RESOLUTION NO. 2015-0232

Adopted by the Sacramento City Council

July 21, 2015

AUTHORIZATION TO APPLY FOR HIGHWAY SAFETY IMPROVEMENT PROGRAM (CYCLE 7) GRANT

BACKGROUND

A.   The California Department of Transportation (Caltrans) has announced Cycle 7 call for projects for the federal Highway Safety Improvement Program (HSIP) funds.

B.   Staff routinely evaluates the City's roadway network as part of proactive safety management to review traffic operations and identify potential safety improvement projects. The projects recommended in the previous section of this report for HSIP grant applications are consistent with Caltrans' guidelines and criteria for the subject grant, and represent the most competitive candidate projects.

C.   The estimated cost of the proposed projects is approximately $13.88 million; the total cost may vary marginally in the final applications depending on the final scope of individual projects. The anticipated local match is approximately 11%. If the requested grant is awarded by the State, the 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 the applications for the following projects for HSIP grant (Cycle 7):

(1)   Install Rectangular Rapid Flashing Beacons (RRFBs) at eleven locations at uncontrolled pedestrian crossings.

(2)   Provide advanced dilemma zone detection for high speed approaches at six intersections including upgrades to pedestrian and vehicle signal heads.

(3)   Install/upgrade vehicle and pedestrian signal heads; and install emergency vehicle pre-emption systems for various intersections.

(4)   Add street lighting on: Freeport Blvd from Meadowview Rd to Florin Rd; Meadowview Rd from Amherst St to 24th St; and Rio Linda Blvd from North Ave to Claire Ave.

(5)   Install Pedestrian Hybrid Beacons (PHBs) at nine locations at uncontrolled pedestrian crossings.

(6)   Convert traffic signals from pedestal-mounted to mast arm-mounted at seven intersections.

(7)   Improve traffic signal timing, coordination, and phasing on Stockton Blvd from Alhambra Blvd to Lemon Hill Ave.

(8)   Improve traffic signal timing, coordination, and phasing; convert signals from pedestal-mounted to mast arm-mounted; and provide advanced dilemma zone detection on Florin Rd from 24th St to South Land Park Dr.

Section 2.   Exhibits A1 - A8 are incorporated into and made part of this Resolution.

Table of Contents:

Adopted by the City of Sacramento City Council on July 21, 2015, by the following vote:

Ayes: Members Ashby, Carr, Guerra, Hansen, Harris, Jennings, Schenirer, and
               Warren

Noes: None

Abstain: None

Absent: Mayor Johnson

Attest:

Shirley Concolino

Digitally signed by Shirley Concolino
DN: cn=Shirley Concolino, o=City of Sacramento, ou=City
Clerk, email=sconcolino@cityofsacramento.org, c=US
Date: 2015.07.28 16:07:10 -07'00'

Shirley Concolino, City Clerk

Location Map for:
Installing Rectangular Rapid Flashing Beacons and Pedestrian Islands at Uncontrolled Pedestrian Crossings
(Application No. - 1)

SAN JUAN RD and BANDON WAY

GRAND AVE and ALTOS AVE

DEL PASO BLVD and AMERICAN RIVER BIKE TRAIL

J ST and 35TH ST

LA RIVIERA DR and WATERGLEN CIR (E)

LA RIVIERA DR and MOORBROOK WAY

LA RIVIERA DR and LIDO CIR

LA RIVIERA DR and MEDITERRANEAN WAY

HAVENSIDE DR and LAS POSITAS CIR (W)

RUSH RIVER DR and POCKET CANAL PKWY

VALLEY HI DR and KENTWAL DR

0 mi   1 mi   2 mi   3 mi   4 mi   5 mi

LEGEND:

● Rapid Flashing Beacons and Pedestrian Islands Locations

N

City of SACRAMENTO
Department of Public Works

Date: July 14, 2015

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Location Map for:
Providing Advanced Dilemma Zone Detection
(Application No. - 2)

