



DATE: November 19, 2014

TO: Honorable Mayor and City Councilmembers

FROM: Development Services Department

SUBJECT: **APPROVAL OF RESTRIPING THE INTERSECTION OF OCEANSIDE BOULEVARD AND CANYON DRIVE**

**SYNOPSIS**

Staff recommends that City Council approve restriping the intersection of Oceanside Boulevard and Canyon Drive to realign the south-westbound approach from a 45-degree turn to a 90-degree turn in an effort to reduce vehicular speeding.

**BACKGROUND**

The City has received several concerns and complaints regarding vehicular speeding through the intersection of Oceanside Boulevard and Canyon Drive, and on Canyon Drive between Oceanside Boulevard and Crouch Street. Currently, Oceanside Boulevard has a posted speed limit of 45 mph, and Canyon Drive between Oceanside Boulevard and Crouch Street has a posted speed limit of 25 mph.

It has been observed by City staff during several field investigations that due to the existing configuration of the intersection of Oceanside Boulevard and Canyon Drive, motorists driving westbound tend to maintain their higher vehicular speed when turning off of Oceanside Boulevard driving northbound onto Canyon Drive.

**ANALYSIS**

Oceanside Boulevard is a four-lane major arterial road with a two-way left-turn lane dividing westbound and eastbound traffic. There are existing bike lanes, sidewalks, and curb and gutter on both sides of the road. The average daily traffic (ADT) on Oceanside Boulevard is approximately 27,000 vehicles. Canyon Drive is a two-lane local road with approximately 4,800 ADT. Canyon Drive, between Oceanside Boulevard and Crouch Street, is not fully improved with sections of missing curb and gutter and sidewalk. Due to these existing, unimproved conditions on Canyon Drive some parking occurs in the unimproved dirt shoulders primarily on the south side of the road.

The only existing traffic control device at this intersection is a stop control on Canyon Drive at Oceanside Boulevard. Motorists currently have unrestricted turning access at this intersection (Refer to Attachment A).

In response to these vehicular speeding concerns and complaints, Transportation Engineering Staff proposes to restripe the intersection of Oceanside Boulevard and Canyon Drive to realign the south-westbound approach from approximately a 45-degree turn to a 90-degree turn. This new alignment would require south-westbound traffic to reduce their vehicular speed to maneuver the 90-degree turn, and continue northwest on Canyon Drive (Refer to Attachment B).

The proposed restriping project would require the removal of approximately four on-street parking spaces on the north side of Canyon Drive, near the intersection of Oceanside Boulevard, as some of these spaces would no longer be accessible due to the realignment of the intersection.

Ultimately, the realignment of the intersection of Oceanside Boulevard and Canyon Drive will help reduce vehicular speeds through the intersection and onto Canyon Drive by forcing motorists to reduce their speeds by altering turning movement conditions at this intersection.

### **FISCAL IMPACT**

It will cost approximately \$4,000 to restripe the intersection of Oceanside Boulevard and Canyon Drive. The funding source is the TransNet half cent sales tax. The Miscellaneous Traffic Markings account (425411212.5325) has an existing purchase order (#1002208) with Statewide Stripes Inc., for \$42,765, with an available balance of \$20,794.25. Therefore, sufficient funds are available.

### **CITY ATTORNEY'S ANALYSIS**

Pursuant to the Oceanside Traffic Code, this work falls within the duties and responsibilities of the City Traffic Engineer.

The referenced documents have been reviewed by the City Attorney and approved as to form.

### **COMMISSION OR COMMITTEE REPORT**

Does not apply.

**RECOMMENDATION**

Staff recommends that City Council approve restriping the intersection of Oceanside Boulevard and Canyon Drive to realign the south-westbound approach from a 45-degree turn to a 90-degree turn in an effort to reduce vehicular speeding.

