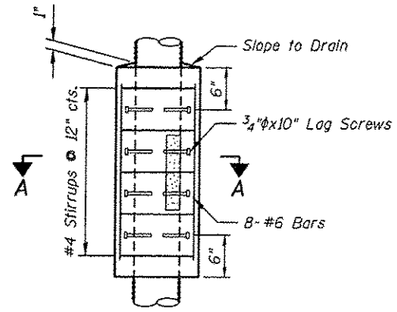
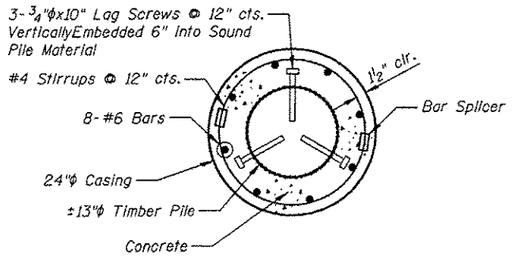
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00016-00-BT	MADISON	310	167
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 97433		

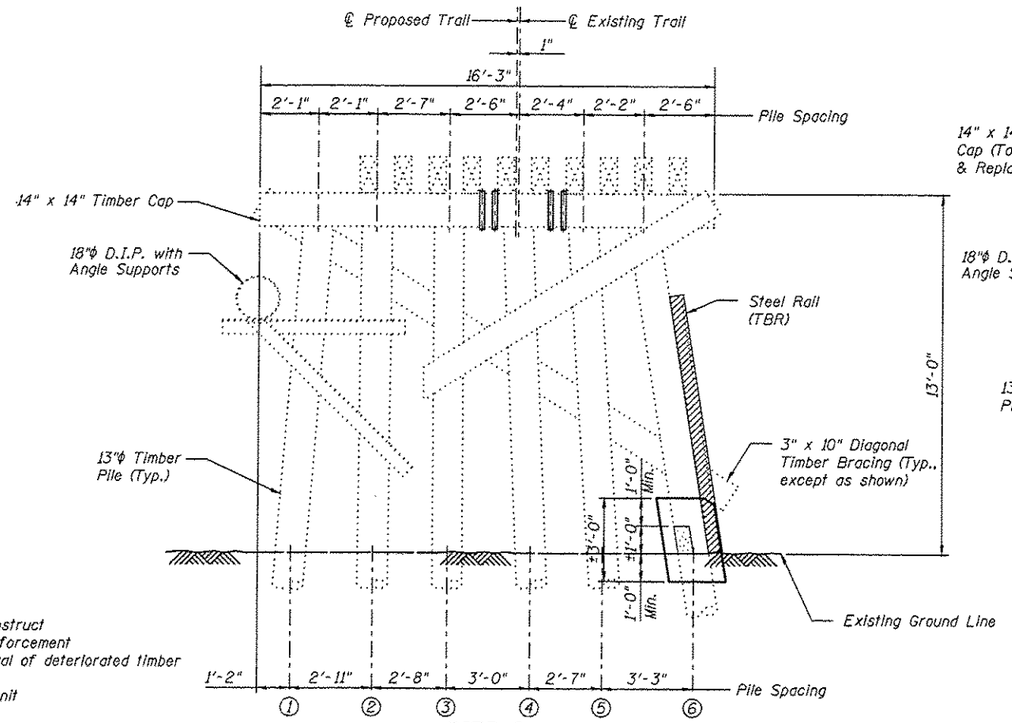




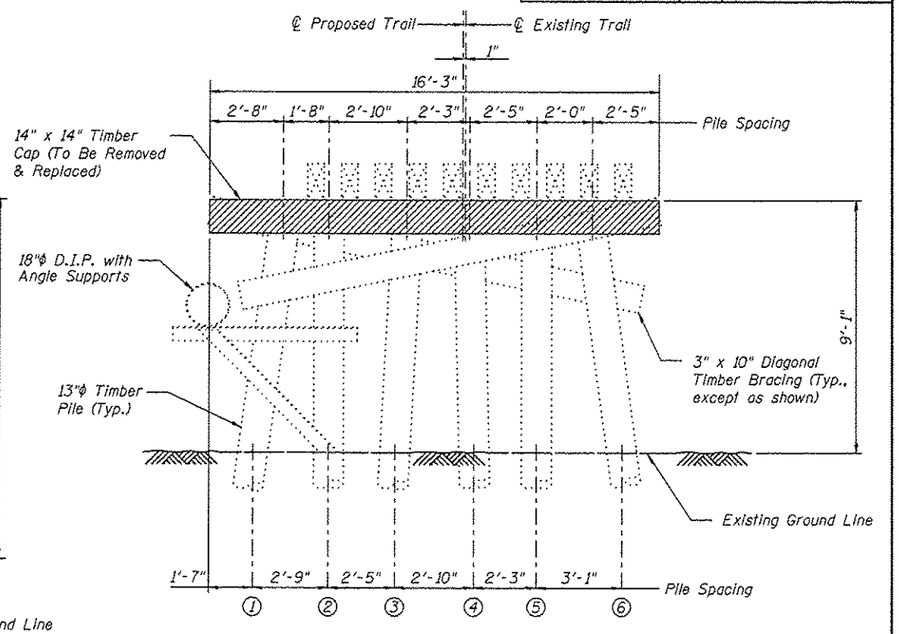
SECTION A-A

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 bracing, removal of steel rail, 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



PIER 6
(Looking East)



PIER 7
(Looking East)

PIER 6 BILL OF MATERIAL

Item	Unit	Quantity
Stainless Steel Bands	Lin Ft	19
Concrete Encasement	Cu Yd	0.4

For estimated quantities, see Special Provisions.

