

GENERAL NOTES

CONSTRUCTION SPECIFICATIONS

ALL MATERIAL AND WORKMANSHIP TO BE IN ACCORDANCE WITH THE STATE OF VERMONT AGENCY OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2011 WITH LATEST REVISIONS AND THE AASHTO LRFD BRIDGE CONSTRUCTION SPECIFICATIONS FOR HIGHWAY BRIDGES DATED 2011, AND ITS LATEST REVISIONS.

MATERIAL SPECIFICATIONS

- 1) ALL STEEL TO BE UNPAINTED AASHTO M270 (ASTM A709) GRADE 50W (UN).
- 2) MATERIAL NOTED "CVN" OR "T2" ON DETAIL DRAWINGS SHALL BE CHARPY V-NOTCH TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF VERMONT STANDARD SPECIFICATIONS SECTION 714.01.
- 3) HIGH STRENGTH BOLTS:
-ASTM A325 (AASHTO M164) TYPE 3 W/ A563 GRADE C3 NUTS, F436 (TYPE 3) WASHERS, F959 DIRECT TENSION INDICATORS.

BOLTS & NUTS SHALL BE ROTATIONAL CAPACITY TESTED. DO NOT MIX NUTS & BOLTS FROM DIFFERENT CONTAINERS UNLESS ALL BOLTS & NUTS HAVE THE SAME LOT NUMBER.

FABRICATION

- 1) ALL FINS, SLIVERS AND TEARS SHALL BE REMOVED.
- 2) ALL ROUGH SURFACES SHALL BE GROUND SMOOTH.
- 3) FLAME CUT EDGES SHALL BE GROUND OVER THEIR ENTIRE SURFACE SUCH THAT ANY HARDENED SURFACE LAYER IS REMOVED.

WELDING

- 1) THE CONFIGURATION OF THE WELD JOINTS AND ALL WELDING PROCEDURES SHALL BE IN ACCORDANCE WITH THE CURRENT AASHTO/AWS D1.5 BRIDGE WELDING CODE AND IN ADDITION TO SPECIFICATIONS SHOWN ABOVE (SEE SUBSECTION 506.10 OF STANDARD SPECIFICATIONS). ALL WELDING WILL BE DETAILED TO PRE-QUALIFIED JOINTS, UNLESS PROHIBITED BY THE DESIGNER.
- 2) WELDING OF MAIN LOAD CARRYING MEMBERS AND ATTACHMENTS SHALL BE PERFORMED USING THE AUTOMATIC SUBMERGED ARC & SHIELDED METAL ARC PROCESSES. ALL WELDS ARE CONTINUOUS U.N.
- 3) NON DESTRUCTIVE TESTING OF WELDS SHALL BE IN ACCORDANCE WITH THE REFERENCED SPECIFICATION.
- 4) SEE DETAILS "WT1" & "WT2" ON THIS DRAWING FOR WELD TERMINATION DETAILS.

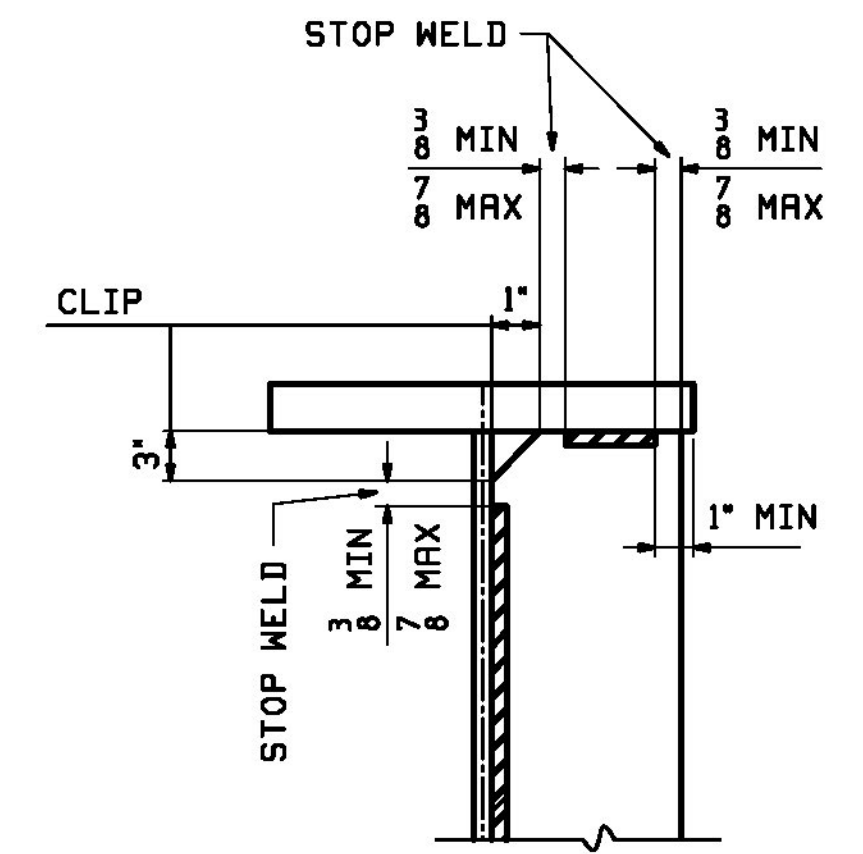
CONNECTIONS

- 1) ALL CONNECTIONS SHALL BE MADE WITH A-325 HS BOLTS, INSTALLED PER SECTION 506.19(c).
- 2) BOLTS SHALL HAVE HEAVY HEX NUT, HEAVY HEX HEAD, DTI, AND AT LEAST ONE HARDENED FLAT WASHER EACH. WASHER TO BE PLACED UNDER TURNED ELEMENT.
- 3) PIECE MARKS WILL BE LOCATED AS SHOWN ON ERECTION DRAWINGS.

