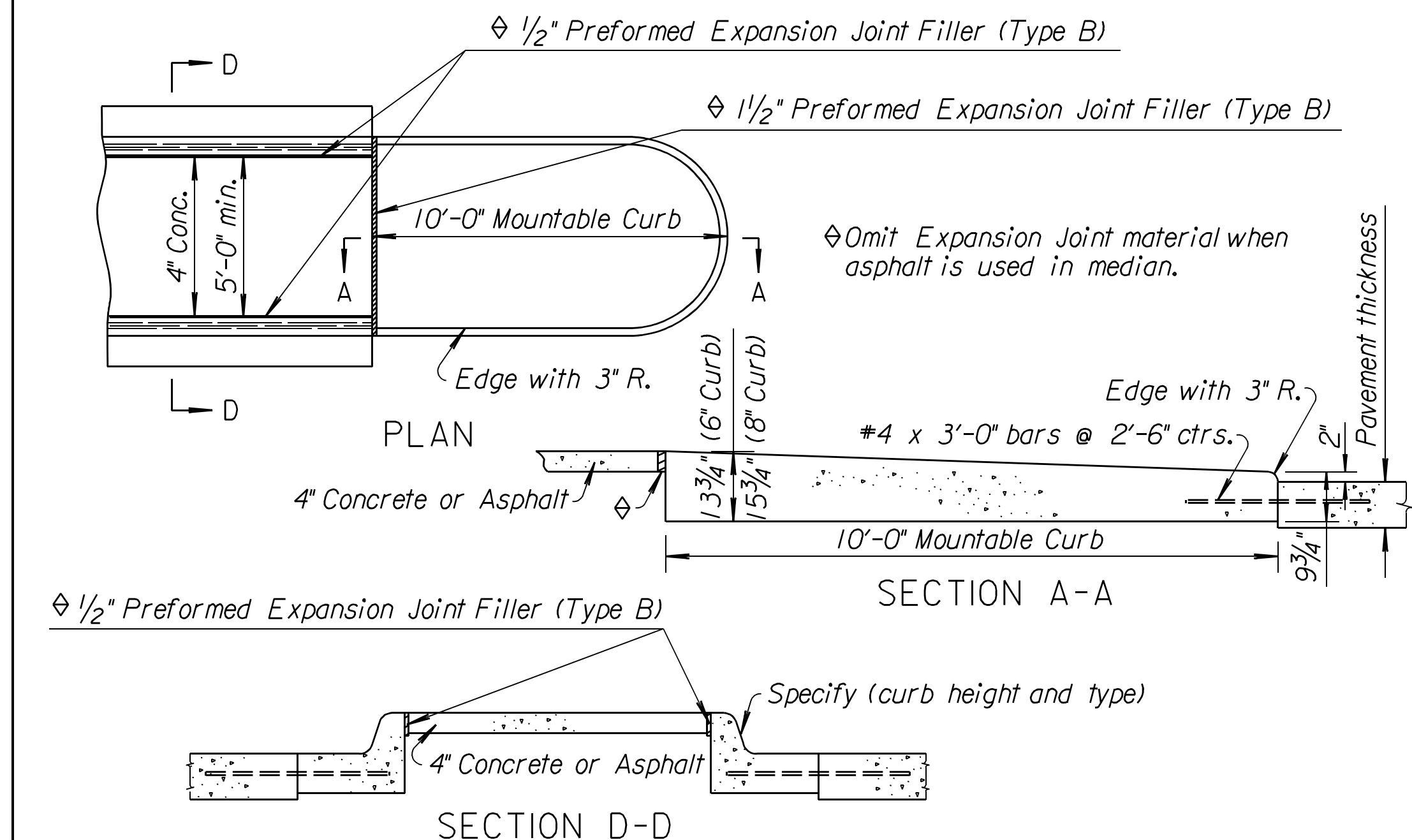


STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0243-01	2005	26	169

GENERAL NOTE

Ψ If constructed monolithically, the longitudinal joint is not required.



