



**SPECIAL PROVISIONS
FOR
MOVABLE TEMPORARY TRAFFIC BARRIER**

Pottawattamie County

MBIN-080-4(512)3--0M-78

Effective Date

August 21, 2012

THE STANDARD SPECIFICATIONS, SERIES 2009, ARE AMENDED BY THE FOLLOWING MODIFICATIONS AND ADDITIONS. THESE ARE SPECIAL PROVISIONS AND THEY SHALL PREVAIL OVER THOSE PUBLISHED IN THE STANDARD SPECIFICATIONS.

090220.01 DESCRIPTION.

This work consists of furnishing, installing, maintaining, relocating, and removing Movable Temporary Traffic Barrier at locations shown on the plans or as directed by the Engineer.

090220.02 MATERIALS.

- A.** Movable Temporary Traffic Barrier shall meet the requirements of NCHRP Test Level 3 or AASHTO Manual for Assessing Safety Hardware (MASH). The barrier shall be capable of being moved on and off the roadway on a daily basis.
- B.** There are two manufacturers of Movable Temporary Traffic Barrier systems that have been approved by the Federal Highway Administration for use on the National Highway System.
 - Barrier Systems, Inc., Rio Vista, California.
 - Energy Absorption Systems, Inc., Rocklin, California.
- C.** Shop drawings shall be furnished by the manufacturer and shall indicate the deflection of the barrier as determined by acceptance testing, the configuration of the barrier in that test, and the vehicle weight, velocity, and angle of impact of the deflection test. Provide the Engineer one copy of the shop drawings.

090220.03 CONSTRUCTION.

- A. Assemble and install Movable Temporary Traffic Barrier according to the manufacturer's specifications.
- B. Protect the approach end of the barrier with an impact attenuator which is compatible with, and capable of being moved with, the movable traffic barrier system.
- C. When not in use, store the barrier longitudinally along the far edge of the shoulder or adjacent to the bridge barrier. Protect the approach end of the barrier with an impact attenuator.
- D. The barrier shall include nighttime delineation consisting of either barrier wall markers or corrugated retroreflective panels. The panels shall consist of one 6 inch by 36 inch panel per barrier unit and shall be yellow when on left lane line and white when on edge line.

090220.04 METHOD OF MEASUREMENT.

Movable Temporary Traffic Barrier will be measured for payment in feet, in place, along the centerline of the movable barrier. The length of Movable Temporary Traffic Barrier measured will be the length required per setup. Measurement will also be made for Movable Temporary Traffic Barrier added to an existing setup when required by the contract documents. Measurement of Movable Temporary Traffic Barrier, after its initial placement, will not be made unless it is required by the contract documents to be moved to another traffic control location.

090220.05 BASIS OF PAYMENT.

Movable Temporary Traffic Barrier will be paid for at the contract unit price per foot for Movable Temporary Traffic Barrier measured. Maintenance of Movable Temporary Traffic Barrier is incidental to Movable Temporary Traffic Barrier. Movement of the barrier will not be paid for separately, but shall be included in the contract unit price per foot for Movable Temporary Traffic Barrier.