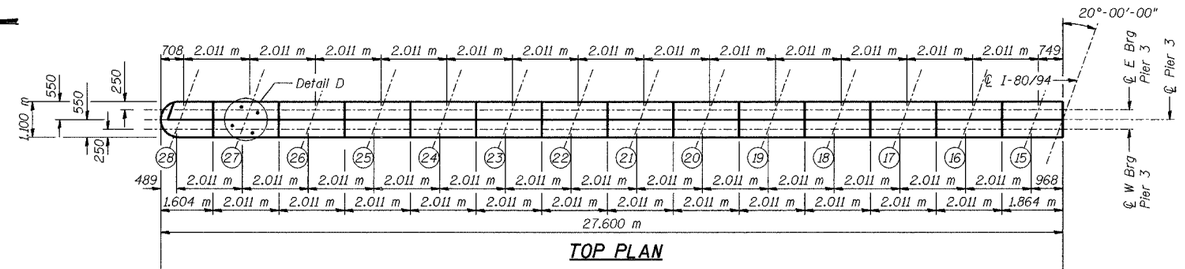
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80/94	2626.2-R-2	LAKE COUNTY, INDIANA	452	289
		ILLINOIS	FED. AID PROJECT-	

SHEET NO. S-57
72 SHEETS

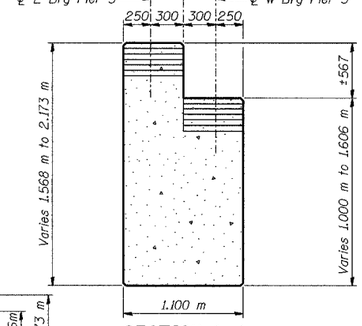
CONTRACT NO. 62113 INDOT DES. NO. 0100987

BEARING SEAT ELEVATIONS

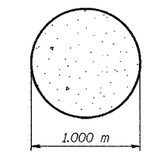
Girder or Beam	Pier 3 - W Brg	Pier 3 - E Brg
28	190.044	190.612
27	190.091	190.658
26	190.138	190.705
25	190.184	190.752
24	190.231	190.799
23	190.278	190.845
22	190.325	190.892
21	190.371	190.939
20	190.418	190.985
19	190.464	191.032
18	190.511	191.078
17	190.557	191.125
16	190.604	191.171
15	190.650	191.217



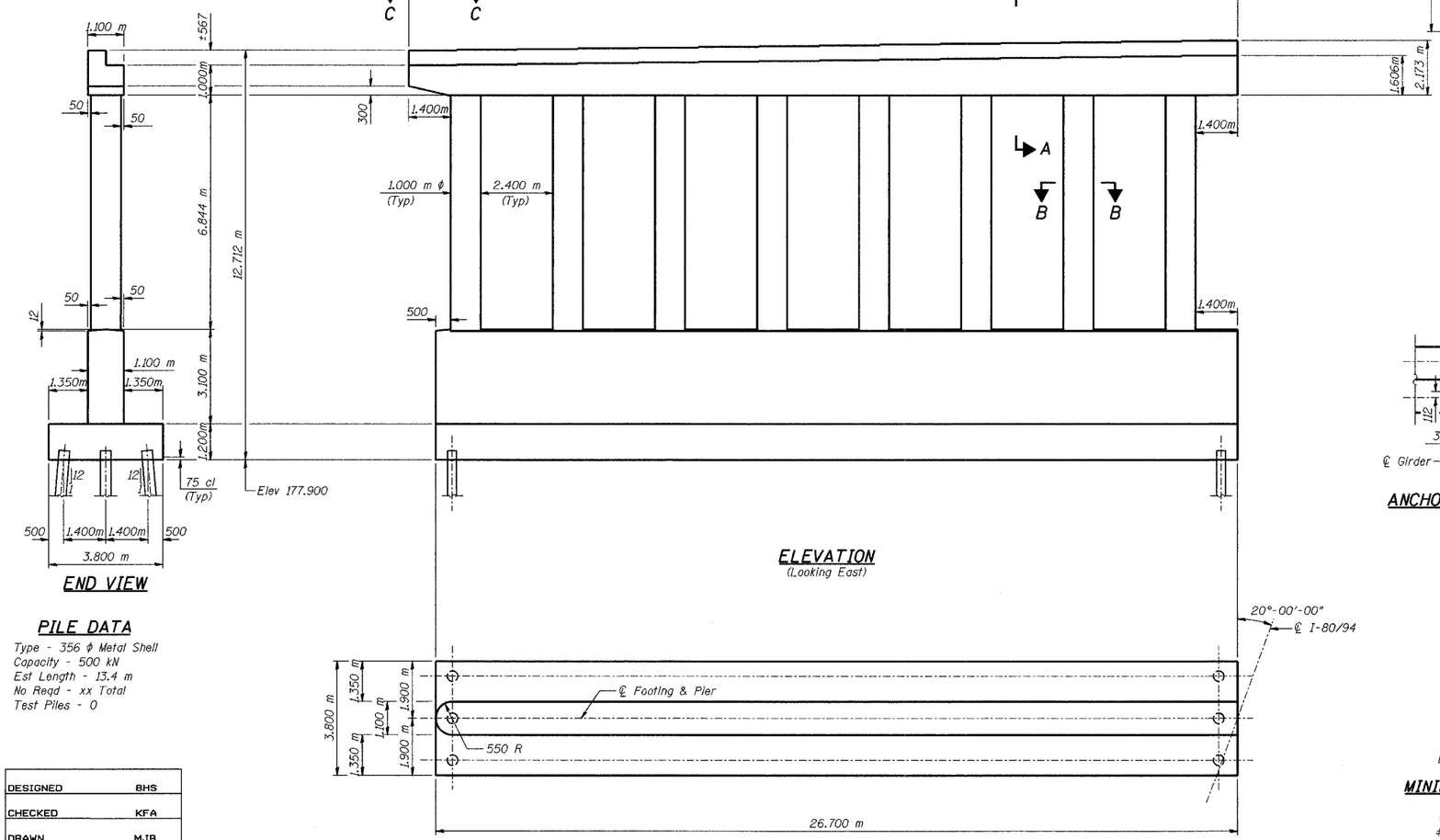
TOP PLAN



SECTION A-A



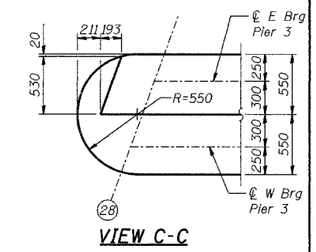
SECTION B-B



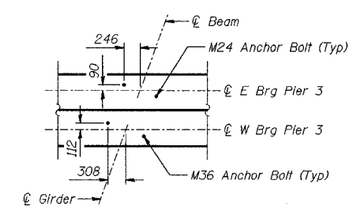
END VIEW

ELEVATION
(Looking East)

FOOTING PLAN



VIEW C-C



DETAIL D
ANCHOR BOLT LAYOUT

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.

Bars indicated thus 20 x 3-#15 etc. indicates 20 lines of bars with 3 lengths per line.

All dimensions are in millimeters (mm) except as noted.

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

PILE DATA

Type - 356 ϕ Metal Shell
Capacity - 500 kN
Est Length - 13.4 m
No Reqd - xx Total
Test Piles - 0

DESIGNED	BHS
CHECKED	KFA
DRAWN	MJB
CHECKED	GSP

LEGEND

EF - Each Face

MINIMUM BAR LAPS

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

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.

PIER 3 – WESTBOUND
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