



PORTABLE CONCRETE BARRIER CONNECTOR PIN WITH RETAINING BOLT



FMW03

SHEET NO.

DATE:

1 of 2

10/22/2008

SPECIFICATIONS

The Portable Concrete Barrier Connector Pin with Retaining Bolt shall be manufactured using AASHTO ASTM A36/A36M steel.

Dimensions tolerances not shown or implied are intended to be those consistent with the proper functioning of the part, including its appearance and accepted manufacturing practices.

After all holes are drilled or punched the component should be zinc-coated according to AASHTO M111 (ASTM A123) unless corrosion resistant steel is used.

INTENDED USE

The Portable Concrete Barrier Connector Pin with Retaining Bolt is to be used as a connection between SWC09 sections in Portable Concrete Barrier Systems. The Portable Concrete Barrier Connector Pin with Retaining Bolt must be used in the Portable Concrete Barrier System SWC10 and is optional for the SWC11 and SWC12 Systems.

ACCEPTANCE

FHWA Acceptance Letter B-41, October 10, 1997

FHWA Acceptance Letter B-112, March 13, 2003

REFERENCES

Bielenberg, B.W., Faller, R.K., Reid, J.D., Holloway, J.C., Rohde, J.R., and Sicking, D.L., *Development of a Tie-Down System for Temporary Concrete Barriers*, Final Report to the Midwest State's Regional Pooled Fund Program, Transportation Research Report No. TRP-03-115-02, Project No. SPR-3(017)-Year 9, Midwest Roadside Safety Facility, University of Nebraska-Lincoln, August 16, 2002.

Bielenberg, B.W., Faller, R.K., Reid, J.D., Rohde, J.R., and Sicking, D.L., *Design and Testing of Tie-Down Systems for Temporary Barriers*, Paper No. 03-3146, Transportation Research Record No. 1851, Transportation Research Board, Washington D.C., November, 2003.

Faller, R.K., Rohde, J.R., Rosson, B.T., Smith, R.P., and Addink, K.H., *Development of a TL-3 F-Shape Temporary Concrete Median Barrier*, Final Report to the Iowa Department of Transportation, Project SPR-3(017), Transportation Report No. TRP-03-64-96, Midwest Roadside Safety Facility, University of Nebraska-Lincoln, December 1996.

CONTACT INFORMATION

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