

TIE-DOWN STRAP SYSTEM FOR F-SHAPE CONCRETE BARRIER



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INTENDED USE

Tie-Down Strap System for Temporary F-Shape Concrete Barriers (_____) are to be used as a work-zone barrier to protect traffic and workers. Tie-Down Strap System for Temporary F-Shape Concrete Barriers should be used in locations where a dynamic deflection of 33 1/2" [850] or less is acceptable and where a working width of 57 1/2" [1460] is provided. The Tie-Down Strap System for Temporary F-Shape Concrete Barriers may be used with a minimum gap of 6" [150] between the backside of the barrier and the edge of the bridge deck. The Tie-Down system was designed for use in concrete and should not be placed in asphalt. The Tie-Down Strap is only intended for use with the tested F-Shape Temporary Concrete Barrier (_____).

COMPONENTS

Unit Length = 154" [3912]

XXX Temporary Barrier 1	
FWM03 Temporary Barrier Connector Pin 1	
FBX12a Hex Head Bolt & Nut 1	
Red Head Drop-in Anchors 2	

APPROVAL

FHWA Approval Letter B-112, March 14 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, National Research Council, Washington, D.C., January 2003.

CONTACT INFORMATION

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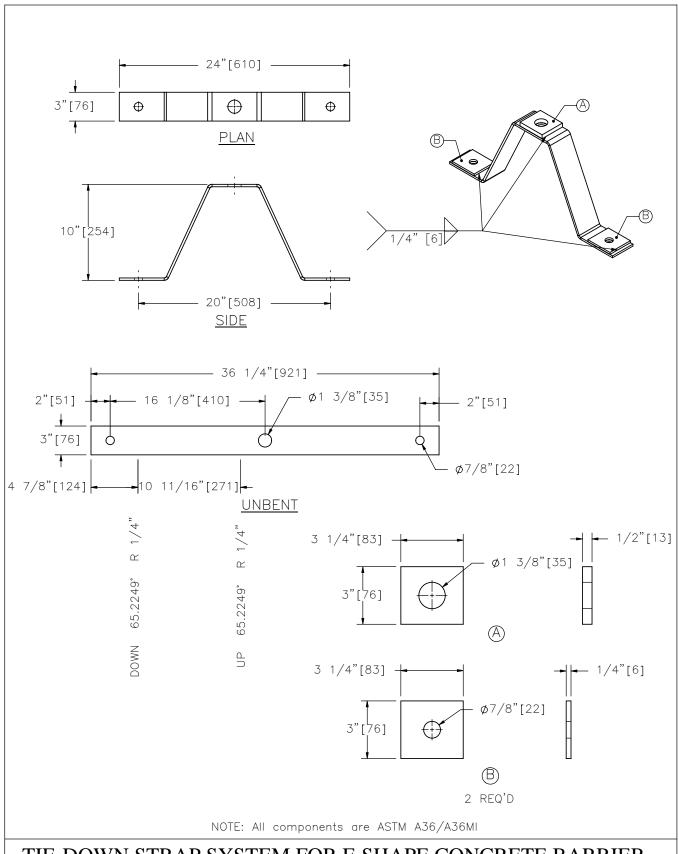


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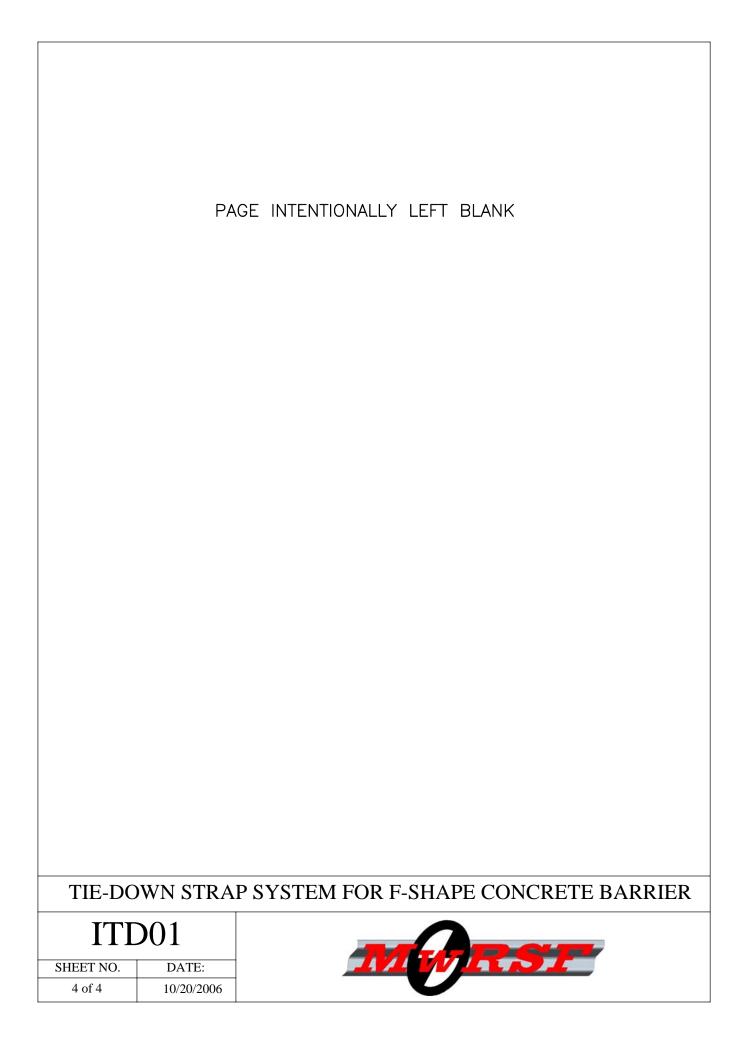
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