statements contained in the application package are true and complete to the best of their knowledge.

Signature: *Aaron Hernandez*
Name: AARON HERNANDEZ
Title: ASST. CITY ENGINEER

Date: 05/15/14
Phone: 323-773-5143
e-mail: ahernandez@cityofcudahyca.gov

School Official: The undersigned affirms that the school(s) benefited by this application is not on a school closure list.

Signature: *Grace E Fuller*
Name: Grace E. Fuller
Title: Principal

Date: 5/12/14
Phone: 323-890-2340
e-mail: bef2934@lausd.net

Person to contact for questions:

Name: _____
Title: _____
Phone: _____
e-mail: _____

Caltrans District Traffic Operations Office Approval*

If the application's project proposes improvements on a freeway or state highway that affects the safety or operations of the facility, it is required that the proposed improvements be reviewed by the district traffic operations office and either a letter of support or acknowledgement from the traffic operations office be attached () or the signature of the traffic personnel be secured below.

Signature: _____
Name: _____
Title: _____

Date: _____
Phone: _____
e-mail: _____

*Contact the District Local Assistance Engineer (DLAE) for the project to get Caltrans Traffic Ops contact information. DLAE contact information can be found at <http://www.dot.ca.gov/hq/LocalPrograms/dlae.htm>

Project name: Cudahy Citywide Safe Routes to Schools Improvement Project (Pedestrian Crosswalks)

VIII. APPLICATION SIGNATURES

Applicant: The undersigned affirms that the statements contained in the application package are true and complete to the best of their knowledge.

Signature: *Michael Allen*
Name: MICHAEL ALLEN
Title: COMMUNITY DEV. DIR.

Date: 5.20.14
Phone: 723.773-5143
e-mail: MALLEN@CITYOFCUDAHYCA.GOV

Local Agency Official (City Engineer or Public Works Director): The undersigned affirms that the statements contained in the application package are true and complete to the best of their knowledge.

Signature: *[Signature]*
Name: DARON HERNANDEZ
Title: ASST. CITY ENGINEER

Date: 05/15/14
Phone: 323-773-5143
e-mail: ahernandez@cityofcudahyca.gov

School Official: The undersigned affirms that the school(s) benefited by this application is not on a school closure list.

Signature: *Mara Bonmarito*
Name: Mara Bonmarito
Title: Principal

Date: May 12, 2014
Phone: (375) 864-1300
e-mail: mbonmarito@leasd.net

Person to contact for questions:

Name: same as above
Title: _____

Phone: _____
e-mail: _____

Caltrans District Traffic Operations Office Approval*

If the application's project proposes improvements on a freeway or state highway that affects the safety or operations of the facility, it is required that the proposed improvements be reviewed by the district traffic operations office and either a letter of support or acknowledgement from the traffic operations office be attached () or the signature of the traffic personnel be secured below.

Signature: _____
Name: _____
Title: _____

Date: _____
Phone: _____
e-mail: _____

*Contact the District Local Assistance Engineer (DLAE) for the project to get Caltrans Traffic Ops contact information. DLAE contact information can be found at <http://www.dot.ca.gov/hq/LocalPrograms/dlae.htm>

Project name: Cudahy Citywide Safe Routes to Schools Improvement Project (Pedestrian Crosswalks)

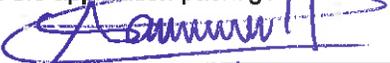
VIII. APPLICATION SIGNATURES

Applicant: The undersigned affirms that the statements contained in the application package are true and complete to the best of their knowledge.

Signature: 
Name: MICHAEL ALLEN
Title: COMMUNITY DEV. DIR.

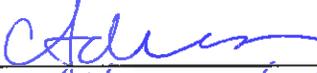
Date: 5.20.14
Phone: 323-773-5143
e-mail: MALLEN@CITYOFCUDAHYCA.GOV

Local Agency Official (City Engineer or Public Works Director): The undersigned affirms that the statements contained in the application package are true and complete to the best of their knowledge.

Signature: 
Name: AARON HERNANDEZ
Title: ASST CITY ENGINEER

Date: 05/15/14
Phone: 323-773-5143
e-mail: ahernandez@cityofcudahyca.gov

School Official: The undersigned affirms that the school(s) benefited by this application is not on a school closure list.

