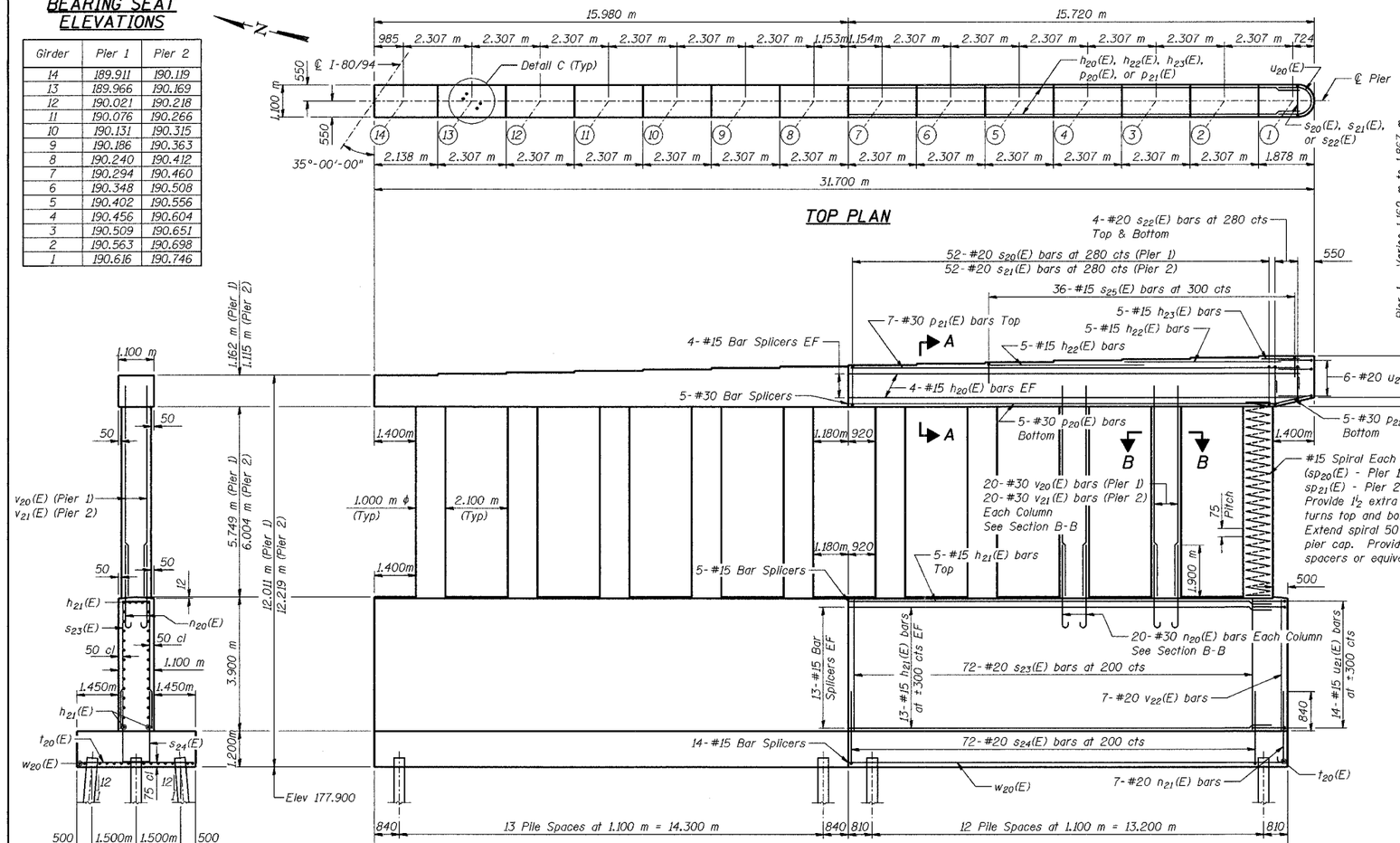
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80/94	2626.2-R-2	LAKE COUNTY, INDIANA	452	286
		ILLINOIS FED. AID PROJECT-		

