

Replace section 12-3.24 of the RSS for section 12 with:

**12-3.24 MOBILE BARRIER SYSTEMS**

**12-3.24A General**

**12-3.24A(1) Summary**

Section 12-3.24 includes specifications for furnishing, placing, maintaining, and removing mobile barrier system.

Mobile barrier system provides enhanced protection of workers and traveling public in designated construction work zones.

**12-3.24A(2) Definitions**

Not Used

**12-3.24A(3) Submittals**

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

1. FHWA's acceptance letter for compliance with Manual for Assessing Safety Hardware (MASH) Test Level 3
2. Manufacturer's instructions

**12-3.24A(4) Quality Assurance**

Not Used

**12-3.24B Materials**

A mobile barrier system includes:

1. Barrier trailer
2. Impact attenuator TL-3
3. Portable changeable message sign
4. 120/240 V, 10kW generator
5. Work area lights

The mobile barrier system must:

1. Be a rigid wall barrier trailer that can be used with a standard semi-tractor.
2. Comply with Veh Code Div 12.
3. Be colored safety yellow.
4. Comply with the MASH Test Level 3 requirements.
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 road.
7. Have LED clearance and side-marker lights mounted on the barrier trailer.
8. Have flashing or rotating amber lights.
9. Have an inverted V chevron pattern across the entire rear of the impact attenuator. The pattern must be alternating 4-inch wide nonreflective black stripes and 4-inch wide retroreflective yellow stripes, sloping at 45 degrees.

Work lights must illuminate the whole 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:

Website	Address	Telephone no.
<a href="http://www.mobilebarriers.com">www.mobilebarriers.com</a>	MOBILE BARRIERS LLC 24918 GENESEE TRAIL ROAD GOLDEN, COLORADO, 80401	OFFICE (303) 526-5995 FAX (303) 526-9959 <a href="mailto:sales@mobilebarriers.com">sales@mobilebarriers.com</a>

The price quoted by Mobile Barrier LLC for the mobile barrier system, F.O.B. \_\_\_\_\_, \_\_\_\_\_ telephone \_\_\_\_\_ for rental is \$ \_\_\_\_\_ per month, not including sales tax.

The above price will be firm for orders placed on or before \_\_\_\_\_, provided delivery is accepted within 90 days after the order is placed.

### 12-3.24C Construction

Placement, movement, and removal of a mobile barrier system must be within a stationary lane closure.

Provide a mobile barrier system for the closure chart number at the locations shown for the construction activity:

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

Place the mobile barrier system as shown, within the closure at the beginning of the work area and reposition the mobile barrier as work progresses.

The mobile barrier may be placed within a buffer lane to protect the work area in the adjacent lane or shoulder.

The side of the mobile barrier facing traffic may be flush with the edge of the adjacent lane.

Channelizing devices shown adjacent to the mobile barrier may be removed. Place the channelizing devices back as the mobile barrier moves within the work zone.

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

Mobile barrier system is paid for each day of use in a closure with each day counting as 1 measurement unit.