

**Meeting Date: 7/23/2013**

**Report Type:** Consent

**Report ID:** 2013-00541

**Title: Cycle 6 Highway Safety Improvement Program Grant Applications**

**Location:** Citywide

**Issue:** Caltrans has issued a call for projects for the Cycle 6 Highway Safety Improvement Program (HSIP). Applications are due July 26, 2013. City Council approval is required to submit the applications.

**Recommendation:** Pass a Resolution authorizing the City Manager or his designee to apply for grant funding from Caltrans for three transportation safety projects.

**Contact:** David Edrosolan, Senior Engineer, (916) 808-5974; Hector Barron, City Traffic Engineer, (916) 808-2669, Department of Public Works

**Presenter:** None

**Department:** Public Works Department

**Division:** Transportation Division

**Dept ID:**

**Attachments:**

1-Description/Analysis

2-Background

3-Resolution

4-Exhibit A (Pedestrian Signals Location Map)

5-Exhibit B (Carlson Drive Corridor Location Map)

6-Exhibit C (Fruitridge Road and 58th Street Intersection and Norwood Avenue and Jessie Avenue Location Map)

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**City Attorney Review**

Approved as to Form

Joe Robinson

7/16/2013 10:41:23 AM

**City Treasurer Review**

Reviewed for Impact on Cash and Debt

Russell Fehr

7/9/2013 11:04:11 AM

**Approvals/Acknowledgements**

Department Director or Designee: Jerry Way - 7/12/2013 1:35:47 PM

## Description/Analysis

**Issue:** The State Department of Transportation (Caltrans) has announced a call for projects for the Cycle 6 Highway Safety Improvement Program (HSIP), the applications for which are due on July 26, 2013. City Council approval is required for City applications seeking grant funding.

**Policy Considerations:** Funding the three projects identified below is consistent with the City's General Plan goal to promote and support economic vitality by investing in infrastructure development to support sustainable growth.

**Economic Impacts:** None.

### **Environmental Considerations:**

**California Environmental Quality Act (CEQA):** CEQA review is not required for the applications to apply for HSIP funding. Under Section 15061(b)(3) of the CEQA Guidelines, CEQA applies only to projects which have the potential for causing a significant effect on the environment. Filing the applications will have no effect on the environment.

**Sustainability Considerations:** The three projects are consistent with the City's Sustainability Master Plan and are aimed at addressing the goals and targets set forth in Transportation Infrastructure and Air Quality Focus Areas by improving and optimizing transportation infrastructure.

**Commission/Committee Action:** None.

**Rationale for Recommendation:** Obtaining grant funding will provide the opportunity to enhance safety by constructing the following:

- 1) Installation of push-button pedestrian activated signals at nine locations (Broadway/1<sup>st</sup> Avenue, Broadway/Santa Cruz, Broadway/39<sup>th</sup> Street, Broadway/43<sup>rd</sup> Street, Marysville Boulevard/Roanoke Avenue, El Camino Avenue/Empress Street, Arden Way/Empress Street, Del Paso Boulevard/Plaza Avenue and Franklin Boulevard/Atlas Avenue) throughout the City to enhance pedestrian safety at uncontrolled crossings;
- 2) Implementation of pedestrian crossings, bicycle lanes, traffic signal modifications, sidewalk and ramp improvements along Carlson Drive, between H Street and J Street to enhance safety and installation of enhanced bike facilities along H Street between Carlson Drive and Camellia Avenue;
- 3) a) Installation of a traffic signal at the intersection of Fruitridge Road and 58<sup>th</sup> Street in order to enhance pedestrian safety. This application is contingent on receiving matching funds from outside funding sources.  
b) Intersection improvements at the Norwood Avenue / Jessie Avenue intersection to provide protected left turn movements in the east / west direction. This application will be submitted in the event that matching funds are not received for the Fruitridge Road and 58<sup>th</sup> Street intersection improvements identified above.

**Financial Considerations:** The estimated individual cost of the three proposed projects will be below the Federal HSIP maximum allowable grant amount of \$1,500,000 each. If the application is selected by the State, the 10 percent required match will be provided from local transportation funds. Staff will return to Council to appropriate funding and create Capital Improvement Projects (CIPs). There are no General Funds planned or allocated for this project.

