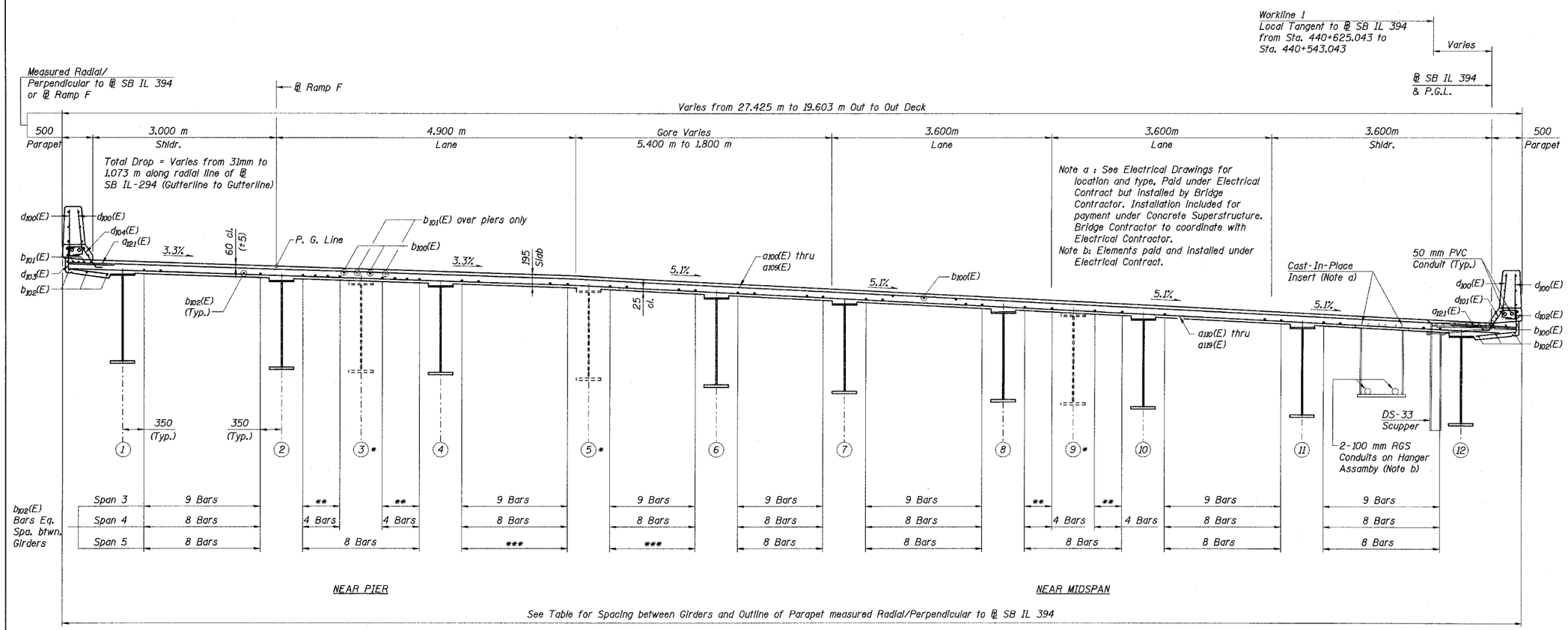
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F. A. I. 80/94	*	COOK	870	534
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT-		

(0203.1 & 0312-708W) R-3 CONTRACT NO. 62108

SHEET NO. 20
91 SHEETS



CROSS SECTION - UNIT 1

(Looking Up Station along SB IL 394)
Cross Slopes Shown at Sta. 440+651.000

* Girders 3 & 9 terminate within span 4.
Girder 5 terminates within span 5.

** 8 Bars x 3 Lengths from Pier 2 to Midspan
6 Bars x 3 Lengths from Midspan to Pier 3.

*** 8 Bars x 4 Lengths from Pier 4 to 2/3 of span
4 Bars x 2 Lengths from 2/3 of span to N. Abut.

Notes:

1. Work this sheet with Sheets Nos. 17, 18, 19, 21, 22 & 30 of 91.
2. See Sheets Nos. 31 & 32 of 91 for drainage scupper.
3. All dimension are in millimeters (mm) except as noted.

Overhang and Girder Spacing measured Radial/Perpendicular to ℄ SB IL 394 at Intersection of Substructures (Meters)

Location	℄ N. Brg Pier 2	℄ Pier 3	℄ Pier 4	℄ Brg. N. Abut.
West Overhang	1.053	1.053	0.805	1.106
G1-G2	2.547	2.547	2.568	2.513
G2-G3	2.136	1.485	1.949*	2.563*
G3-G4	2.136	1.486		
G4-G5	2.572	2.572	2.146	1.550*
G5-G6	2.542	2.542	2.077	
G6-G7	2.542	2.542	2.392	1.862
G7-G8	2.542	2.542	2.588	2.604
G8-G9	2.165	1.498	1.959*	2.611*
G9-G10	2.165	1.502		
G10-G11	2.600	2.600	2.611	2.529
G11-G12	2.600	2.600	2.614	2.539
East Overhang	0.794	0.794	1.118	0.722

DESIGNED	JY
CHECKED	ML
DRAWN	LK
CHECKED	ML

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND
DECK CROSS SECTION AND DETAILS
SPANS 3-5 - UNIT 1
SB IL ROUTE 394 OVER THORN CREEK
F.A.P. 332 SECTION (02033.1 & 0312-708W) R-3
COOK COUNTY
STA. 440+704.350 STRUCTURE NO. 016-2800
DATE JUL 18, 2005
SCALE ---
HNTB

LKalita
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