

Replace section 12-3.24 with:

12-3.24 MOBILE BARRIER SYSTEMS

12-3.24A General

12-3.24A(1) Summary

Section 12-3.24 includes specifications for providing, placing, repositioning, maintaining, and removing mobile barrier systems.

12-3.24A(2) Definitions

Not Used

12-3.24A(3) Submittals

At least 5 business days before starting work using mobile barrier systems, submit as informational submittals:

1. FHWA's acceptance letter for mobile barrier system compliance with MASH Test Level 3 requirements
2. Manufacturer's instructions
3. Certificate of compliance with Test Level 3 requirements for impact attenuator

Within 30 days of contract approval, submit proof of rental agreement or ownership documentation for mobile barrier systems.

At least 15 days before starting work that requires use of mobile barrier systems, apply for the following:

1. Vehicle inspection report for mobile barrier system:
 - 1.1. Initial travel on the state highway system
 - 1.2. Changes in ownership
2. Repetitive transportation permit that identifies the mobile barrier system. Attach the approved vehicle inspection report.

When mobile barrier system will be transported between projects, at least 3 business days before transporting the mobile barrier system from one project to another project, apply for the following:

1. Vehicle inspection report for mobile barrier system:
 - 1.1. Travel between projects, on the state highway system
 - 1.2. Changes in ownership
2. Single trip transportation permit. Attach the approved vehicle inspection report.

For information on applying for the repetitive transportation permit and obtaining the inspection report, go to the Department's permit website:

<http://dot.ca.gov/programs/traffic-operations/transportation-permits>

12-3.24A(4) Quality Assurance

Not Used

12-3.24B Materials

A mobile barrier system includes:

1. Mobile barrier trailer
2. Semi-tractor
3. Impact attenuator
4. Portable changeable message sign
5. 120/240 V, minimum 9 kW generator
6. Work area lights

The mobile barrier trailer must:

1. Be a rigid wall barrier trailer used with a standard semi-tractor
2. Comply with Veh Code Div 12
3. Be colored safety yellow or orange
4. Comply with MASH Test Level 3 requirements, except impact attenuator
5. Provide a protected adjustable work area of up to 100 feet, excluding the impact attenuator and semi-tractor
6. Be configurable to protect a work area to the right or left side of the traveled way
7. Have impact attenuator mounted on the barrier trailer
8. Have LED clearance and side-marker lights mounted on the barrier trailer
9. Have flashing or rotating amber lights

Impact attenuator must comply with MASH Test Level 3 or NCHRP 350 Test Level 3 up to December 31, 2026.

Work area lights must illuminate the entire work area at 10 foot-candles under 8 CCR 1523. The lights must not produce any glare to oncoming traffic.

Mobile barrier trailer must be as manufactured by Mobile Barriers LLC or equal.

Mobile barrier trailer can be rented from:

Manufacturer/Website	Email	Telephone no.
MOBILE BARRIERS LLC www.mobilebarriers.com	ca.sales@mobilebarriers.com	(303) 526-5995

The price quoted by _____ for the rental of mobile barrier trailer(s) only is \$_____ for the total days specified, not including sales taxes, F.O.B. _____, _____ email address _____. Additional rental requirements are provided in the *Information Handout*.

The above price will be firm for orders placed on or before _____.

12-3.24C Construction

Do not use mobile barrier systems to guide traffic across lanes or shoulders.

Perform placement, repositioning, and removal of mobile barrier systems within a stationary lane closure.

Provide mobile barrier systems for the lane closure chart number, locations, and construction activities shown in the following table:

Lane closure chart no.	Location	Construction activity
G1	Station 100+20	Lane #4 slab replacement

Place a mobile barrier system at each activity work area where workers are on foot.

Place mobile barrier systems parallel to the lanes as shown, within the closure at the beginning of the work area and reposition the mobile barrier systems as work progresses.

You may place mobile barrier systems within the traffic control system, in the lane adjacent to the work area.

Do not allow the side of mobile barrier systems, adjacent to traffic, to encroach into the adjacent lane unless authorized.

You may remove channelizing devices shown adjacent to mobile barrier systems. Place the channelizing devices back as the mobile barrier systems move within the work zone.

Protect each additional lane within the traffic control system with a stationary impact attenuator vehicle. Stagger placement of impact attenuator vehicles for equipment to access the work area.

When a mobile barrier system is not in use, remove it from the job site, place it behind a barrier or guardrail, or move it to an area at least 15 feet from the edge of the traveled way.

12-3.24D Payment

Onsite mobile barrier trailers will be paid by the month for each month of use.

Mobile barrier systems used within a closure will be paid by the day with each working day counting as 1 measurement unit.