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Fire Prevention Standard

Title: Blue Reflective Pavement Markers			
Number: # 06-11	Effective Date: 2-9-07	Revised Date: 4/16/2008	
Code References: 2007 CFC, Sec. 501			
Note: <i>This standard is a summary of Fire Department clarifications of County and State Codes. Information contained herein applies to typical circumstances and may not address all situations.</i>			
Author: Committee	Date:	Approved: T. Hobday, FM	Date:
Sign:		Sign: On File	2-9-07

Scope

This standard has been developed to assist development applicants, architects, and contractors in determining the minimum requirements for the proper placement of blue reflective pavement markers for indicating the location and identification of fire hydrants and water supply locations for fire fighting purposes only. Blue markers used for any other purpose should be removed.

The applicant must obtain approval from Caltrans where blue markers are to be placed on roadways/highways regulated and maintained by Caltrans prior to installation. Encroachment permits may be required.

Codes and Standards

This standard has been based upon the 2007 California Fire Code (CFC), Sec. 501 – Fire-Protection Equipment and Fire Hydrants.


Plans Required

The location of blue reflective markers shall be indicated on the appropriate water plans that are required to be submitted to the Riverside County Fire Department for the installation of all fire hydrants and water supply locations used for the fire fighting purposes.

Specific Requirements

- 1) Two-Way Streets and Roads: Markers are to be placed six inches from the edge of the painted centerline on the side nearest the fire hydrant. If the street has no centerline, the marker should be placed six inches from the approximate center of the roadway on the side nearest the hydrant. (Ref. Fig. 1 through 3)
- 2) Streets With Left Turn Lane at Intersection: Markers are to be placed six inches from the edge of the painted white channelizing line on the side nearest the hydrant. (Ref. Fig. 4)
- 3) Streets With Continuous Two-Way Left Turn Lane: Markers are to be placed six inches from the edge of the painted yellow barrier line on the side nearest the fire hydrant. (Ref. Fig. 5)
- 4) Freeways and Expressways: Because of higher maintenance at these locations, if placed on the roadway, markers are to be placed on the shoulder on-foot to the right of the painted edgeline opposite the off-right of way from the fire hydrant location. (Ref. Fig. 6)

TYPICAL HYDRANT MARKER LOCATION

 = Fire Hydrant


 = Blue Pavement Marker

Figure 1
Two Lane Streets

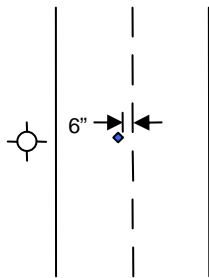


Figure 2
Multi-Lane Streets

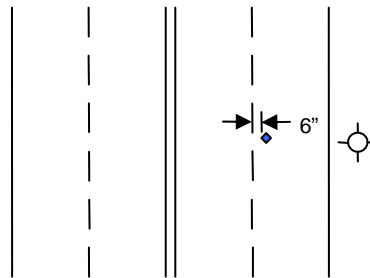


Figure 3
An Intersection

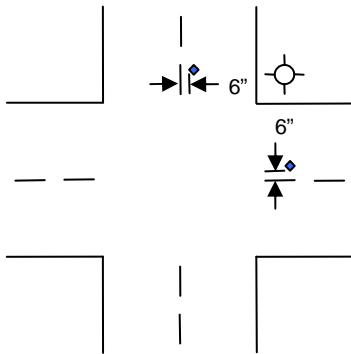


Figure 4
Four Lane Streets with
Turn Lane at Intersection

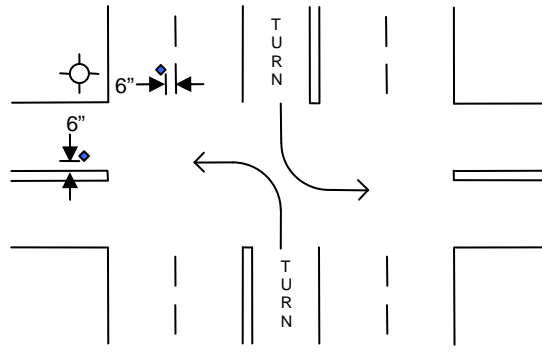


Figure 5
Multi-Lane Streets
With Turn Lane

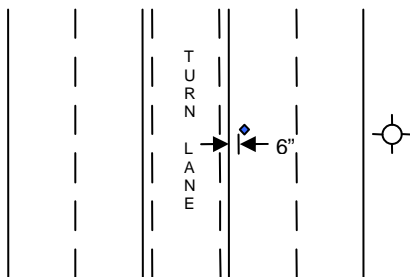


Figure 6
Freeways and Expressways

