



**BILL OF MATERIAL - PIER 2**

BAR	NO.	SIZE	LENGTH	SHAPE
n <sub>1</sub>	31	#4	4'-5"	□
p	2	#6	31'-2"	—
p <sub>1</sub>	9	#8	31'-2"	—
s <sub>1</sub>	30	#5	10'-7"	□
u <sub>1</sub>	8	#6	12'-7"	—
Concrete Structures			Cu. Yd.	10.2
Stud Shear Connectors			Each	20
Reinforcement Bars			Pound	1,420
Steel Piles HP14x73			Foot	280
Test Pile Steel HP14x73			Each	1
Concrete Encasement			Cu. Yd.	14.4

**PILE DATA**

Type \_\_\_\_\_ Steel Pile HP14x73  
 No. Req'd. \_\_\_\_\_ 5  
 Capacity \_\_\_\_\_ Drive to Refusal  
 Estimated Lengths \_\_\_\_\_ 70 Feet/Pile

\* Includes one Test Pile Steel HP14x73 to be driven in a permanent location at Pier 2.

<p><b>HAMPTON, LENZINI &amp; RENWICK, INC.</b> CIVIL &amp; STRUCTURAL ENGINEERS</p> <p>3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 (217) 546-3400</p>	<p><b>PIER 2</b></p> <p>SECTION 04-02119-00-BR</p> <p>CARBONDALE ROAD DISTRICT</p> <p>JACKSON COUNTY</p> <p>STATION 9+96 / STRUCTURE NO. 039-3255</p>	
	<p>ELGIN • SPRINGFIELD</p> <p>PROJECT NUMBER: 18-47-0017-1 DATE: 05/15/06          DESIGNED: S.M.S. CHECKED: S.W.M. DRAWN: D.T.M.</p>	