NOTES

1. For use on the end of guardrail runs when a crashworthy terminal is not required.

2. For additional details not shown, see Sheet 2 of this Plan.

3. For end section details, see Standard Plane C-7 and C-7a.

4. Use details for Wood Breakaway post shown on this plan and components shown on Standard Plan C-1b.

5. Fasten the Anchor Cable using two 1" (in) nuts and washer, at both ends of cable. Outside nut shall be torqued against inside nut a minimum of 100 ft-lbs.

6. Wood blocks shown. Blocks of alternate material may be used. See Standard Specification, Section S-16.3(2).

7. Posts shall match those of the connecting run: timber or steel.

8. Anchor plate may be constructed from 1/4" (in) plates welded to equal strength and dimensions as shown.

9. Eight 5/8" (in) x 1 1/2" (in) machine bolts with hex nut and washer. Place washer on face side of rail.

BEAM GUARDRAIL TYPE 31 – PAY LIMIT

BEAM GUARDRAIL ANCHOR TYPE 10 – PAY LIMIT

ANCHOR RAIL WASHER – ON TRAFFIC SIDE

SEE NOTE 2

END SECTION DESIGN C

SEE NOTE 3

WOOD BREAKAWAY POST

BEARING PLATE

SEE NOTE 2

GROUND LINE

(SEE NOTE 5)

ANCHOR POST ASSEMBLY

(SEE NOTE 4)

ANCHOR CABLE

STANDARD 2" (in) I.D.
PIPE SLEEVE – 2 3/8" (in) O.D.

(SEE NOTE 7)

ELEVATION VIEW

W-BEAM

BEAM GUARDRAIL TYPE 10 OR 11 – PAY LIMIT

BEAM GUARDRAIL ANCHOR TYPE 10 – PAY LIMIT

ANCHOR RAIL WASHER – ON TRAFFIC SIDE

SEE NOTE 2

END SECTION DESIGN C

SEE NOTE 3

WOOD BREAKAWAY POST

BEARING PLATE

SEE NOTE 2

GROUND LINE

(SEE NOTE 5)

ANCHOR POST ASSEMBLY

(SEE NOTE 4)

ANCHOR CABLE

STANDARD 2" (in) I.D.
PIPE SLEEVE – 2 3/8" (in) O.D.

(SEE NOTE 7)

ELEVATION VIEW

THRIE BEAM

WOOD BREAKAWAY POST DETAIL

BEAM GUARDRAIL (TYPE 31)
ANCHOR TYPE 10

STANDARD PLAN C-23.60-04

SHEET 1 OF 2 SHEETS

APPROVED FOR PUBLICATION

Washington State Department of Transportation

[Stamp and Signature]