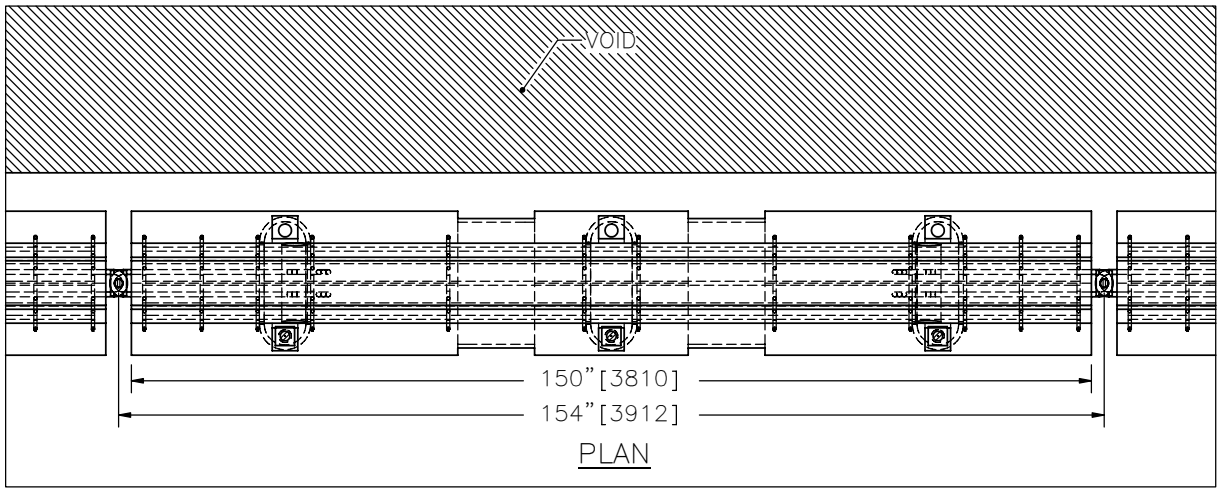

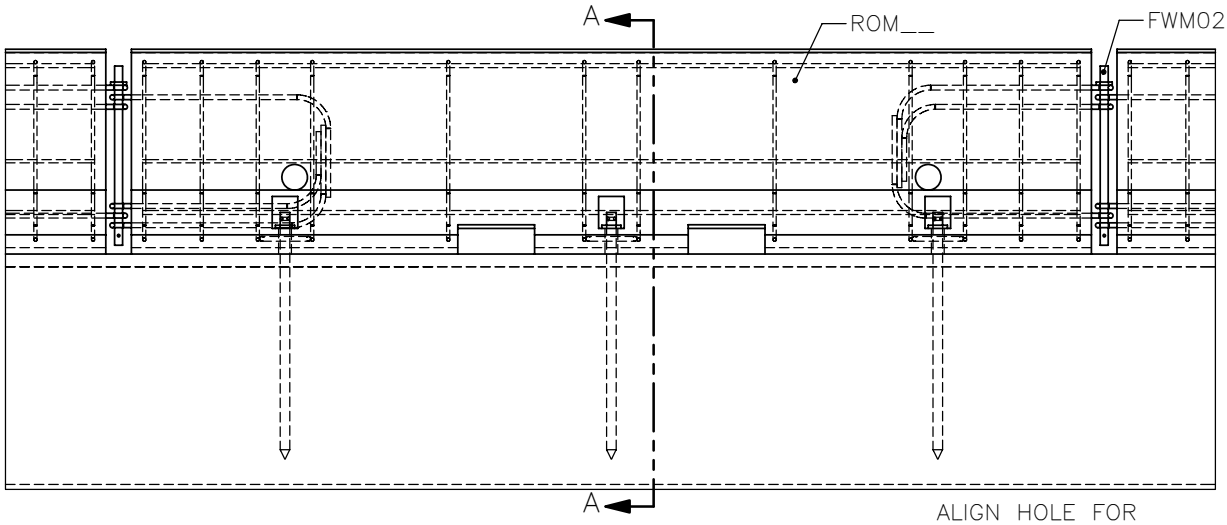

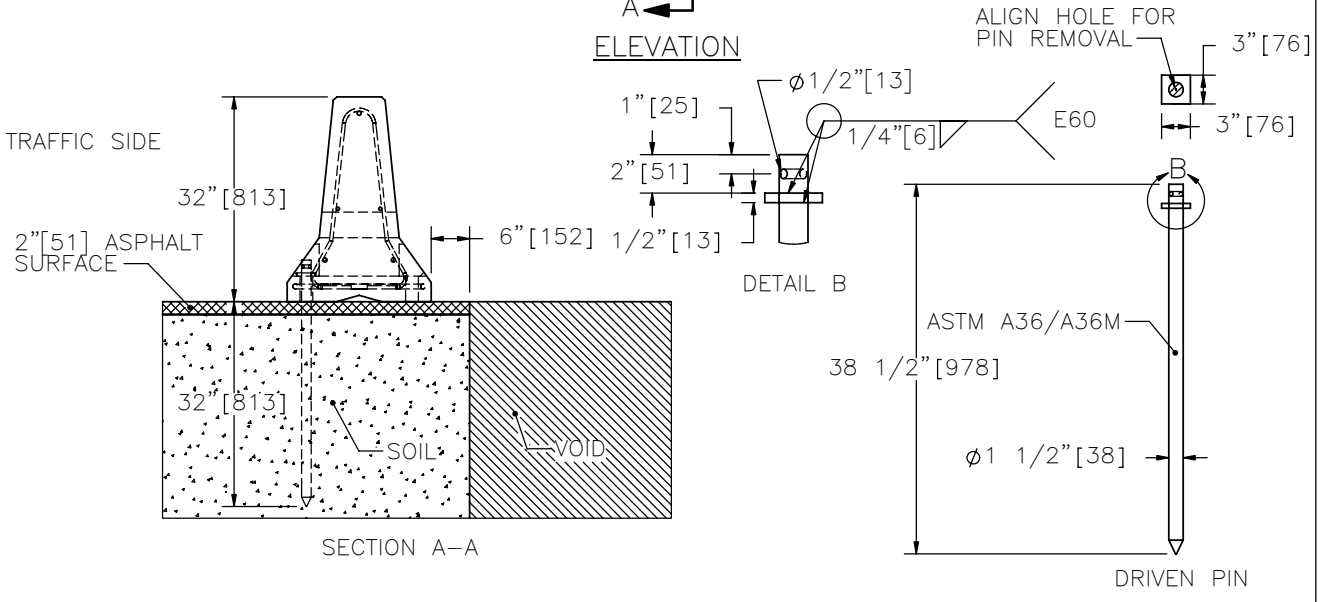

DRIVEN PINS THROUGH ASPHALT FOR F-SHAPE CONCRETE BARRIERS

MwRSF

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INTENDED USE

Driven Pins through Asphalt for Temporary F–Shape Concrete Barrier is used as a work–zone barrier to separate traffic and workers. Driven Pins through Asphalt for Temporary F–Shape Concrete should be used in locations where a dynamic deflection of 21 3/4" [554] or less is acceptable and where a working width of 44 1/4"[1125] is provided. The system should be installed with a minimum distance of 6" [152] between the backside toe of the barriers and the edge of the asphalt roadway. The tie–down barriers should be installed on an asphalt roadway with a minimum of 2" [51] of asphalt cover. Connector pins acceptable for use with the Driven Pins through Asphalt for Temporary F–Shape Concrete Barrier are the Temporary Barrier Connector Pins (FWM02 and FWM03). The system is designed for use with the Kansas F–Shape temporary concrete barrier system (SWC09), and therefore they should not be used with other temporary barrier systems or joint connections. Driven Pins through Asphalt for Temporary F–Shape Concrete Barrier has passed the criteria for TL–3 NCHRP 350 acceptance.

COMPONENTS

Unit Length = 154" [3912]

DESIGNATOR	COMPONENT	SYSTEM	NUMBER
FMW02	Temporary Barrier Connector Pin		1
FMW03	Temporary Barrier Connector Pin		1
SWC09	Temporary Barrier		1
_____	Driven pin		3

ACCEPTANCE

FHWA Acceptance is being pursued.

REFERENCES

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. 1851, Transportation Research Board, National Research Council Washington, D.C., January 2006.

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. SPR03(17), Midwest Roadside Safety Facility, University of Nebraska–Lincoln, 2/3/2007.

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DRIVEN PINS THROUGH ASPHALT FOR F-SHAPE CONCRETE BARRIERS

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