

\* Vary lap to account for tapered deck.  
 Do not lap Top and Bott. bars at the same location.  
 \*\* 10- #5 a100(E) bars @ 7" cts., Top  
 (cut to fit and use excess where laps are needed)  
 \*\*\* 8- #5 a107(E) bars @ 9" cts., Bott.  
 (cut to fit and use excess where laps are needed)

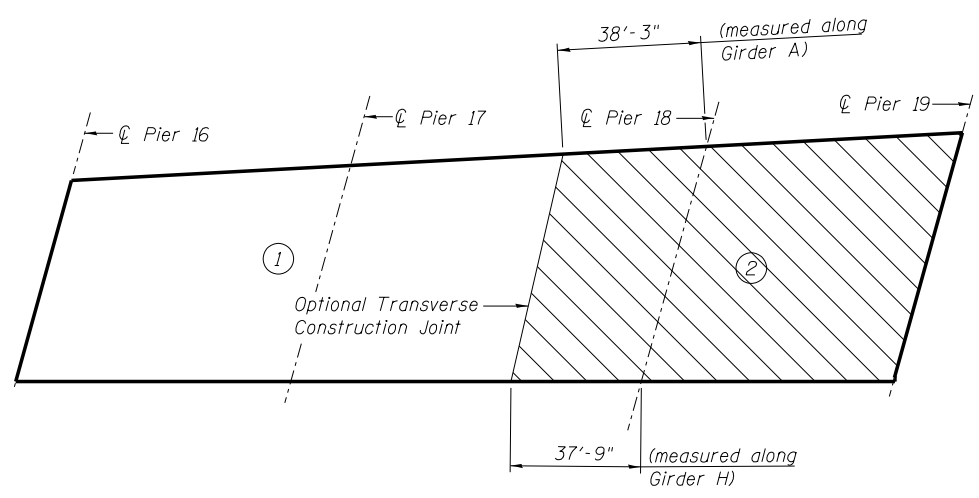
**PARTIAL PLAN**

**MINIMUM BAR LAP**

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

**NOTES:**

- See Sheets SC15 & SC16 of SC35 for superstructure details, parapet reinforcement and Bill of Material.
- Bars indicated thus 20x3- #5 etc. indicates 20 lines of bars with 3 lengths per line.
- See Sheet SC16 of SC35 for additional bars at scuppers.
- See Sheet SC35 of SC35 for Bar Splicer Details.
- When the deck pour is stopped for the day at one or more of the transverse construction joints in the deck pouring sequence as shown, the next pour shall not be made until both of the following are met:
  - A) At least 72 hours shall have lapsed from the end of the previous pour.
  - B) the concrete strength shall have attained a minimum flexural strength of 650 psi or a minimum compressive strength of 3500 psi.
- The Contractor is alerted that camber and dead load deflection values were developed based on the deck pouring sequence shown. Any deviations from this pouring sequence will result in changes to camber and deck elevations. These changes shall be submitted to the Engineer for review and approval.
- See Sheet SC13 of SC35 for section A-A and Detail 1.
- 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 SC20.



**OPTIONAL DECK POUR SEQUENCE**

**benesch**  
 engineers · scientists · planners  
 Alfred Benesch & Company  
 205 North Michigan Avenue, Suite 2400  
 Chicago, Illinois 60601  
 312-565-0450 Job No. 10093

FILE NAME =	USER NAME = jsurber	DESIGNED - JOB	REVISED -
0162455.60J16.012.superstr.1.dgn		CHECKED - GJK	REVISED -
		DRAWN - MAK/RMG	REVISED -
		CHECKED - JOB/TPS	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DECK PLAN (1 OF 2)  
 STRUCTURE NO. 016-2455**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2013-038B-R	COOK	821	338
SHEET NO. SC12 OF SC35 SHEETS			CONTRACT NO. 60J16	
ILLINOIS FED. AID PROJECT				

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