Note: Expansion joints shall be placed in concrete median as follows. In long runs expansion joints shall be 1/2" Preformed Expansion Joint Filler (Type B) installed flush with the surface. Expansion joints in the median shall match expansion joints in the curb and gutter with a maximum spacing of 125'. Plane of weakness in the median shall match plane of weakness in curb and gutter.

TYPICAL NOSE DETAILS FOR RAISED MEDIANS

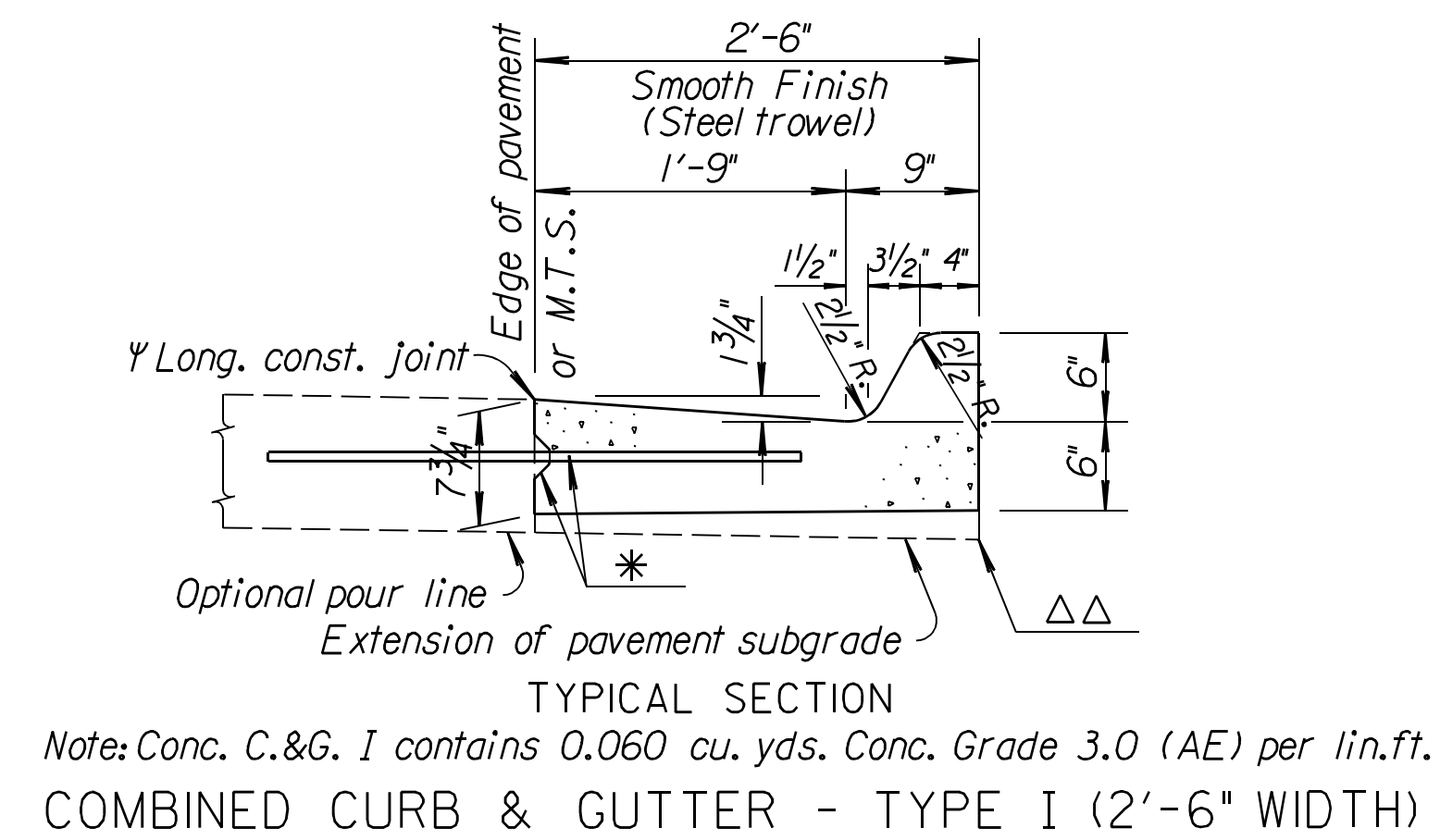
Note: Additional Concrete Grade 3.0 (AE) needed to complete median nose shall be subsidiary to the bid item "Combined Curb & Gutter".

