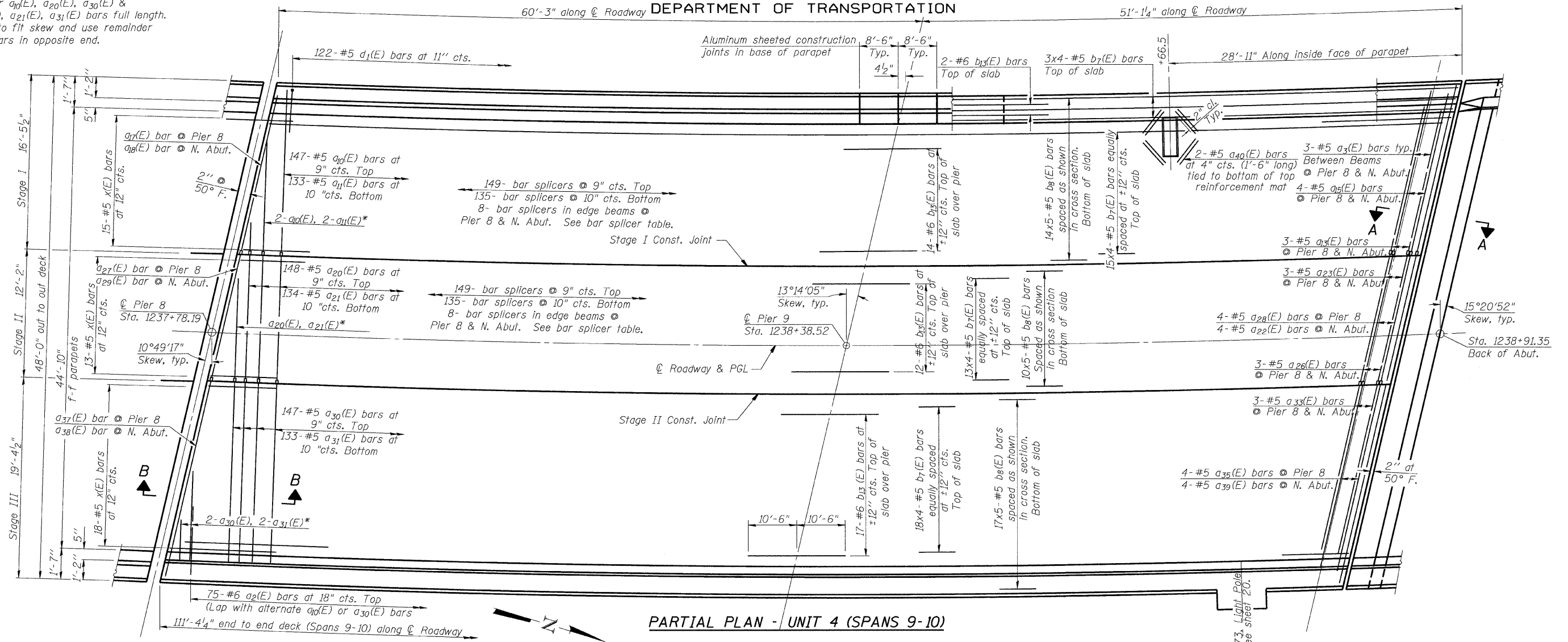


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

* Order $a_{10}(E)$, $a_{20}(E)$, $a_{30}(E)$ & $a_{11}(E)$, $a_{21}(E)$, $a_{31}(E)$ bars full length. Cut to fit skew and use remainder of bars in opposite end.

