

GENERAL NOTES

1.0 GENERAL

1.1 THE CONTRACTOR MUST VERIFY ALL DIMENSIONS PRIOR TO FABRICATION TO ENSURE ACCURACY OF THE EXPANSION JOINT.

DIMENSIONS VERIFIED: _____

1.2 ALL WORK SHALL COMPLY WITH THE VERMONT AGENCY OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2011, AND ITS LATEST REVISIONS AND THE AASHTO LRFD BRIDGE CONSTRUCTION SPECIFICATIONS, 3rd EDITION AND ITS LATEST REVISIONS, EXCEPT AS NOTED HEREIN.

1.3 ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

1.4 IN CASE OF DIFFERENCE ON THE CONTRACT PLANS BETWEEN SCALE DIMENSIONS AND FIGURES, THE FIGURES SHALL BE FOLLOWED.

2.0 STANDARD SPECIFICATION CRITERIA

3.0 SPECIAL PROVISION CRITERIA

4.0 MATERIALS

4.1 ALL STRUCTURAL AND PERMANENT MATERIALS SHALL BE OF DOMESTIC ORIGIN, AND MATERIAL CERTIFICATION STATING ALL SUCH MATERIALS ARE "MELTED AND MANUFACTURED" IN THE UNITED STATES OF AMERICA SHALL BE SUBMITTED.

4.2 STEEL BARS, PLATES AND SHAPES SHALL BE STAINLESS STEEL CONFORMING TO ASTM A240/A 240M, OR 312, WITH MINIMUM YIELD OF 30ksi AND MINIMUM TENSILE OF 75ksi.

4.3 THE CONCRETE ANCHOR STUDS SHALL BE STAINLESS STEEL IN ACCORDANCE WITH ASTM A-108.

4.4 HARDWARE SHALL BE STAINLESS STEEL CONFORMING TO ASTM F593 WITH MINIMUM YIELD OF 43ksi AND MINIMUM TENSILE OF 75ksi.

5.0 INSPECTION REQUIREMENTS

5.1 QUALITY CONTROL INSPECTION

5.1.1 DURING FABRICATION OF THE EXPANSION JOINT, WATSON BOWMAN ACME SHALL PROVIDE FULL TIME QUALITY CONTROL INSPECTION TO INSURE THAT THE MATERIALS AND WORKMANSHIP MEET OR EXCEED THE MINIMUM REQUIREMENTS OF THE CONTRACT.

6.0 FABRICATION

6.1 FABRICATION SHALL BE IN ACCORDANCE WITH WATSON BOWMAN ACME'S QUALITY CONTROL MANUAL AND MANUFACTURING TOLERANCE.

6.2 ALL WELDING SHALL BE IN ACCORDANCE WITH AWS D1.6 WELDING SPECIFICATIONS.

6.3 ALL WELDING SHALL BE EXECUTED USING FCAW PROCESSES.

6.4 STUDS SHALL BE INSPECTED VISUALLY AND SHALL BE GIVEN A LIGHT BLOW WITH A HAMMER. ANY STUD WHICH DOES NOT HAVE A COMPLETE END WELD OR DOES NOT EMIT A RINGING SOUND WHEN STRUCK WITH A LIGHT BLOW WITH A HAMMER SHALL BE REPLACED.

6.5 STUDS SHALL NOT BE LOCATED MORE THAN 1" FROM THE LOCATION SHOWN ON THESE SHOP DRAWINGS.

6.6 STUDS MAY BE BENT TO AN ANGLE OF 30° TO AVOID INTERFERENCE WITH DECK REINFORCEMENT, OR TO PROVIDE PROPER CONCRETE COVER.

6.7 AFTER FABRICATION, BUT BEFORE SHIPPING, STRAIGHTEN STEEL SHAPES SO THAT THEY ARE FREE FROM WARP, TWIST AND SWEEP.

6.8 FOR PAYMENT PURPOSES THE LENGTH OF THE JOINT PAID FOR WILL BE THE NUMBER OF LINEAR FEET OF JOINT SYSTEM INSTALLED, MEASURED HORIZONTALLY ALONG THE CENTERLINE OF THE JOINT SYSTEM BETWEEN THE OUTER LIMITS OF THE BRIDGE FASCIA UNLESS OTHERWISE SHOWN ON THE PLANS.

7.0 COATINGS

7.1 THE RIDING SURFACES OF THE STAINLESS STEEL SHALL BE COATED WITH A SLIP RESISTANT MATERIAL. HIGH PURITY NICKEL CHROME WIRE (Ni20Cr) SHALL BE SPRAY APPLIED. THE ALLOY SHALL HAVE A ROCKWELL HARDNESS SCALE OF HRB 90, SUPPLIER SHALL BE HUBBELL GALVANIZING INC. PRODUCT SHALL BE "GALVAGRIT" FINE.

Vermont Agency of Transportation

RECEIVED

ON: June 20, 2014

and Checked for

CONFORMANCE

BY: Jennifer Fitch DATE: 06/26/2014

T.Y. LIN INTERNATIONAL

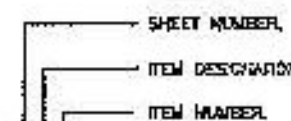
THE STAMPED DOCUMENTS ARE HEREBY:

- 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 OLLUND 06/25/2014
REVIEWER DATE



MARK SYSTEM

DRAWING ACTION:
SUBMITTED FOR APPROVAL

DATE: 6/5/14

NO.	REVISION	DATE
1	REVISED PER REVIEWERS COMMENTS	TEB/6/14

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		SHEET NO.: TEB CHECKED BY: TPL SCALE: NONE SHEET NO.: 1 OF 6	DATE: 6/4/14 DATE: 6/6/14 WBA JOB NO.: 154768 DRAWING NO.: D-31790
PROJECT: VERMONT RTE 65 REPLACEMENT OF FLOATING BRIDGE WABO EMB HINGED SLIDING PLATE JOINT DETAILS			

STATE: VERMONT
 COUNTY: ORANGE
 PROJECT NO.: BRF FLBR(2)
 REFERENCE NO.: XXXXXXXXX
 DISTRICT: XXX ROUTE: 65
 WBA PRODUCT NO.: FMB15476BAA-AF