NO.	DATE	REVISIONS	BY	APP'D
17	7-2-09	Rev. nose details, jt. sealant & retro.	S.W.K.	J.O.B.
16	1-10-07	Changed bituminous to asphalt	S.W.K.	J.O.B.
15	3-30-05	Chg. Class to Grade conc., reinf.	S.W.K.	J.O.B.
14	12-08-04	Chg. bit. plane of weakness to 10'-0"	S.W.K.	J.O.B.

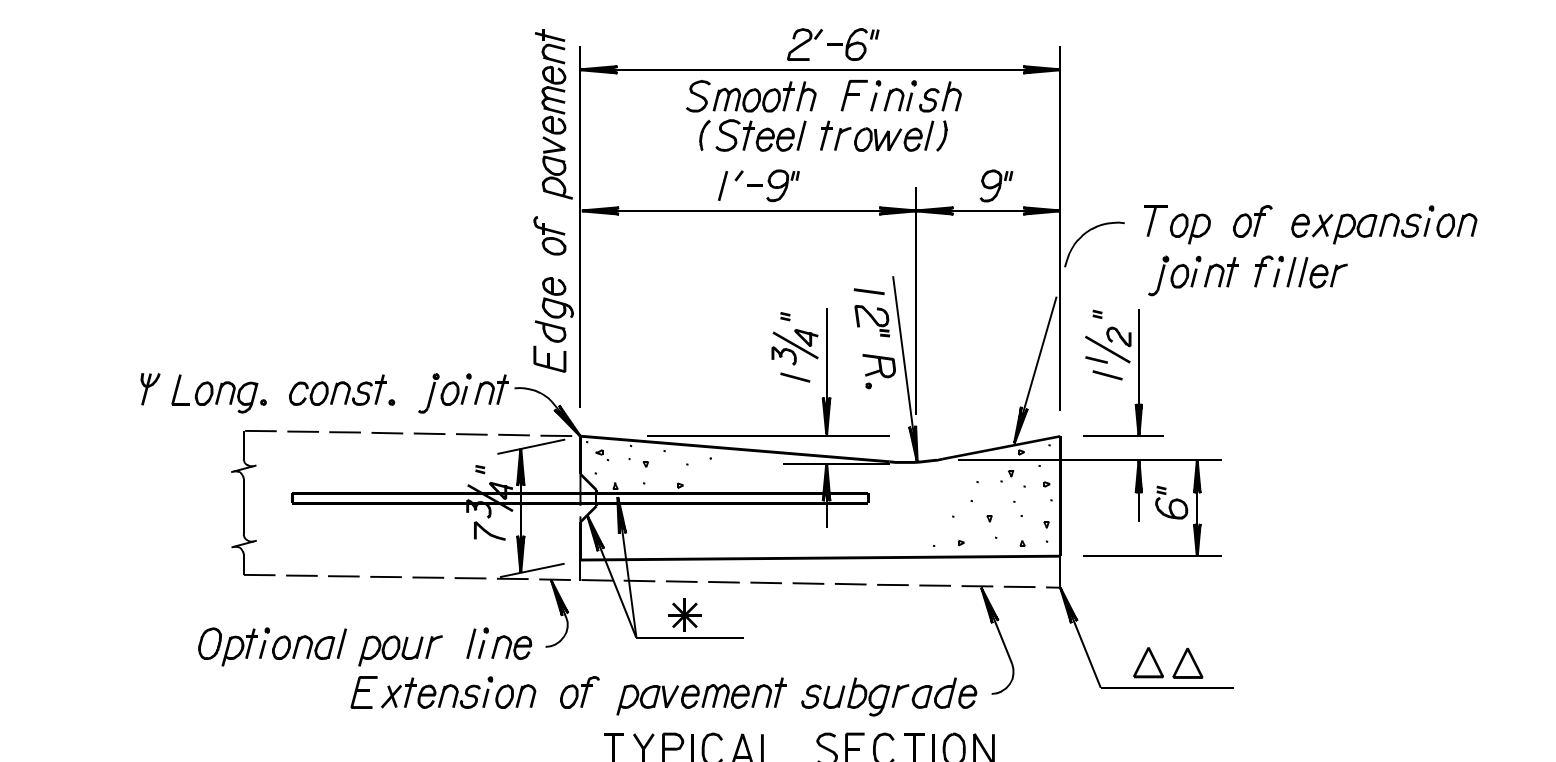
KANSAS DEPARTMENT OF TRANSPORTATION

CURB, GUTTER AND COMBINED CURB & GUTTER

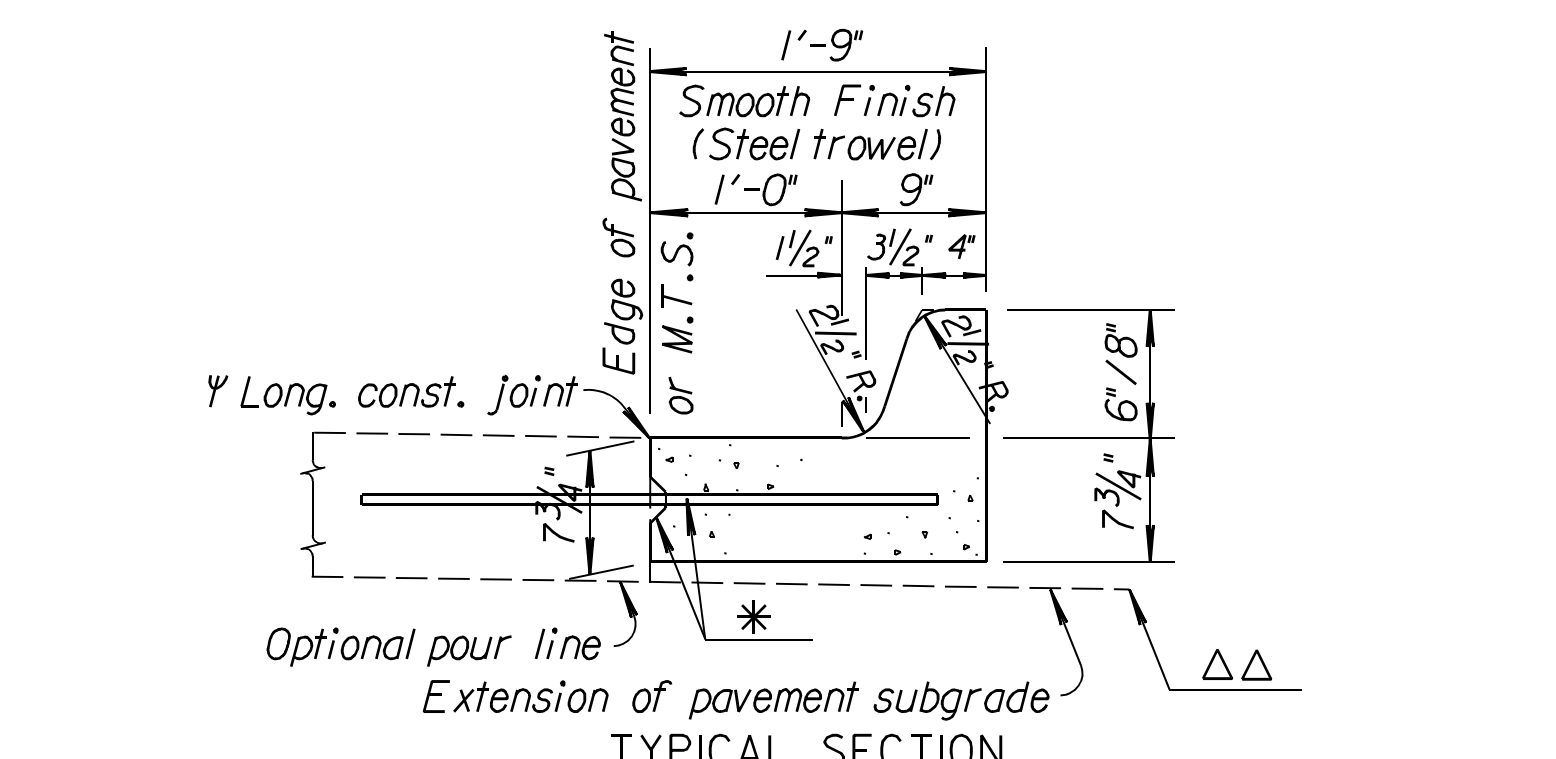
DESIGNED	12-18-09	APP'D. James O. Brewer
DESIGN CK.	DETAILED	QUANTITIES
	DETAIL CK.	QUAN. CK.
		TRACED
		TRACE CK. King



