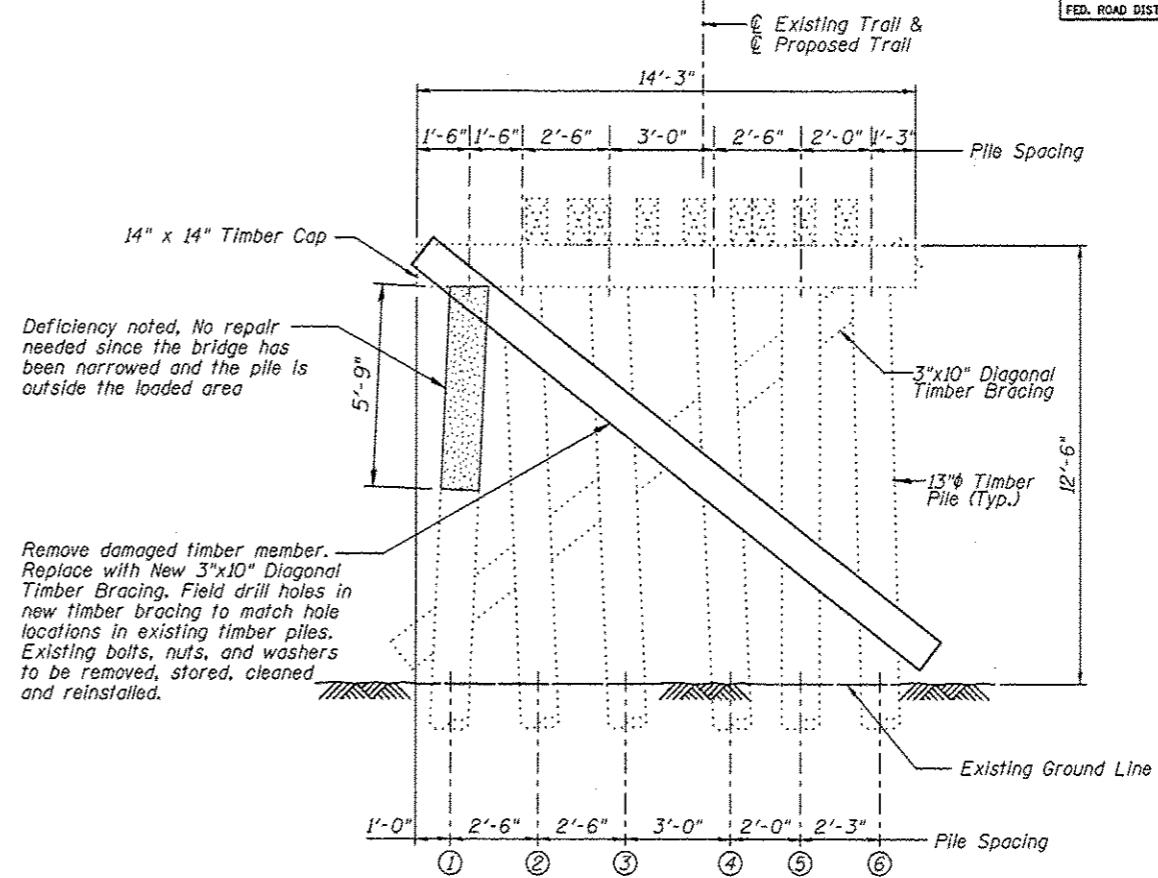


PIER 2
(Looking North)

**PIER 2
BILL OF MATERIAL**

Item	Unit	Quantity
Treated Timber	F.B.M.	266



PIER 3
(Looking North)

