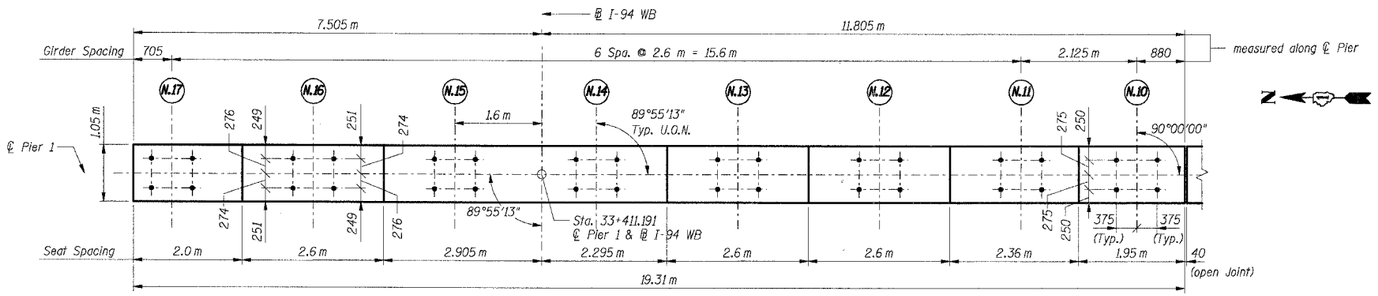
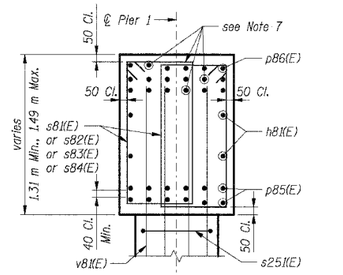
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	428
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

* (2425 & 2626) R-2 CONTRACT NO. 62111

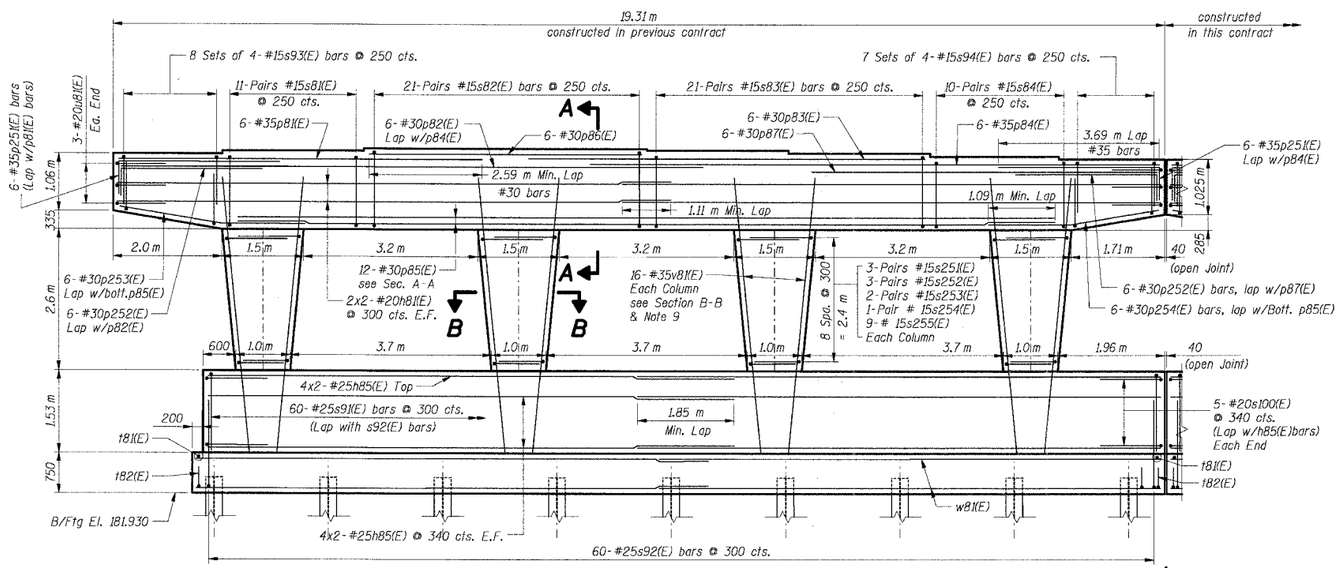


PIER CAP PLAN

Bearing Seat Elevation	
Girders	Elevations
N.10	188.120
N.11	188.165
N.12	188.220
N.13	188.270
N.14	188.300
N.15	188.300
N.16	188.260
N.17	188.205