Signature: 
Name: Adnana Cortez
Title: Principal

Date: 5/12/14
Phone: 323 560-4422
e-mail: axc7702@lausd.net

Person to contact for questions:

Name: Adnana Cortez
Title: Principal

Phone: 5/12/14
e-mail: axc7702@lausd.net

Caltrans District Traffic Operations Office Approval*

If the application's project proposes improvements on a freeway or state highway that affects the safety or operations of the facility, it is required that the proposed improvements be reviewed by the district traffic operations office and either a letter of support or acknowledgement from the traffic operations office be attached () or the signature of the traffic personnel be secured below.

Signature: _____
Name: _____
Title: _____

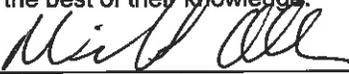
Date: _____
Phone: _____
e-mail: _____

*Contact the District Local Assistance Engineer (DLAE) for the project to get Caltrans Traffic Ops contact information. DLAE contact information can be found at <http://www.dot.ca.gov/hq/LocalPrograms/dlae.htm>

Project name: Cudahy Citywide Safe Routes to Schools Improvement Project (Pedestrian Crosswalks)

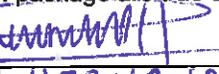
VIII. APPLICATION SIGNATURES

Applicant: The undersigned affirms that the statements contained in the application package are true and complete to the best of their knowledge.

Signature: 
Name: MICHAEL ALLEN
Title: COMMUNITY DEV. DIR.

Date: 05/20/14
Phone: 323-773-5143
e-mail: M.ALLEN@CITYOF.CUDAHY.CA.GOV

Local Agency Official (City Engineer or Public Works Director): The undersigned affirms that the statements contained in the application package are true and complete to the best of their knowledge.

Signature: 
Name: AARON HERNANDEZ
Title: ASST. CITY ENGINEER

Date: 05/15/14
Phone: 323-773-5143
e-mail: ahernandez@cityofcudahyca.gov

School Official: The undersigned affirms that the school(s) benefited by this application is not on a school closure list.

Signature: 
Name: CHRISTINE CORDOVA
Title: Principal

Date: 5/12/14
Phone: 523 832-1860
e-mail: c.mgs277@lausd.net

Person to contact for questions:

Name: _____
Title: _____
Phone: _____
e-mail: _____

Caltrans District Traffic Operations Office Approval*

If the application's project proposes improvements on a freeway or state highway that affects the safety or operations of the facility, it is required that the proposed improvements be reviewed by the district traffic operations office and either a letter of support or acknowledgement from the traffic operations office be attached () or the signature of the traffic personnel be secured below.

Signature: _____
Name: _____
Title: _____
Date: _____
Phone: _____
e-mail: _____

*Contact the District Local Assistance Engineer (DLAE) for the project to get Caltrans Traffic Ops contact information. DLAE contact information can be found at <http://www.dot.ca.gov/hq/LocalPrograms/dlae.htm>

Teresa Hughes Elementary, 4242 Clara St, Cudahy, CA 90201

Los Angeles Unified School District 333 S. Beaudry Ave. Los Angeles CA 90014

- County-District-School Code (CDS): 6107411
- Total Student Enrollment: 905
- Percentage of students eligible for free or reduced meal programs: 88.38%
- Percentage of students that currently walk or bike to school: 70%
- Approximate # of students living along the school route proposed for improvement: 905
- Project distance from primary or middle school: Immediate Vicinity

Ellen Ochoa Learning Center, 5027 Live Oak Street, Cudahy, CA 90201

Los Angeles Unified School District 333 S. Beaudry Ave. Los Angeles CA 90014

- County-District-School Code (CDS): 6118186
- Total Student Enrollment: 1,478
- Percentage of students eligible for free or reduced meal programs: 83.42%
- Percentage of students that currently walk or bike to school: 70%
- Approximate # of students living along the school route proposed for improvement: 1,478
- Project distance from primary or middle school: Immediate Vicinity

Jaime Escalante Elementary School, 4443 Live Oak Street, Cudahy, CA 90201

Los Angeles Unified School District 333 S. Beaudry Ave. Los Angeles CA 90014

- County-District-School Code (CDS): 0122168
- Total Student Enrollment: 626
- Percentage of students eligible for free or reduced meal programs: 79.27%
- Percentage of students that currently walk or bike to school: 70%
- Approximate # of students living along the school route proposed for improvement: 626
- Project distance from primary or middle school: Immediate Vicinity