**Emerging Small Business Development (ESBD):** None, since no goods or services are being procured with this action.

## Background

The State Department of Transportation (Caltrans) has announced a call for projects for the Cycle 6 Highway Safety Improvement Program (HSIP) for implementation of infrastructure-related highway safety improvements. The applications for this grant are due by July 26, 2013. Caltrans has announced the subject call for projects based upon anticipated Federal safety funding in the upcoming 2014 Federal Statewide Transportation Improvement Program. Caltrans expects the available HSIP funding apportioned to local agencies in the 2014 Federal Statewide Transportation Improvement Program to be approximately \$150 million.

Caltrans' Guidelines and Criteria: The grant guidelines require that HSIP Federal funds should be expended on safety projects that can be designed and constructed expeditiously. Additionally, the projects should not require the acquisition of significant right-of-way, nor should they require extensive environmental review and mitigation. The maximum Federal reimbursement amount for any single project is \$1,500,000. The maximum Federal reimbursement ratio for all HSIP projects is 90 percent. All proposed projects will be prioritized in descending order, statewide, by the calculated benefit/cost (B/C) ratios. Projects with highest B/C ratios will be selected for funding.

The Transportation Division of the Department of Public Works routinely evaluates the City's roadway network as part of proactive safety management to review traffic operations and identify potential improvements. The three projects proposed meet the above mentioned guidelines and criteria for HSIP grant funding, and represent the appropriate candidate project to apply for the subject grant.

In view of the above, staff recommends submission of the three project grant applications to Caltrans that will enhance safety at the various intersections and Carlson Drive corridor / H Street area.

## **RESOLUTION NO.**

Adopted by the Sacramento City Council

### **AUTHORIZATION TO APPLY FOR CYCLE 6 HIGHWAY SAFETY IMPROVEMENT PROGRAM GRANT FUNDING FOR PEDESTRIAN ACTIVATED SIGNAL IMPROVEMENTS AT NINE LOCATIONS THROUGHOUT THE CITY; CARLSON DRIVE CORRIDOR IMPROVEMENTS BETWEEN H STREET AND J STREET, AND THE INSTALLATION OF ENHANCED BIKE FACILITIES ALONG H STREET BETWEEN CARLSON DRIVE AND CAMELLIA AVENUE; AND THE INSTALLATION OF A TRAFFIC SIGNAL AT THE FRUITRIDGE ROAD AND 58<sup>TH</sup> STREET INTERSECTION OR INTERSECTION IMPROVEMENTS AT THE NORWOOD AVENUE AND JESSIE AVENUE INTERSECTION**

#### **BACKGROUND**

- A. The State Department of Transportation (Caltrans) has announced a call for projects for the Cycle 6 Highway Safety Improvement Program (HSIP) for implementation of infrastructure-related highway safety improvements.
- B. The three proposed projects are:
  - 1) Install pedestrian activated signal improvements at nine locations (Broadway/1<sup>st</sup> Avenue, Broadway/Santa Cruz, Broadway/39<sup>th</sup> Street, Broadway/43<sup>rd</sup> Street, Marysville Boulevard/Roanoke Avenue, El Camino Avenue/Empress Street, Arden Way/Empress Street, Del Paso Boulevard/Plaza Avenue and Franklin Boulevard/Atlas Avenue) throughout the City;
  - 2) Enhance the Carlson Drive corridor between H Street and J Street, and install enhanced bike facilities along H Street between Carlson Drive and Camellia Avenue;
  - 3) Install a traffic signal at the Fruitridge Road and 58<sup>th</sup> Street intersection; or intersection improvements at the Norwood Avenue / Jessie Avenue to provide protected left turn movements in the east / west direction. This application will be submitted in the event that matching funds are not received for the Fruitridge Road and 58<sup>th</sup> Street intersection.
- C. The estimated individual cost of the three proposed projects will be below the Federal HSIP maximum allowable grant of \$1,500,000 per application. If any of the three applications are selected by the State,

the 10 percent required match will be provided from local transportation funds.

