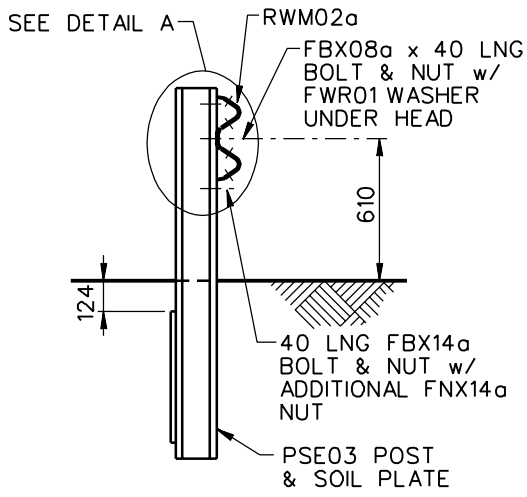
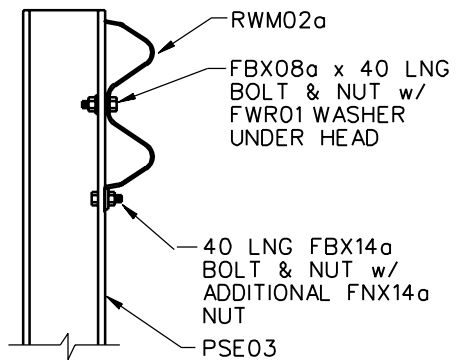


ELEVATION



SECTION



DETAIL A: RAIL-POST ATTACHMENT

1994

WEAK-POST W-BEAM GUARDRAIL

SGR02

SHEET NO.	REF. NO.
1 of 2	G2

INTENDED USE

Weak-post W-beam guardrails are commonly used where deflections of at least 2200 mm are acceptable. This system must be anchored with a suitable terminal system like the SEW01a.

COMPONENTS

Unit Length = 3810

Designator	Component	Number
FBB01	Splice bolts	8
FBX08a	Rail-post bolt (40 mm) and nut	1
FBX14a	Rail support bolt (40 mm) and nut	1
FNX14a	Rail support nut	1
FWR01	Guardrail washer	1
PSE03	Post	1
RWM02a	W-beam rail	1

REFERENCES

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

J.D. Michie, L.R. Calcote, and M.E. Bronstad, *Guardrail Performance and Design*, National Cooperative Highway Research Program Report (NCHRP) 115, Highway Research Board, Washington, D.C., 1971.

WEAK POST W-BEAM GUARDRAIL

SGR02

SHEET NO.

2 of 2

DATE

03-23-00

