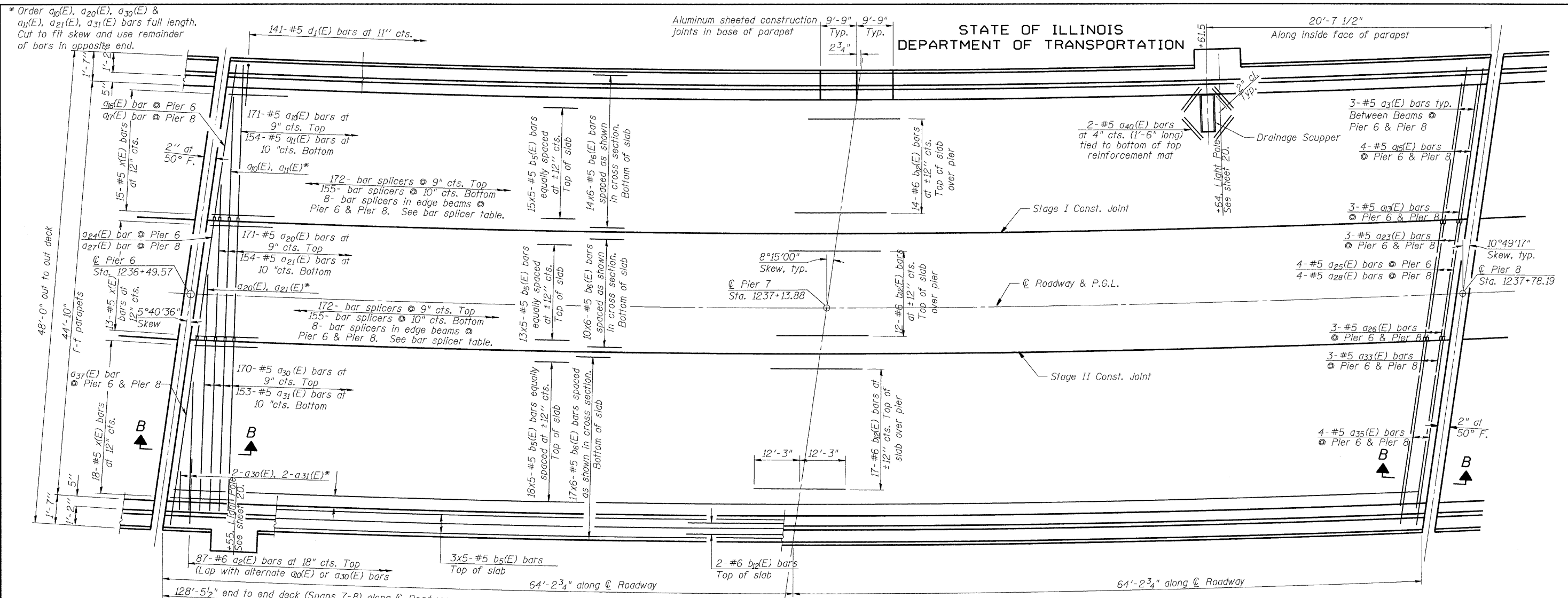


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

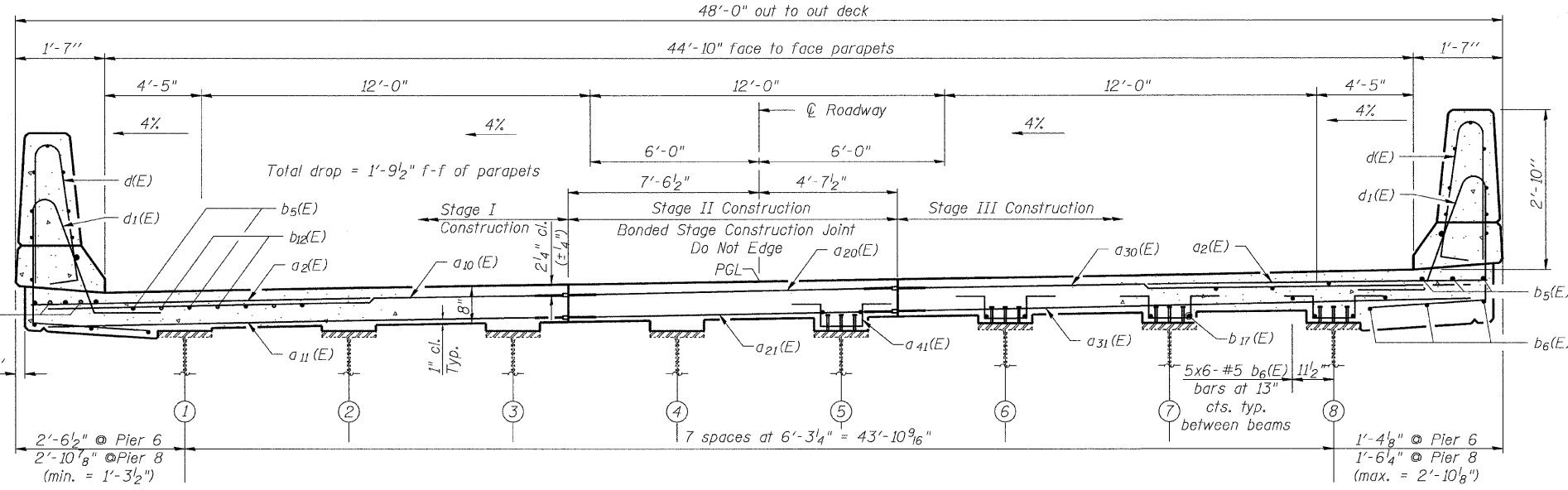


PARTIAL PLAN - UNIT 3 (SPANS 7-8)

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 a₄₁(E) bars.
See Sheet 26 of 49 for schedule of b₁₄(E) bars.

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

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



CROSS SECTION (Looking North) NEAR PIER NEAR MIDSPAN

BAR SPLICER TABLE

At Stage I Const. Joint
Connect a₁₀(E) bars to a₂₀(E) bars
Connect a₁₁(E) bars to a₂₁(E) bars
Connect a₁₆(E) bar to a₂₄(E) bar (at Pier 6)
Connect a₁₇(E) bar to a₂₇(E) bar (at Pier 8)
Connect a₁₃(E) bars to a₂₃(E) bars
Connect a₁₅(E) bars to a₂₅(E) bars (at Pier 6)
Connect a₁₅(E) bars to a₂₈(E) bars (at Pier 8)

At Stage II Const. Joint
Connect a₂₀(E) bars to a₃₀(E) bars
Connect a₂₁(E) bars to a₃₁(E) bars
Connect a₂₄(E) bar to a₃₇(E) bar (at Pier 6)
Connect a₂₇(E) bar to a₃₇(E) bar (at Pier 8)
Connect a₂₆(E) bars to a₃₃(E) bars
Connect a₂₅(E) bars to a₃₅(E) bars (at Pier 6)
Connect a₂₈(E) bars to a₃₅(E) bars (at Pier 8)

SUPERSTRUCTURE
STRUCTURE NO. 058-0014

DESIGNED - MJB/MAJ
CHECKED - JFS
DRAWN - MSJ/MLB
CHECKED - MJB
S-2-L(K30°)

Foth
Foth Infrastructure & Environment, LLC
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Phone: 217-352-4169 Fax: 217-352-0085
Illinois Registration Number 184-004813

SHEET NO. 15	F.A. RTE. 710	SECTION (50Z-VB)BR	COUNTY MACON	TOTAL SHEETS 79	SHEET NO. 41
49 SHEETS	CONTRACT NO. 74215		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		