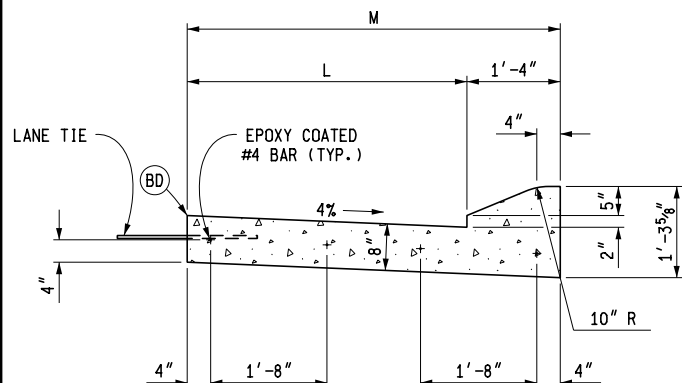
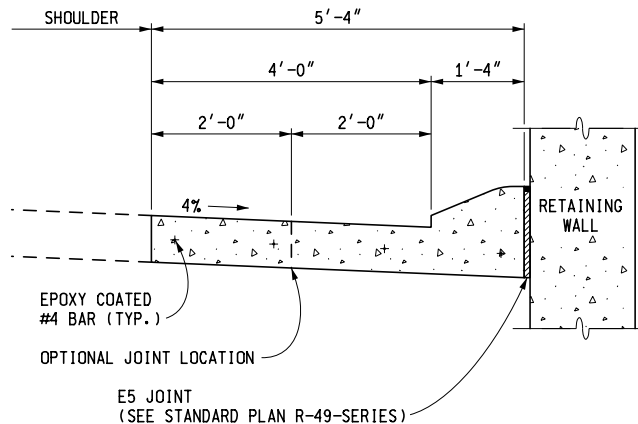


NOTE: LANE TIE AND JOINT TO BE USED WHEN
ADJACENT TO CONCRETE SHOULDER



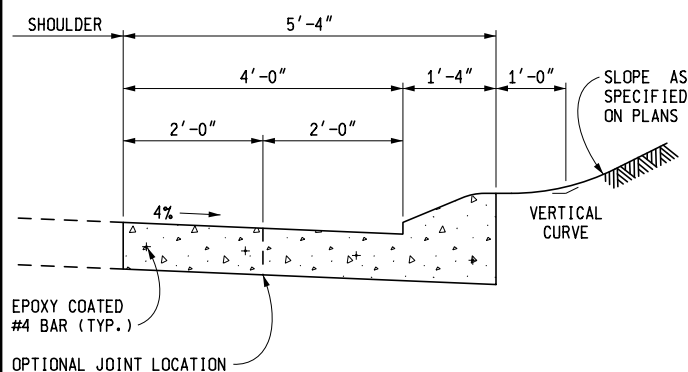
DETAIL	DIMENSION		LANE TIES	CONCRETE CYD / LFT
	L	M		
G1	2'-0"	3'-4"	AS SHOWN	0.1019
G2	4'-0"	5'-4"	AS SHOWN	0.1515

G

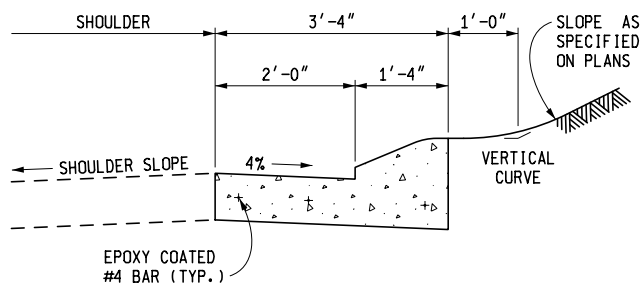


E5 JOINT
(SEE STANDARD PLAN R-49-SERIES)

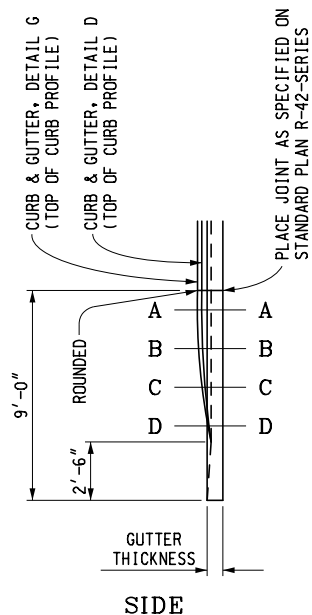
DETAIL G1 OR G2
ABUTTING RETAINING WALL



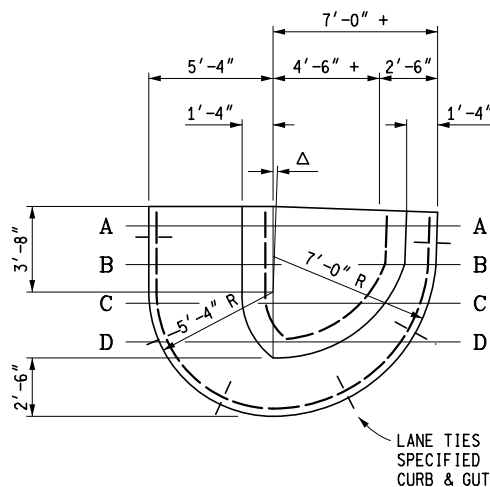
DETAIL G1 OR G2
IN CUT SECTION



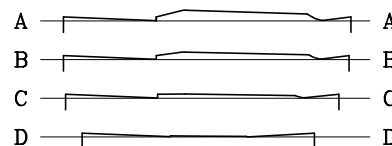
DETAIL G1
IN SUPERELEVATION OR TRANSITION



CURB & GUTTER, DETAIL G
CURB & GUTTER, DETAIL D
SEE STANDARD PLAN R-30-SERIES



Δ = DEFLECTION ANGLE FOR RAMP



PLAN
CURB NOSE DETAIL

SECTIONS THROUGH NOSE

MICHIGAN DEPARTMENT OF TRANSPORTATION
BUREAU OF DEVELOPMENT STANDARD PLAN FOR

CONCRETE VALLEY GUTTER AND URBAN FREEWAY CURB

F.H.W.A. APPROVAL

8-14-2019
PLAN DATE

R-33-G

SHEET
2 OF 2