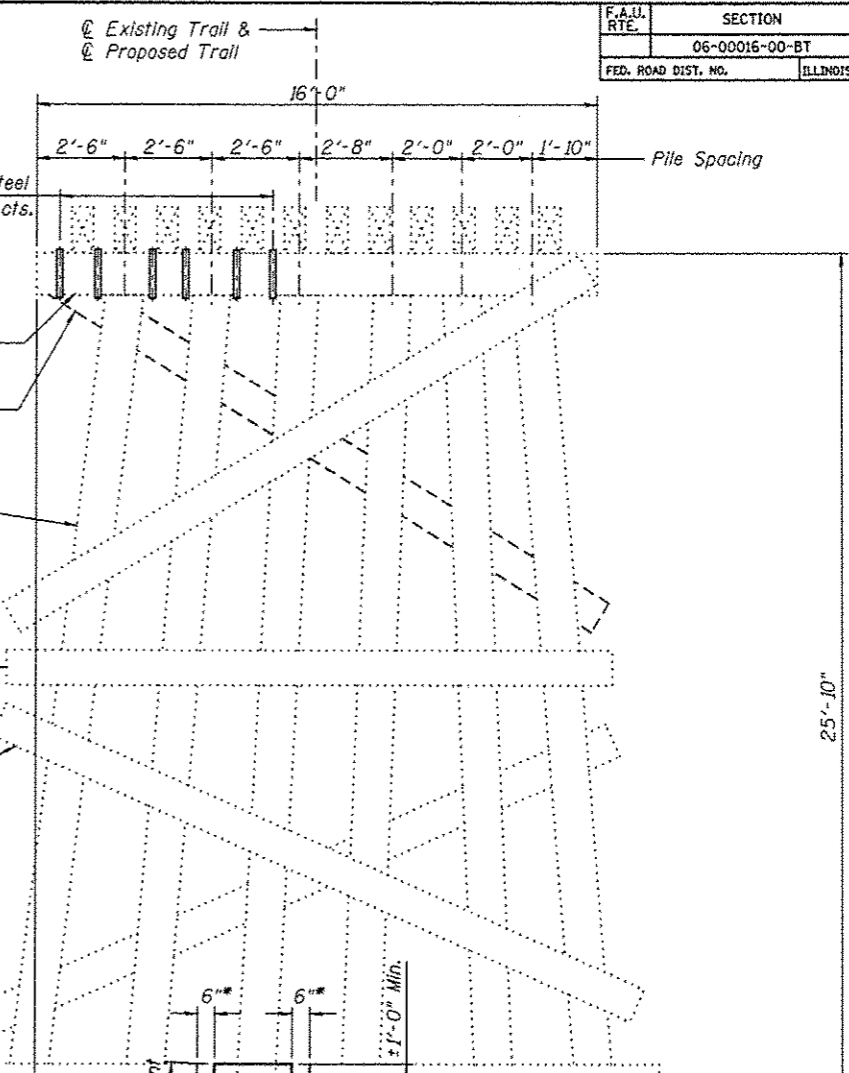


**PIER 2**  
(Looking East)

\*\* The existing timber bracing shall be reinstalled after the installation of the Stainless Steel Bands. Existing bolts, nuts, and washers to be removed, cleaned and reinstalled. Cost of removing and relocating the existing timber bracing shall be included with Concrete Encasement.



**PIER 3**  
(Looking East)

**PIER 2**  
BILL OF MATERIAL

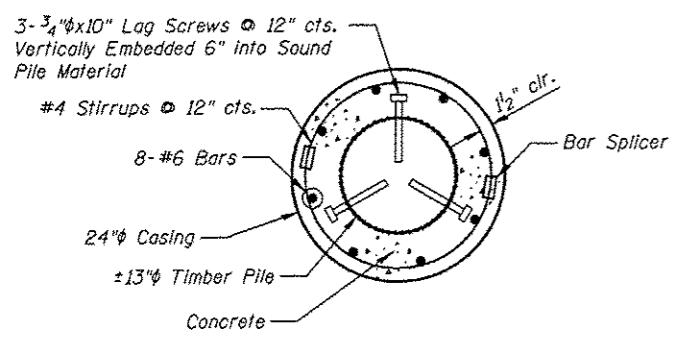
Item	Unit	Quantity
Treated Timber	F.B.M.	50

**PIER 3**  
BILL OF MATERIAL

Item	Unit	Quantity
Concrete Encasement	Cu Yd	0.5
Stainless Steel Bands	Foot	28

For estimated quantities, see Special Provisions.

Remove damaged timber member. Replace with New 3"x10" Diagonal Timber Bracing. Field drill holes in New Timber Bracing to match hole locations in Existing Timber Piles. Existing bolts, nuts, and washers to be removed, stored, cleaned and reinstalled.



**SECTION A-A**

Payment for furnishing all material, labor and excavation necessary to construct the Concrete Encasement, including the casing, lag screws, concrete, reinforcement bars, bar splicers, partial removal of timber bracing, removal of deteriorated timber and all other appurtenances and incidental work as shown on this sheet, complete in place, will be considered completely covered by the contract unit price per cubic yard for Concrete Encasement.

**CONCRETE ENCASEMENT DETAILS**

Notes:

All dimensions are approximate.

All new timber members shown shall be included in the pay item Treated Timber.

The stainless steel bands shall be stainless steel with a minimum width of 3/4" and a minimum thickness of 0.030" and shall be installed per the manufacturer's recommendation. Product data shall be submitted to the Engineer for approval prior to installation.

Concrete Encasement shall extend above and below the damaged area of the pile a minimum of 1'-0".

\* Existing timber bracing that interferes with the Concrete Encasement shall be removed a max distance of 6" beyond the face of the pile encasement. Cost included with Concrete Encasement.

Legend  
Area of Deterioration

<p>Juneau Associates, Inc. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS 2100 State Street, P.O. Box 1325 Madison, WI 53703 Phone: (608) 261-1100 Fax: (608) 261-0911</p>		<p>GLEN CARBON HERITAGE BIKE TRAIL OVER AN UNNAMED CREEK MADISON COUNTY STATION 387+75.21 STRUCTURE NO. 11</p>									
<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>REMARKS</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		NO.	DATE	BY	REMARKS					<p>SCALE: NOT TO SCALE, FOLLOW DIMENSIONS</p>	
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<p>DGN NAME:</p>		<p>DSN BY: DB</p>	<p>DATE: 10/18/12</p>								
<p>NO. DATE BY REMARKS</p>		<p>DWN BY: EER</p>	<p>DATE: 10/18/12</p>								
<p> </p>		<p>CHK'D: WWH</p>	<p>DATE: 10/18/12</p>								
<p> </p>		<p>JOB NO. E064403</p>	<p>DGN. NO.</p>								
<p> </p>		<p>SHEET</p>	<p>234</p>								
<p> </p>		<p>OF 819 SHTS</p>	<p> </p>								

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