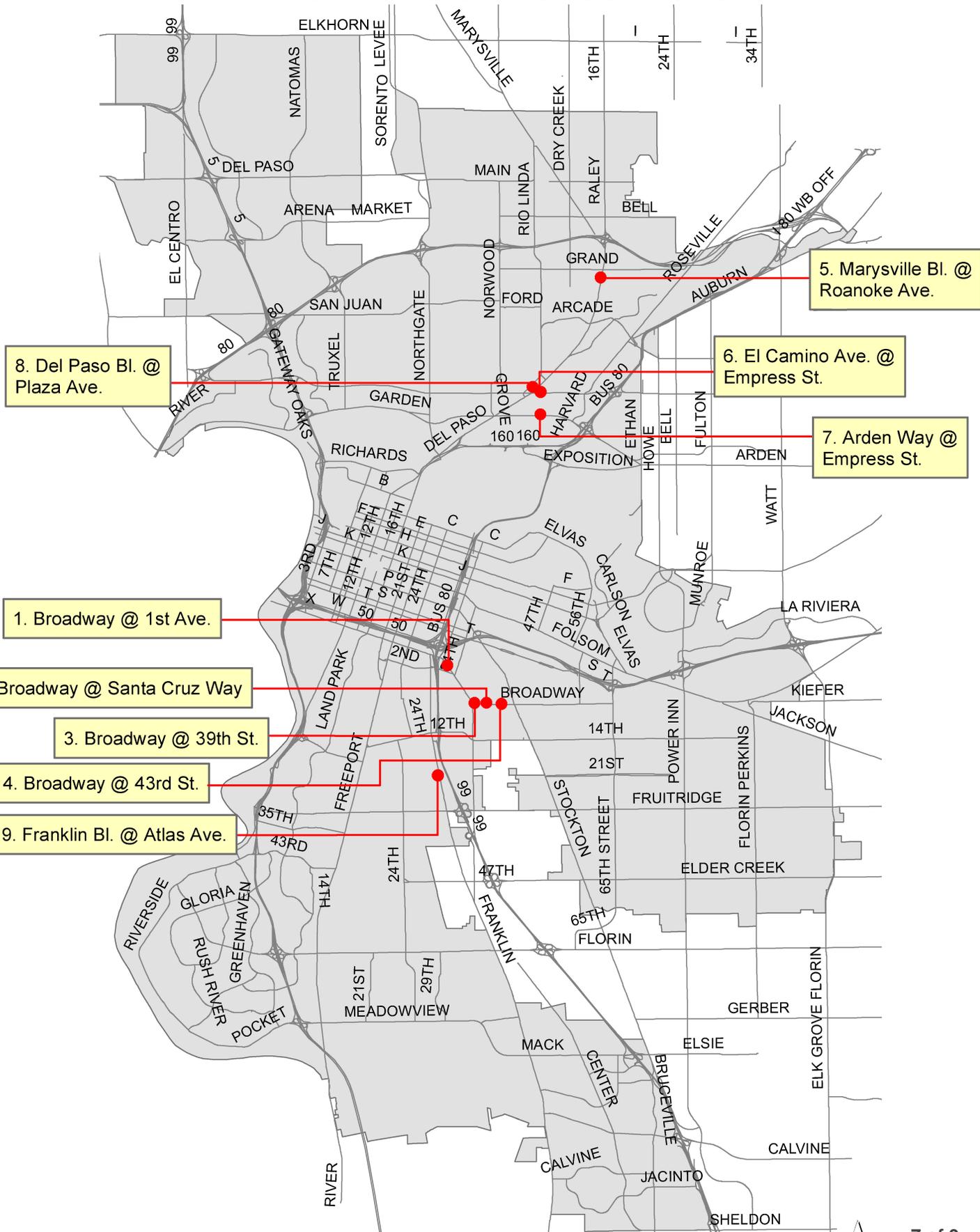
**BASED ON THE FACTS SET FORTH IN THE BACKGROUND, THE CITY COUNCIL RESOLVES AS FOLLOWS:**

- Section 1. The City Manager or his designee is authorized to submit three project applications for HSIP grant funding to:
- a) Install pedestrian activated signal improvements at nine locations throughout the City;
  - b) Enhance the Carlson Drive corridor, between H Street and J Street, and install enhanced bike facilities along H Street between Carlson Drive and Camellia Avenue;
  - c) Install a traffic signal at the Fruitridge Road and 58<sup>th</sup> Street or intersection improvements at the Norwood Avenue / Jessie Avenue to provide protected left turn movements in the east / west direction. This application will be submitted in the event that matching funds are not received for the Fruitridge Road and 58<sup>th</sup> Street intersection.
- Section 2. Exhibits A, B, C are incorporated into and made part of this Resolution.