TYPICAL SECTION
Note: Conc. C.&G. I contains 0.060 cu. yds. Conc. Grade 3.0 (AE) per lin. ft.
COMBINED CURB & GUTTER - TYPE I (2'-6" WIDTH)



TYPICAL SECTION
Note: Conc. C.&G. II contains 0.053 cu. yds. Conc. Grade 3.0 (AE) per lin. ft.
COMBINED CURB & GUTTER - TYPE II (2'-6" WIDTH)

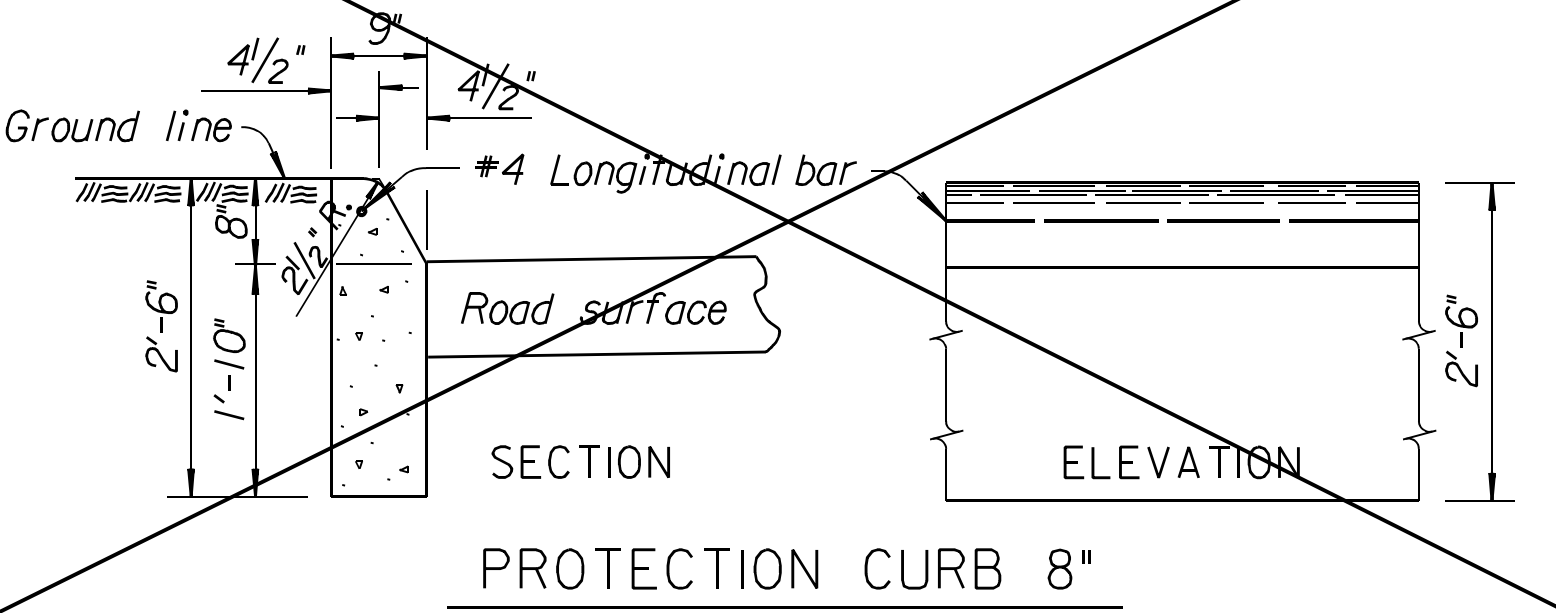


