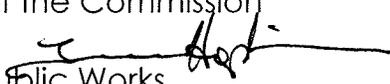


**CITY OF HUNTINGTON BEACH
PUBLIC WORKS COMMISSION
REQUEST FOR ACTION**

Item No. 08-09

SUBMITTED TO: Chairman Rivera and Members of the Commission

SUBMITTED BY: Travis K. Hopkins, PE, Director of Public Works 

DATE: March 19, 2008

SUBJECT: Traffic Signal Installations
Goldenwest Street and Rio Vista Drive (CC-1300)
Adams Avenue and Ranger Lane (CC-1311)

Statement of Issue: Plans and specifications are in final preparation for the installation of traffic signals at the intersections of Goldenwest Street at Rio Vista Drive and Adams Avenue at Ranger Lane. Upon approval from the Director of Public Works they will be ready to go out for bid. Staff requests support of the capital project prior to advertisement for competitive bids.

Funding Source: Funds totaling \$992,500 have been appropriated in the current budget year for the traffic signal installations at these two locations. The funding amount also includes the construction of other traffic signals. Funding is from the Traffic Impact Fee Account 20690007.82700. The engineer's construction cost estimate for this project is \$490,000.

Recommended Action: Motion to recommend to the City Council the installation of traffic signals at Goldenwest Street and Rio Vista Drive (CC-1300) and at Adams Avenue and Ranger Lane (CC-1311).

Alternative Action(s): Recommend changes to the project.

Analysis: The intersections of Goldenwest Street and Rio Vista Drive and Adams Avenue and Ranger Lane have been identified as high priority installations on the Traffic Signal Priority List. For the 2006 Traffic Signal Priority List, the intersection of Adams and Ranger was listed as the number one priority with the intersection of Goldenwest and Rio Vista listed as number two.

The intersection of Adams Avenue and Ranger Lane ranked number one on the Traffic Signal Priority List based upon vehicular volumes and collision history relating to southbound vehicles on Ranger Lane entering the intersection. The Goldenwest Street and Rio Vista Drive intersection ranked number two based on collision history. This was primarily rear end collisions of vehicles on Goldenwest Street, not anticipating other vehicles stopping for a pedestrian in the south leg crosswalk. Both traffic signal installations will mitigate these conditions.

G-1'

A brief description of the operational changes that will be provided with each installation is presented in the following sections:

Goldenwest Street and Rio Vista Drive: Eastbound Rio Vista Drive currently terminates at Goldenwest Street and is controlled by a stop sign. There is an entrance driveway to a Central Park parking area which forms the east leg of the intersection, also stop controlled. There is a striped crosswalk across the south leg of the intersection crossing Goldenwest Street. There is no southbound left turn lane from Goldenwest Street into the Central Park driveway. The parking area can be accessed from southbound Goldenwest Street by utilizing another driveway, located approximately 200 feet north of the intersection. The traffic signal will control all legs of the intersection and will include a "protected-permissive" northbound left turn arrow. Southbound left turns will be prohibited due to the offset of the intersection, which precludes north and southbound left turns occurring simultaneously. Crosswalks will be provided across the west, south and east legs of the intersection. A north leg crosswalk will not be provided due to geometric constraints.

Adams Avenue and Ranger Lane: Southbound Ranger Lane currently terminates at Adams Avenue and is controlled by a stop sign. The traffic signal will control all legs of the intersection and will include an eastbound left turn arrow. Due to topographic constraints and the inability to provide a crosswalk compatible with the Americans with Disabilities Act, no crosswalk will be provided crossing Adams Avenue.

It was recognized that the installation of a traffic signal at Adams Avenue and Ranger Lane, while mitigating the collision history, will also improve the ability for motorists to make a southbound to eastbound left turn. Given the concerns that the neighborhood already has with cut-through traffic avoiding the Brookhurst Street and Adams Avenue intersection, neighborhood input was solicited. In order to introduce the Adams Avenue and Ranger Lane project to the neighborhood and obtain residents' comments, a public meeting was held on November 14, 2007. Notices of this meeting were mailed to approximately 300 households in the area which were identified as being potentially impacted by the traffic signal installation. Approximately 35 people attended the meeting held at Pegasus School. The installation of the traffic signal was generally supported by the majority of the attendees that expressed an opinion.

The residents who attended the meeting or otherwise contacted the Public Works Department regarding the project were notified of the March 19, 2008 Public Works Commission review of this project. The notification letter is included as Attachment 2.

