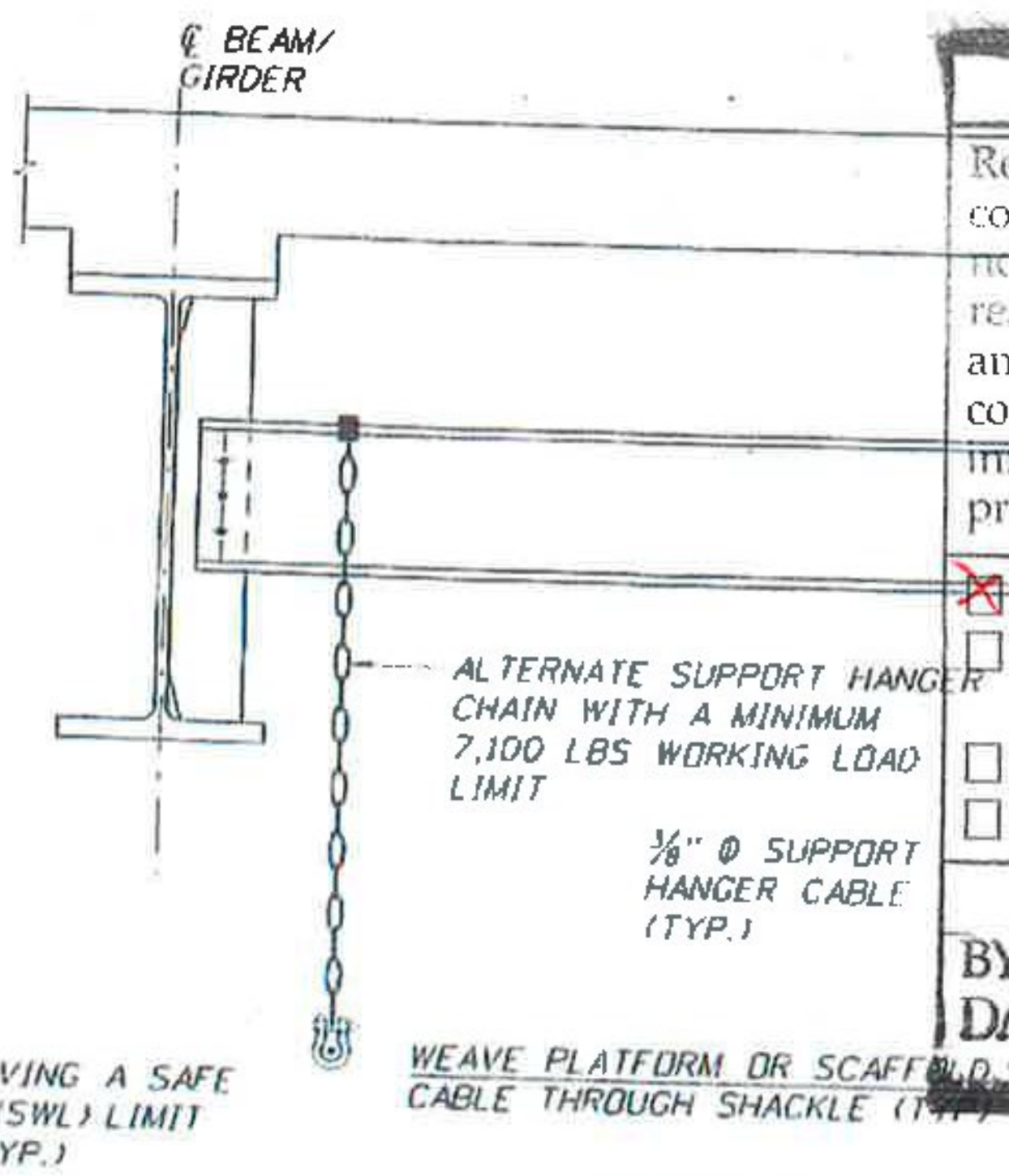


DETAIL 1



DETAIL 2

SUBMITTAL REVIEW

Review is only for general conformity to the contract drawings and specifications and shall not relieve the contractor of his entire responsibility under the contract, including among other things, dimensions, materials, information that pertains to the construction processes or techniques of construction.