TYPICAL SECTION
Note: Conc. C.&G. III contains 0.054 (8") & 0.048 (6") cu. yds. Conc. Grade 3.0 (AE) per lin. ft.
COMBINED CURB & GUTTER - TYPE III (1'-9" WIDTH)

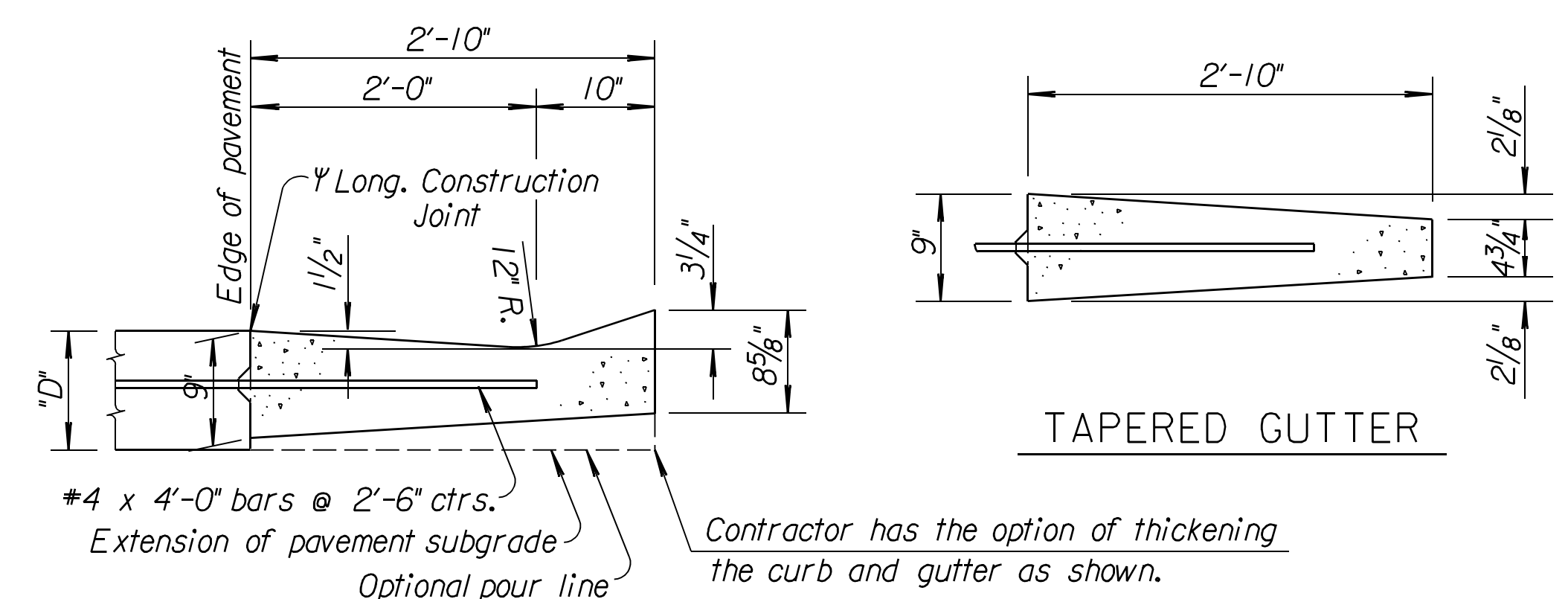
* Longitudinal construction joint and #4 x 3'-0" bars @ 2'-6" ctrs., where concrete pavement is constructed.

