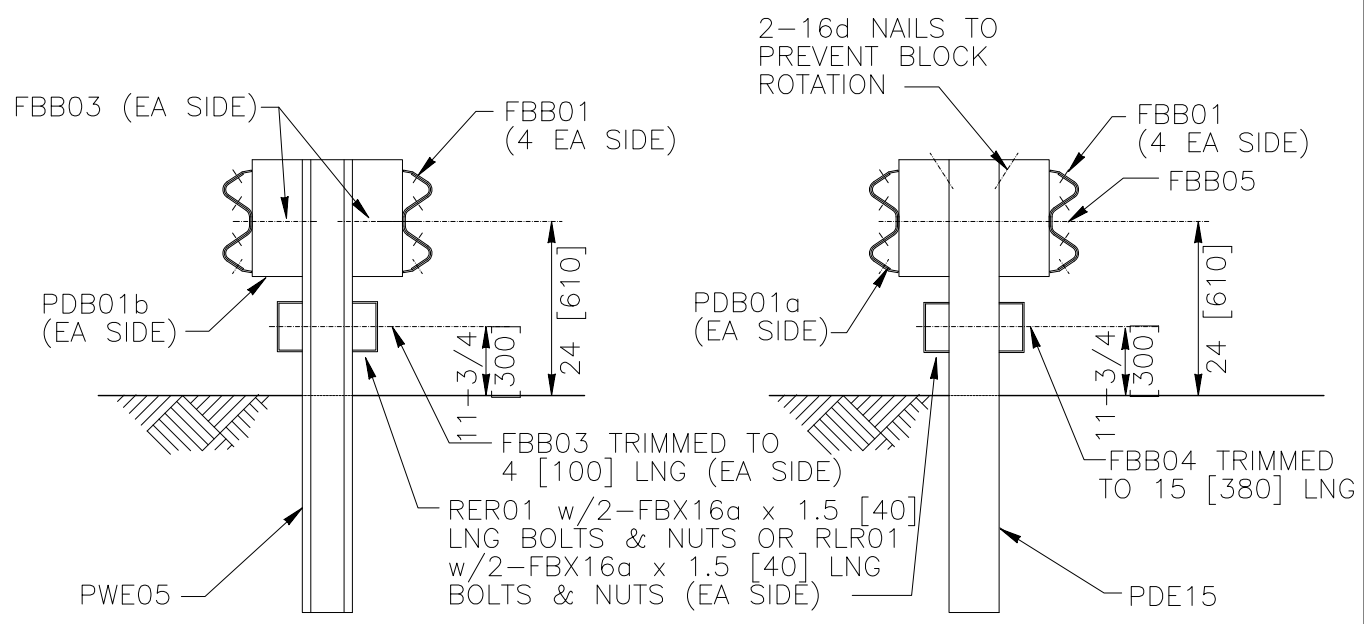


ELEVATION



SGM06a

SGM06b

1994

STRONG-POST MEDIAN BARRIER WITH RUB RAIL



SGM06a-b

SHEET NO.	DATE:
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INTENDED USE

Strong-post W-beam median barriers should be used in locations where a maximum dynamic deflection of 24 inches [600 mm] or less is acceptable. W-beam barriers should be anchored and terminated using a suitable end treatment. Both SGM-06a (steel posts) and SGM-06b (timber posts) with wood or approved plastic blockouts are Test Level 3 barriers.

COMPONENTS

Unit length = 150 inches [3810 mm]

Designator	Component	System	Number
FBB01	Splice bolt and nut	a-b	16
FBB03	Guardrail-post bolt and nut	a	4
FBB03	Bolt trimmed to 4 in [100 mm]	a	4
FBB04	Bolt trimmed to 15 in [380 mm]	b	2
FBB05	Guardrail-post bolt and nut	b	2
FBX16a	Rub rail splice bolts (1.5 in [40 mm]) and nuts	a-b	8
PDB01a	Timber post blockout	b	4
PDB01b	Timber post blockout	a	4
PDE15	Timber post	b	2
PWE05	Steel post	a	2
RER01	Bent-plate rub rail	a-b	2
or RLR01	Channel rub rail	a-b	2
RWM02a	W-beam rail	a-b	2

APPROVALS

FHWA Acceptance Letter B-64.

REFERENCES

M.E. Bronstad, J.D. Michie, and J.D. Mayer, Jr., *Performance of Longitudinal Traffic Barriers*, National Cooperative Highway Research Program Report 289, Transportation Research Board, 1987.

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

R.N. Field and R.H. Prysok, *Dynamic Full-Scale Impact Tests of Double-Block-out Metal Beam Carriers and Metal Beam Guard Railing*, California Division of Highway, 1965.

CONTACT INFORMATION

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STRONG-POST MEDIAN BARRIER WITH RUB RAIL

SGM06a-b

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