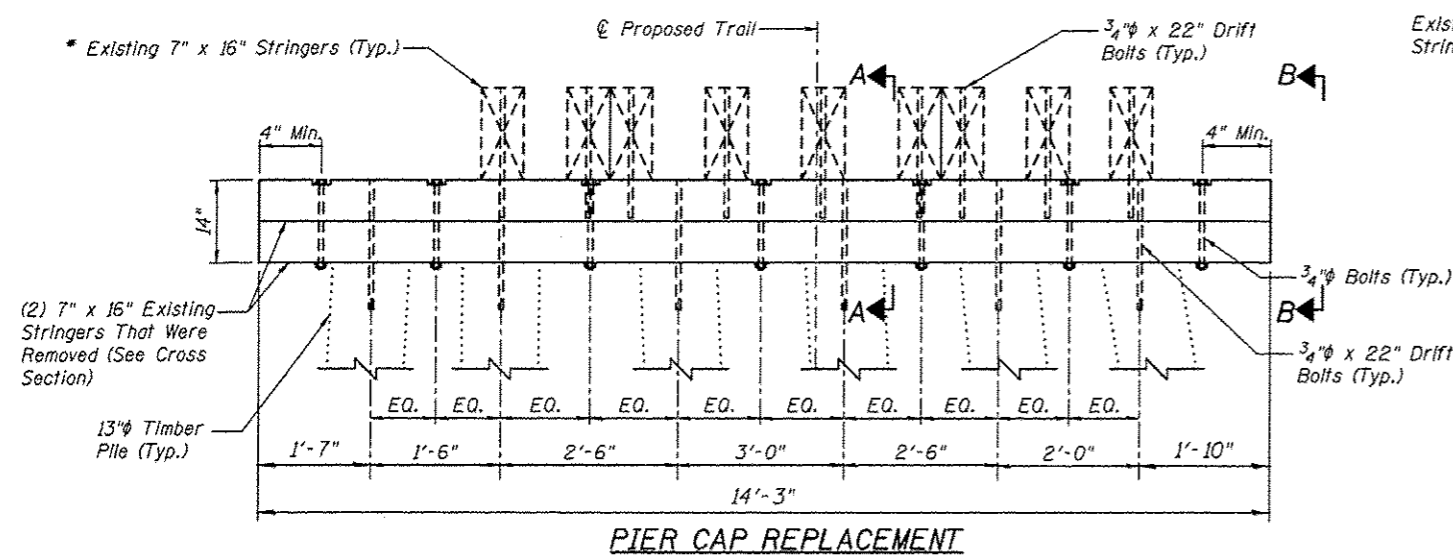
**PIER 3
BILL OF MATERIAL**

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

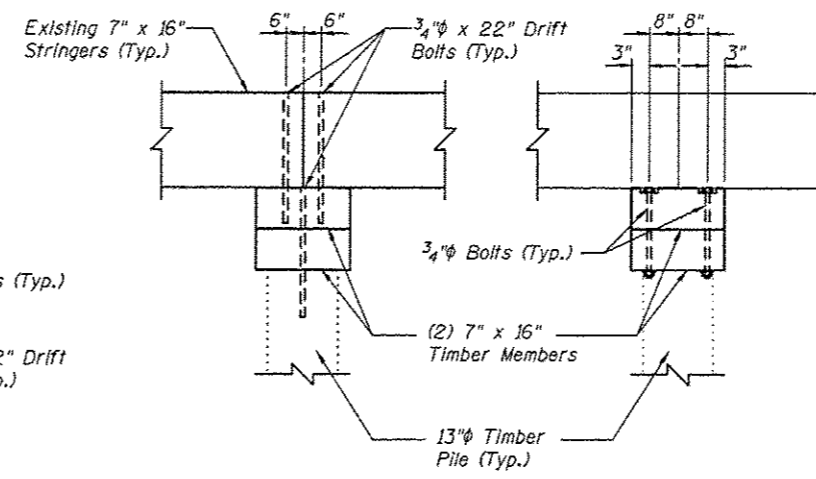
Legend

Area of Deterioration

Removal



PIER CAP REPLACEMENT



SECTION A-A

SECTION B-B

Notes:

All dimensions are approximate.

Bolts, nuts and washers for the Timber Beam Repair shall be hot-dipped galvanized.

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 accommodate 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 2 & PIER 3 DETAILS JUNEAU ASSOCIATES, INC. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS 2100 State Street, P.O. Box 1325 Grand Rapids, MI 49504-1325 Phone: (616) 231-1100 Fax: (616) 231-0911		GLEN CARBON HERITAGE BIKE TRAIL OVER JUDY BRANCH MADISON COUNTY STATION 186+18.86 STRUCTURE NO. 5	
REVISIONS NO. DATE BY REMARKS		SCALE: NOT TO SCALE, FOLLOW DIMENSIONS	
DSN. BY: DB DATE: 10/18/12 SHEET		DATE: 10/18/12 196	
DWN. BY: EER DATE: 10/18/12		DATE: 10/18/12	
CHK'D: WWH DATE: 10/18/12		DATE: 10/18/12	
DGN NAME:		JOB NO. E064403 DGN. NO.	
SHEET		OF 310 SHEETS	

P:\Printed 10/03/13 AM 12/19/2012 W:\STRUCTURE\064403 MCT Heritage Trail\Drawings\Structure 405\Proposed Structure 107-2002\1070986 Pier 2 & Pier 3.dgn