ΔΔ Contractor has the option of thickening the curb and gutter as shown.

Note: Use Concrete Grade 3.0 (AE) throughout. All exposed edges shall be finished with an edging tool. Place a 1" Preformed Expansion Joint Filler (Nonextruding, Type B) at a spacing not to exceed 250'.

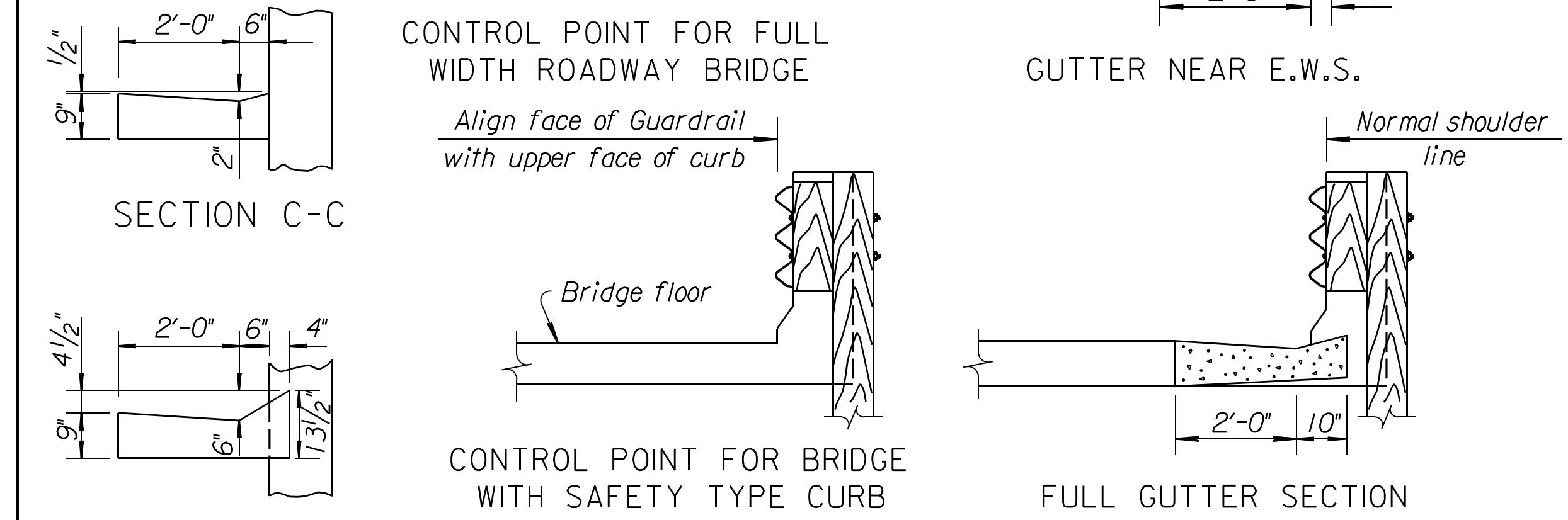
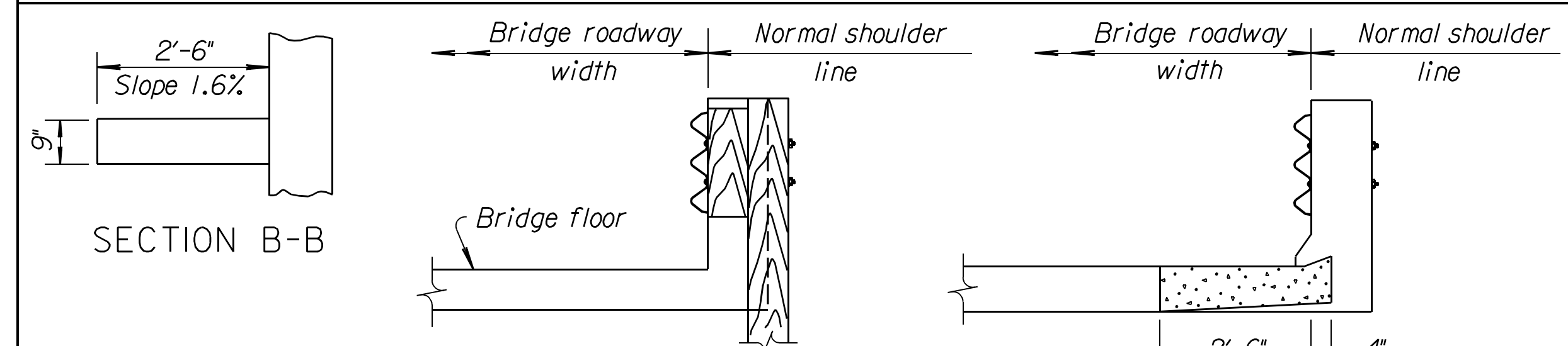