**Table of Contents:**

- Exhibit A: Pedestrian Signals Location Map
- Exhibit B: Carlson Drive Corridor/Intersections Improvements Location Map
- Exhibit C: Fruitridge Road / 58<sup>th</sup> Street intersection and Norwood Avenue / Jessie Avenue intersection Location Map

# LOCATION MAP FOR PEDESTRIAN SIGNALS LOCATIONS



8. Del Paso Bl. @ Plaza Ave.

5. Marysville Bl. @ Roanoke Ave.

6. El Camino Ave. @ Empress St.

7. Arden Way @ Empress St.

1. Broadway @ 1st Ave.

2. Broadway @ Santa Cruz Way

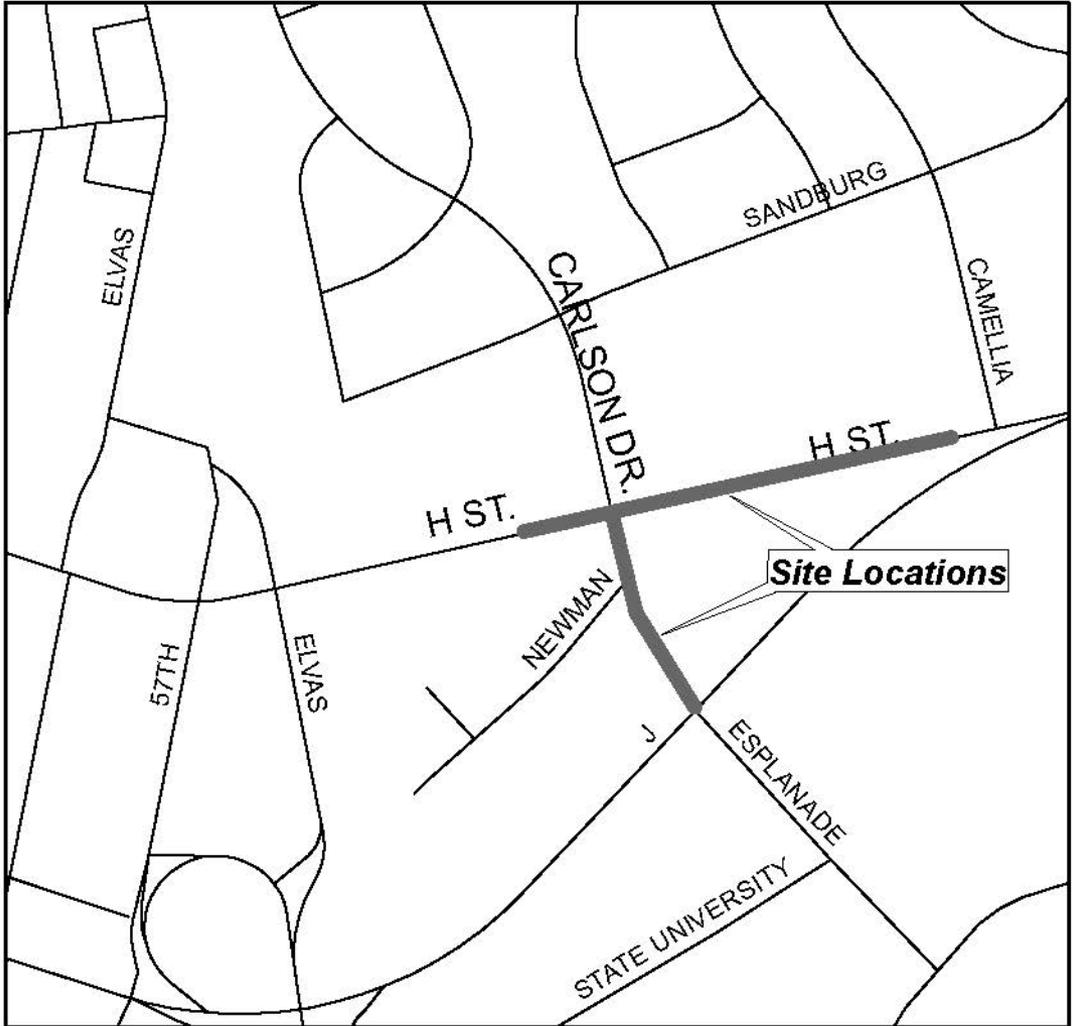
3. Broadway @ 39th St.

