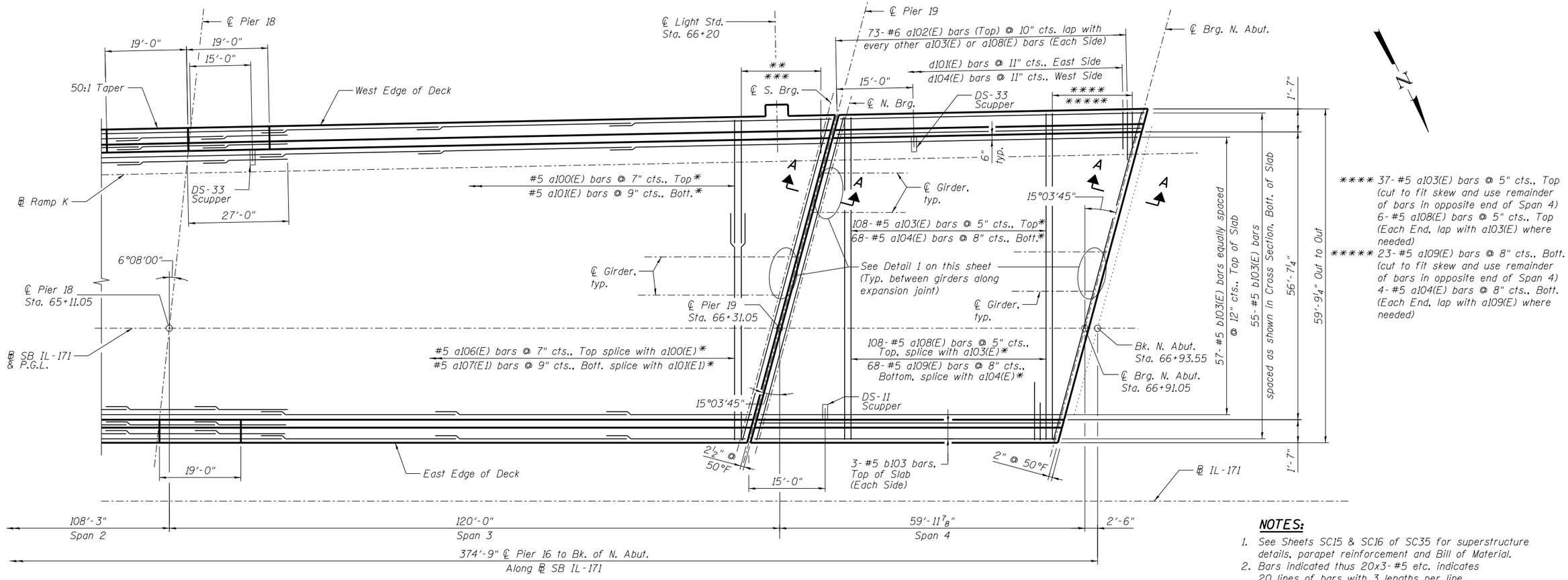
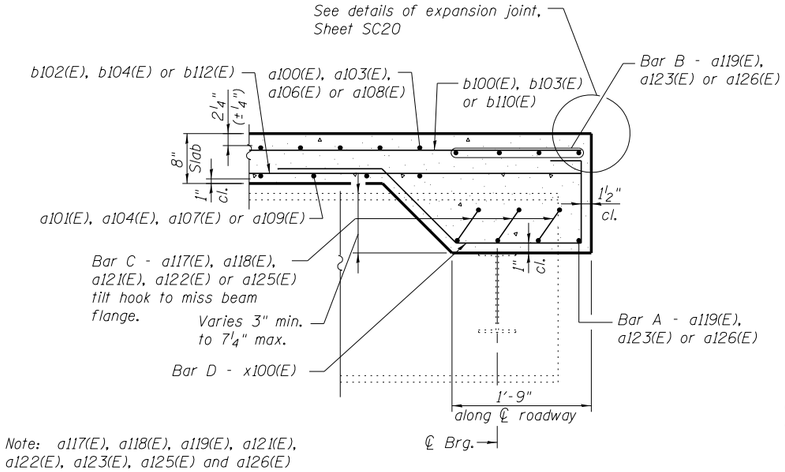


**** 37-#5 a103(E) bars @ 5" cts., Top (cut to fit skew and use remainder of bars in opposite end of Span 4) 6-#5 a108(E) bars @ 5" cts., Top (Each End, lap with a103(E) where needed)

