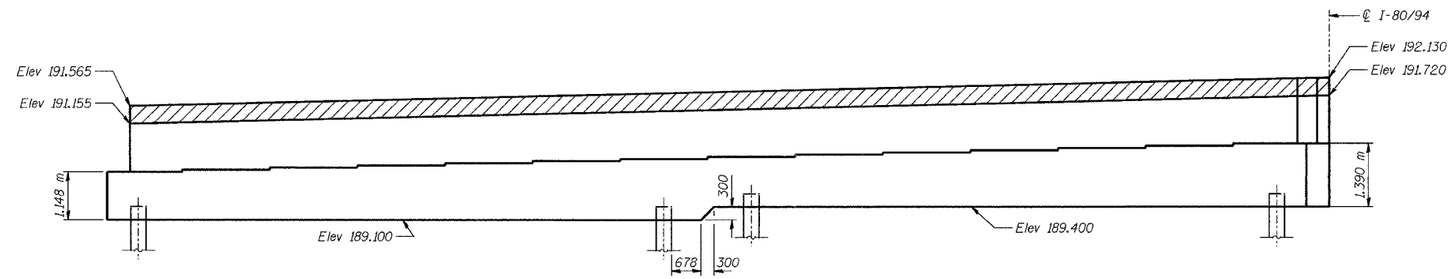
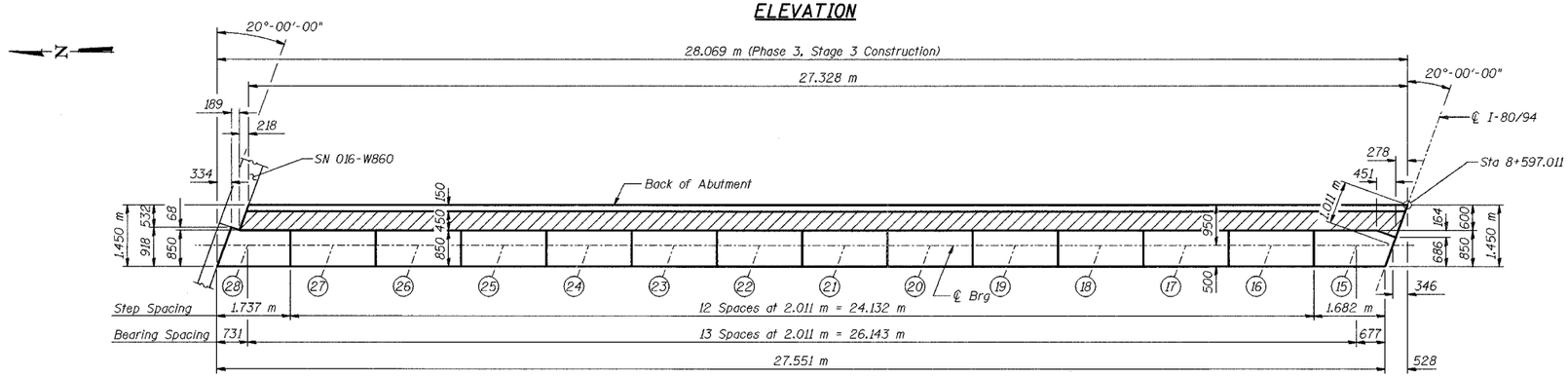
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80/94	2626.2-R-2	LAKE COUNTY, INDIANA	452	284
		ILLINOIS	FED. AID PROJECT-	

SHEET NO. S-52
72 SHEETS

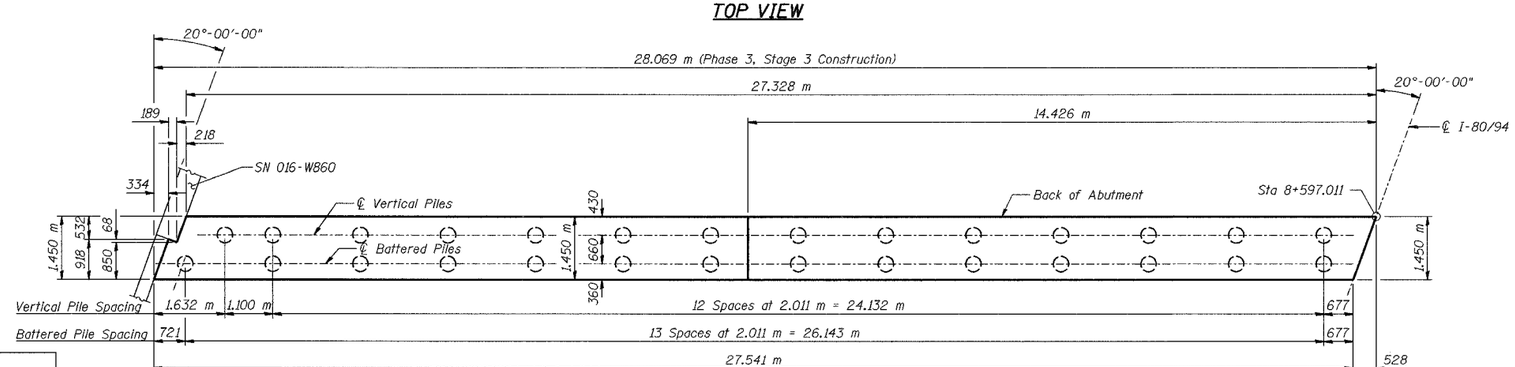
CONTRACT NO. 62113 INDOT DES. NO. 0100987



ELEVATION



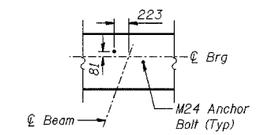
TOP VIEW



PLAN-PILE CAP

BEARING SEAT ELEVATIONS

Beam	Seat Elevation
28	190.248
27	190.290
26	190.332
25	190.374
24	190.416
23	190.458
22	190.499
21	190.541
20	190.583
19	190.624
18	190.666
17	190.707
16	190.749
15	190.790



ANCHOR BOLT LAYOUT

LEGEND

EF - Each Face
BF - Back Face

MINIMUM BAR LAPS

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

NOTES:

See Sheet No S-53 for abutment details and Bill of Material.

Space reinforcement in cap to miss anchor bolts.

Pour steps monolithically with cap.

Hatched area to be poured after superstructure forms have been removed. Quantity of concrete included with Concrete, C, Superstructure.

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.

All edges shall have standard 20 mm chamfers except as noted.

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

DESIGNED	BHS
CHECKED	KFA
DRAWN	MJB
CHECKED	GSP

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

EAST ABUTMENT – WESTBOUND
SECTION 2626.2-R-1
LAKE COUNTY, INDIANA
STATION 8+470.000
STRUCTURE NO. I-80-1-8460 (EB & WB)
(016-I003 & 016-I004)

DATE 07/04

AMERICAN CONSULTING ENGINEERS

FOR INFORMATION ONLY