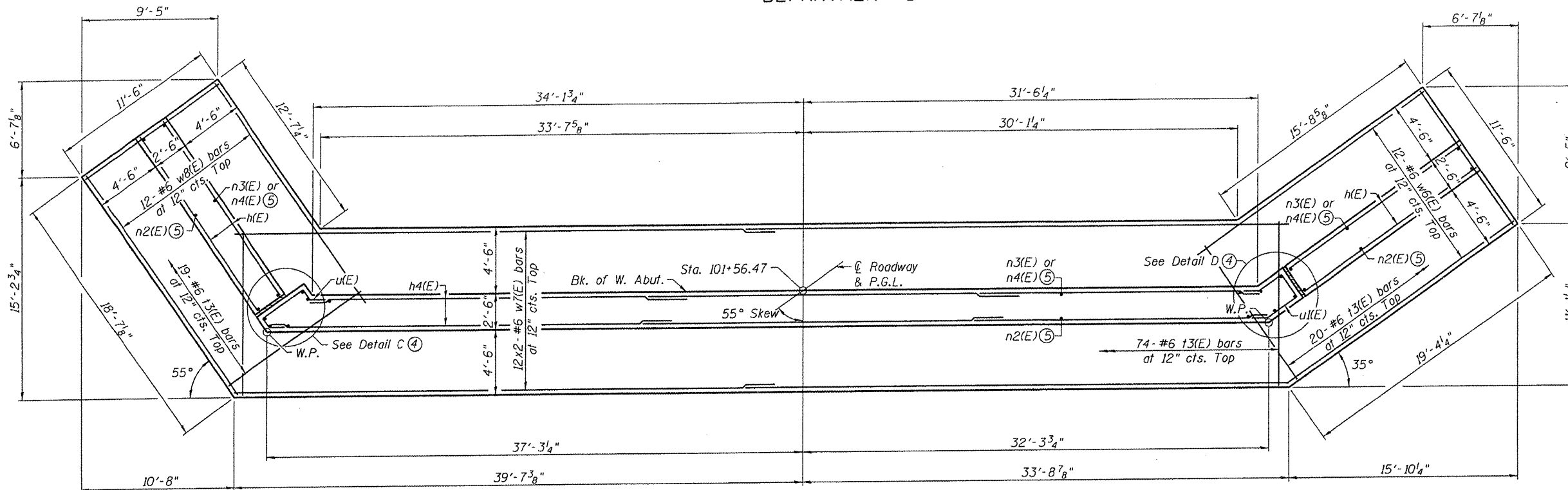
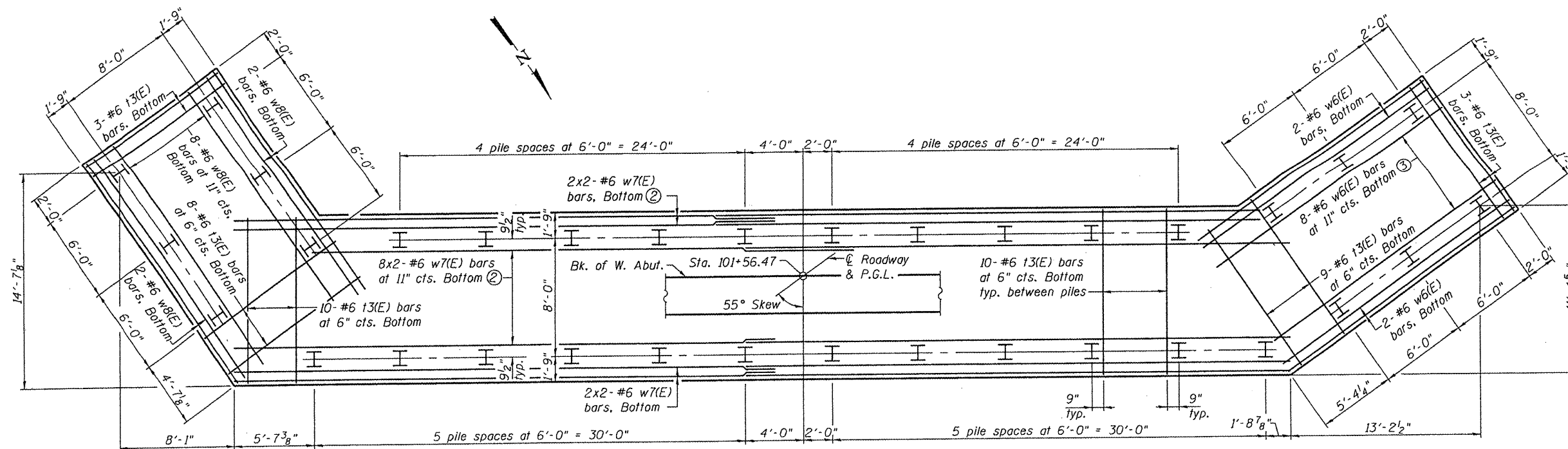


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



FOOTING PLAN
(Piles not shown for clarity)



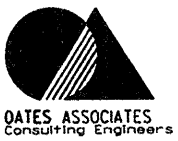
PILE LAYOUT
(Walls not shown for clarity)

PILE DATA

Type: HP14x73 with Pile Shoes
Nominal Required Bearing: 578 Kip
Allowable Resistance Available: 192 Kip
Est. Length: 14' (Embed 3 feet into shale
as directed by the Engineer)
No. Test Piles: 1
No. Production Piles: 33

- Notes:
- ① Minimum bar lap: #6 bars = 2'-10"
 - ② Vary bar lap where required to avoid conflict with piles.
 - ③ Cut bars where required to avoid conflict with piles.
 - ④ For Bar List, Bill of Materials, Detail C, Detail D, pile details, and reinforcement details, see sheet 23 of 31.
 - ⑤ Bars n2(E), n3(E), and n4(E) shall be cast with footing. Bars billed in Unfolded Elevation View of abutment for clarity.
 - ⑥ Bars indicated thus 12x2-#6 etc. indicates 12 lines of bars with 2 lengths.

**WEST ABUTMENT
STRUCTURE NO. 082-6113**

SHEET NO. 20	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	9274	04-00202-00-BR	ST. CLAIR	55	37
31 SHEETS	CONTRACT NO. 97369				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					
 Eastport Business Center 1 100 Lanter Court, Suite 1 Collinsville, Illinois 62234 618-345-2200 Design Firm License No. 184.001115				DESIGNED DGL CHECKED JAD DRAWN JAD CHECKED DGL	