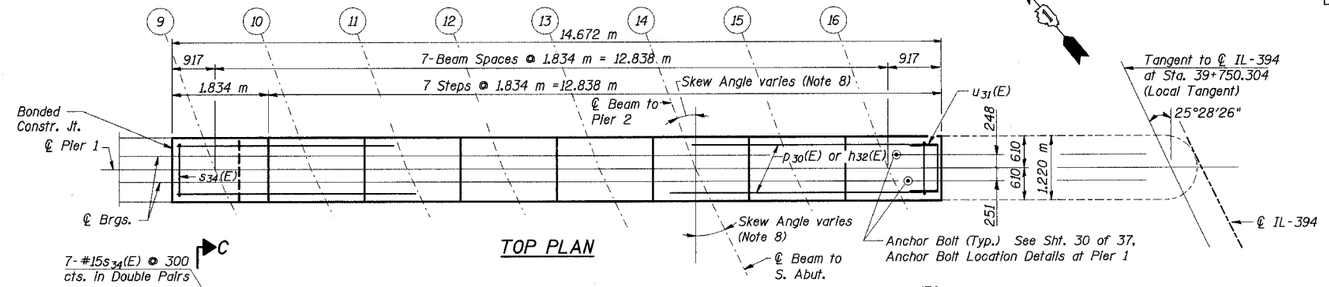
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

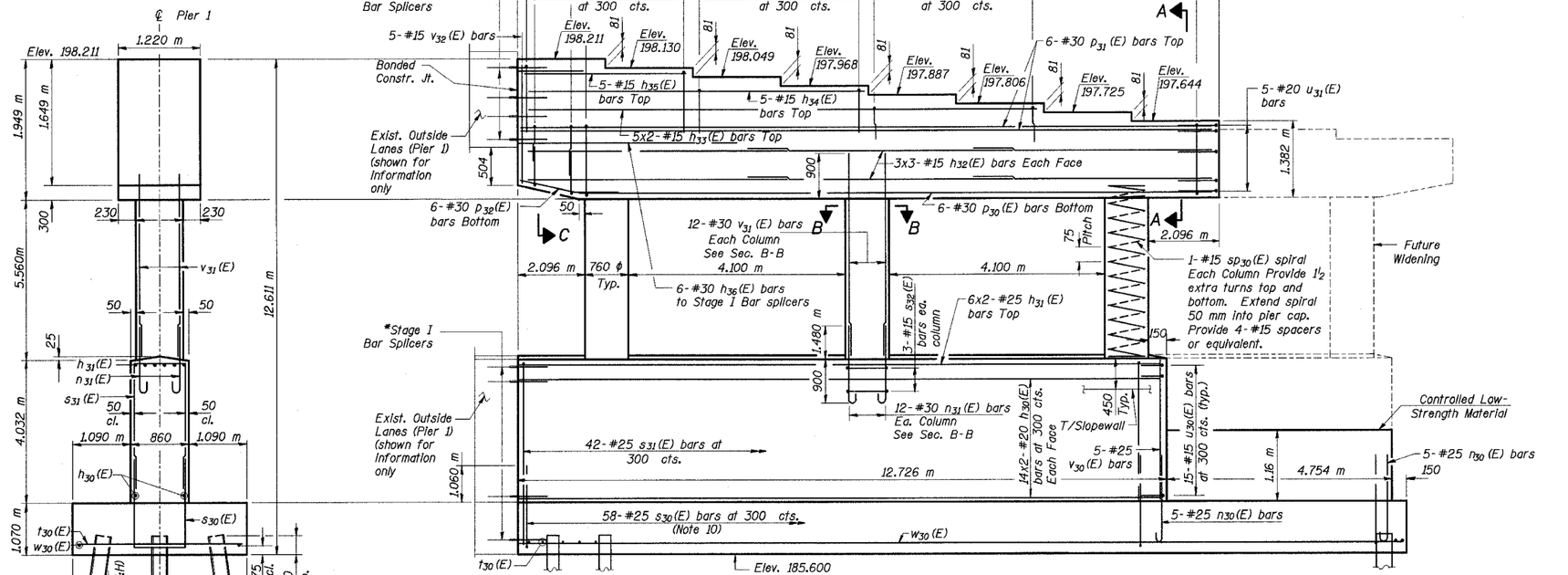
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80/94		COOK	870	501
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT-		

