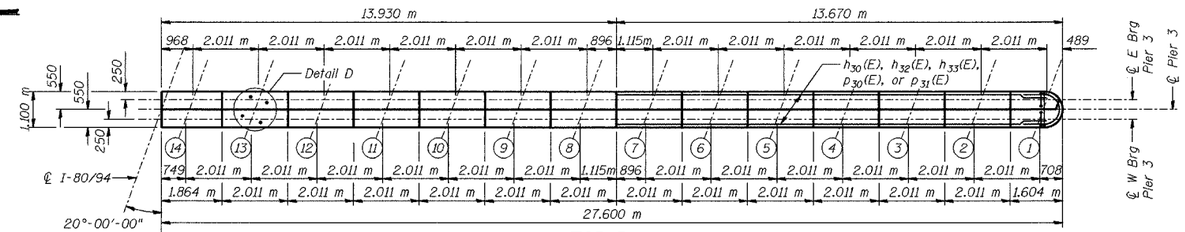
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80/94	2626.2-R-2	LAKE COUNTY, INDIANA	452	288
		ILLINOIS	FED. AID PROJECT-	

SHEET NO. S-56
72 SHEETS

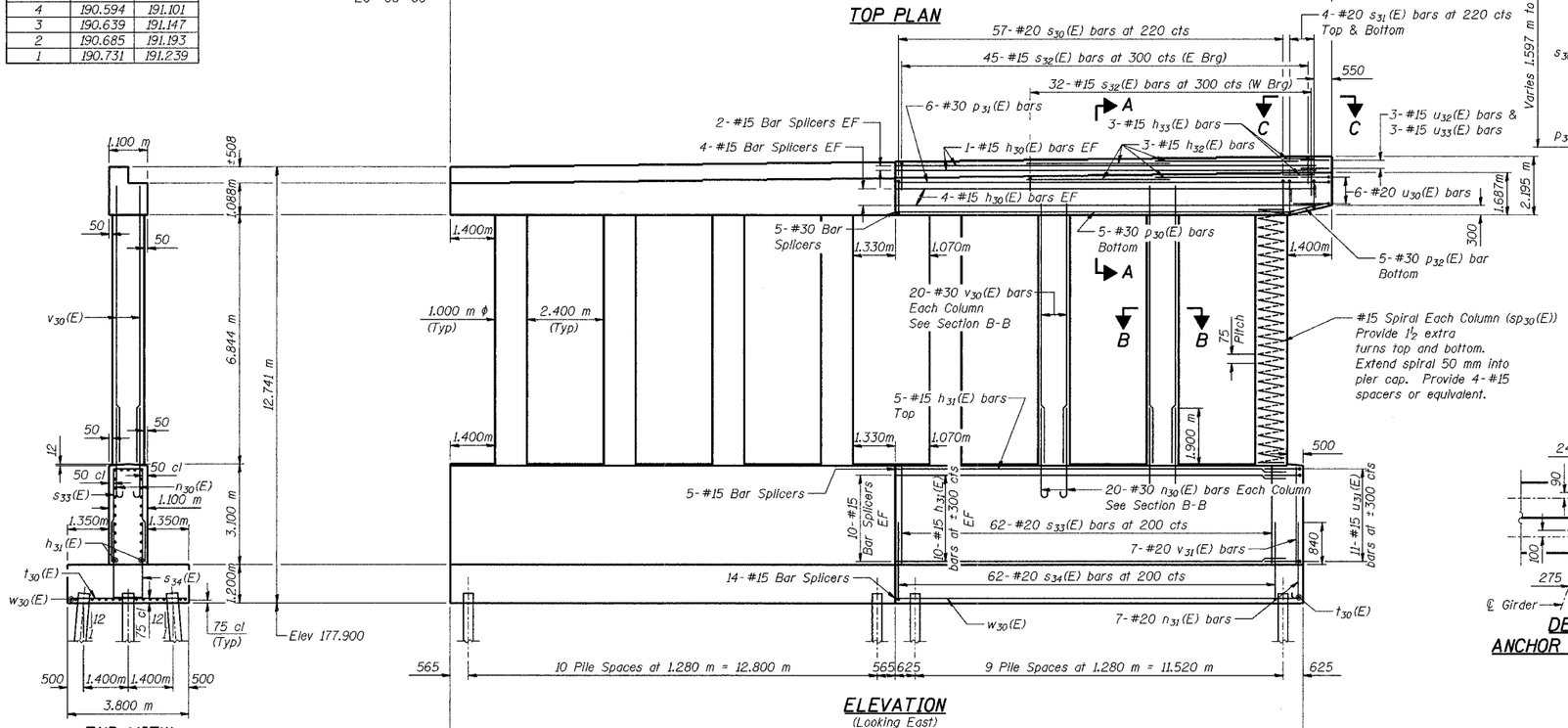
CONTRACT NO. 62113 INDOT DES. NO. 0100987