4. Broadway @ 43rd St.

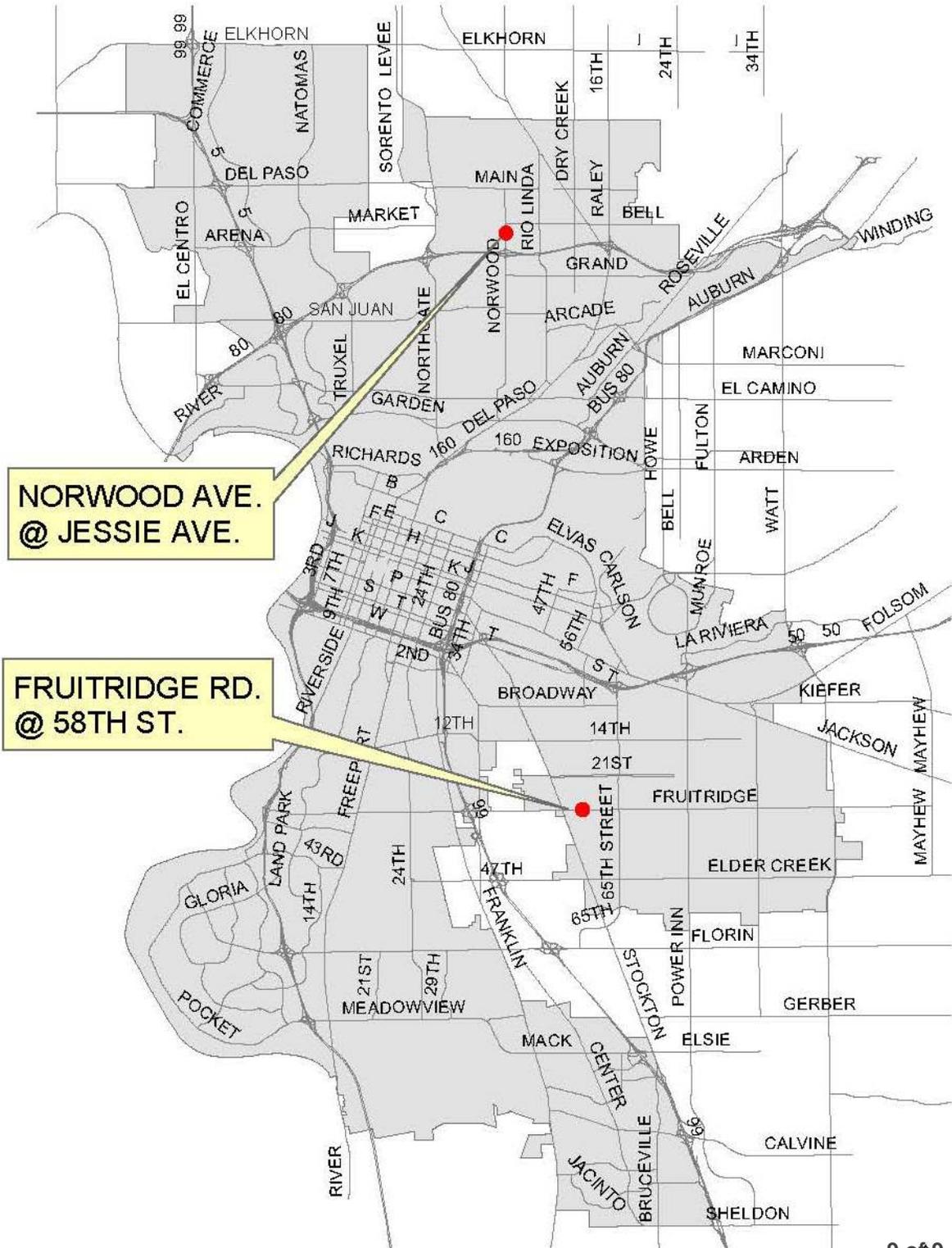
9. Franklin Bl. @ Atlas Ave.



# CARLSON DRIVE CORRIDOR/INTERSECTIONS IMPROVEMENTS



# FRUITRIDGE RD./58TH ST. & NORWOOD AVE./JESSIE AVE. INTERSECTIONS



**NORWOOD AVE.  
@ JESSIE AVE.**

**FRUITRIDGE RD.  
@ 58TH ST.**