Legend

Area of Deterioration

Removal

PIER 7 BILL OF MATERIAL

Item	Unit	Quantity
Treated Timber	F.B.M.	304

Notes:

All dimensions are approximate.

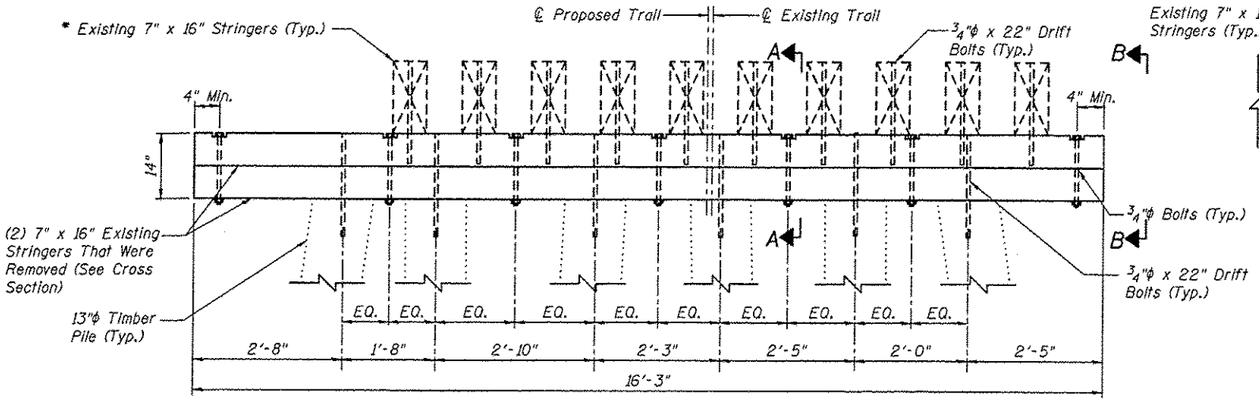
Concrete Encasement shall extend above and below the damaged area of the pile a minimum of 1'-0".

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

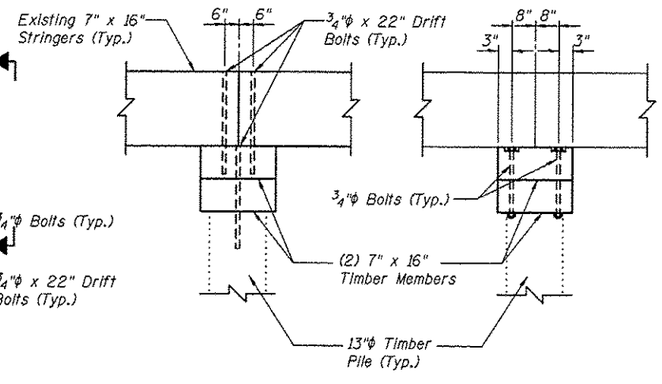
The stainless steel bands shall be stainless steel with a minimum width of 3/4" and a minimum thickness of 0.030" and shall be installed per the manufacturer's recommendation. Product data shall be submitted to the Engineer for approval prior to installation.

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

* The existing 7"x16" stringers shall be removed and reinstalled to accomodate the pier cap replacement. Field drill holes in new timber cap to match hole locations in existing timber piles and stringers. Existing bolts, nuts, washers and drift pins to be removed, stored, cleaned and reinstalled. Cost of removing and reinstalling the existing timber stringers shall be included with Treated Timber.



PIER CAP REPLACEMENT



SECTION A-A

SECTION B-B

PIER 6 & PIER 7 DETAILS

Juneau Associates, Inc. P.C.
CONSULTING ENGINEERS AND LAND SURVEYORS
2100 State Street, P.O. Box 1325, Granite City, Illinois 62040, Phone: (618)931-4400, Fax: (618)931-0941
100 North Research Drive, Edwardsville, Illinois 62025, Phone: (618)659-0700, Fax: (618)659-0941

GLEN CARBON HERITAGE
BIKE TRAIL OVER JUDY BRANCH
MADISON COUNTY
STATION 118+47.70
STRUCTURE NO. 2

REVISIONS			
NO.	DATE	BY	REMARKS

SCALE: NOT TO SCALE, FOLLOW DIMENSIONS

DSN. BY:	DB	DATE:	10/18/12	SHEET
DWN. BY:	EER	DATE:	10/18/12	167
CHK'D:	WWH	DATE:	10/18/12	
DGN NAME:		JOB NO. E064403	DGN. NO.	OF 310 SHTS

Printed 10:02:03 AM 12/19/2012 W:\STRUCTURE\E064403 IMCT Heritage Trail\Drawings\Structure #02\Proposed Structure (07-2012)\(09)167) Pier 6 & Pier 7.dgn