



# COALINGA FIRE DEPARTMENT

GREG DUPUIS, FIRE CHIEF

300 W. Elm Ave • Coalinga, CA 93210 • Phone (559) 935-1652 • Fax (559) 935-1638

CITY OF COALINGA FIRE DEPARTMENT		
FIRE PREVENTION STANDARD		
STANDARD TITLE:	EVA REMOVEABLE OLLARDS AND SEING BARRIERS	
STANDARD NUMBER: 403.002A	EFFECTIVE DATE: March 15, 2022	REVISION DATE: March 15, 2022

## ***PURPOSE***

The purpose of this policy is to outline the Coalinga Fire Department's (CFD or Department) requirements permitting removable bollards or swing barriers in lieu of conventional gates across emergency vehicle only (EVA) access points.

## ***APPLICATION***

This policy applies to private developments where secondary access for emergency vehicles is needed due to the depth and/or configuration of the project, and the additional point of common access is not required by the City of Coalinga Public Works Traffic Operations and Planning Department, nor desired by the developer. EVAs are typically designed to a minimum clear width of twenty (20) feet.

## ***OPERATIONAL POLICY***

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## ***OPERATIONAL GUIDELINE***

The required bollard design specifications are as follows:

1. See Public Works Standard P-61, for details on removable bollard installation that include diameter and length of pipe, required footing and pipe sleeve, locking tab for padlocks and reflective marking tape. All bollards across an EVA shall be removable.
2. Three (3) bollards are required spaced five (5') feet apart as measured from a bollard placed in the middle of the twenty (20') foot EVA. Where the EVA is wider than twenty (20') feet, additional bollards may be required.
3. Individual bollards must not exceed forty pounds (40 lbs.) in weight.



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The required swing barrier design specifications are as follows:

1. The barrier shall consist of two (2) ten-foot (10') swing sections of steel construction secured in the middle with a retractable post. See Public Works Standard P-99 for details on barricade leaf fabrication. This detail does not include a method to secure two barrier sections together which should be done with welded tabs in lieu of using a chain and padlock. Use of the P-99 for barrier design is advised to provide a durable, low maintenance barrier.

The following requirements are applicable to both bollards and swing barriers:

1. Provide Fire X-1 padlocks for each individual removable bollard or the retractable center post of a swing barrier.
2. Provide reflective tape markings clearly visible to pedestrians and vehicles.
3. Parking restriction signs are required per Fire Prevention Manual, Section No. 403.005, Requirements for Marking Fire Lanes on Private Property, for EVA gate signs.

## ***PROCESS***

Removable bollards or approved swing barriers must be clearly shown on the approved entitlement documents submitted to the City of Coalinga Planning and Development Department (COFPD) for review and approval. The street construction civil drawings submitted to (COCP) Building & Safety must include all applicable details of the installation requirements listed in the previous Operational Guidelines section.

## ***INFORMATION***

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## ***DEFINITIONS***

1. Common Access: access intended for use by the public and emergency vehicles.
2. Emergency Vehicle Access (EVA): access intended only for use by emergency vehicles when the primary access point(s) is unavailable due to street or utility work, vehicle accident, fire ground operations or other emergency situations.



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## ***CROSS REFERENCES***

Public Works Standard  
W-4A, Bollard Detail

Fire Prevention Manual  
Section 403.005, Requirements for Marking Fire Lanes on Private Property