Elizabeth Learning Center, 4811 Elizabeth Street, Cudahy, CA 90201

Los Angeles Unified School District 333 S. Beaudry Ave. Los Angeles CA 90014

- County-District-School Code (CDS): 6016885
- Total Student Enrollment: 1,786
- Percentage of students eligible for free or reduced meal programs: 85.36%
- Percentage of students that currently walk or bike to school: 70%
- Approximate # of students living along the school route proposed for improvement: 1,786
- Project distance from primary or middle school: Immediate Vicinity

Attachment:

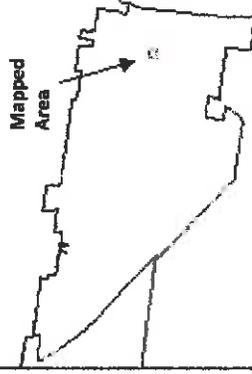
Photos (Existing Conditions)

CUDAHY, CA



**PARK AVENUE
ELEMENTARY SCHOOL**

**8020 PARK AVE
Cudahy, CA 90201**



Description:

Existing Pedestrian
Crosswalk at Santa Ana
St & Park Ave. (Along
Santa Ana St, In Front of
Park Avenue Elementary
School)



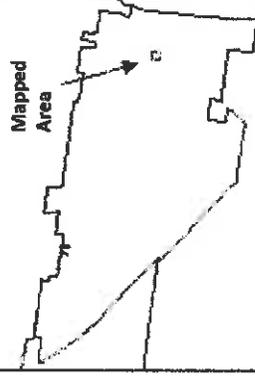
- No visibility of in-roadway lights (IRWL)
- Delayed response of IRWL
- No sufficient number of IRWL
- Outdated and faded traffic striping

CUDAHY, CA



**PARK AVENUE
ELEMENTARY SCHOOL**

**8020 PARK AVE
Cudahy, CA 90201**



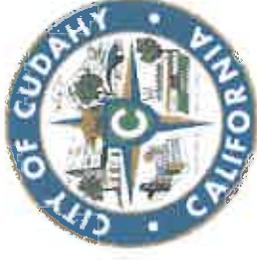
Description:

Existing Pedestrian
Crosswalk at Santa Ana
St & Park Ave. (Along
Park Ave, in Front of
Park Avenue Elementary
School)



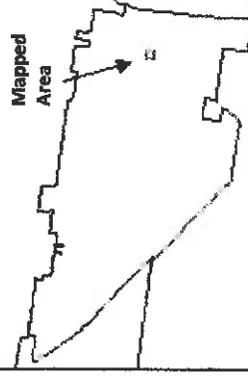
- No visibility of in-roadway lights (IRWL)
- Delayed response of IRWL
- Insufficient number of IRWL
- Outdated and faded traffic striping

CUDAHY, CA



**PARK AVENUE
ELEMENTARY SCHOOL**

**8020 PARK AVE
Cudahy, CA 90201**



Description:

Existing Pedestrian
Crosswalk at Park Ave &
Elizabeth St (Along Park
Ave, Near Park Avenue
Elementary School)



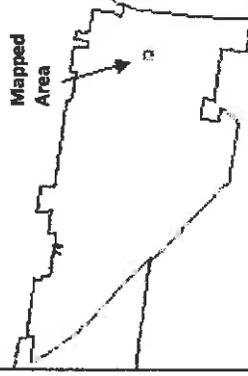
- No visibility of in-roadway lights (IRWL)
- Delayed response of IRWL
- Insufficient number of IRWL or broken
- Outdated and faded traffic striping
- No truncated domes at existing ramps for ADA compliance

CUDAHY, CA



**PARK AVENUE
ELEMENTARY SCHOOL**

**8020 PARK AVE
Cudahy, CA 90201**



Description:

Existing Pedestrian
Crosswalk at Park Ave &
Elizabeth St (Along Park
Ave, Near Park Avenue
Elementary School)



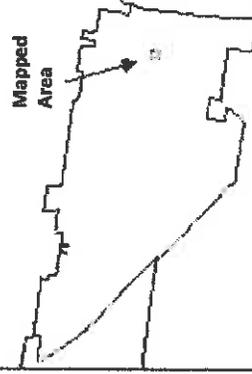
- No visibility of in-roadway lights (IRWL)
- Delayed response of IRWL
- Insufficient number of IRWL
- Outdated and faded traffic striping

