



**BAR a2XX(E) DATA TABLE**

(Pier 7)

Bay	Bar	Size
R1-R4	a211(E)	#5
R4-A1	a226(E)	#5
A1-A2	a227(E)	#5
A2-A3	a210(E)	#5
A3-A6	a228(E)	#6
A6-A8	a229(E)	#5

**MINIMUM BAR LAP**

(Slab and Parapet)  
 #5 bar = 3'-3"  
 #6 bar = 3'-10"

**PLAN - SPANS 1 THRU 3**

\* Cut to fit in field

**NOTES:**

- For Superstructure Details, Section A-A, and Bar Bends, see Sheet SD45.
- For Bill of Material, see Sheet SD46.
- Bars indicated thus 20 x 3-#5 etc. indicates 20 lines of bars with 3 lengths per line.
- For Section B-B, C-C, and D-D, see Sheet SD33.
- Design stresses and deflections were calculated based on a single monolithic deck pour for all of Unit A. Use of staged construction joints and a deck pouring sequence will require a submittal to the Engineer for review and approval.
- Dimensions are based on a Rolled Rail Strip Seal Joint. If the Contractor elects to use the Welded Rail Strip Seal Joint, deck dimensions may require adjustments to satisfy the details on Sheet SD49.
- For Section E-E, see Sheet SD50.

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FILE NAME =	USER NAME = ksnider	DESIGNED - AWH	REVISED -
0162457.60J16.031.Deck.plan.Unit.A.dgn		CHECKED - MFH	REVISED -
	PLOT SCALE =	DRAWN - RMG/KMS	REVISED -
	PLOT DATE = 12/20/2013	CHECKED - MFH	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DECK PLAN UNIT A 1 OF 2**  
**STRUCTURE NO. 016-2457**

SHEET NO. SD31 OF SD83 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2013-038B-R	COOK	821	406
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	

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 8/6/2014