



- NOTES**
1. Reinforcement bars designated (E) shall be epoxy coated.
 2. Bars equally spaced, unless otherwise noted.
 3. Apply concrete sealer to all exposed concrete surfaces of the pier.
 4. All edges shall have standard $\frac{3}{4}$ " chamfer.
 5. See Sheet S1-41 for Bill of Material, Section A-A, B-B, C-C, D-D, E-E & F-F, and Drilled Shaft details.
 6. Pour steps monolithically with cap.
 7. Space reinforcement in cap to miss anchor bolts.
 8. The quantities and reinforcement detailing are based on the top of shaft and the estimated elevations shown and may change based on the actual elevations encountered at each shaft and the final top of shaft elevation.
 9. Contractor is responsible for determining the casing thickness and the actual tip elevation to be used. See Article 516.06 (d) of the Standard Specifications. Pay limits for the Permanent Casing shall be based on the minimum length shown.
 10. For Bearing orientation layout plan, see Sheet S1-25.

Minimum Bar Laps	
Bar	Lap
#4	2'-7"
#5	3'-3"
#6	3'-10"
#7	5'-2"
#8	6'-9"
#9	8'-7"

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIER 2 PLAN AND ELEVATION
STRUCTURE NO. 016-1709

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	184
CONTRACT NO. 60W25			ILLINOIS FED. AID PROJECT	

HBM
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INSPECTION & RATING
RESEARCH & TESTING

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0161709-60W25-S40-Pier2.dgn
USER NAME = will.mar-douss
PLOT SCALE = 3/8" = 1' / in.
PLOT DATE = 6/14/2013

DESIGNED - MI, MAF
DRAWN - LAB, MAF
CHECKED - MAI, MI, MWM
DATE - 6/17/2013

REVISIED -
REVISIED -
REVISIED -
REVISIED -

SCALE: SHEET S1-40 OF 51 SHEETS STA. TO STA.