CUDAHY, CA



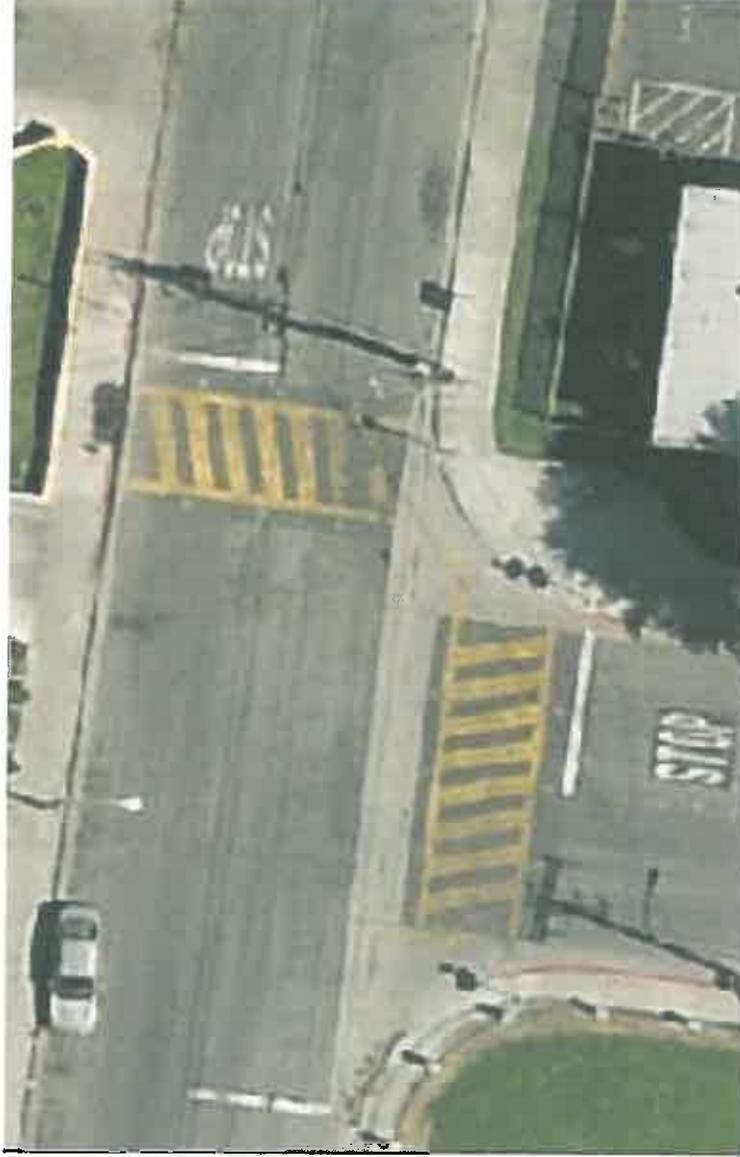
**PARK AVENUE
ELEMENTARY SCHOOL**

**8020 PARK AVE
Cudahy, CA 90201**



Description:

**Existing Pedestrian
Crosswalks at Park Ave &
Elizabeth St (Along Park
Ave, Near Park Avenue
Elementary School)**



- **No visibility of in-roadway lights (IRWL)**
- **Delayed response of IRWL**
- **Insufficient number of IRWL**
- **Outdated and faded traffic striping**

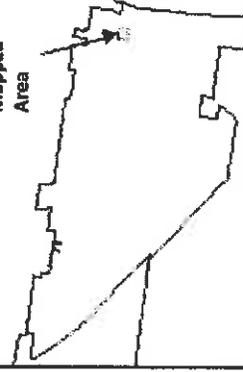
CUDAHY, CA



River Road and Clara
Service Road

Cudahy, CA 90201

Mapped
Area



Description:

Existing Pedestrian
Crosswalk at River Road
& Clara and Service
Roads (Los Angeles
Bikeway Access to River
Road)



- Non-controlled pedestrian crossing at mid-block in an area of high school traffic of vehicles and pedestrians
- Limited visibility of in-roadway lights (IRWL)
- Delayed response of IRWL, insufficient number of IRWL
- Outdated and faded signs and traffic striping

