



**PILE DATA**

Type: HP 12x53  
 Nominal Required Bearing: 349k  
 Factored Resistance Available: 192k  
 Est. Length: 45 ft.  
 No. Production Piles: 19

**Notes:**  
 Pour steps monolithically with cap.  
 See sheet 24 of 35 for Section Thru Abutment.  
 See sheet 28 of 35 for pile details and encasement details.  
 Space reinforcement in cap to miss anchor bolts.  
 See sheet 24 of 35 for bill of material and reinforcement bar details.  
 See sheet 24 of 35 for Anchor Bolt Details.

**Hutchison Engineering, Inc.**  
 Jacksonville & Shorewood, Illinois

USER NAME = tcopy	DESIGNED - BAN	REVISED -
PLOT SCALE = NONE	CHECKED - JOH	REVISED -
PLOT DATE = 8/22/2011	DRAWN - TAC	REVISED -
	CHECKED - BAN	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**WEST ABUTMENT**  
**STRUCTURE NO. 055-0063**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	55-3HB	McDonough	103	54
CONTRACT NO. 68A40				
ILLINOIS FED. AID PROJECT				

SHEET NO. 23 OF 35 SHEETS

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