PROTECTION CURB 8"

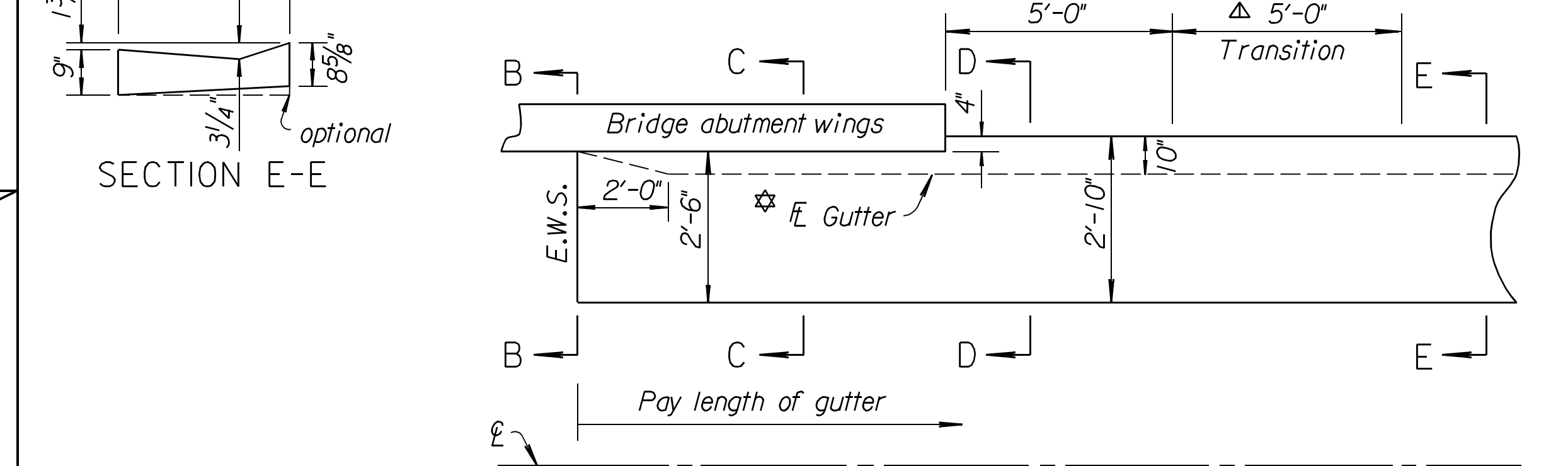


DETAIL OF GUTTER (Normal section)

GUTTER



* At locations where the centerline grade is relatively flat and the pavement grade is such that the gutter will direct drainage onto the bridge, the flowline depth may be reduced as directed by the Engineer to facilitate drainage.



TYPICAL GUTTER @ BRIDGE ENDS (Drawn for down grade end and "U" Type Abutments)
Note: Shaping of gutter is to be Subsidiary to "Gutter (AE)".
Δ Transition gutter to standard 2'-10" gutter section.
FOR RETROFIT OF BRIDGE APPROACHES WITH GUTTER

Drawn By: \$\$\$USERNAME\$\$\$ Plotted: \$\$\$SYTIME\$\$\$
File: \$\$\$GNSPEC\$\$\$