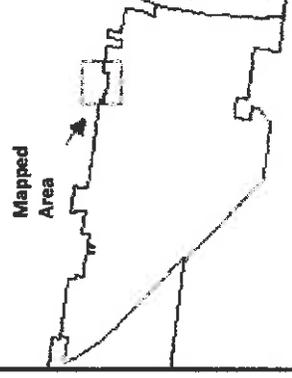


- No visibility of in-roadway lights (IRWL)
- Delayed response of IRWL
- Insufficient number of IRWL
- Missing signs
- Missing post for push button crossing
- Outdated and faded traffic striping

CUDAHY, CA



EIZABETH LEARNING CENTER
4811 Elizabeth Street
Cudahy, CA 90201



Description:

Existing Pedestrian
Crosswalk at Live Oak St
and Crafton St (Near
Ellen Ochoa Learning
Center)

CUDAHY, CA



ELLEN OCHOA LEARNING
CENTER

5027 Live Oak Street
Cudahy, CA 90201

Mapped
Area



Description:

Existing non-controlled
mid-block pedestrian
crosswalk at Live Oak St



- Non-controlled pedestrian crossing at mid block in an area of high school traffic of vehicles and pedestrians
- Limited visibility of in-roadway lights (IRWL)
- Delayed response of IRWL, not sufficient number of IRWL
- Outdated signs and traffic striping

CUDAHY, CA



ELLEN OCHOA LEARNING
CENTER

5027 Live Oak Street
Cudahy, CA 90201

Mapped
Area



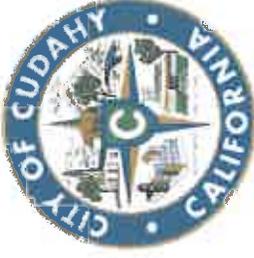
Description:

Existing non-controlled
mid-block pedestrian
crosswalk at Live Oak St



- Non-controlled pedestrian crossing at mid block in an area of high school traffic of vehicles and pedestrians
- Limited visibility of in-roadway lights (IRWL)
- Delayed response of IRWL, not sufficient number of IRWL
- Outdated and faded signs and traffic striping

CUDAHY, CA



ELIZABETH LERNING
CENTER

4811 Elizabeth Street
Cudahy, CA 90201

Mapped
Area



Description:

Existing non-controlled
mid-block pedestrian
crosswalk at Clara St



- Non-controlled pedestrian crossing at mid block
- Limited visibility of in-roadway lights (IRWL)
- Delayed response of IRWL
- Insufficient number of IRWL
- Outdated and faded signs and traffic striping

CUDAHY, CA



**ELIZABETH LERNING
CENTER**

**4811 Elizabeth Street
Cudahy, CA 90201**

Mapped
Area



Description:

**Existing Non-Controlled
Mid-Block Pedestrian
Crosswalk at Clara St
(At Elizabeth Learning
Center)**



- **Non-controlled pedestrian crossing at mid block**
- **Limited visibility of in-roadway lights (IRWL)**
- **Delayed response of IRWL**
- **Insufficient number of IRWL**
- **Outdated and faded signs and traffic striping**

CUDAHY, CA



**ELIZABETH LERNING
CENTER**

**4811 Elizabeth Street
Cudahy, CA 90201**

Mapped
Area



Description:

**Existing Non-Controlled
Mid-Block Pedestrian
Crosswalk at Elizabeth St
(At Elizabeth Learning
Center)**



- **Non-controlled pedestrian crossing at mid block**
- **Limited visibility of in-roadway lights (IRWL)**
- **Delayed response of IRWL , insufficient number of IRWL**
- **Outdated and faded signs and traffic striping**

CUDAHY, CA



**TERESA HUGHES
ELEMENTARY SCHOOL**

4242 Clara Street
Cudahy, CA 90201

Mapped
Area



Description:

Existing Pedestrian
Crosswalk at Clara St (In
front left side of Teresa
Hughes Elementary
School)



- Traffic light pedestrian crossing at left end with high rate of vehicles and pedestrians
- Delayed response of IRWL, not sufficient number of IRWL
- Outdated and faded signs and traffic striping

