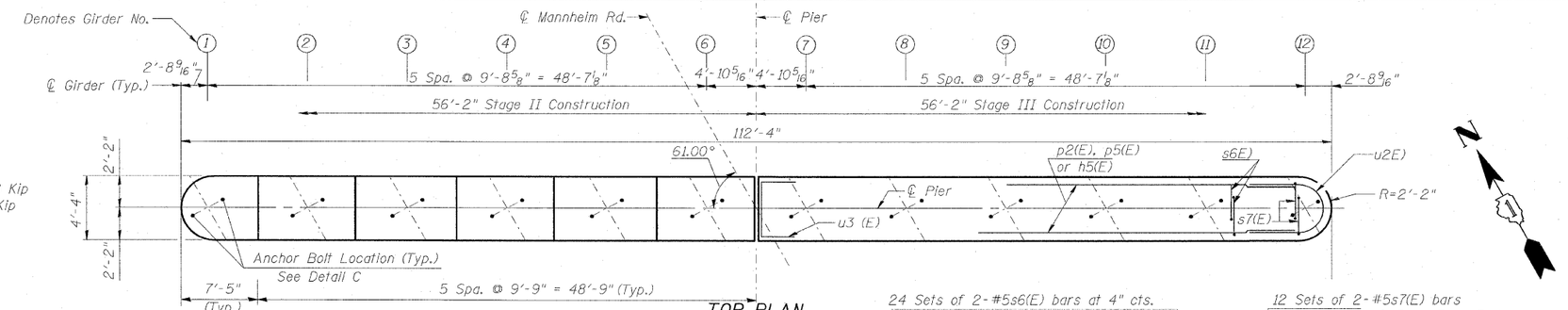
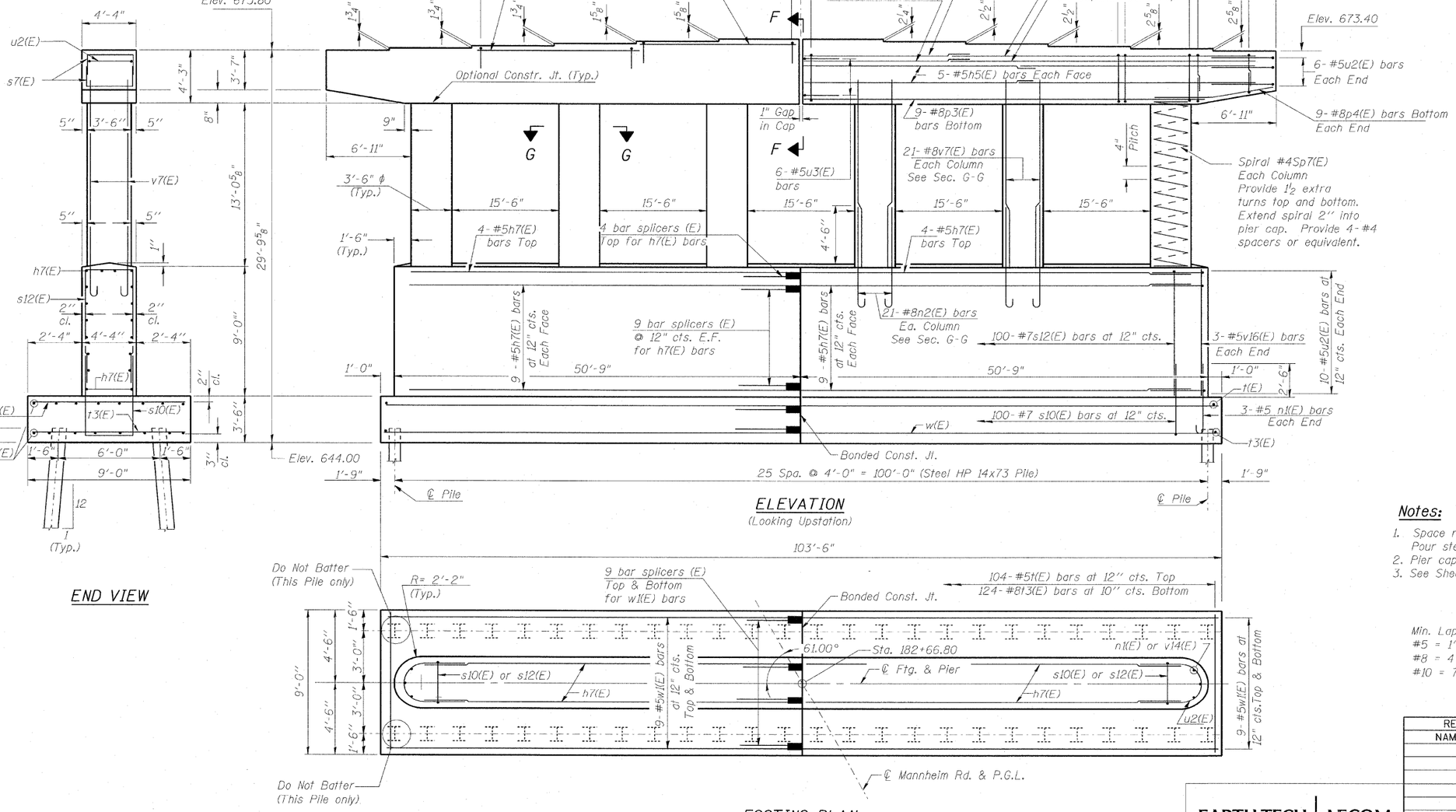
F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	465 VB-R-1	COOK	103	71
STA. 173+50	TO	STA. 195+00		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

Contract # 60407 SHEET NO. S38 of S60

PILE DATA

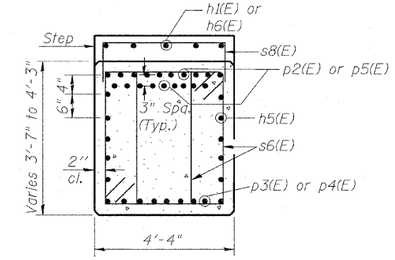
Type: HP 14x73
Nominal Req'd Bearing: 578 Kip
Allowable Resistance: 192 Kip
Est. Length: 50'
No. Production Piles: 51
No.Test Piles: 1.



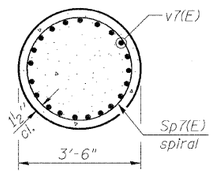


END VIEW

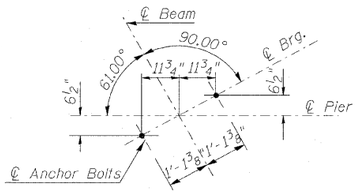
FOOTING PLAN



SEC. F-F



SEC. G-G



DETAIL "C"
BEARING ANCHOR BOLTS LOCATION

Notes:

1. Space reinforcement in cap to miss anchor bolts. Pour steps monolithically with cap.
2. Pier cap reinforcement is the same on both sides of 1" gap.
3. See Sheet S42 for bill of material & Sheet S43 for details.

Min. Lap Splice
#5 = 1'-8"
#8 = 4'-6"
#10 = 7'-3"

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PIER 7

FAP 330 US 12/45 (MANNHEIM RD.) OVER SOO LINE RR & FRANKLIN AVE.
STRUCTURE NO. 016-2815
SECTION 465 VB-R-1 COOK COUNTY
STA. 183+33.30 DRAWN BY JHR
DATE 7/2009 CHECKED BY OPY

EARTH TECH | AECOM

9/23/2009 38pierdt_7_Er09.dgn