

SPECIAL SPECIFICATION

180702

Mobile Work Zone Barrier

1. Description. Furnish and supply a mobile work zone barrier (Mobile Barriers MBT-1) for the protection of designated work zones. The intent is to utilize this safety device in congested areas to provide enhanced safety to the onsite work force and the traveling public, and improve public mobility.

2. Equipment. The mobile work zone barrier shall meet the following criteria:

- Shall be an integrated, rigid wall, trailer that can be used in conjunction with a standard semi-tractor:
- Shall meet the requirements of MASH and NCHRP 350 Test Level 3 or higher.
- Shall be accepted by the FHWA and Federal aid eligible for use on the National Highway System.
- Shall have a [specify fixed or steerable rear axle assembly].
- Shall provide variable length of work zone protection of up to [specify... 62', 82' or 102'] not including the TMA or the semi-tractor.
- Shall be capable of being configured to protect to the right or left side of the road.
- Shall include LED running lights and beacons.
- Shall include integrated work lighting and 10K generator with 120 & 240 power outlets throughout barrier.
- Shall include rear 4x8' [specify - programmable matrix board with radar and programmable touch panel, or arrow board with wireless remote], battery pack and integrated solar and generator power.
- Shall be equipped with an impact attenuator that meets the requirements of [specify MASH or NCHRP 350] Test Level 3 or higher.
- Shall be color safety yellow

The following products are examples of mobile work zone barriers that conform to the above requirements; other products that meet the above specifications can also be used.

The Mobile Barriers Trailer MBT-1

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3. Construction. The intent of this provision is to provide a highly mobile barrier for positive protection and separation between the work zone and passing traffic, for the benefit of workers and the

public alike. The mobile work zone barrier shall be used to protect workers and the public in areas as enumerated in Federal Regulation 23 CFR 630.1108 (Subpart K) and ANSI Standard A10.47.

4. Payment. N30 from date of delivery.