BEARING SEAT ELEVATIONS

Girder or Beam	Pier 3 - W Brg	Pier 3 - E Brg
14	190.132	190.641
13	190.179	190.687
12	190.225	190.733
11	190.271	190.779
10	190.317	190.825
9	190.364	190.871
8	190.410	190.918
7	190.456	190.964
6	190.502	191.010
5	190.548	191.055
4	190.594	191.101
3	190.639	191.147
2	190.685	191.193
1	190.731	191.239

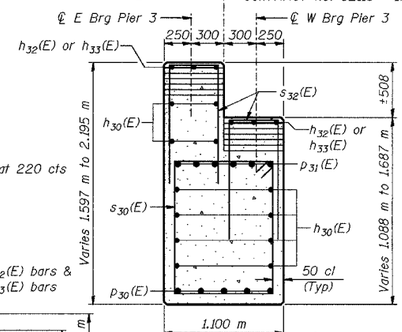


TOP PLAN

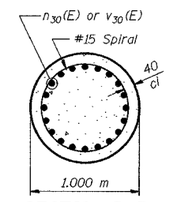


ELEVATION
(Looking East)

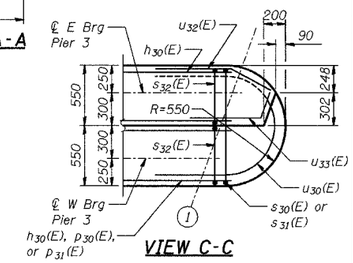
END VIEW



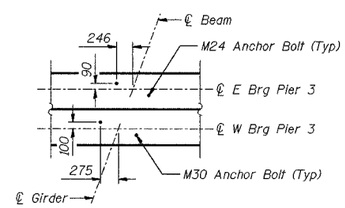
SECTION A-A



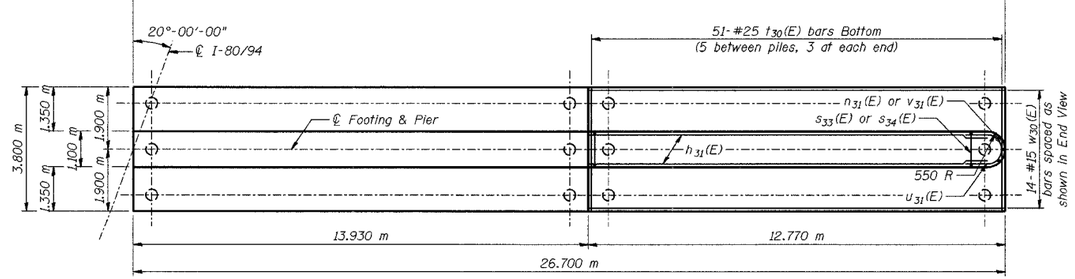
SECTION B-B



VIEW C-C



DETAIL D
ANCHOR BOLT LAYOUT



FOOTING PLAN

PILE DATA

Type - 356 ϕ Metal Shell
Capacity - 500 kN
Est Length - 13.4 m
No Reqd - 62 Total*
Test Piles - 1

* Phase 2, Stage 2: 29 for Pier 3
Phase 3, Stage 2: 33 for Pier 3

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.
Apply Surface Seal to top surface of bearing seat and vertical faces of steps.

LEGEND

EF - Each Face

MINIMUM BAR LAPS

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

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

PIER 3 – EASTBOUND
SECTION 2626.2–R–1
LAKE COUNTY, INDIANA
STATION 8+470.000
STRUCTURE NO. I–80–1–8460 (EB & WB)
(016–1003 & 016–1004)

DATE 07/04

AMERICAN CONSULTING ENGINEERS

PHASE 3 FOR INFORMATION ONLY