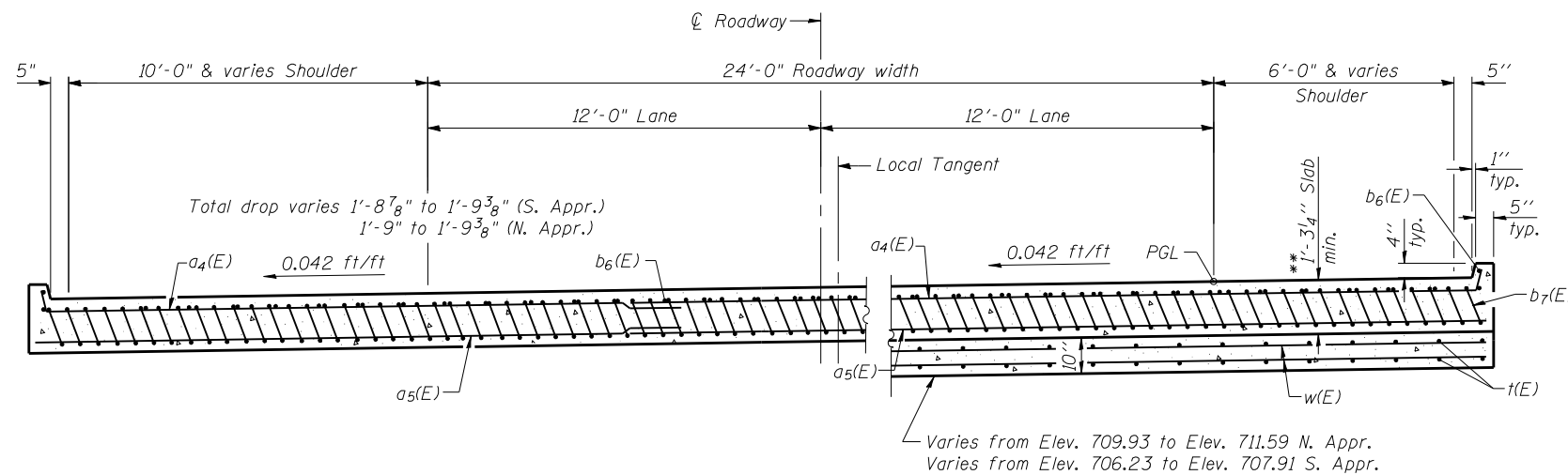


Notes:
 See sheet 18 & 19 of 39 for Detail A.
 Approach slab and curb concrete shall be paid for as Concrete Superstructure.
 Approach footing concrete shall be paid for as Concrete Structures.
 Reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.
 For v(E) bar details, see sheet 16 of 39.
 The approach footing maximum applied service bearing pressure (Q_{max}) = 2.0 ksf.
 For bar splicer details, see sheet 38 of 39.
 Cost of excavation for approach footing included with Concrete Structures.
 For Granular Backfill for Structures and drainage treatment details, see sheet 2 of 39.

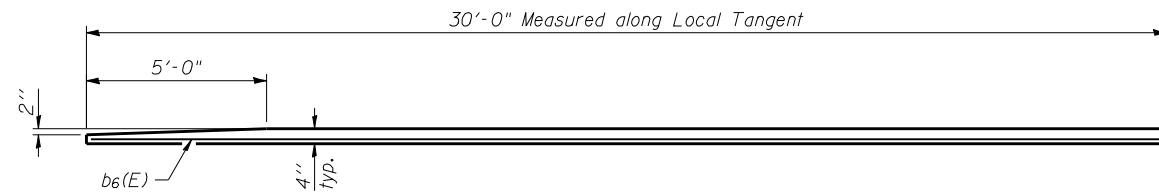


NEAR ABUTMENT

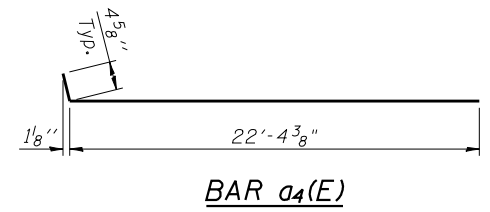
AT APPROACH FOOTING

SECTION D-D
 (See Plan for dimensions not shown)
 (Looking North)

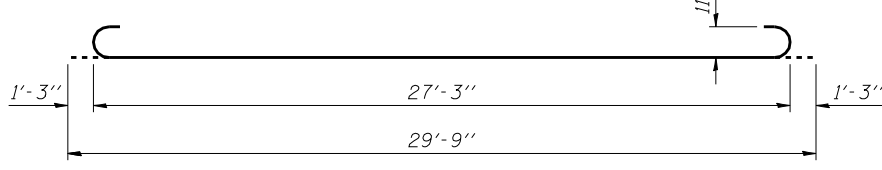
- * Tilt #9 b₇(E) bars as required to maintain clearance.
- ** Prior to grinding 1/4" max.
- *** Cost included with Concrete Superstructure.



VIEW E-E



BAR a₄(E)



BAR b₇(E)

TWO APPROACHES
 BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a ₄ (E)	100	#4	22'-9"	—
a ₅ (E)	184	#5	22'-6"	—
b ₆ (E)	72	#4	29'-8"	—
b ₇ (E)	200	#9	29'-9"	—
t(E)	168	#4	9'-8"	—
w(E)	160	#5	22'-0"	—
			Concrete Superstructure Cu. Yd. 119.2	
			Concrete Structures Cu. Yd. 25.6	
**** Reinforcement Bars, Epoxy Coated			Pound	32,250

**** 27,490 (Superstr.) 4760 (Substr.)

BA-L 7-1-10

FILE NAME =	USER NAME = .MML.	DESIGNED - GJB	REVISED -
...\\0540065-0066-72e11-020-appro-slab-sb-details.dgn		CHECKED - MCB/RKM	REVISED -
	PLOT SCALE = 0:2.000000 '1' / IN.	DRAWN - CFC	REVISED -
CB PROJECT NO. 10065-1	PLOT DATE = 3/18/2013	CHECKED - MCB/GJB	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BRIDGE APPROACH SLAB DETAILS (SOUTH BOUND STRUCTURE)
 STRUCTURE NO. 054-0065 (N.B.) & 054-0066 (S.B.)

SHEET NO. 20 OF 39 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN BR 2011-1	LOGAN	429	343
				CONTRACT NO. 72E11

CB Coombe-Bloxdorf P.C.
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 - STRUCTURAL ENGINEERS -
 - LAND SURVEYORS -
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ILLINOIS FED. AID PROJECT