PREPARED BY:



\_\_\_\_\_  
David DiPierro  
City Traffic Engineer

SUBMITTED BY:



\_\_\_\_\_  
Steven R. Jepsen  
City Manager

REVIEWED BY:

Michelle Skaggs Lawrence, Assistant City Manager

Scott O. Smith, City Engineer

James R. Riley, Financial Services Director



Attachments:

1. Location Map (Exhibit "A")
2. Proposed Striping Plan (Exhibit "B")

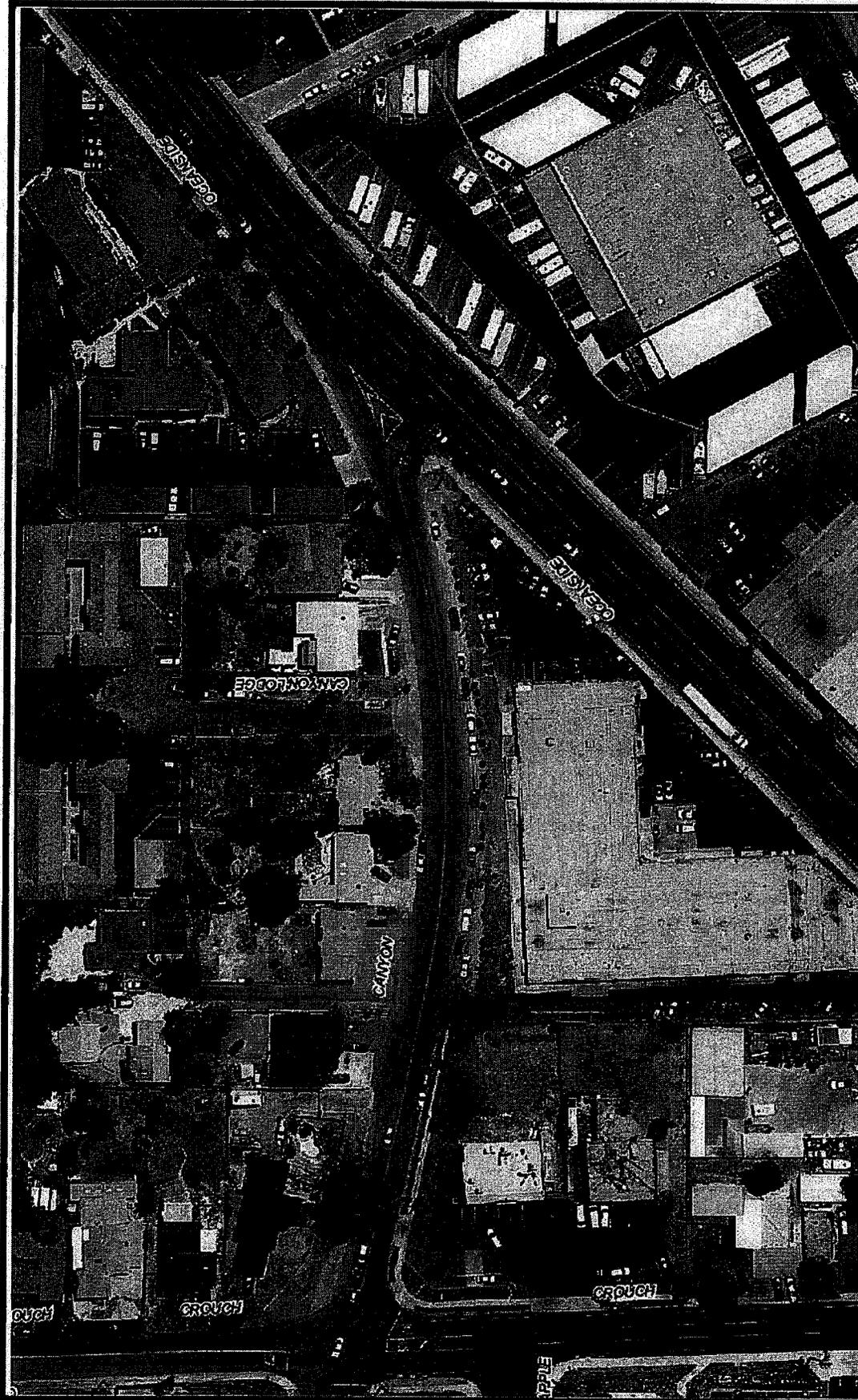
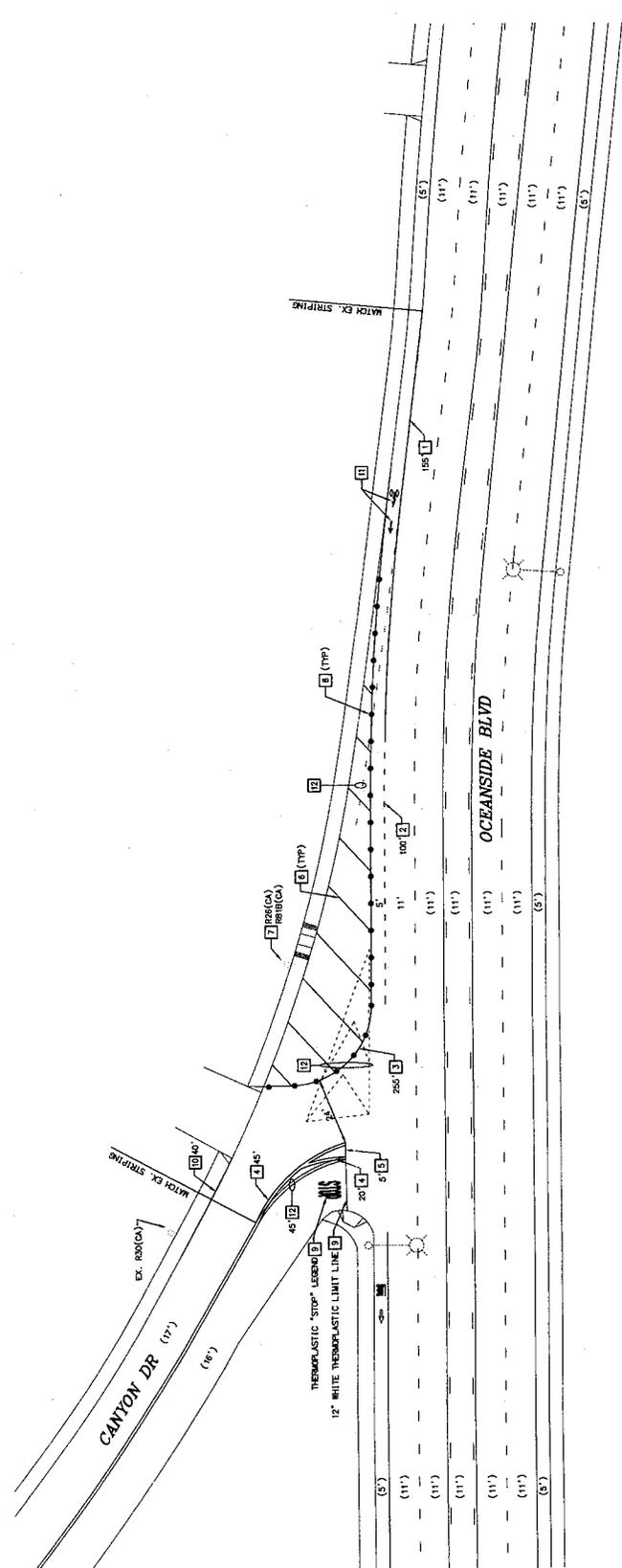


