STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

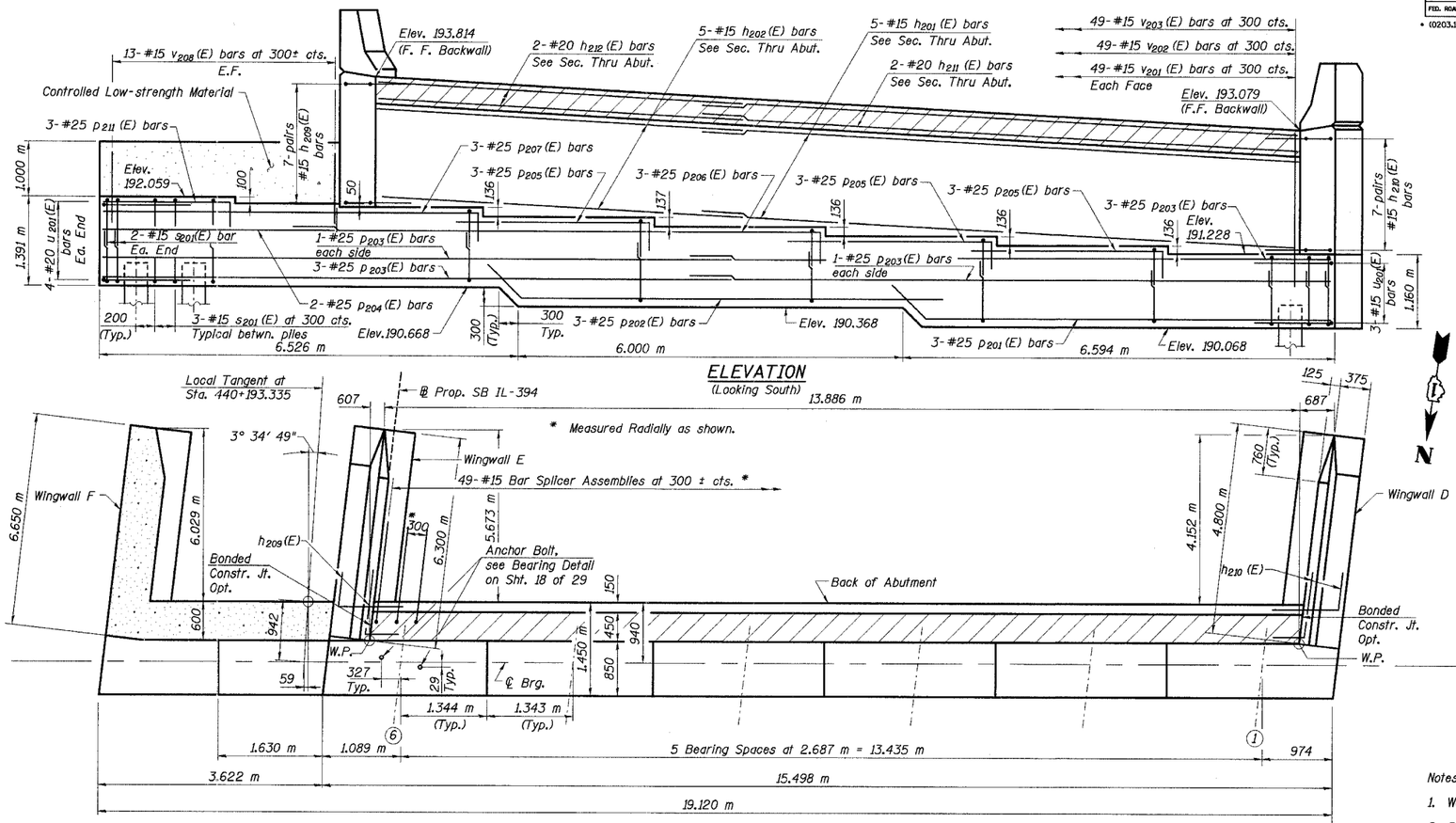
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F. A. I. 80/94	*	COOK	870	462
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 20
29 SHEETS

