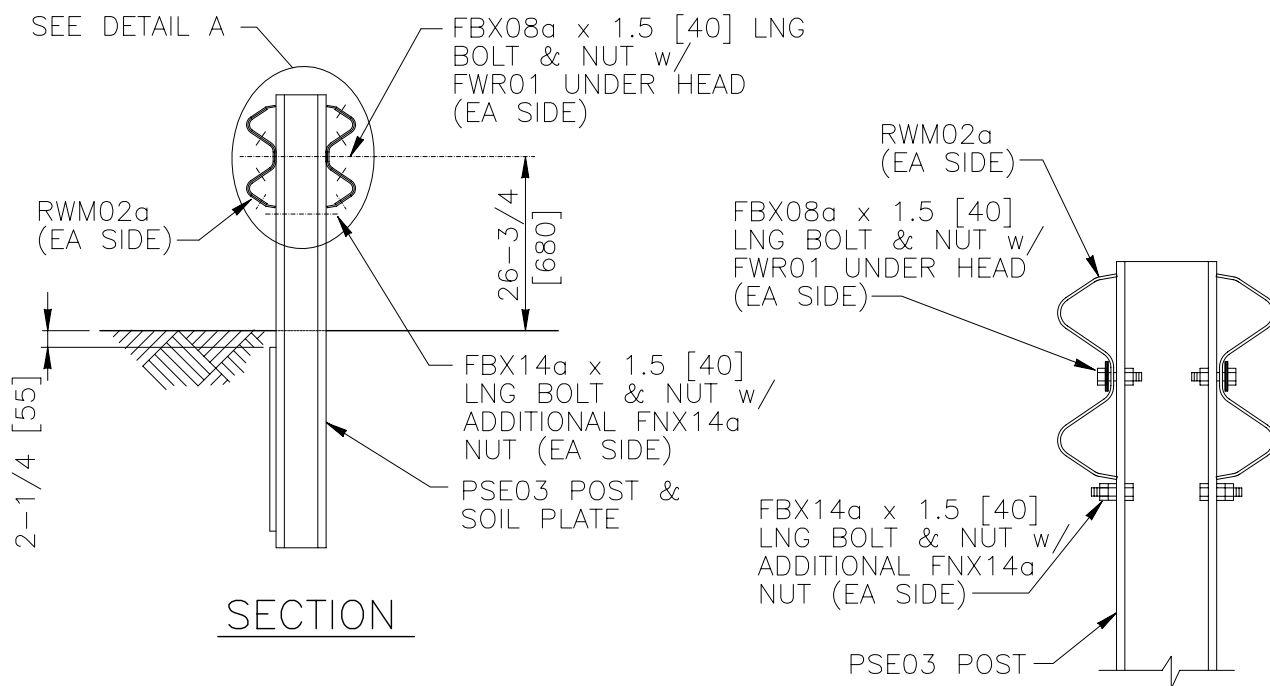


ELEVATION



SECTION

DETAIL A: RAIL-POST ATTACHMENT

1994

WEAK-POST W-BEAM MEDIAN BARRIER

SGM02

SHEET NO.

DATE:

1 of 2

8/03/2005

INTENDED USE

Weak-post W-beam median barriers are commonly used where dynamic deflections of at least 83 inches [2100 mm] are acceptable. This system must be anchored with a suitable terminal system like SEW01. SGM-02 is a Test Level 2 barrier.

COMPONENTS

Unit length = 150 inches [3810 mm]

Designator	Component	Number
FBB01	Splice bolts and nuts	16
FBX08a	Rail-post bolt (1.5 [40]) and nut	2
FBX14a	Rail support bolt (1.5 [40]) and nut	2
FWR01	Guardrail washer	2
PSE03	Post and soil plate	1
RWM02a	W-beam rail	2

APPROVALS

FHWA Acceptance Letter [B-64](#).

REFERENCES

J.D. Michie and M.E. Bronstad, *Location, Selection, and Maintenance of Highway Traffic Barriers*, National Cooperative Highway Research Program Report Number 118, Highway Research Board, 1971.

CONTACT INFORMATION

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Office of Safety
400 Seventh Street, SW
Washington, DC 20590
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WEAK-POST W-BEAM MEDIAN BARRIER

SGM02

SHEET NO.

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7/13/05