

STAGE 1 - INSTALL TEMPORARY BEARING PLATFORMS

1. ONCE SITE AND ABUTMENT PREPARATION IS COMPLETE, BEGIN INSTALLATION OF CRANE MATS IN THE SHOWN LOCATIONS.
2. IT IS IMPERATIVE THAT THE CRANE OPERATORS FAMILIARIZE THEMSELVES WITH THE LOCATION OF THE OVERHEAD UTILITIES ON THE SOUTHERN SIDE OF THE ROAD. THESE UTILITIES ARE NOT TO BE MOVED OR ALTERED IN ANY WAY.
3. ENSURE ELEVATION AND POSITION OF CRANE MATS ARE APPROPRIATE FOR THE PLACEMENT OF THE NEXT BEAMS. THE MAXIMUM RADIUS OF THE HL-150 LOADED IS 80 FEET. THE MAXIMUM RADIUS OF THE P&H 780 LOADED IS 50 FEET.
5. IF UNDESIRABLE SOIL IS PRESENT IN THE LOCATIONS OF THE CRANE MATS, EXCAVATE 5 FEET, FILL AND COMPACT GRANULAR MATERIAL FOR APPLICABLE AREA.
6. THE CONTRACTOR SHALL VERIFY THE STABILITY AND LOCATION OF CRANE MATS.

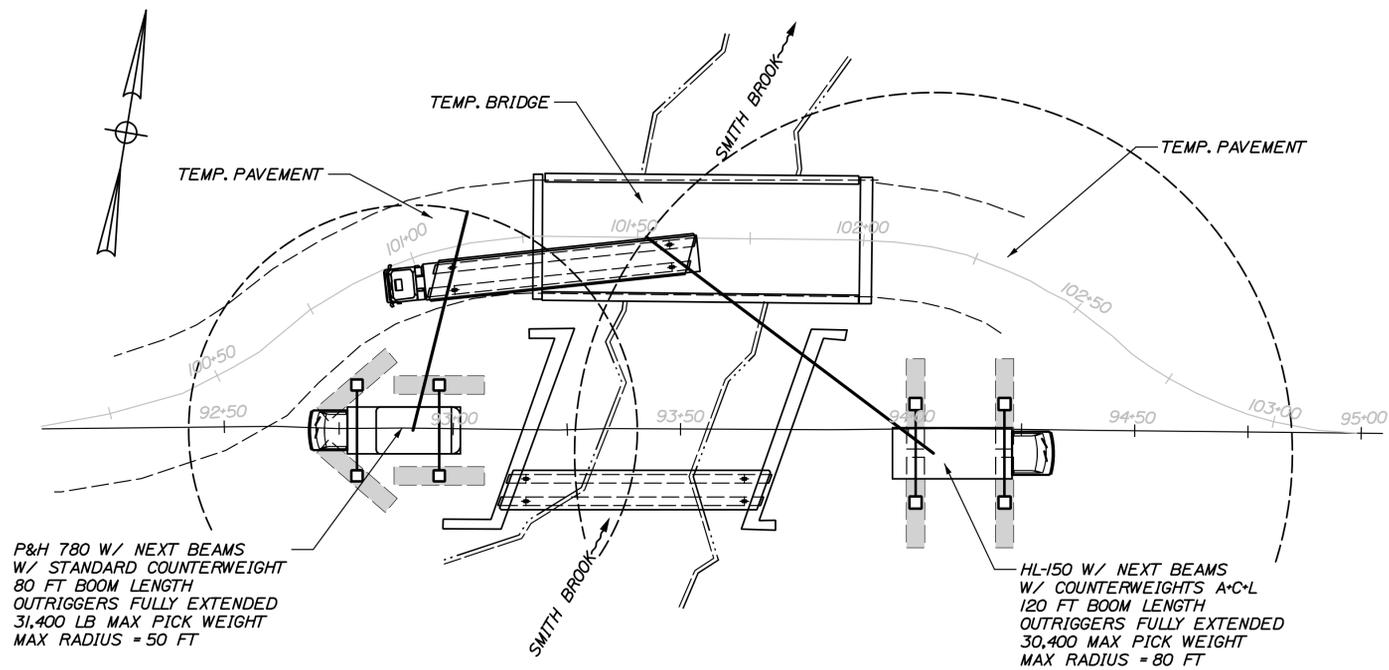
NOTES:
CRANE MATS: 4'-0" x 20'-0" x 1'-0"

