



PORTABLE CONCRETE BARRIER CONNECTOR PIN



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## SPECIFICATIONS

The Portable Concrete Barrier Connector Pin 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 is to be used as a connection between SWC09 sections in Portable Concrete Barrier Systems SWC11 and SWC12 only.

## ACCEPTANCE

FHWA Acceptance Letter B-41, October 10, 1997

FHWA Acceptance Letter B-122, October 2, 2003

## REFERENCES

Bielenberg, B.W., Faller, R.K., Rohde, J.R., Reid, J.R., Sicking, D.L., and Holloway, J.C., *Development of Tie-Down and Transition Systems for Temporary Concrete Barrier on Asphalt Road Surfaces*. Final Report to the Midwest State's Regional Pooled Fund Program, Transportation Research Report No. TRP-03-180-06, Project No. SPR-03(17), Midwest Roadside Safety Facility, University of Nebraska-Lincoln, February 23, 2007.

Bielenberg, B.W., Faller, R.K., Rohde, J.R., and Sicking, D.L., *Tie-Down and Transitions for Temporary Concrete Barriers*. Paper No. 06-1276, Transportation Research Record No. 1984, Transportation Research Board, National Research Council Washington, D.C., January 2006.

Polivka, K.A., Faller, R.K., Rohde, J.R., Holloway, J.C., Bielenberg, B.W., and Sicking, D.L., *Development and Evaluation of a Tie-Down System for the Redesigned F-Shape Concrete Temporary Barrier*, Final Report to the Midwest State's Regional Pooled Fund Program, Transportation Research Report No. TRP-03-134-03, Project No. SPR-3(017)- Year 13, Project Code: RPPF-03-06, Midwest Roadside Safety Facility, University of Nebraska-Lincoln, August 22, 2003.

Polivka, K.A., Faller, R.K., Sicking, D.L., Rohde, J.R., Bielenberg, B.W., and Reid, J.D., *Performance Evaluation of the Free-Standing Temporary Barrier - Update to NCHRP 350 Test No. 3-11 (2214TB-1)*. Draft Report to the National Cooperative Highway Research Program, Transportation Research Report Number TRP-03-173-06, Midwest Roadside Safety Facility, University of Nebraska-Lincoln, October 11, 2006.

Polivka, K.A., Faller, R.K., Sicking, D.L., Rohde, J.R., Bielenberg, B.W., and Reid, J.D., *Performance Evaluation of the Free-Standing Temporary Barrier - Update to NCHRP 350 Test No. 3-11 with 28" C.G. Height (2214TB-2)*. Draft Report to the National Cooperative Highway Research Program, Transportation Research Report Number TRP-03-174-06, Midwest Roadside Safety Facility, University of Nebraska-Lincoln, October 12, 2006.

## CONTACT INFORMATION

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