***** 23-#5 a109(E) bars @ 8" cts., Bott. (cut to fit skew and use remainder of bars in opposite end of Span 4) 4-#5 a104(E) bars @ 8" cts., Bott. (Each End, lap with a109(E) where needed)

NOTES:

1. See Sheets SC15 & SC16 of SC35 for superstructure details, parapet reinforcement and Bill of Material.
2. Bars indicated thus 20x3-#5 etc. indicates 20 lines of bars with 3 lengths per line.
3. See Sheet SC35 of SC35 for Bar Splicer Details.
4. See Sheet SC16 of SC35 for additional bars at scuppers.
5. For section through Preformed Joint Strip Seal at Pier 19 and N Abut, see Sheet SC20 of SC35.
6. 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.



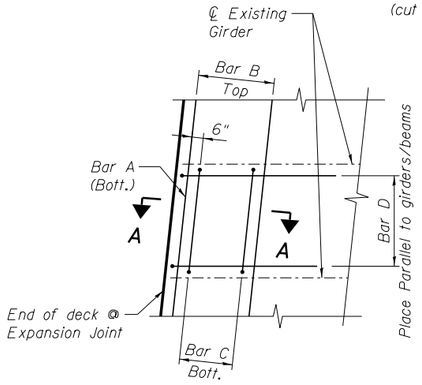
Note: a117(E), a118(E), a119(E), a121(E), a122(E), a123(E), a125(E) and a126(E) bars placed along skew.

SECTION A-A

(016-2457 side of Pier 16, Span 4 side of Pier 19 & Abutment not shown for clarity)
(The concrete edge beam shall be placed from ℄ web of fascia Beam to ℄ web of fascia beam and not on the overhang of the stucture.)

PARTIAL PLAN

* Vary lap to account for tapered deck. Do not lap Top and Bott. bars at the same location.
** 26-#5 a100(E) bars @ 7" cts., Top (cut to fit and use excess where laps are needed)
*** 21-#5 a107(E) bars @ 9" cts., Bott. (cut to fit and use excess where laps are needed)



DETAIL 1

MINIMUM BAR LAP

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

BAR	DESIGNATION	EDGE BEAM LOCATION
A	1-#6 a119(E) bar, bott.	016-2455 side of Pier 16
	1x2-#6 a123(E) bar, bott.	Both sides of Pier 19
	1x2-#6 a126(E) bar, bott.	N. Abut.
B	4-#6 a119(E) bars at 6" cts. top	016-2455 side of Pier 16
	4x2-#6 a123(E) bars at 6" cts. top	Both sides of Pier 19
	4x2-#6 a126(E) bars at 6" cts. top	N. Abut.
C	3-#6 a117(E) bars at 6" cts. bott. between girders	016-2455 side of Pier 16 between Girders C thru H
	3-#6 a118(E) bars at 6" cts. bott. between girders	016-2455 side of Pier 16 between Girders A thru C
	3-#6 a121(E) bars at 6" cts. bott. between girders	Span 3 side of Pier 19 between Girders C thru H
	3-#6 a122(E) bars at 6" cts. bott. between girders	Span 3 side of Pier 19 between Girders A thru C
	3-#6 a122(E) bars at 6" cts. bott. between beams	Span 4 side of Pier 19 between Beams B thru H
	3-#6 a125(E) bars at 6" cts. bott. between beams	Span 4 side of Pier 19 between Beams A and B
	3-#6 a122(E) bars at 6" cts. bott. between beams	N. Abut. between all beams
D	7-#5 x100(E) bars at 12" cts. between girders	016-2455 side of Pier 16 between Girders C thru H
	4-#5 x100(E) bars at 12" cts. between girders	016-2455 side of Pier 16 between Girders A thru C
	7-#5 x100(E) bars at 12" cts. between girders	Span 3 side of Pier 19 between Girders C thru H
	8-#5 x100(E) bars at 12" cts. between girders	Span 3 side of Pier 19 between Girders A thru C
	8-#5 x100(E) bars at 12" cts. between beams	Span 4 side of Pier 19 between Beams B thru H
	6-#5 x100(E) bars at 12" cts. between beams	Span 4 side of Pier 19 between Beams A and B
	8-#5 x100(E) bars at 12" cts. between beams	N. Abut. between all beams

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DECK PLAN (2 OF 2)
STRUCTURE NO. 016-2455
SHEET NO. SC13 OF SC35 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2013-038B-R	COOK	821	339
		CONTRACT NO. 60J16		
	ILLINOIS FED. AID PROJECT			

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