Traffic Signal Installations Goldenwest and Rio Vista Drive,
Adams Avenue and Ranger Lane
March 19, 2008
Page 3

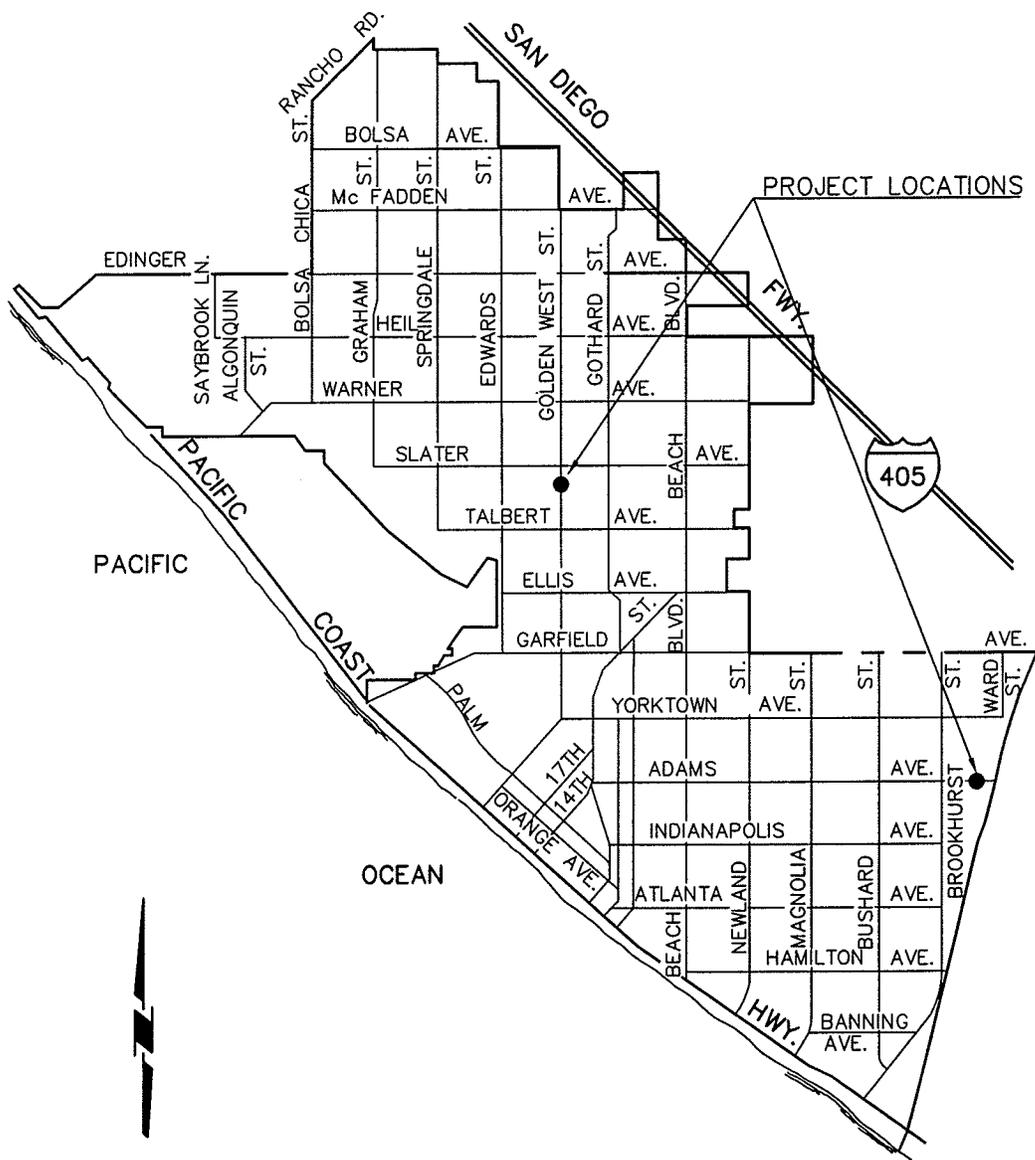
Construction will be scheduled for Summer 2008.

- Attachments:**
1. Project Location Map
 2. Public Notification Letter

G-13

G-1⁴

ATTACHMENT #1



G-15

CITY OF HUNTINGTON BEACH * PUBLIC WORKS * TRAFFIC ENGINEERING



GOLDENWEST STREET AND RIO VISTA DRIVE - CC 1300
 ADAMS AVNUE. AND RANGER LANE - CC 1311

ATTACHMENT

1

G-16

ATTACHMENT #2



City of Huntington Beach

2000 Main Street ♦ PO Box 190 ♦ CA 92648

Travis K. Hopkins, PE
Director

Department of Public Works
(714) 536-5431

March 11, 2008

RE: Notification of Public Meeting – Adams Avenue and Ranger Lane Traffic Signal Installation

Dear Resident:

You are receiving this notification as a result of your participation in the November 14, 2007 community meeting or otherwise expressed interest in the City of Huntington Beach's proposal to construct a traffic signal at the intersection of Adams Avenue and Ranger Lane. The result of that meeting was a general consensus supporting the signal installation rather than the other options presented for the intersection.

The Department of Public Works is nearing completion of the design of the new traffic signal. The next step in the process is for the Public Works Commission to consider recommending to the City Council the construction of this traffic signal.

This item is scheduled to be on the agenda of the Public Works Commission meeting on Wednesday, March 19, 2008, starting at 5 p.m. at:

Huntington Beach City Hall
City Council Chambers
2000 Main Street
Huntington Beach, CA 92648

You are invited to participate in the process by speaking at the meeting or submitting written comments for consideration.

If you have any questions or concerns regarding this issue, please contact me at (714) 536-5431.

Sincerely,

William F. Janusz, P.E.
Principal Civil Engineer

G-17