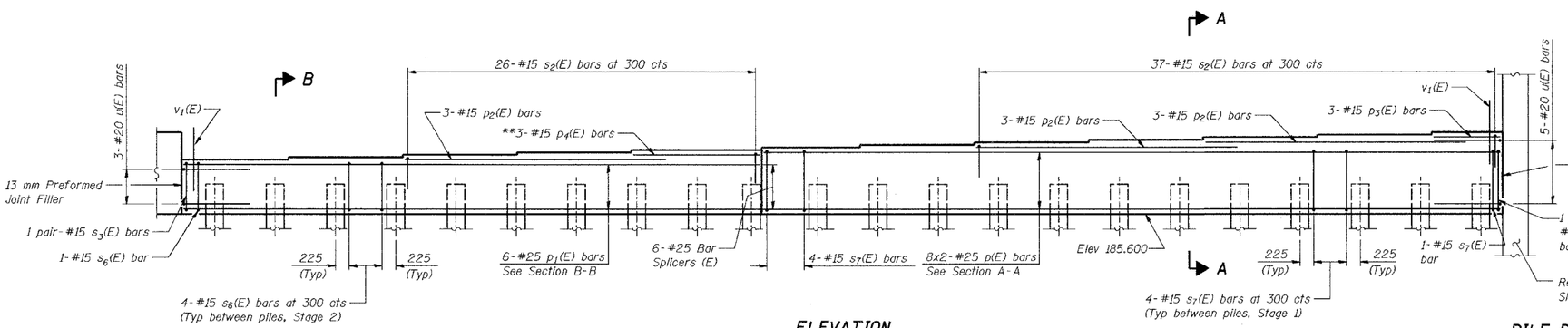
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80/94	2626.2-R-2	LAKE COUNTY, INDIANA	1207	711
		FED. AID PROJECT-		

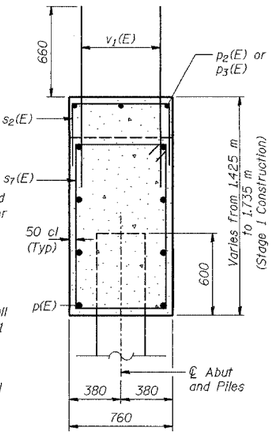
SHEET NO. S-20
28 SHEETS

CONTRACT NO. 62114 INDOT DES. NO. 0100987

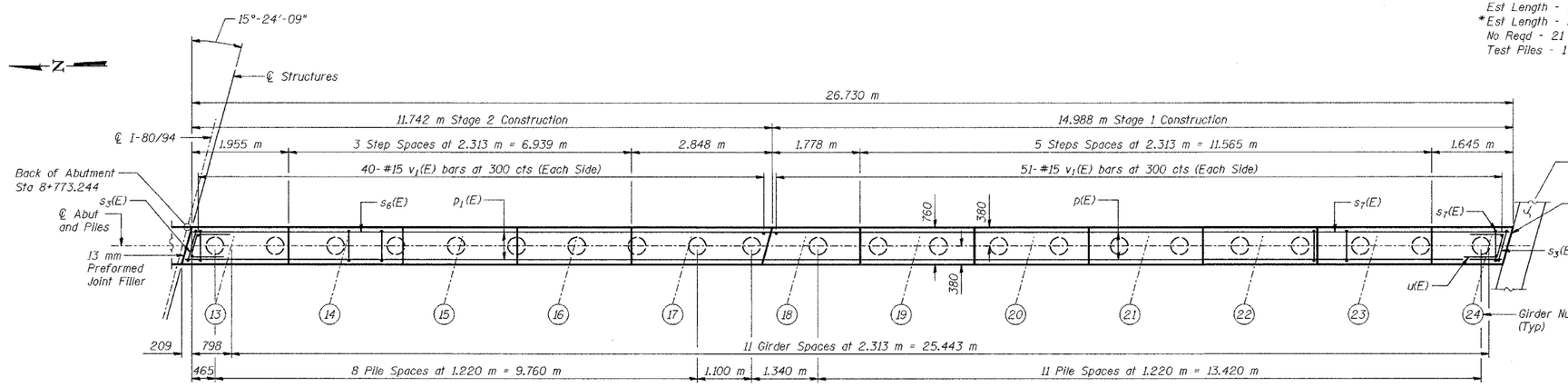


ELEVATION
(Looking East)

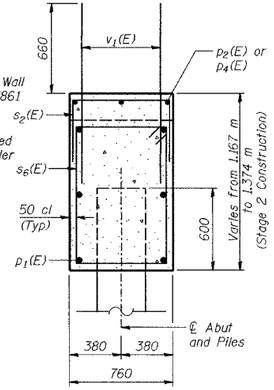
PILE DATA
Type - 356 ϕ Metal Shell
Capacity - 500 kN
Est Length - 16.9 m
*Est Length - 20.0 m
No Reqd - 21
Test Piles - 1



SECTION A-A



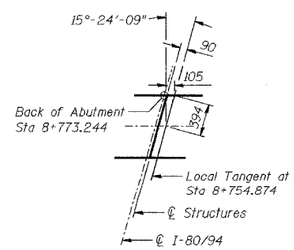
PLAN



SECTION B-B

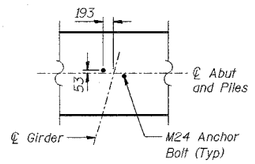
BEARING SEAT ELEVATIONS

Girder	℄ Brg E Abut
13	186.767
14	186.819
15	186.870
16	186.922
17	186.974
18	187.025
19	187.077
20	187.128
21	187.180
22	187.232
23	187.283
24	187.335



OFFSET SKETCH

MINIMUM BAR LAPS
#15 bars = 640
#20 bars = 790
#25 bars = 1320



ANCHOR BOLT LAYOUT

NOTES:
See Sheet No S-22 for reinforcement details and Bill of Material.
See Sheet No S-24 for concrete pile details.
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.
All edges shall have standard 20 mm chamfers except as noted.
Cost of 13 mm Preformed Joint Filler included with Concrete, A, Substructure.
* For the 3 southernmost piles, which are outside the Limits of Existing Structure.
** Cut bars to fit in field.

DESIGNED	BHS
CHECKED	KFA
DRAWN	MJB
CHECKED	GSP

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 80/94 (BORMAN EXPRESSWAY)
OVER HARRISON AVENUE

EAST ABUTMENT – EASTBOUND
SECTION 2626.2-R-2
LAKE COUNTY, INDIANA
STATION 8+754.874
STRUCTURE NO. I-80-1-8461 (EB & WB)
DATE 09/05 **(016-1005 & 016-1006)**

AMERICAN CONSULTING ENGINEERS