EXHIBIT  
A

PROJECT: **PROPOSED PROJECT LOCATION**





**QUANTITIES**

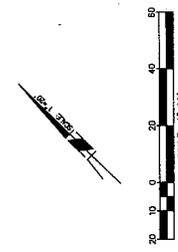
ITEM	QUANTITY	UNIT
CALTRANS STANDARD PLAN ADD, DETAIL 39.	155	LF
CALTRANS STANDARD PLAN ADD, DETAIL 39A.	100	LF
CALTRANS STANDARD PLAN ADD, DETAIL 39B.	265	LF
CALTRANS STANDARD PLAN ADD, DETAIL 39C.	85	LF
CALTRANS STANDARD PLAN ADD, DETAIL 39D.	5	LF
12" WHITE THERMOPLASTIC LIMIT LINE PER CALTRANS STANDARD PLAN ADD.	170	LF
12" WHITE THERMOPLASTIC DIAGONAL CROSSHATCH	23	EA
36" HIGH TYPE SURFACE MOUNTED CHANNELIZER	1	EA
THERMOPLASTIC BIKE LANE SYMBOL WITH PERSON AND JARON PER CALTRANS STANDARD PLAN ADD AND SIGN.	20	LF
REFRESH THERMOPLASTIC 12" LIMIT LINE	1	EA
REFRESH THERMOPLASTIC "STOP" LEADER	428	LF
REMOVE EX. STRIPING		

- CONSTRUCTION NOTES**
- INSTALL SOLID WHITE BIKE LANE LINE PER CALTRANS STANDARD PLAN ADD, DETAIL 39.
  - INSTALL DASHED WHITE BIKE LANE LINE PER CALTRANS STANDARD PLAN ADD, DETAIL 39A.
  - INSTALL WHITE CHANNELIZING LINE PER CALTRANS STANDARD PLAN ADD, DETAIL 39A.
  - INSTALL DOUBLE YELLOW CENTER LINE PER CALTRANS STANDARD PLAN ADD, DETAIL 22.
  - INSTALL 12" WHITE THERMOPLASTIC LIMIT LINE PER CALTRANS STANDARD PLAN ADD.
  - INSTALL 12" WHITE THERMOPLASTIC DIAGONAL CROSSHATCH AT 45 DEGREES AT 15' SPACING.
  - REMOVE AND SAWCUT EXISTING POLE AND SIGN AS NOTED ON PLAN. RETURN INTERIORS TO CITY.
  - REMOVE AND SAWCUT EXISTING CHANNELIZER AT 10' ON CENTER. CHANNELIZER SHALL BE 36" HIGH WHITE FLEXIBLE POST WITH TYPE 2 WHITE RETROREFLECTIVE SHEETING ON THE FRONT AND BACK.
  - REFRESH EXISTING STRIPING.
  - INSTALL RED PAINT TO CURB.
  - INSTALL THERMOPLASTIC BIKE LANE SYMBOL WITH PERSON AND BIKE LANE JARON PER CALTRANS STANDARD PLAN ADD AND SIGN.
  - REMOVE EXISTING STRIPING.

- LEGEND**
- PROPOSED SURFACE MOUNTED CHANNELIZER
  - EXISTING SIGN

**GENERAL NOTE**

2 WEEKS PRIOR TO INSTALLATION OF ANY STRIPING CHANGES, CONSULT WITH THE CITY ENGINEERING DEPARTMENT FOR APPROVED PROPOSED INTERSECTION RECONFIGURATION.



**CANYON DR & OCEANSIDE BLVD**

STRIPING AND STRIPING IMPROVEMENT PLANS FOR

PROJECT NO. 1

CITY OF OAKLAND

APPROVED BY: [Signature]

CITY ENGINEER: SCOTT O. JAMES, P.E. 5085

DATE: 11/14/14

DESIGNED BY: [Signature]

CHECKED BY: [Signature]

PROJECT NO. R14-00020

**APPROVED CHANGES:**

NO.	DESCRIPTION	APPROVED DATE



**DGAURKI**

DIAL TOLL FREE  
1-800-422-4133  
AT LEAST TWO DAYS BEFORE YOU BID

UNDERSTAND SOURCE ASBESTY OF SOUTHERN CALIFORNIA

**EXHIBIT B**