NORTHGATE BL

HAGGIN AVE

CLAIRE AVE

RIO LINDA BL

EXPOSITION BL

ETHAN WAY

FRANKLIN BL

FRUITRIDGE RD

FAIR OAKS BL

HOWE AVE

MACK RD

FRANKLIN BL

Legend:

● Intersections with Proposed Advanced Dilemma Zone Detections

0 mi 1 mi 2 mi 3 mi 4 mi 5 mi

N

S:\Transportation\Operations\Daniel\ApplicationMaps\Application2

City of
SACRAMENTO
Department of Public Works

Date: July 14, 2015

Location Map for:
Providing Safety Improvements for Traffic Signals
(Signal Hardware, Emergency Vehicle Pre-emption System, and Pedestrian Countdown Signal Heads)
(Application No. - 3)

Project Location

C ST

3RD ST

10TH ST

7TH ST

J ST

CAPITOL MALL

24TH ST

29TH ST

ALHAMBRA BLVD

T ST

RIVERSIDE BL

BROADWAY

0 mi   1 mi   2 mi   3 mi   4 mi

City of
SACRAMENTO
Department of Public Works

Date: July 14, 2015

N

Location Map for:

Providing Street Lighting
(Application No. - 4)

CLAIRE AVE

RIO LINDA BL

NORTH AVE

FLORIN RD

FREEPORT BLVD

AMHERST ST

24TH ST

MEADOWVIEW RD

0 mi   1 mi   2 mi   3 mi   4 mi   5 mi

N

S:\Transportation\Operations\Daniel\ApplicationMaps\Application4

City of
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Location Map for:
Installing Pedestrian Hybrid Beacons at Uncontrolled Pedestrian Crossings
(Application No. - 5)

