

**PLAN - RAMP E**

**S.E. DATA - RAMP E**

Normal Crown = Sta. 197+06.62  
 2.0% to 3.56% S.E. = Sta. 197+06.62 to Sta. 198+21.67  
 3.56% to 3.95% S.E. = Sta. 198+21.67 to Sta. 198+50.00  
 3.95% to 5.15% S.E. = Sta. 198+50.00 to Sta. 199+00.00  
 5.15% to 6.2% S.E. = Sta. 199+00.00 to Sta. 199+50.00  
 6.2% S.E. = Sta. 199+50.00 to Sta. 201+70.00  
 6.2% S.E. to 2.3% S.E. = Sta. 201+70.00 to 203+00.00

**BAR a2XX(E) DATA TABLE**

Span	Pier	Bay	Bar
1E	41	R1-R2	a208(E)
1E	41	R2-R5	a207(E)
1E	40	R1-R2	a209(E)
1E	40	R2-R5	a207(E)
2E	40	R1-R2	a210(E)
2E	40	R2-R5	a247(E)
2E	39	R1-R2	a211(E)
2E	39	R2-R5	a247(E)

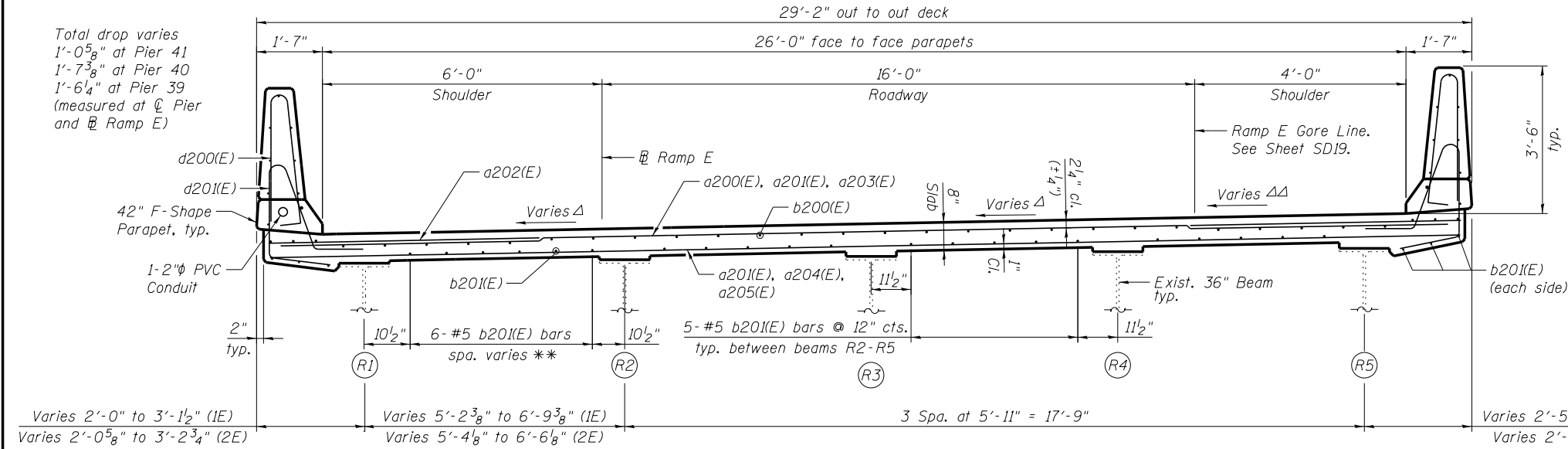
**MINIMUM BAR LAP**

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

\* Order a200(E), a203(E), a204(E) and a205(E) bars full length. Cut to fit skew and use remainder of bars in opposite end.  
 \*\* 12" at Pier 41 (1E) 8 1/4" at Pier 40 (1E) 11 1/2" at Pier 40 (2E) 8 1/2" at Pier 39 (2E)  
 \*\*\* 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.
- Barrier widths are measured perpendicular from the edge of deck. Overhang widths are measured perpendicular from the fascia girders. Girder spacings are measured perpendicular from the east girder to the west girder at the centerline of bearing. All remaining deck dimensions are measured perpendicular to the baseline shown unless noted otherwise.
- 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.



**DECK CROSS SECTION - RAMP E**  
 (Looking Downstation, North)

Δ See S.E. Data Table  
 ΔΔ Matches S.E. Data Table from Sta. 201+25.00 to end of structure at Pier 41. Linear slope transition from 6.2% at Sta. 201+25.00 to 2.2% at Sta. 200+46.84. See Sheet SD19.

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FILE NAME =	USER NAME = ksnider	DESIGNED - AWH	REVISED -
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		DRAWN - RMG/KMS	REVISED -
		CHECKED - MFH	REVISED -

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

**DECK PLAN & CROSS SECTION UNIT A RAMP E**  
**STRUCTURE NO. 016-2457**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2013-038B-R	COOK	821	405
CONTRACT NO. 60J16				
ILLINOIS FED. AID PROJECT				

SHEET NO. SD30 OF SD83 SHEETS

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