NO EXCEPTIONS

MAKE CORRECTIONS NOTED

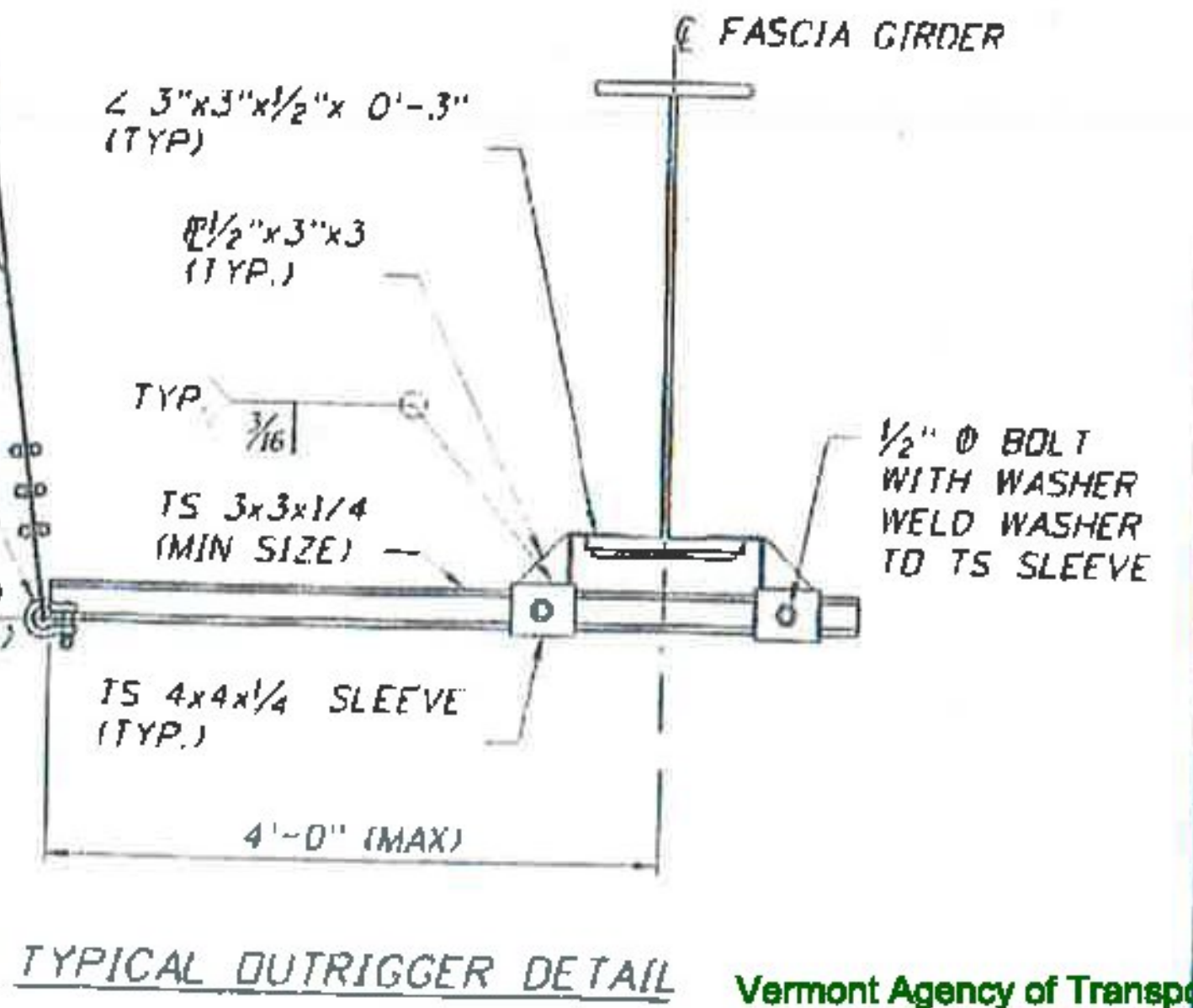
AMEND AND RESUBMIT

REJECTED - SEE REMARKS

PB AMERICAS, INC.

