



MINIMUM BAR LAPS
#6 Bar - 2'-7"

Notes:
See Sheet S-4A for Sections A-A, B-B and C-C.
See Sheet S-4A for guardrail removal and reinstallation at Northeast and Southwest corners. Cost included with Concrete Superstructure.
Cost of removal and reinstallation of aluminum handrail included with Concrete Superstructure.
* Dimensions measured along \perp Joint

Bar	No.	Size	Length	Shape
a(E)	20	#5	18'-0"	—
a ₁ (E)	20	#5	17'-1"	—
a ₂ (E)	40	#5	18'-0"	—
a ₃ (E)	20	#5	16'-10"	—
a ₄ (E)	12	#6	18'-4"	—
a ₅ (E)	12	#6	26'-11"	—
a ₆ (E)	4	#6	16'-10"	—
c(E)	28	#6	3'-9"	┌
c ₁ (E)	20	#6	4'-10"	┌
c ₂ (E)	20	#5	4'-8"	┌
c ₃ (E)	24	#4	5'-9"	┌
d(E)	16	#6	5'-9"	┌
d ₁ (E)	16	#4	2'-6"	┌
Concrete Removal			Cu. Yd.	36.2
Concrete Superstructure			Cu. Yd.	36.2
Bridge Deck Grooving			Sq. Yd.	37
Reinforcement Bars, Epoxy Coated			Pound	3,410

FILE NAME = s:\projects\2102155_006a\road\structure\0169\61_60\47_884_E.revision Joint 1.dgn

	USER NAME = 2aayrb	DESIGNED - BHS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXPANSION JOINT RECONSTRUCTION DETAILS (1 OF 2) S.N. 016-0961	F.A.P. RTE. 343	SECTION 531-4HBK-BR-1	COUNTY COOK	TOTAL SHEETS 25	SHEET NO. 14
	PLOT SCALE = N/A PLOT DATE = 3/21/2011	CHECKED - GSP	REVISED -			SHEET NO. S4 OF 11 SHEETS	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			