SECTION (0203.1 & 0312-708W) R-3 CONTRACT # 62108

SHEET NO. 28 37 SHEETS



TOP PLAN



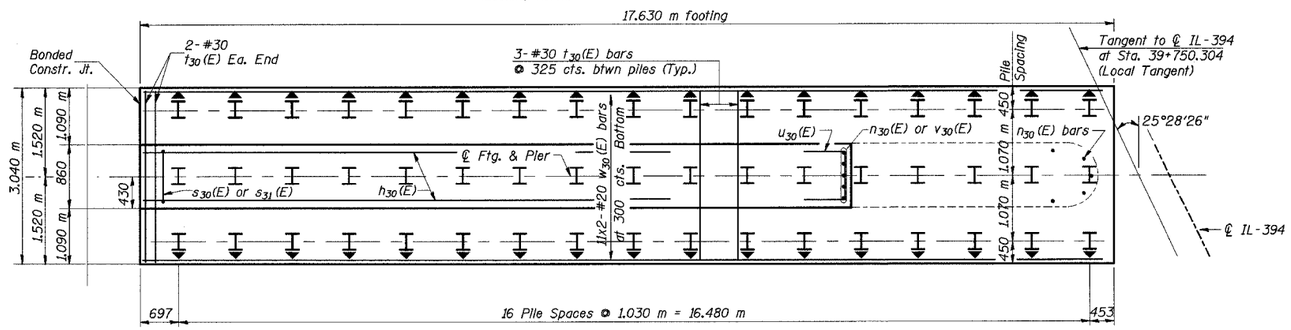
ELEVATION
(Looking North)

END VIEW

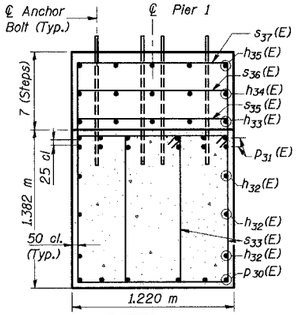
PILE DATA

Type - HP310 x 79
Capacity - 500 KN (Driven to 750 kN Bearing)
Est. Length - 16.00 m
No. Reqd. - 51 (Including 1 Test Pile Driven to 1,125 Kn Bearing)

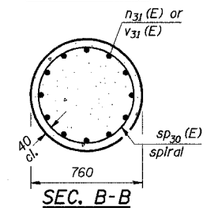
DESIGNED	M.R./ H.T.
CHECKED	H.T.
DRAWN	J.B./ J.S.
CHECKED	H.T./ M.R.



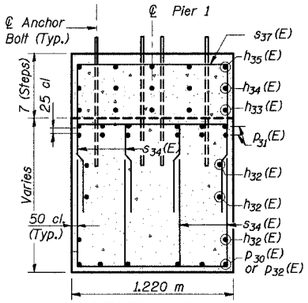
FOOTING PLAN



SECTION A-A



SEC. B-B



SECTION C-C

NOTES :

1. Work this sheet with Sheet No. 4 of 37 Sheets.
2. Reinf. bars designated (E) shall be epoxy coated.
3. Bars indicated thus 3x2-#15 etc. indicates 3 lines of bars with 2 lengths per line.
4. Min. bar laps:
   #15 bars - 510 mm #20 bars - 640 mm
   #25 bars - 1060 mm #30 bars - 1480 mm
5. Space reinforcement in cap to miss anchor bolts.
6. Pour steps monolithically with cap.
7. For Bar Splicer Assemblies, see Sht. 31 of 37.
8. For Beam Skew Angle Table, see Sht. 30 of 37.
9. For Anchor Bolt Details, see Sht. 23 of 37.
10. Space s(E) bars to clear piles.
11. All dimensions are in millimeters (mm) except as noted.

*For additional information see Bar Splicer details on sheet 31 of 37.

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

PIER 1 (EXPANSION PIER)

SB IL. ROUTE 394 OVER CANADIAN NATIONAL RR
F.A.P. 332 SECTION (0203.1 & 0312-708W) R-3
COOK COUNTY
STA. 39+752.246 S.N. 016-2798 (INSIDE LANES)

DATE: July 18, 2005
SCALE: NONE

Soodan

Soodan & Associates, Inc.
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Chicago, Illinois 60602