

1. Space reinforcement in cap to miss anchor bolts.
2. Pour steps monolithically with cap.
3. For Concrete Encasement details, see sheet 21 of 22.

Technical drawing of a pile cap cross-section and plan view. The cross-section (top) shows a rectangular pile cap with a total width of 2'-6" and a total height of 2'-6". It features a top reinforcement layer with 3-#5 s₆(E) bars at 12" cts. and a bottom reinforcement layer with 3-#5 s₅(E) bars at 12" cts. The plan view (bottom) shows a rectangular pile cap with a total width of 3'-1" and a total height of 3'-1". It features a top reinforcement layer with 3-#5 s₅(E) bars at 12" cts. and a bottom reinforcement layer with 3-#5 s₅(E) bars at 12" cts. The drawing includes detailed annotations for bar counts, spacing, and elevations.

ELEVATION
(Looking North)

52'-2"

22'-10½"

28'-3½"

Stage II Construction

Stage I Construction

Stage Const. Joint

21° Skew

⊗ Roadway & ⊗ Structure

h₂(E) v₄(E) 7'-4 5/8"

h₁(E) v₄(E) u₄(E)

⊗ Pier & Piles

v₄(E)

4'-5½"

3'-2½"

R = 1'-0"

2'-0"

1'-0"

1'-0"

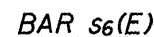
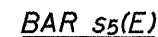
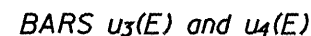
⊗ IL Rte. 8

Sta. 381+34.25

SECTION A-A



Consulting Engineer
Chattanooga, Tennessee


$$BAR \ s_7(E)$$

PILE DATA
Type: Steel HP 12x53
Nominal Required Bearing: 419 kips
Factored Resistance Available: 210 kips
Est. Length: 61 Ft.
No. Production Piles: 8

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Nominal Required Bearing: 419 kips
Factored Resistance Available: 210 kips
Est. Length: 61 Ft.
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Lin Engineering, Ltd.
Consulting Engineers
Chatham, Illinois

Designed By: TBP	Checked By: KHM	Drawn By:
Date: 05/20/90	File: 072-0027.dwg	

22 SHEETS

1

6658

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ZC-15D-BR)

PEORIA

CONTRACT

49

NO. 6

CONTRACT NO. 68478

FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT
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