BY: *Submittal*

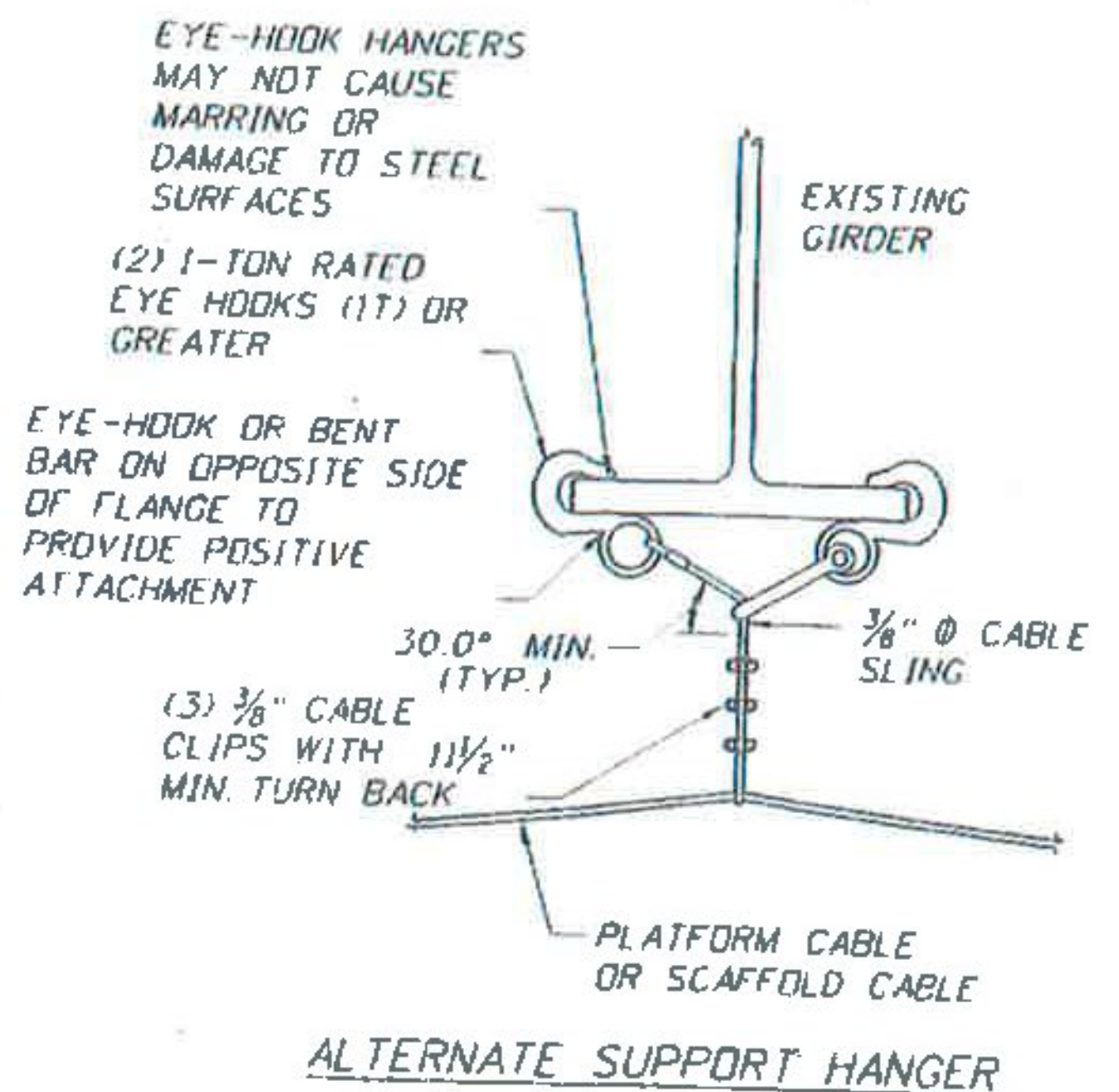
DATE: *5/9/16*



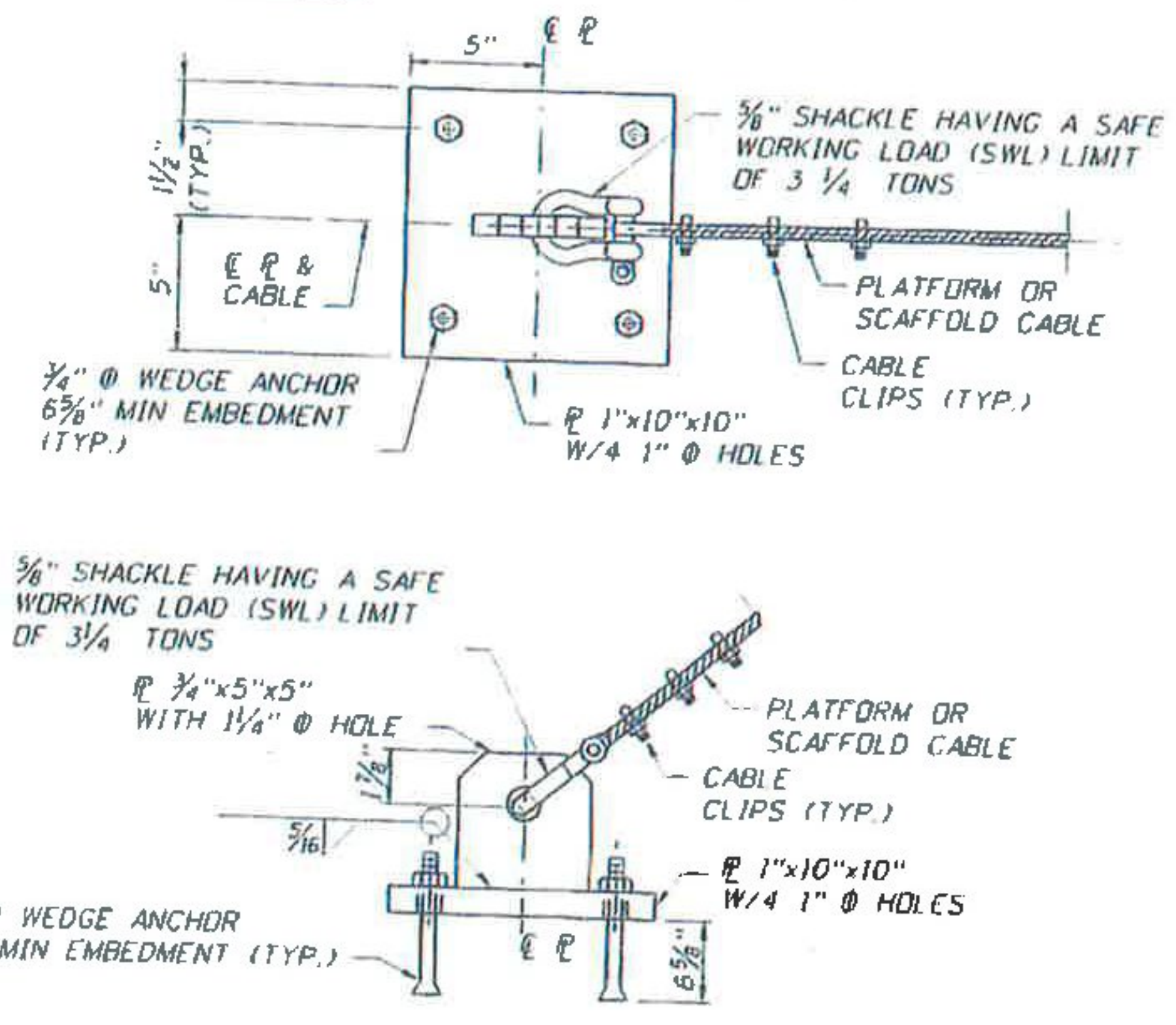
TYPICAL OUTRIGGER DETAIL

Vermont Agency of Transportation
RECEIVED
 ON: May 10, 2016
 and Checked for
CONFORMANCE
 BY: Mark Sargent DATE: 05/13/2016

* USE TS 4X4X1/4 FOR SPACING UP TO 9'-6" OR TS 4X4X3/8 FOR SPACING UP TO 11'-0"



