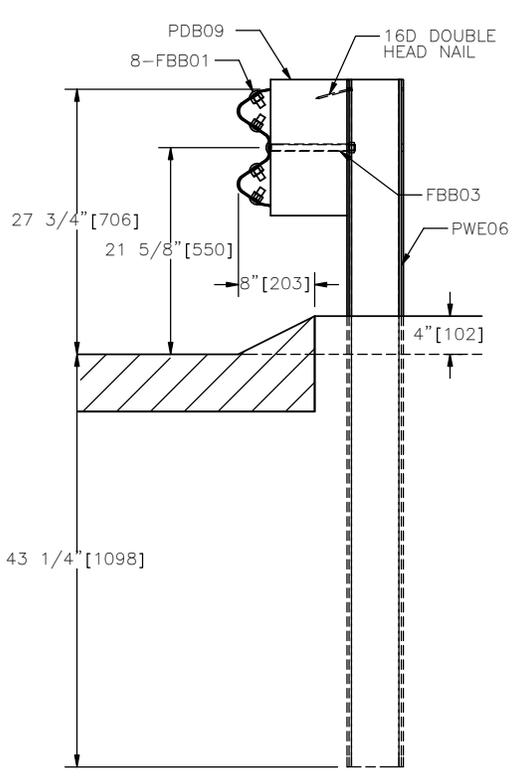
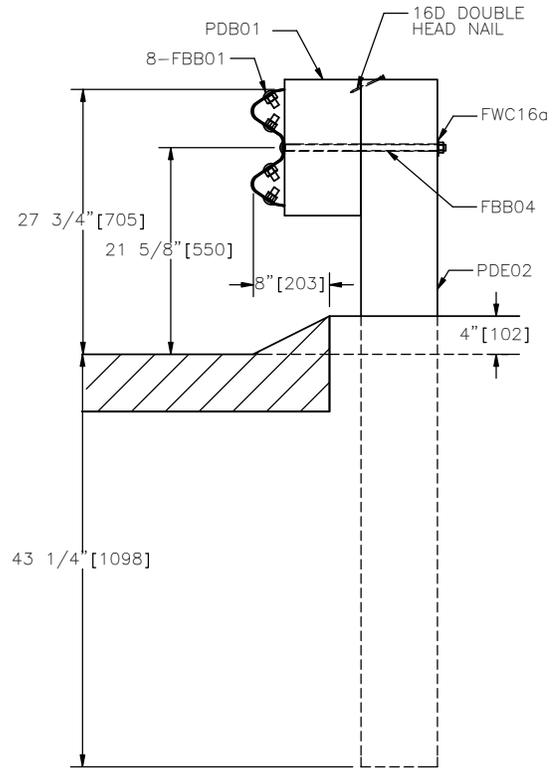


ELEVATION



SGR26a
Section A-A



SGR26b

NESTED, STRONG-POST, W-BEAM GUARDRAIL WITH 4"[102] CURB



SGR26a-b

SHEET NO.

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INTENDED USE

Nested, W-Beam Guardrail with 4" [102] wedge shaped, AASHTO Type G curb (SGR26) should be used in locations where a maximum dynamic deflection of 42 1/4" [1072] or less is acceptable. Nested, W-Beam Guardrail with 4" [102] wedge shaped curb should be anchored and terminated using a suitable guardrail end treatment. Nested, W-Beam Guardrail with 4" [102] wedge shaped curb can be used with wide-flange steel posts (PWE06) or timber posts (PDE02). Guardrail sections measuring 300" [7620] long can be used in lieu of the 150" [3860] long sections. This system is NCHRP 350 acceptable.

COMPONENTS

Unit Length = 150" [3810]

| DESIGNATOR | COMPONENT | SYSTEM | NUMBER |
|------------|---------------------------------|--------|--------|
| FBB01 | Guardrail splice bolts and nuts | a-b | 8 |
| FBB03 | Guardrail post bolts and nuts | a | 2 |
| FBB04 | Guardrail post bolts and nuts | b | 2 |
| FWC16a | Round washer | b | 2 |
| PDB01 | W-beam timber blockout | a | 2 |
| PDB09 | W-beam timber blockout | b | 2 |
| PDE02 | Timber guardrail post | b | 2 |
| PWE06 | Wide-flange guardrail post | a | 2 |
| RWM02a | W-beam Rail | a-b | 2 |
| ---- | 16D nail, galvanized | a-b | 2 |

ACCEPTANCE

FHWA acceptance not pursued.

REFERENCES

Polivka, K.A., Faller, R.K., Sicking, D.L., Rohde, J.R., Reid, J.D., and Holloway, J.C., Guardrail and Guardrail Terminals Installed Over Curbs - Phase II, Final Report to the Midwest State's Regional Pooled Fund Program, Transportation Research Report No. TRP-03-105-00, Project No. SPR-3(017)-Year 10, Midwest Roadside Safety Facility, University of Nebraska-Lincoln, November 5, 2001.

CONTACT INFORMATION

Midwest Roadside Safety Facility
 Nebraska Transportation Center
 University of Nebraska-Lincoln
 2200 Vine Street
 130 Whittier Research Center
 Lincoln, NE 68583-0965
 (402) 472-0965
 Email: mwrsf@unl.edu
 Website: http://mwrsf.unl.edu/



NESTED, STRONG-POST, W-BEAM GUARDRAIL WITH 4"[102] CURB

SGR26a-b



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