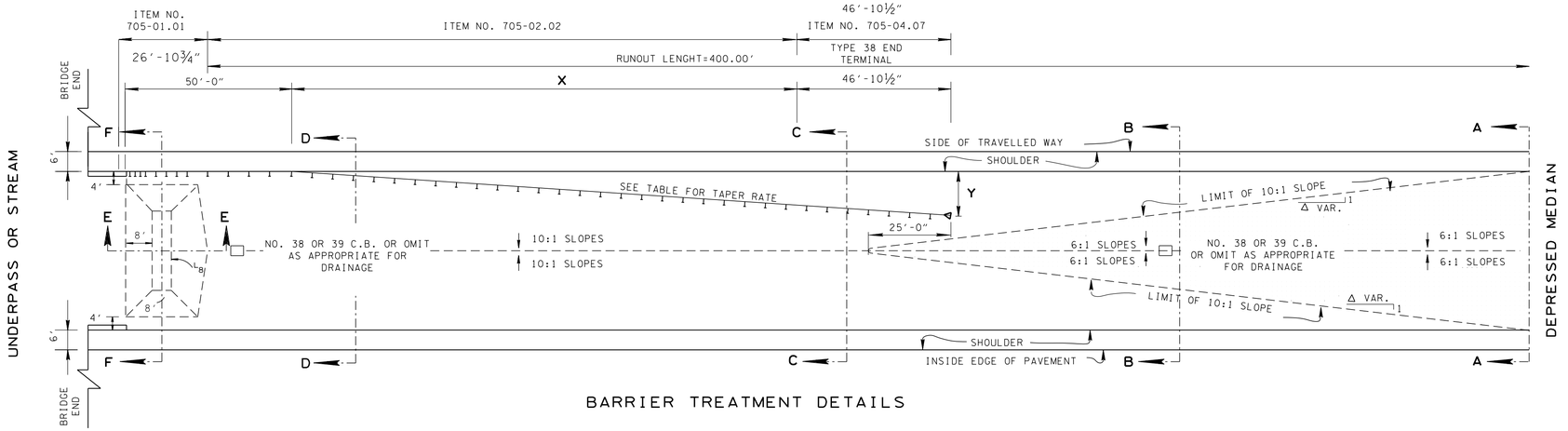
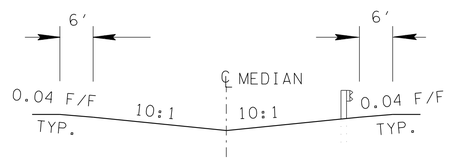
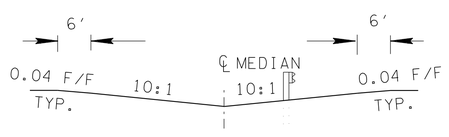
- REV. 4-11-14: CORRECTED CUT SECTION LABELS.
- REV. 10-10-16: UPDATED LENGTH OF TYPE 38 TERMINAL.



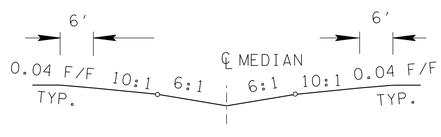
BARRIER TREATMENT DETAILS



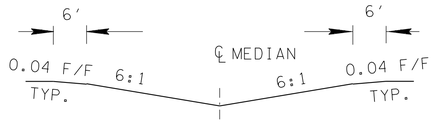
SECTION D-D



SECTION C-C



SECTION B-B

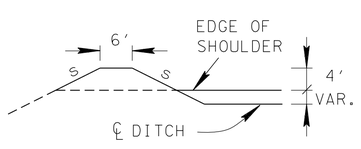


SECTION A-A

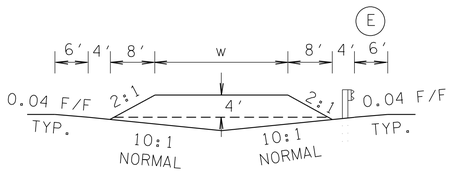
DESIGN SPEED MPH	DIMENSIONS			ESTIMATED QUANTITIES (D)		
	TAPER RATE	X	Y	705-01.01	705-02.02	705-04.07
70	15:1	200'-0"	16'-8"	26'-10¾"	200'-0"	1 EACH
60	14:1	137'-6"	13'-5"	26'-10¾"	137'-6"	1 EACH
≤55	12:1	100'-0"	12'-6"	26'-10¾"	100'-0"	1 EACH

GUARDRAIL DIMENSIONS AND QUANTITIES

EARTHEN BERM DETAILS



SECTION E-E



SECTION F-F

MEDIAN WIDTH	W	ITEM NO 203-01 CY	FILL SLOPE S
36'	4	23	1.5:1
40'	8	33	1.5:1
48'	12	49	2:1
60'	24	83	2:1
64'	28	96	2:1

EARTHEN BERM DIMENSIONS AND QUANTITIES

GENERAL NOTES

(A) THE CONTRACTOR IS TO ELIMINATE THE 1 FOOT FLARE SHOWN ON GUARDRAIL STANDARD DRAWINGS FOR TANGENTIAL GUARDRAIL TERMINAL ANCHORS (FLARED INSTALLATIONS ONLY).

(B) ONLY ONE APPROACH SHOWN; OTHER APPROACH IDENTICAL.

(C) THE DIMENSIONS SHOWN IN THIS TABLE ARE TO BE USED IN ALL TANGENT OR NEARLY TANGENT SITUATIONS WITH DESIGN SPEEDS 70 MPH OR BELOW. WHEN THE DESIGN SPEED EXCEEDS 70 MPH OR OTHER GEOMETRIC FEATURES SUCH AS CURVATURE, SKEWED BRIDGES, OR ADDITIONAL HAZARDS ARE PRESENT, THE DESIGNER SHALL USE STANDARD DRAWING S-PL-1.

(D) QUANTITIES SHOWN ARE FOR ONE APPROACH.

(E) BASED ON 6' SHOULDER; FOR OTHER SHOULDER WIDTHS ADJUST WIDTH OF BERM AS NECESSARY. PLACEMENT OF GUARDRAIL IS NOT AFFECTED.

☐ MINOR REVISION -- FHWA APPROVAL NOT REQUIRED.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SAFETY PLAN FOR BRIDGE ENDS IN MEDIANS

7-11-13 | S-PL-5

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