ALTERNATE SUPPORT HANGER



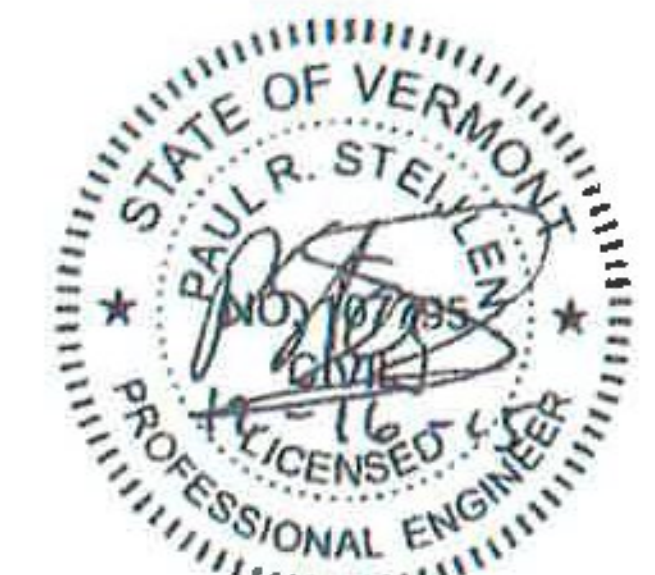
OPTIONAL ANCHOR PLATE ATTACHMENT

GENERAL NOTES:

1. OBTAIN APPROVAL FROM OWNER OR THE RESIDENT ENGINEER PRIOR TO INSTALLATION OF THE ANCHOR PLATE. CONSULT WITH RESIDENT ENGINEER REGARDING ANY ENCASED CONDUITS, PIPES, OR ANY OTHER KNOWN OBSTRUCTIONS PRIOR TO DRILLING.
2. STRUCTURAL STEEL SHALL CONFORM TO ASTM A36.
3. WELD ELECTRODES SHALL BE E70XX.
4. TO RESTORE CONCRETE:
 - REMOVE ANCHORS COMPLETELY WITHOUT DAMAGING THE CONCRETE ELEMENT.
 - FINISH SURFACE WITH DDT APPROVED METHODS AND NON-SHRINK GROUT.
5. MINIMUM 8" EDGE DISTANCE AND 6" CENTER TO CENTER OF BOLTS IS REQUIRED.
6. CONTRACTOR SHALL ATTACH THE ANCHOR PLATES TO SOUND CONCRETE. CONCRETE THAT IS SPALLED SHALL NOT BE CONSIDERED AS SOUND. CONCRETE WITH MAP CRACKS AND EFFLORESCENCE SHOULD HAVE PULL OUT TESTS CONDUCTED ON ALL ANCHOR BOLTS TO ENSURE THAT THE PROPER CAPACITY CAN BE ACHIEVED.
7. ANCHOR PLATE SHALL NOT BE ATTACHED TO PRESTRESSED PILES OR BEAMS.

INSTALLATION NOTES:

1. DRILL (4) HOLES, USING THE MANUFACTURER'S RECOMMENDED DRILL BIT SIZE, INTO CONCRETE USING ANCHOR PLATE AS A TEMPLATE. (HOLES FOR ANCHOR BOLTS SHALL BE DRILLED 1/4" MINIMUM DEEPER THAN THE MINIMUM EMBEDMENT LENGTH FOR ALL ANCHOR BOLTS.)
2. INSTALL ANCHOR BOLTS PER MANUFACTURER'S INSTRUCTIONS.
3. INSTALL 5/8" SHACKLE (OR GREATER) ONTO THE ANCHOR PLATE.
4. INSTALL MAIN CABLE ONTO SHACKLE.



REVISIONS		
DATE	BY	DESCRIPTION

PAUL STEIJLEN P.E.
 P.E. LICENSE NUMBER 107795
 A2B ENGINEERING, LLC.
 5406 N. HOOVER BLVD., SUITE 12
 TAMPA, FL 33634

MONOKO, LLC.
 1037 PENINSULA AVENUE
 TARPON SPRINGS, FL 34689
 PHONE (727) 940-3244
 FAX (727) 278-8795

DATE: 11/15	BY: BDN	STATE: VERMONT
DATE: 11/15	BY: PDB	AGENCY: AGENCY OF TRANSPORTATION
DATE: 11/15	BY: MAT	ROAD NO.: BENNINGTON
DATE: 11/15	BY: PRS	COUNTY: RUTLAND
		PROJECT: BF BPRT (116)

PROJECT TITLE: CONTAINMENT MISCELLANEOUS DETAILS (1 OF 4)	REF. DATE: 1/0
PROJECT NAME: FIVE BRIDGES ON OR OVER US ROUTE 7	DATE: 1/0