NOTES

1. Beam Guardrail post spacing shall be 6'-3" on centers.

2. Use a single or combination of blockouts to achieve the actual 12" (in) offset. See Standard Specification, Section 9-16.3(2). Wood block-outs shall be toe-nailed to post (and blocks, if block combinations are used) with 16d galvanized nails to prevent block rotation.

3. Attach blockouts to steel posts using bolt holes on approaching traffic side of post web.

4. For details not shown, see Standard Plan C-20.10.

5. Wood blockouts shown. Blocks of alternate material may be used. See Standard Specification, Section 9-16.3(2).

6 × 14 BLOCKOUT (TYP.) (SEE NOTE 2)

6 × 12 BLOCKOUT (TYP.) (SEE NOTE 2)

5/8" (IN) DIAM. × 1 1/4" (IN) BUTTON HEAD BOLT WITH 7/32" (IN) OVAL GRIP AND RECESSED HEX NUTS - 8 REQUIRED PER SPLICE

16d ANTI-ROTATION NAIL (TYP.) (SEE NOTE 2)

MID-SPAN SPLICE

PLAN

DIRECTION OF TRAVEL

ELEVATION

SECTION

ISOMETRIC

BEAM GUARDRAIL TYPE 31
DS (DOUBLE SIDED)
(W-BEAM)

STANDARD PLAN C-20.45-02

ISOTYPICAL

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Approved for Publication

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