W EL CAMINO AVE and GRASSLANDS DR

DEL PASO BLVD and HELENA AVE

15TH ST and CAPITOL AVE

SUTTERVILLE RD and EAST RD

BROADWAY and 36TH ST and 4TH AVE

BROADWAY and 38TH ST

24TH ST and 53RD AVE

VALLEY HI DR and VALLEY GREEN DR

BRUCEVILLE RD and STACCATO ST

LEGEND:
● Pedestrian Hybrid Beacon Locations

0 mi   1 mi   2 mi   3 mi   4 mi   5 mi

N

S:\Transportation\Operations\Daniel\Application Maps\Application5

City of
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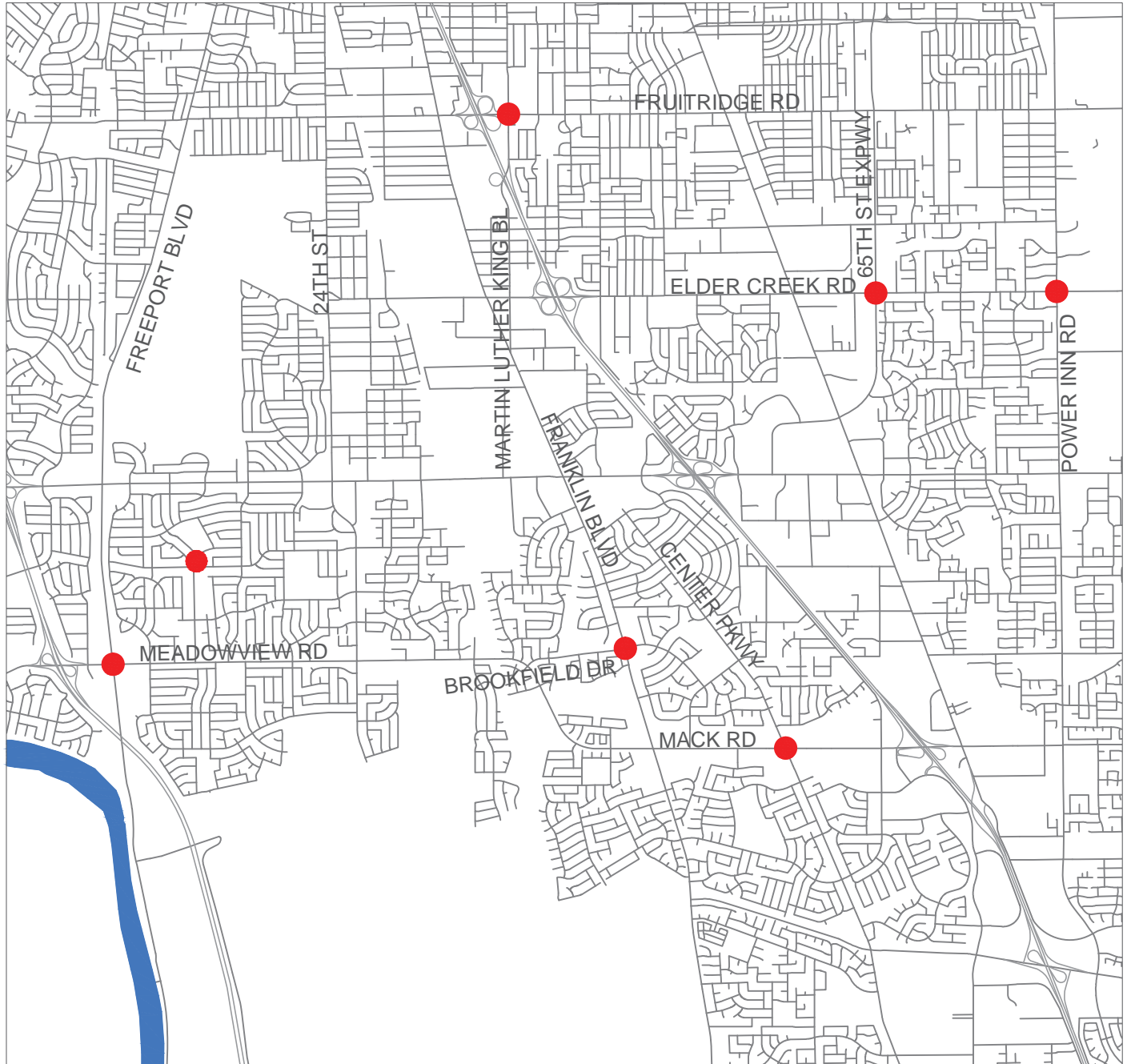
Location Map for:
Converting Signal Heads From Pedestal-Mounted to Mast-Arm Mounted
(Application No. - 6)

