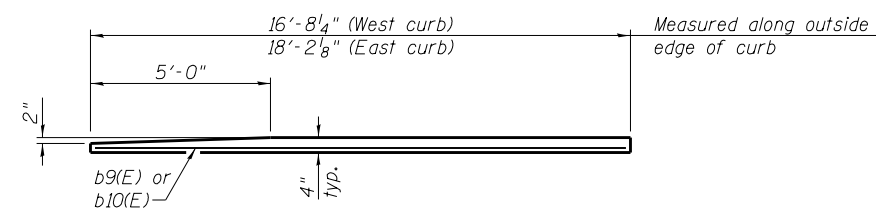


NEAR ABUTMENT

AT APPROACH FOOTING

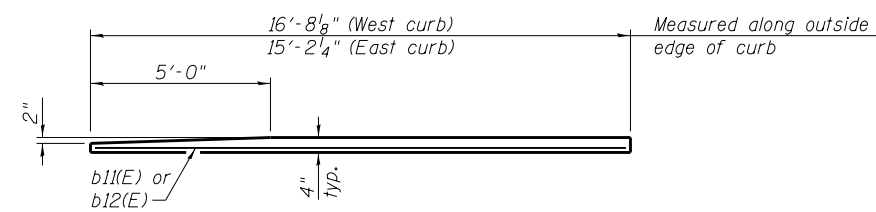
SECTION B-B

(See Plan for dimensions not shown)



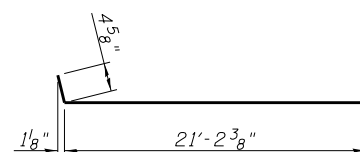
VIEW D-D

(South Approach)

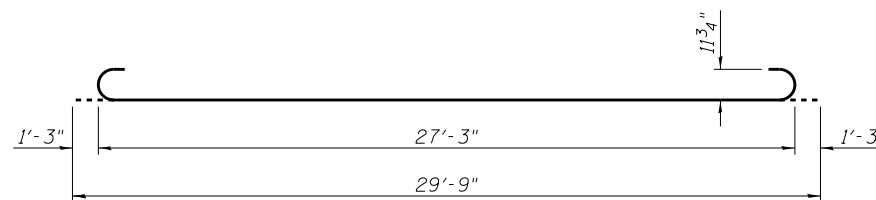


VIEW D-D

(North Approach)



BAR a10(E)



BAR b8(E)

**TWO APPROACHES
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a8(E)	46	#4	20'-3"	—
a9(E)	84	#5	20'-3"	—
a10(E)	54	#4	21'-7"	┌
a11(E)	100	#5	21'-4"	—
b7(E)	56	#4	29'-8"	—
b8(E)	152	#9	29'-9"	┌
b9(E)	3	#4	16'-4"	—
b10(E)	3	#4	17'-5"	—
b11(E)	3	#4	15'-11"	—
b12(E)	3	#4	14'-10"	—
t(E)	144	#4	12'-5"	—
w(E)	160	#5	21'-4"	—
Concrete Structures			Cu. Yd.	26.7
Concrete Superstructure			Cu. Yd.	98.3
Reinforcement Bars, Epoxy Coated			Pound	26,760

- Notes:
- Approach slab 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 sheets 38 and 41 of 62.
 - The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.
 - For bar splicer details, see sheet 51 of 62.
 - Cost of excavation for approach footing included with Concrete Structures.
 - For Granular Backfill for Structures and drainage treatment details, see sheet 2 of 62.
 - Tilt #9 b8(E) bars as required to maintain clearance.
 - Cost included with Concrete Superstructure.
 - Preformed flexible foam expansion joint filler, see Plan on sheets 21 and 22 of 62.
 - Calculated weight of Reinforcement Bars, Epoxy Coated = 22,010 (Superstructure) 4,750 (Substructure)



USER NAME =	DESIGNED - MAG	REVISED
PLOT SCALE =	CHECKED - DBB	REVISED
PLOT DATE =	DRAWN - MAG	REVISED
	CHECKED - DBB	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BRIDGE APPROACH SLAB DETAILS
STRUCTURE NO. 048-0100**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
626	(44-B-1)BR	KNOX	122	53
CONTRACT NO. 68759				