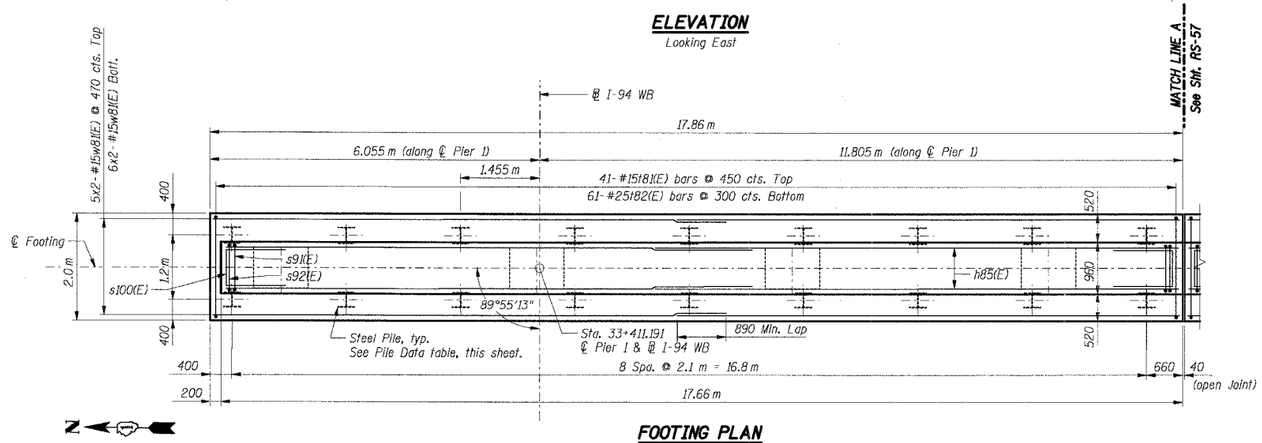


SECTION A-A

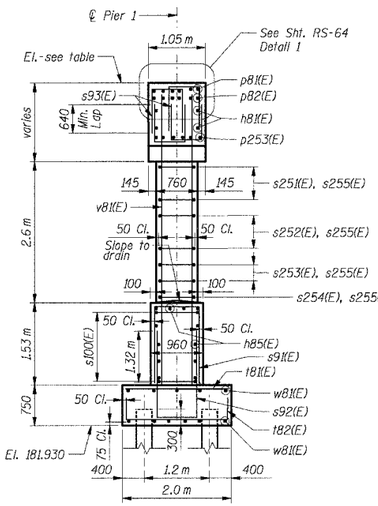


ELEVATION

Looking East

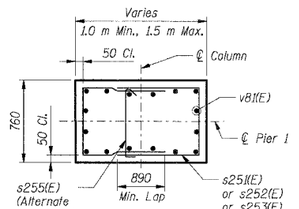


FOOTING PLAN

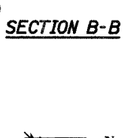


END VIEW

Looking South



SECTION B-B



PILE DATA

Type:	HP 310 x 79
Design Capacity:	600 kN
Required Bearing:	900 kN
Est. Length:	20 m
No. Required:	18

Notes

1. All dimensions are in millimeters (mm) except as noted.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. E.F. indicates Each Face.
4. All edges shall have 20 mm chamfers except as noted.
5. For Bar list, details & Bill of Material, see Sht. RS-64.
6. Work this sheet with Sht. RS-57.
7. Space reinforcement in cap to miss anchor bolts. See Sht. RS-45 for Anchor Bolt details.
8. Bars indicated thus 6x2-#15 etc. indicates 6 lines of bars with 2 lengths per line.
9. All column "v" bars shall be firmly tied and fixed in position prior to casting crashwall portion of pier.

THIS SHEET FOR INFORMATION ONLY

SHT. RS-56 OF 70

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 80/94 (KINGERY EXPRESSWAY)
EB & WB INSIDE LANES (MAINLINE) CONSTRUCTION
I-80/94 OVER RAILROAD AVENUE
STRUCTURE NO. 016-2792 STA. 6+025.000
SECTION 1977-121-R
COOK COUNTY

PIER 1
PLAN, ELEVATION & SECTION - I

DATE: 7/18/2005 DRAWN BY: FD CHECKED BY: TCU

TENG

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

...\PS99R092A.DGN, ...\HR99R092A.DGN, ...\PP99M092A.DGN, ...\PP99R042A.DGN, ...\PP99R092A.DGN, ...\48P99002A.DGN, ...\PP99002A.DGN, ...\PP99R02A.DGN, ...\PP99R02A.DGN, ...\PP99R02A.DGN, BK
7-P2-2005 16:26:04 T:\DOCUMENTS\93750\STRUCTURE\DGN\PT3092.DGN BAILEYKAU
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61