



**FOOTING LAYOUT**

- ⌈ Indicates vertical pile
- ⌈ Indicates battered pile 12:2 (V:H)
- Indicates concrete encasement

- NOTES:**
1. For abutment details, see sheets S27 thru S30.
  2. For pier details, see sheets S31 and S32.
  3. For HP Pile Details, see sheet S35.
  4. There will be one test pile at each substructure unit during Stage I. Location to be determined in the field by the Engineer.
  5. For Concrete Encasement details, see sheet S35.

**benesch**  
engineers · scientists · planners

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205 North Michigan Avenue, Suite 2400  
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312-565-0450 Job No. 10055.02

FILE NAME =	USER NAME = eship	DESIGNED - MJF/MFB	REVISED -
0166953_003_Foundation.dgn		CHECKED - EFS	REVISED -
	PLOT SCALE =	DRAWN - RMG	REVISED -
	PLOT DATE = 2/19/2013	CHECKED - EFS	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**FOOTING LAYOUT**  
**STRUCTURE NO. 016-6953 BRIDGE ST. OVER THE NORTH SHORE CHANNEL**  
SHEET NO. S3 OF S50 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00251-00-BR	COOK	118	56
CONTRACT NO. 63817			ILLINOIS FED. AID PROJECT	

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