STIFFENED W-BEAM GUARDRAIL
SEE NOTE 2

25:1 FLARED W-BEAM GUARDRAIL
SEE NOTE 2

END TREATMENT

SECTION A-A

STIFFENED W-BEAM GUARDRAIL
SEE NOTE 1

SECTION B-B

SINGLE RAIL ELEMENT

SECTION C-C

SECTION D-D

STIFFENED W-BEAM GUARDRAIL
SEE NOTE 2

FLARED W-BEAM GUARDRAIL

GRADUALLY RAISE RAIL FROM SET HEIGHT AT TRAVELWAY EXTENDED TO REQUIRED HEIGHT AT GROUND LINE

NOTE 6
SEE NOTES 6 & 7

STIFFENING METHODS

NESTED W-BEAM

BACK SIDE RAIL ATTACHMENT

W-BEAM GUARDRAIL & END TREATMENT INSTALLATION WITH CURB & GUTTER 5 INCH OR GREATER

NOTES:

1. USE STIFFENED W-BEAM GUARDRAIL WHEN DESIGN SPEED IS 50 MPH OR GREATER.

2. DRIVE GUARDRAIL POST TO THE DEPTH REQUIRED TO ATTACH BLOCK AND RAIL AT 30 INCHES USING THE TOP HOLE OF THE POST FOR COMPLETE GUARDRAIL RUN.

3. SET RAIL HEIGHT AT FACE OF CURB FROM TRAVELWAY SURFACE EXTENDED, WHEN RAIL IS AT FACE OF CURB.

4. GRADUALLY RAISE RAIL ELEMENT OVER THE LENGTH OF FLARED BEAM TO ATTACH END TREATMENT AT REQUIRED HEIGHT.

5. ADDITIONAL STIFFENING OF W-BEAM GUARDRAIL TRANSITION, SEE NOTES 6 & 7, NOT REQUIRED WHEN INSTALLED WITH CURB AND CURB AND GUTTER.

6. CONSTRUCT PAD ACCORDING TO APPLICABLE CC STD DWG.

7. OFFSET END TREATMENT ACCORDING TO APPLICABLE CC STD DWG.
   A. TYPE "G": PLACE ALONG 25:1 FLARE LINE.
   B. TYPE "H": PLACE WITH 4 FOOT OFFSET FROM 25:1 FLARE LINE.

TYPE B1 CURB AND GUTTER SHOWN AS EXAMPLE
APPLIES TO ALL CURBS AND/OR CURB AND GUTTER TYPES

SEE NOTE 1