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

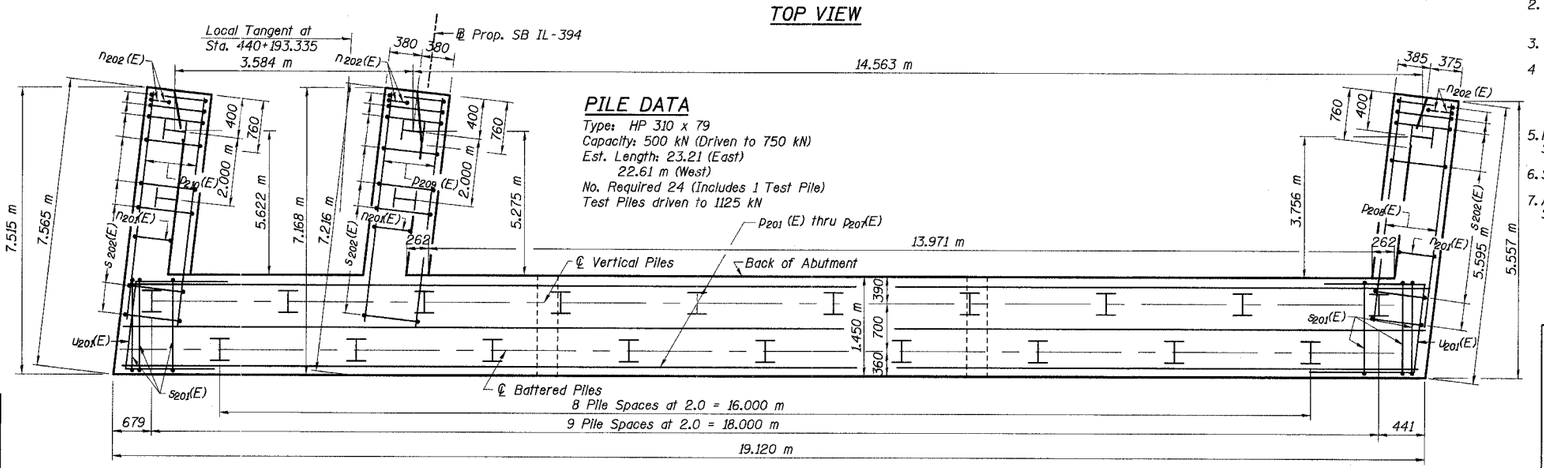
BEARING SEAT ELEVATION

GIR.	ELEV.
1	191.228
2	191.364
3	191.500
4	191.636
5	191.773
6	191.909



ELEVATION
(Looking South)

TOP VIEW



PILE DATA

Type: HP 310 x 79
Capacity: 500 kN (Driven to 750 kN)
Est. Length: 23.21 (East)
22.61 m (West)
No. Required 24 (Includes 1 Test Pile)
Test Piles driven to 1125 kN

PLAN-PILE CAP

Notes:

1. Work this sheet with Sheets 21 and 24 of 29.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. All dimensions are in millimeters (mm) except as noted.
4. Min. bar laps (Unless otherwise shown):
   #15 bars - 710 mm
   #20 bars - 890 mm
   #25 bars - 1480 mm
5. For Anchor Bolt Installation Details See Sheet 19 of 29.
6. See Sheet 21 of 29 for placement of dowel bars.
7. All piles shall be encased in concrete. See Detail on Sheet 24 of 29.

DESIGNED	JFA
CHECKED	JJK
DRAWN	LK
CHECKED	JJK/JFA

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

SOUTH ABUTMENT PLAN & ELEVATION

SB ILLINOIS ROUTE 394 OVER INTERSTATE 80
F.A.P. 332 SECTION (0203.1 & 0312-708W) R-3
COOK COUNTY
STA. 440+193.335 STRUCTURE NO. 016-2796

DATE 07/18/05
SCALE ---

HNTB

JBeauchamp
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