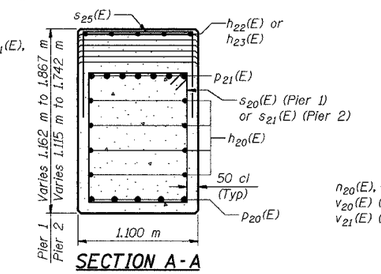
SHEET NO. S-54
72 SHEETS

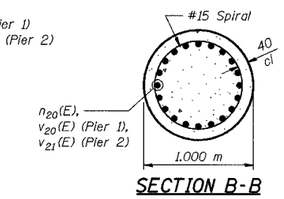
CONTRACT NO. 62113 INDOT DES. NO. 0100987

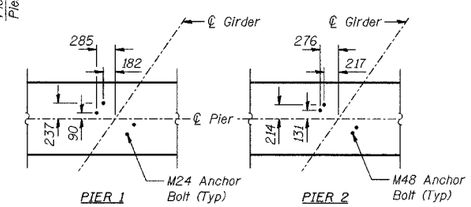
BEARING SEAT ELEVATIONS

Girder	Pier 1	Pier 2
14	189.911	190.119
13	189.966	190.169
12	190.021	190.218
11	190.076	190.266
10	190.131	190.315
9	190.186	190.363
8	190.240	190.412
7	190.294	190.460
6	190.348	190.508
5	190.402	190.556
4	190.456	190.604
3	190.509	190.651
2	190.563	190.698
1	190.616	190.746

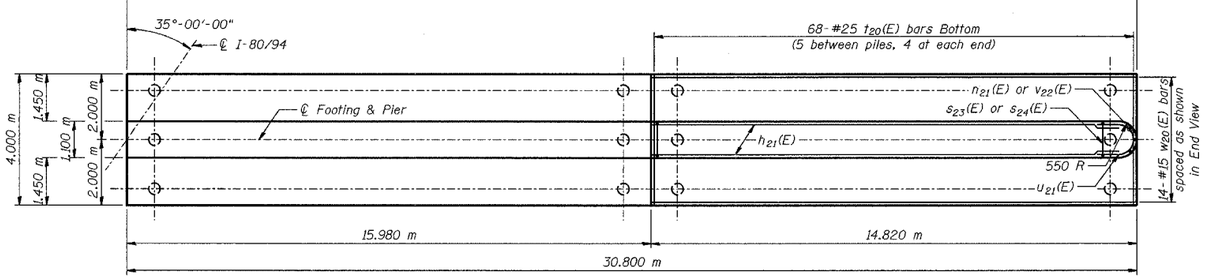








DETAIL C
ANCHOR BOLT LAYOUT



PILE DATA

Type - 356 ϕ Metal Shell
Capacity - 500 kN
Est Length - 16.9 m
No Reqd - 160 Total*
Test Piles - 1 per Pier

* Phase 2, Stage 2: 38 per Pier
Phase 3, Stage 2: 42 per Pier

DESIGNED	BHS
CHECKED	KFA
DRAWN	MJB
CHECKED	GSP

NOTES:

See Sheet No S-60 for Bill of Material.
Space reinforcement in cap to miss anchor bolts.
Pour steps monolithically with cap.
Reinforcement bars designated (E) shall be epoxy coated.
All dimensions are in millimeters (mm) except as noted.

LEGEND

EF - Each Face

MINIMUM BAR LAPS

#15 bars = 640
#20 bars = 790
#25 bars = 1320
#30 bars = 1850

PHASE 3 FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 80/94 (BORMAN EXPRESSWAY)
OVER LITTLE CALUMET RIVER & N.I.C.T.D. R.O.W.

PIERS 1 AND 2 – EASTBOUND
SECTION 2626.2-R-1
LAKE COUNTY, INDIANA
STATION 8+470.000
STRUCTURE NO. I-80-1-8460 (EB & WB)
DATE 07/04 **(016-I003 & 016-I004)**

AMERICAN CONSULTING ENGINEERS