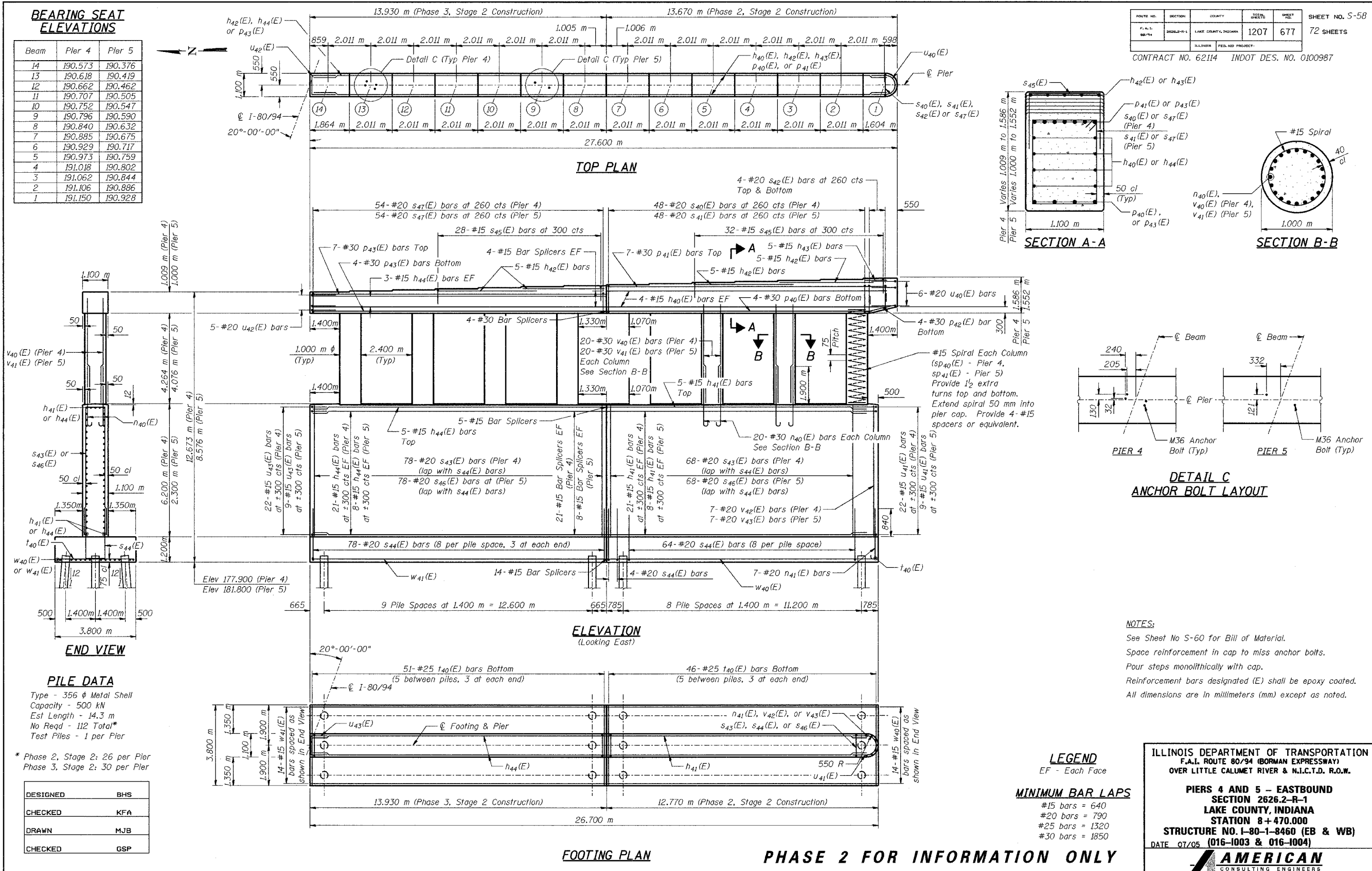


**BEARING SEAT ELEVATIONS**

Beam	Pier 4	Pier 5
14	190.573	190.376
13	190.618	190.419
12	190.662	190.462
11	190.707	190.505
10	190.752	190.547
9	190.796	190.590
8	190.840	190.632
7	190.885	190.675
6	190.929	190.717
5	190.973	190.759
4	191.018	190.802
3	191.062	190.844
2	191.106	190.886
1	191.150	190.928

ROUTE NO.	SECTION	COUNTY	SHEETS	SHEET	SHEET NO. S-58
F.A.L. 88/94	2626.2-R-1	LAKE COUNTY, INDIANA	1207	677	72 SHEETS
CONTRACT NO. 62114					INDOT DES. NO. 0100987



**PILE DATA**  
 Type - 356  $\phi$  Metal Shell  
 Capacity - 500 kN  
 Est Length - 14.3 m  
 No Req - 112 Total\*  
 Test Piles - 1 per Pier

\* Phase 2, Stage 2: 26 per Pier  
 Phase 3, Stage 2: 30 per Pier

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

**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.

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

**PIERS 4 AND 5 - EASTBOUND**  
**SECTION 2626.2-R-1**  
**LAKE COUNTY, INDIANA**  
**STATION 8+470.000**  
**STRUCTURE NO. I-80-1-8460 (EB & WB)**  
 DATE 07/05 (016-1003 & 016-1004)

**AMERICAN**  
 CONSULTING ENGINEERS

**PHASE 2 FOR INFORMATION ONLY**