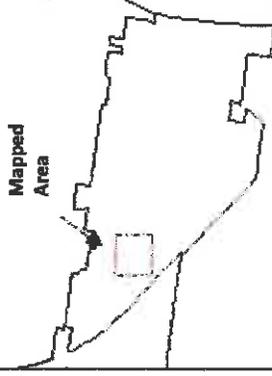
CUDAHY, CA



**TERESA HUGHES
ELEMENTARY SCHOOL**

4242 Clara Street
Cudahy, CA 90201

Mapped
Area



Description:

Existing Pedestrian
Crosswalk at Clara St (In
front left side of Teresa
Hughes Elementary
School)



- Traffic light pedestrian crossing at left end with high rate of vehicles and pedestrians
- Delayed response of IRWL, not sufficient number of IRWL
- Outdated and faded signs and traffic striping

CUDAHY, CA



**TERESA HUGHES
ELEMENTARY SCHOOL**

4242 Clara Street
Cudahy, CA 90201

Mapped
Area



Description:

Existing of Live Oak
Street Parallel to Teresa
Hughes Elementary
School (Teresa Hughes
Elementary on the left
side of the street)



- Only one traffic light pedestrian crossing at left end with high rate of vehicles and pedestrians
- Delayed response of IRWL, not sufficient number of IRWL
- Outdated and faded signs and traffic striping

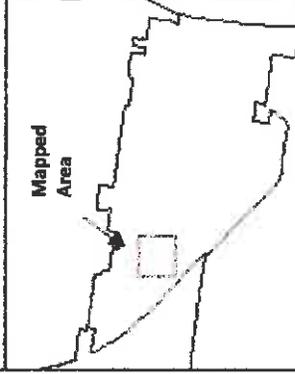
CUDAHY, CA



TERESA HUGHES
ELEMENTARY SCHOOL

4242 Clara Street
Cudahy, CA 90201

Mapped
Area



Description:

Existing Live Oak Street
Parallel to Teresa
Hughes Elementary
School (Teresa Hughes
Elementary located on
the left side of the
street)



- Only one traffic light pedestrian crossing at left end with high rate of vehicles and pedestrians
- Delayed response of IRWL, insufficient number of IRWL
- Outdated and faded signs and traffic striping

CUDAHY, CA



**Jaime Escalante
Elementary School
4443 Live Oak Street
Cudahy, CA 90201**

Mapped
Area



Description:

**Existing View of Jaime
Escalante Elementary
School**



- No pedestrian crossing around the premise
- One existing speed hump
- High traffic volume on Live Oak Street coming from the nearest main street Atlantic Ave.
- Vehicles tend to travel at high rate of speed at this zone
- The street at this school location is 10' wider which makes the crossing more dangerous due to the time needed to cross
- The closest controlled pedestrian crossing is at Atlantic Ave which is relatively (350') far for students and parents

CUDAHY, CA



**Jaime Escalante
Elementary School**
4443 Live Oak Street
Cudahy, CA 90201

Mapped
Area



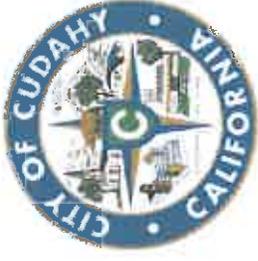
Description:

In Front of Jaime
Escalante Elementary
School (Live Oak St &
Clarkson St)



- No pedestrian crossing around the premise
- One existing speed hump
- High traffic volume on Live Oak Street coming from the nearest main street Atlantic Ave.
- Vehicles tend to travel at high rate of speed at this zone
- The street at this school location is 10' wider which makes the crossing more dangerous due to the time needed to cross
- The closest controlled pedestrian crossing is at Atlantic Ave which is relatively (350') far for students and parents.

CUDAHY, CA



Jaime Escalante
Elementary School

4443 Live Oak Street
Cudahy, CA 90201

Mapped
Area



Description:

Existing aerial view of
Jaime Escalante
Elementary School



- No pedestrian crossing around the premise
- One existing speed hump
- High traffic volume on Live Oak Street coming from the nearest main street Atlantic Ave.
- Vehicles tend to travel at high rate of speed at this zone
- The street at this school location is 10' wider which makes the crossing more dangerous due to the time needed to cross
- The closest controlled pedestrian crossing is at Atlantic Ave which is relatively (350') far for students and parents.

Attachment:

2012-2035 SCAG RTP (Digital Copy)

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CITY OF CUDAHY PEDESTRIAN SAFETY ASSESSMENT