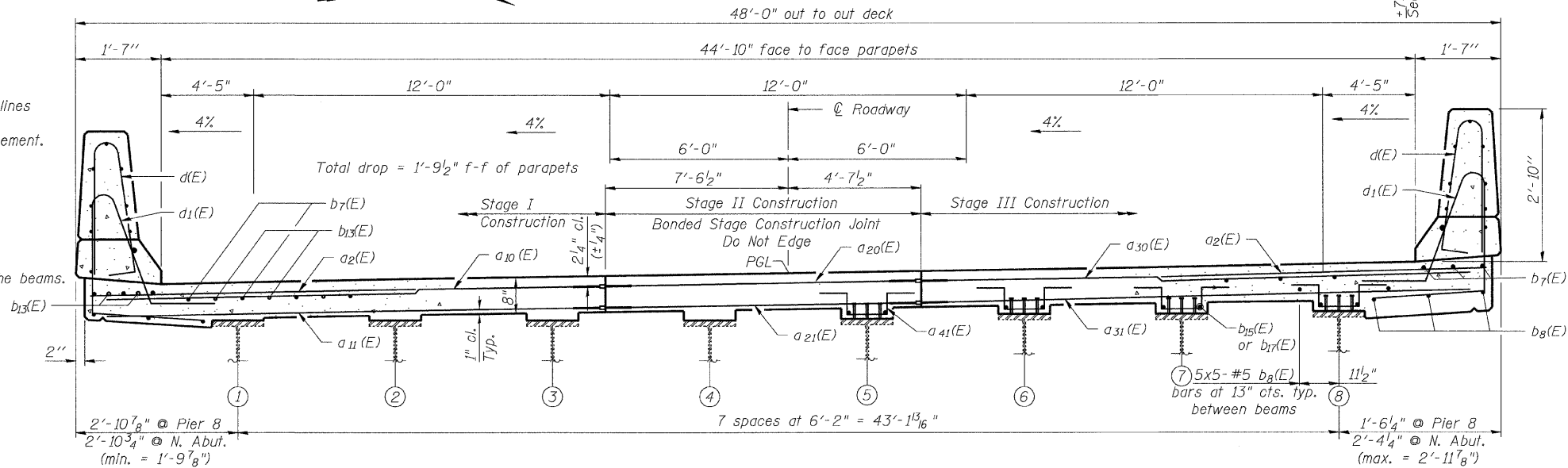


PARTIAL PLAN - UNIT 4 (SPANS 9-10)

Notes:
See Sheet 17 of 49 for superstructure details and Bill of Material.
Bars indicated thus 20 x 3-#5 etc. indicates 20 lines of bars with 3 lengths per line.
See Sheets 17 thru 20 of 49 for parapet reinforcement.
See Sheet 26 of 49 for schedule of $a_{41}(E)$ bars.
See Sheet 26 of 49 for schedule of $b_{14}(E)$ bars.

Minimum reinforcement bar lap splice length
#5 2'-2"

Deck dimensions are at right angles to the \perp .
Beam spaces and overhangs are at right angles to the beams.



CROSS SECTION
(Looking North)

BAR SPLICER TABLE

At Stage I Const. Joint
Connect $a_{10}(E)$ bars to $a_{20}(E)$ bars
Connect $a_{11}(E)$ bars to $a_{21}(E)$ bars
Connect $a_{17}(E)$ bar to $a_{27}(E)$ bar (at Pier 8)
Connect $a_{18}(E)$ bar to $a_{28}(E)$ bar (at N. Abut.)
Connect $a_{13}(E)$ bars to $a_{23}(E)$ bars
Connect $a_{15}(E)$ bars to $a_{25}(E)$ bars (at Pier 8)
Connect $a_{15}(E)$ bars to $a_{22}(E)$ bars (at N. Abut.)

At Stage II Const. Joint
Connect $a_{20}(E)$ bars to $a_{30}(E)$ bars
Connect $a_{21}(E)$ bars to $a_{31}(E)$ bars
Connect $a_{27}(E)$ bar to $a_{37}(E)$ bar (at Pier 8)
Connect $a_{29}(E)$ bar to $a_{39}(E)$ bar (at N. Abut.)
Connect $a_{26}(E)$ bars to $a_{33}(E)$ bars
Connect $a_{28}(E)$ bars to $a_{35}(E)$ bars (at Pier 8)
Connect $a_{22}(E)$ bars to $a_{39}(E)$ bars (at N. Abut.)

DESIGNED - MJB/MAJ
CHECKED - JFS
DRAWN - MSJ/MLB
CHECKED - MJB

S-2-L(30°)

SUPERSTRUCTURE
STRUCTURE NO. 058-0014



SHEET NO. 16	F.A. RTE. 710	SECTION (50Z-VB)BR	COUNTY MACON	TOTAL SHEETS 79	SHEET NO. 42
49 SHEETS	FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 74215