Legend:
● Pedestal to Mast-Arm Mounted Conversion Locations
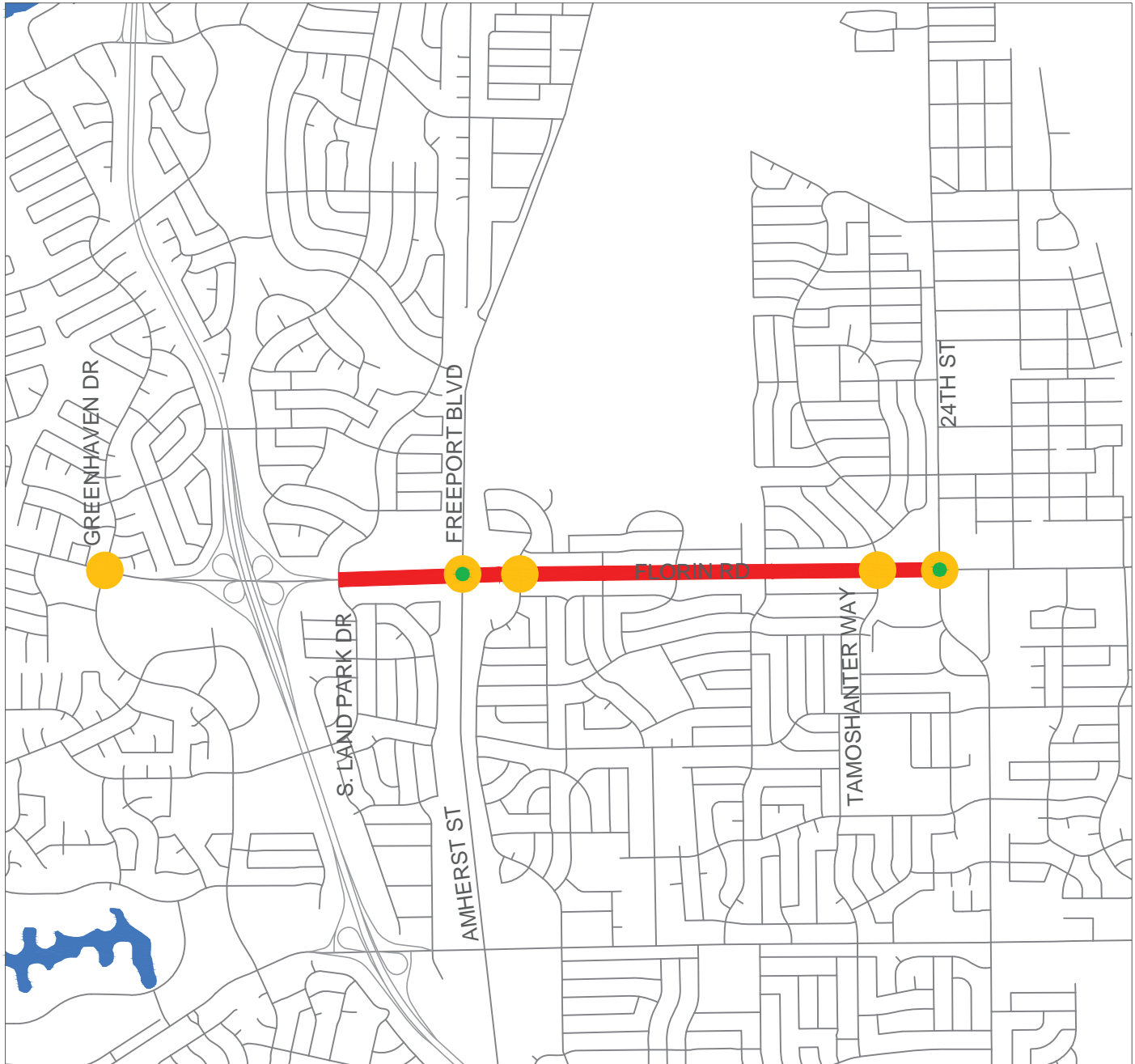
0.00 mi   0.50 mi   1.0 mi   1.5 mi   2.0 mi

N

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S:\Transportation\Operations\Daniel\ApplicationMaps\Application6

Location Map for:
Improving Signal Timing (Coordination, Phases, etc.)
(Application No. - 7)

PROJECT
LOCATION

Convert Signal
From Pedestal -
Mounted to Mast
Arm Mounted

0.00 mi   0.40 mi   0.80 mi   1.2 mi   1.6 mi

N

City of
SACRAMENTO
Department of Public Works

S:\Transportation\Operations\Daniel\ApplicationMaps\Application7

Location Map for:

Safety Improvements along Florin Rd Corridor (Improve Signal Timing (Coordination, Phases, etc.), and Convert Signals from Pedestal to Mast-Arm Mounted)
Application No. - 8

S:\Transportation\Operations\Daniel\ApplicationMaps\Application8

Legend:
- ▬ Signal Timing Including Coordination Improvement
- ● Pedestal to Mast Arm - Mounted Conversion Locations
- ● Dilemma Zone Detection Location

0 mi   0.4 mi   0.8 mi   1.2 mi   1.6 mi

N

City of
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Department of Public Works