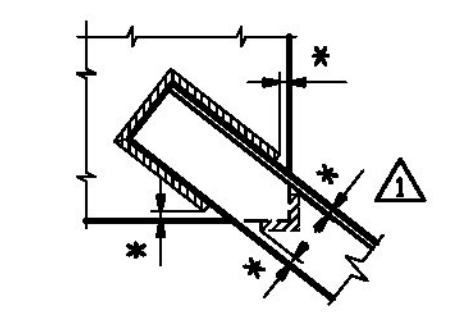
CLEANING & PAINTING:

UNPAINTED STEEL SHALL BE BLAST CLEANED TO SSPC SP-10 TO ACHIEVE A UNIFORM WEATHERED APPEARANCE.

ALL STEEL SHALL BE UNPAINTED.



DETAIL "WT1"
STIFFENER WELD TERMINATION



DETAIL "WT2"
CF WELD TERMINATION DETAIL
* NO WELD 1/4 MIN, 1/2 MAX.

Vermont Agency of Transportation

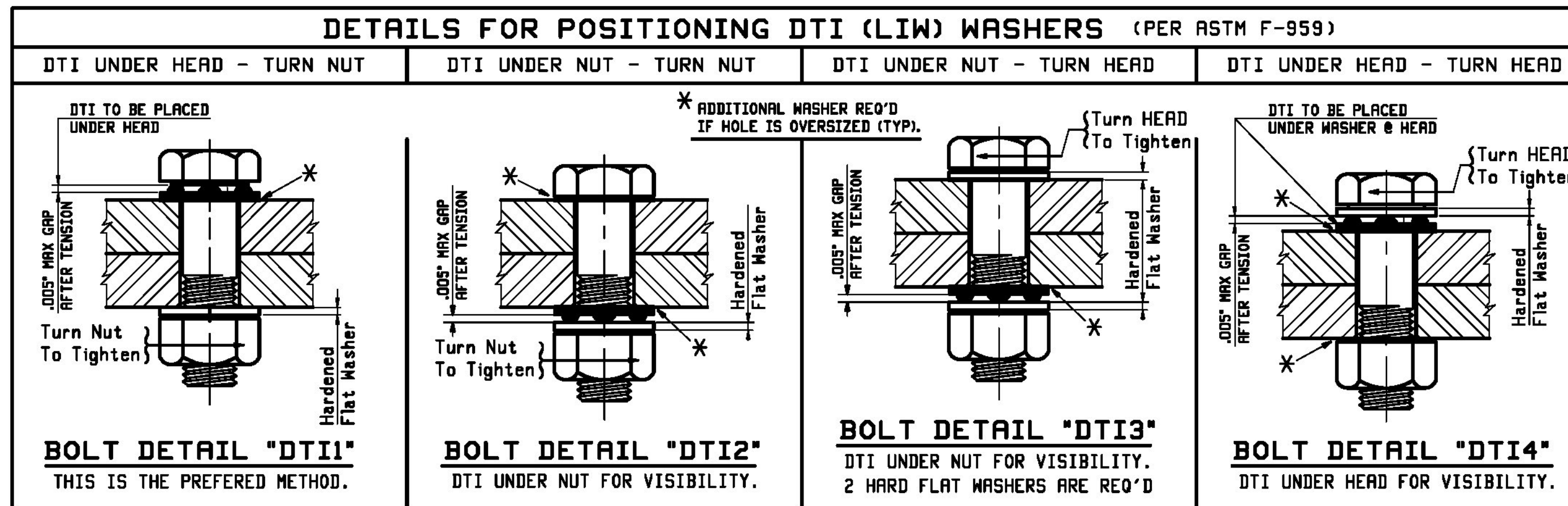
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CK'D BY CLB OK'D BY CWC

October 5, 2017

RESUBMIT NO Approved
BY C. CARLSON DATE 10/05/17



NOTE TO ENGINEER:
THESE NOTES ARE NOT INTENDED TO BE ALL INCLUSIVE AND COMPLIANCE WITH RELEVANT SPECIFICATIONS REMAIN UNCHANGED.

9/19/17	APPROVAL COMMENT	JTB	WJL		
REV. DATE	REMARKS	DWN	CHK	APVL	SHOP
MATERIAL:		SURFACE PREP. & PAINT:		HOLES:	
				SHOP BOLTS:	
DESCRIPTION: GENERAL NOTES					
		CASCO BAY STEEL STRUCTURES, INC. 1 WALLACE AVE. PHONE (207) 780-6722 SOUTH PORTLAND, ME 04106 FAX. (207) 780-6726			
STRUCTURE: VT RTE 15A OVER LAMOILLE RIVER		DRAWN: JTB	DATE: 07/31		
ROUTE No. VT 15A, MAJOR COLLECTOR		CHKD: WJL	DATE: 08/30		
BRIDGE No. 1		LOCATION: MORRISTOWN, VT		JOB NO.	DWG NO.
COUNTY OF LAMOILLE		PROJ NO. BRS-0240(3)S & STP HES 030-2(28)		713	GN1
CUSTOMER: STATE OF VERMONT R.O.T.				REV.	△

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