HL-150 CRANE MAT LAYOUT:
3 MATS STACKED PER OUTRIGGER, MINIMUM

P&H 780 CRANE MAT LAYOUT:
2 MATS STACKED PER OUTRIGGER, MINIMUM

DIFFERENTLY SIZED CRANE MATS ORGANIZED TO ACHIEVE THE SAME BEARING AREA AND DEPTH MAY BE SUBSTITUTED AT THE DISCRETION OF THE CONTRACTOR.

THE GIVEN STATIONING AND ORIENTATION FOR THE CRANE MATS IS APPROXIMATE. EXACT LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR.



STAGE 2 - INSTALLATION

1. DRIVE TRUCK WITH BEAM J-B2 (29.75T) INTO THE PLACE AS SHOWN.
2. INSTALL SOUTH MOST NEXT BEAM J-B2 USING BOTH CRANES RIGGED TO DISTRIBUTE LOAD EVENLY.
3. REPEAT PROCESS WITH BOTH J-B1 BEAMS (29.78T EA.), AND THE NORTH MOST J-B2 BEAM (29.75T).
4. ONCE THE CONTRACTOR HAS VERIFIED THE LOCATION AND ELEVATION OF THE NEXT BEAMS, MOVE THE CRANES, REMOVE THE CRANE MATS, AND BACKFILL FOR CAST IN PLACE APPROACH SLABS.

REV 1 NOTES:
TWO DIFFERENT CRANES USED.
ENTIRE PACKAGE REVISED.

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STRUCTURAL ENGINEERING • DESIGNING SERVICES
222 RIVER RD. RICHMOND, ME 04357 PH/FX (207)737-2008
PREPARED FOR:
A.L. ST. ONGE CONTRACTOR, INC
VTAOT PROJ. NUMBER BRJ 030-2(26)
CEE 38-MI-15



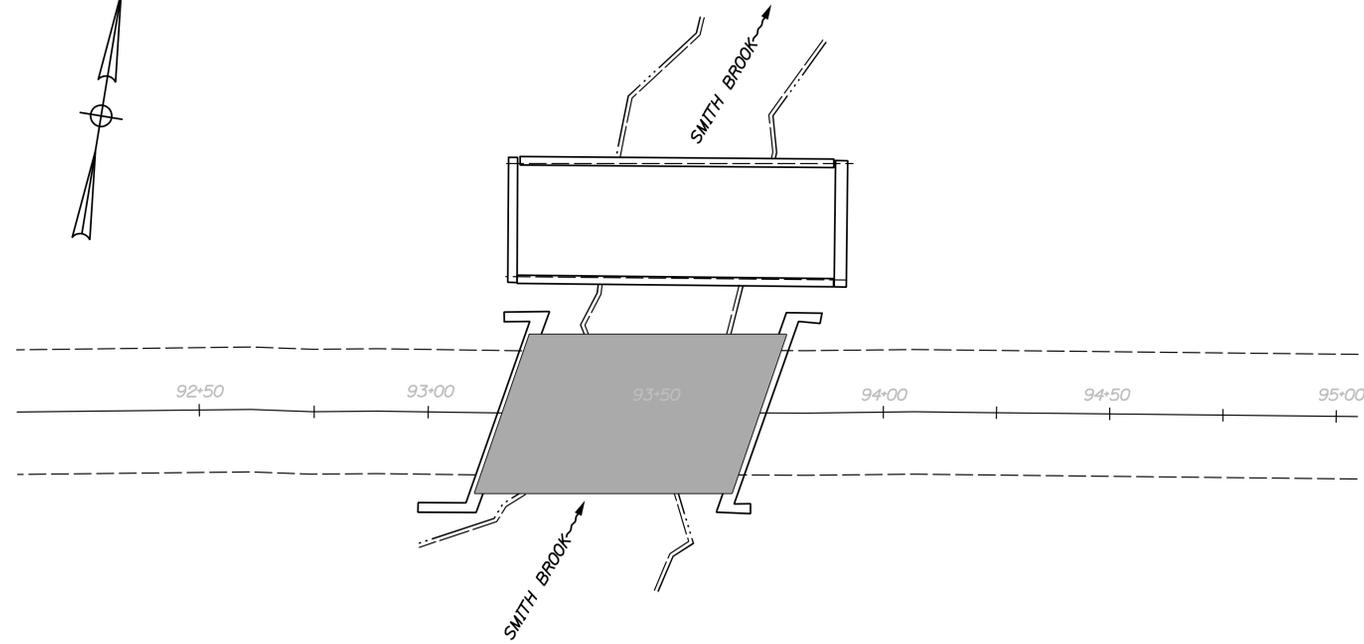
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CHECKED-REVIEWED				
REVISIONS 1				
REVISIONS 2				
REVISIONS 3				
REVISIONS 4				
FIELD CHANGES				

