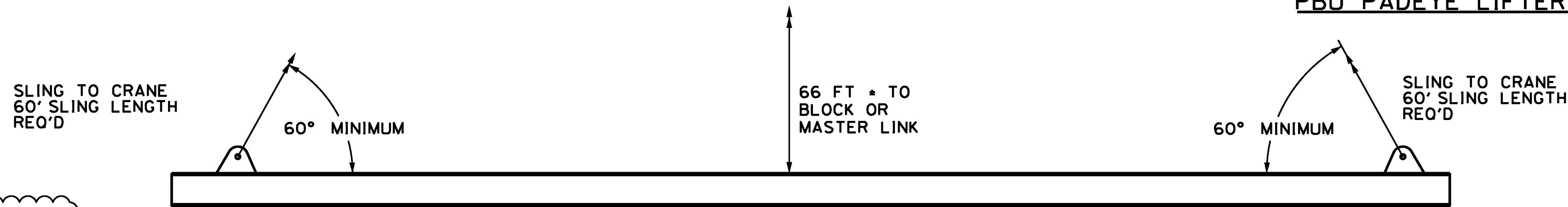


PADEYES TO BE ASTM A572 GRADE 50 MATERIAL WELDMENTS TO BE MADE WITH BE E70XX ELECTRODES OR EQUIVALENT 70KSI WIRE FOR FCAW OR GMAW PROCESSES WELDMENTS SHALL BE MADE BY CERTIFIED WELDERS QUALIFIED IN THE POSITION, PROCESS, AND PROCEDURE REQUIRED



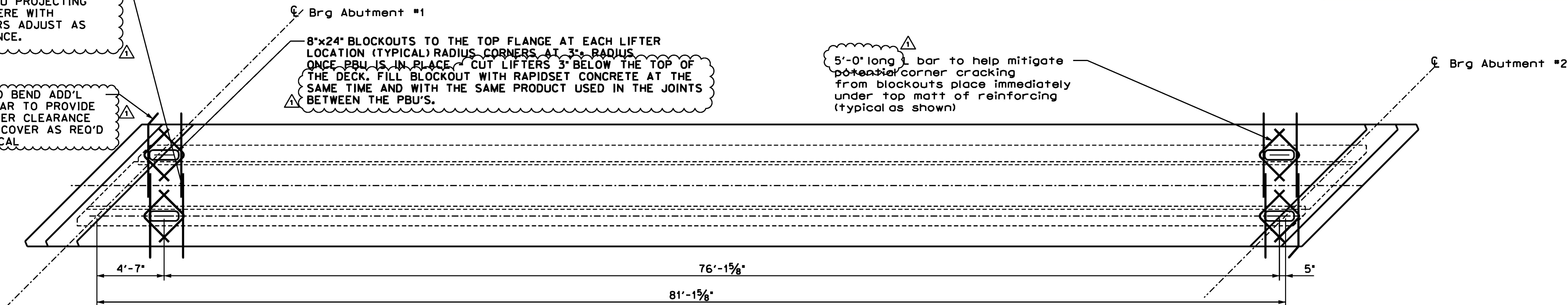
LIFTING LUGS (PADEYES) FOR PBU'S IN CHELSEA VT. (N.T.S.)

PROVIDE (2) EXTRA #4 TRANSVERSE DECK BARS ON EACH SIDE OF LIFTING DEVICES MAINTAIN SPACING OF TYPICAL #4 TRANSVERSE DECK BARS THROUGH PORTION OF DECK WITH LIFTERS - BUT CUT REINFORCING THAT INTERFERES WITH LIFTER LOCATIONS TO PROVIDE PROPER COVER TO THE BLOCKOUT - ENSURE ADJACENT PBU PROJECTING REINFORCEMENT DOES NOT INTERFERE WITH ADDITIONAL TRANSVERSE DECK BARS ADJUST AS REQUIRED TO PREVENT INTERFERENCE.

FIELD BEND ADD'L #4 BAR TO PROVIDE PROPER CLEARANCE AND COVER AS REQ'D TYPICAL

8"x24" BLOCKOUTS TO THE TOP FLANGE AT EACH LIFTER LOCATION (TYPICAL) RADIUS CORNERS AT 3" RADIUS ONCE PBU IS IN PLACE CUT LIFTERS 3" BELOW THE TOP OF THE DECK. FILL BLOCKOUT WITH RAPIDSET CONCRETE AT THE SAME TIME AND WITH THE SAME PRODUCT USED IN THE JOINTS BETWEEN THE PBU'S.

5'-0" long L bar to help mitigate potential corner cracking from blockouts place immediately under top mat of reinforcing (typical as shown)

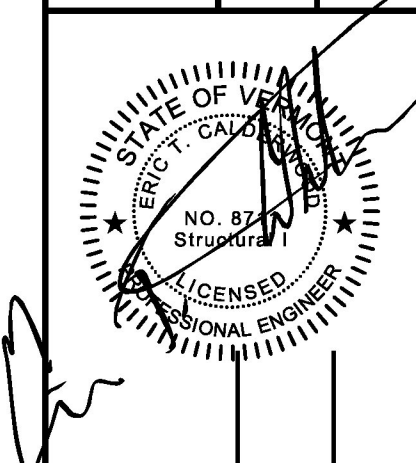


CHELSEA BRIDGE #9 PBU LIFTING LUG PLAN VIEW

Vermont Agency of Transportation
RECEIVED
 CK'D BY TYLJN OK'D BY TYLJN
 April 5, 2017
 RESUBMIT No Approved
 BY Kristin Higgins DATE 4/7/2017

T.Y. LIN INTERNATIONAL
 THE STAMPED DOCUMENTS ARE HEREBY:
 -X- APPROVED
 _____ APPROVED AS NOTED
 _____ REVISE AND RESUBMIT
 SEE TRANSMITTAL FOR ADDITIONAL INFORMATION AS APPLICABLE.
 THIS REVIEW IS FOR GENERAL CONFORMANCE WITH DESIGN CONCEPT ONLY. ANY DEVIATION FROM THE PLANS OR SPECIFICATIONS NOT CLEARLY NOTED BY THE CONTRACTOR HAS NOT BEEN REVIEWED. REVIEW BY THE ENGINEER SHALL NOT RELIEVE THE CONTRACTOR OF THE CONTRACTUAL RESPONSIBILITY FOR ANY ERRORS OR DEVIATION FROM THE CONTRACT REQUIREMENTS.
 JOSH OLUND REVIEWER DATE April 5, 2017

CALDERWOOD ENGINEERING, ETC.
 STRUCTURAL ENGINEERING • DETAILING SERVICES
 222 RIVER RD. RICHMOND, ME 04857 PH/FX (207) 737-2007 / 737-2008
 PREPARED FOR:
CPM CONSTRUCTORS
 CHELSEA BHF 0169(9)



DATE	BY	REVISIONS	ADDRESS	COMMENTS	DATE	P.E. NUMBER	DATE
MAR 2017	ETC						
		DESIGN-DETAILED					
		CHECKED-REVIEWED					
		REVISIONS 1					
		REVISIONS 2					
		REVISIONS 3					
		REVISIONS 4					
		FIELD CHANGES					

CHELSEA VERMONT
 BRIDGE #9

LIFTING DETAILS

SHEET NUMBER

1

