

*Rio Dell City Hall
675 Wildwood Avenue
Rio Dell, CA 95562
(707) 764-3532
cityofriodell.ca.gov*



March 3, 2026

TO: Rio Dell City Council

FROM: Kyle Knopp, City Manager

SUBJECT: Discussion and Possible Action Related to The Purchase of a Mobile Vehicle Barrier System

IT IS RECOMMENDED THAT THE CITY COUNCIL:

Direct staff to:

Direct staff to acquire bids for a Mobile Vehicle Barrier System; or,

Take no action.

BACKGROUND AND DISCUSSION

The City is currently in possession of approximately \$126,000 of American Recovery and Reinvestment (ARRA) grant funds to create an Open Space Events Facility (OSEF). The ARRA Funds must be expended by the end of this year, or be returned to the US Government. OSEF was conceived during Covid to create a new way for the community to safely gather in open air environments during special events, including Wildwood Days or future events such as a Farmers Market, or other such types of gatherings. Because open space park venues in the City are limited, in the past Wildwood Avenue has been utilized for such events. OSEF will create a safer ability to utilize Wildwood Avenue for special events by designating the section of the Avenue between Davis and Side Streets as such a venue. This location is desirable due to the ease of redirecting traffic that normally uses Wildwood Avenue around City Hall, thereby keeping the main North-South route open for vehicle traffic with minimal disruption to traffic and neighbors.

Originally envisioned was the utilization of traffic bollards physically installed in the roadway. However, due to the complexity and cost of such an installation, in addition to time constraints, staff has been researching alternatives. Attached is an example of a mobile vehicle barrier available in the United States. Such a barrier has numerous advantages, including the ease of setup and configuration, in addition to the fact that the system can be utilized by Public Works

for construction projects or other emergency situations necessitating lane closures or road closures. Such a system can also be contained in a trailer.

Attachments:

Example Mobile Vehicle Barrier
OSEF conceptual design

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PITAGONE F18 MOBILE VEHICLE BARRIER

The Pitagone F18 is a modular, rapidly deployable vehicle barrier for any special event.



The Pitagone F18 Mobile Vehicle Barriers are a lightweight, unique and mobile solution designed to protect people, places and things against intentional or inadvertent vehicle ramming attacks.

These mobile barriers can be set up in a matter of minutes by one person and does not require any tools to configure them. They are the only crash certified mobile solution crash tested with the wheels on the barrier. The integrated wheels on each barrier allows for emergency vehicle access. Pitagone F18 is a modular system, meaning the barriers can connect to each other to provide unlimited protected coverage. Optional Barrier Trailer Kits are available.



Pitagone Barrier Details

- **Crash Certifications:**
 - **ASTM:** F2656/F2656M-20 PU30/P3
 - **PAS 68:** 2013
 - **IWA 14-1:** 2013
 - **German Certification:**
 - 45 degree Impact Attack
 - 10.4 ft Offset Impact Attack
 - Wet Road Surface
- Emergency Vehicle Access Capabilities
- Available for purchase or rental
- Custom Color Schemes
- Barrier Trailer Kits
- Highly Visible
- Requires No Tools For Set Up
- No Sharp Edges
- Adjustable With Two Widths
- Secure & Stackable Storage
- Crash Tested with Wheels On
- Integrated ADA Accessible Pedestrian Walk Through

GET IN TOUCH

A leader in mobile high-security fencing, vehicle barriers, crowd control measures, guard booths, and temporary perimeter security solutions.



 VISIT SITE



ARX Perimeters
708-352-2373
arxperimeters.com
421 Heathrow Court
Burr Ridge, IL 60527

WILDWOOD EVENT SPACE

LEGEND

- 1 Detour direction
- 2 Extended sidewalk
- 3 Removable bollards
- 4 Temporary event/detour sign
- 5 Bus bench
- 6 Bicycle repair & hydration station
- 7 Bench
- 8 Gazebo
- 9 Framing/sheltering trees
- 10 Decking to widen sidewalk
- 11 Electrical hook up
- 12 General event space area
- 13 Community kiosk
- 14 Existing Rio Dell sign