P.E. NUMBER	8711
DATE	

**JOHNSON, VT - VT 15
OVER SMITH BROOK
ASSEMBLY PLAN**

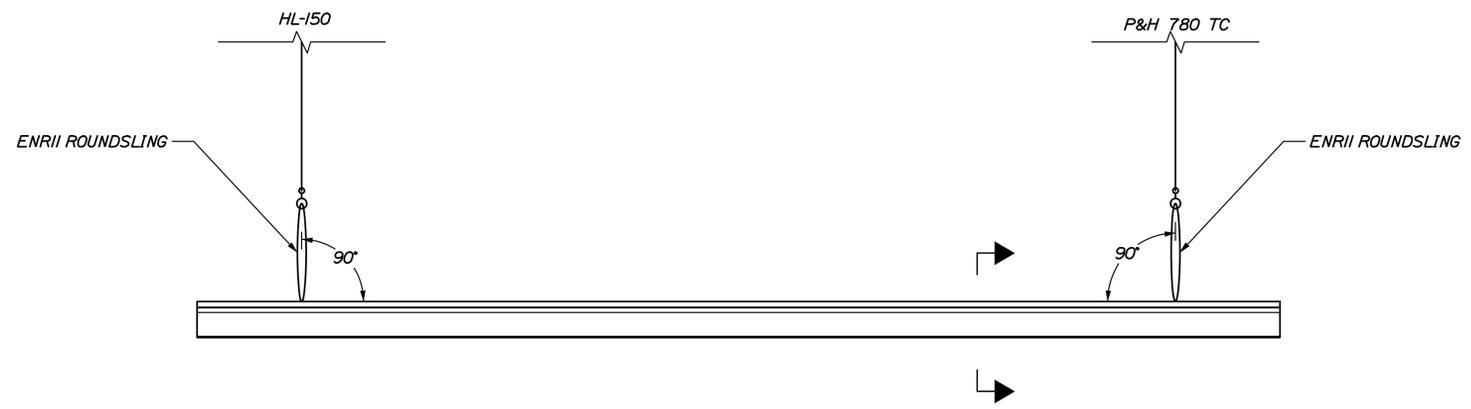
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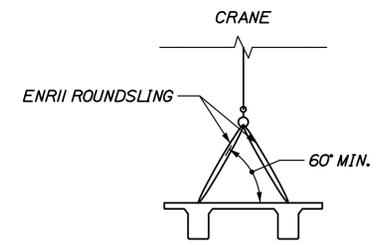


STAGE 3 - INSTALLATION

1. CAST IN PLACE APPROACH SLABS ACCORDING TO CONTRACT DETAILS.
2. INSTALL ASPHALTIC PLUG JOINTS CONTRACT DETAILS.
3. INSTALL STEEL RAIL CAST CONCRETE DECK ON NEXT BEAMS AND FINISH PER CONTRACT DETAILS.
4. CONSTRUCT APPROACH AND ROADWAY ALIGNMENT. OPEN BRIDGE TO TRAFFIC.



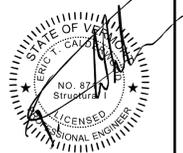
NEXT BEAM LIFTING SCHEME
NOT TO SCALE



NEXT BEAM LIFTING SCHEME SECTION
NOT TO SCALE

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REVISIONS 1	TEPA	5/15
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

JOHNSON, VT - VT 15
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ASSEMBLY PLAN

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2

