



**GENERAL NOTES**

ALL MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH VERMONT AGENCY OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2008 AND ITS LATEST REVISIONS.

DESCRIPTION	ASTM (ALLOY/GR.)	REMARKS
RAIL POST STEEL	A572-50	MIN. YIELD STRENGTH 50,000 psi
CLAMP BARS	A36	MIN. YIELD STRENGTH 36,000 psi
WASHERS	A307	MIN. YIELD STRENGTH 33,000 psi
STEEL BOLTS	A307	MIN. YIELD STRENGTH 33,000 psi
ALUMINUM WASHERS	6061-T6	MIN. TENSILE STRENGTH 45,000 psi
ALUMINUM BOLTS	6061-T6	MIN. TENSILE STRENGTH 45,000 psi
ALUMINUM ANCHOR BOLTS	6061-T6	MIN. TENSILE STRENGTH 45,000 psi

POSTS TO BE NORMAL TO GRADE AND RAILS SHALL BE PARALLEL TO GRADE. RAILS TO BE ATTACHED TO A MINIMUM OF THREE POSTS WHEN POSSIBLE. ALL WELDS AND WELDS TO BE FREE FROM ALL BURRS AND ROUGH EDGES. ENDS OF THIS SECTION SHALL BE CHISEL OR MILLER. GRIND ALL CUT EDGES SMOOTH. ALL DIMENSIONS TO BE UNLESS OTHERWISE SPECIFIED. ALL EXTENSION TOLERANCES NOT SHOWN SHALL BE IN ACCORDANCE WITH ASTM B221. IF CUT THREADS ARE USED, BOLT DIAMETER SHALL NOT BE LESS THAN NOMINAL DIAMETER. IF BOLTED THREADS ARE USED, BOLT DIAMETER SHALL NOT BE LESS THAN THE ROOT DIAMETER OF THREADS. THE SPURSE BAR SHALL BE ATTACHED TO THE RAIL ELEMENT AS FOLLOWS: THE RAIL SPURSE AT THE SPURSE EXPANSION JOINT SHALL BE FASTENED ON BOTH SIDES OF THE RAIL SPURSE USING THE FULLY THREADED WASHER FACED BOLTS, TIGHTENED SECURELY TO THE END OF THE SPURSE, AND LEAVING A 1/8\"/>

**ANODIZED**

- ALL STEEL COMPONENTS SHALL BE ANODIZED TO A BLACK FINISH (SEE SPECIFICATION FOR ANODIZING PROCEDURE).
- ALL ALUMINUM COMPONENTS SHALL BE ANODIZED TO A BLACK FINISH (SEE SPECIFICATION FOR ANODIZING PROCEDURE).
- ALL WELDS SHALL BE ANODIZED TO A BLACK FINISH (SEE SPECIFICATION FOR ANODIZING PROCEDURE).
- ALL DIMENSIONS SHALL BE UNLESS OTHERWISE SPECIFIED.
- ALL MATERIALS SHALL BE IN ACCORDANCE WITH THE VERMONT AGENCY OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2008 AND ITS LATEST REVISIONS.

PROJECT NO. 023-03 ITEM NO. 00040  
 APPROVED: [Signature] DATE: 11/10/10  
 RESUBMIT BY: [Signature] DATE: 11/10/10

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L.B. FOSTER COMPANY  
 1000 VERMONT AVENUE  
 FERRISBURGH, VERMONT 05753

FOR: F. R. LAFFAYETTE, INCORPORATED  
 VERMONT AGENCY OF TRANSPORTATION  
 TOWN OF FERRISBURGH COUNTY OF FRANKLIN  
 BRIDGE BUILDING FOR BRIDGE 170.11 AT THE 104 UNDERPASS  
 S. ALAN BRIDGE ROAD - GENERAL NOTES & TYP. DETAILS

DATE: 11/10/10  
 CHECKED BY: [Signature] DATE: 11/10/10  
 DRAWN BY: [Signature] DATE: 11/10/10