



**DEFINITION OF TERMS**  
 ALL DIMENSIONS IN THE GRADE AND CAMBER DIAGRAMS, EXCEPT THOSE IDENTIFIED OTHERWISE, ARE ALONG THE LONG CHORD. THOSE IDENTIFIED BELOW ARE ALONG THE PLANES THROUGH THE ACTUAL ELEVATIONS.  
 LONG CHORD (LNC)-FROM CL END BRG TO CL END BRG  
 GRADE & CAMBER DIAGRAMS (MCS)  
 GRADE LINE-FROM CL BRG TO CL BRG  
 CHORD LINE-FROM CL END BRG TO CL NEAREST FIELD SPICE OR FROM CL FIELD SPICE TO CL FIELD SPICE

**BLOCKING NOTE**  
 GIRDERS SHALL BE SHOP ASSEMBLED IN THE CAMBERED POSITION WITH THE BEARINGS AND SPLICES BLOCKED TO THE DIMENSIONS SHOWN, WITHOUT INDUCING STRESS INTO THE MEMBERS. FULLY ASSEMBLE AND CHECK ALL BLOCKING AND CAMBER ORDINATES IN THE SHOP, MAKING ADJUSTMENTS WHERE NECESSARY. BOLTS SHALL BE OILED FROM THE SOLE USING THE OUTSIDE SPLICE PLATE AS A TEMPLATE AND MATCH MARKED WITH SPLICE MARKING ASSIGNED TO THE GIRDERS.  
 FOR FIELD ELEVATION, GIRDERS SHALL BE BENT AND BOLTED, AND SPLICE ELEVATIONS SHALL BE CHECKED BEFORE BOLTS ARE TIGHTENED.  
 SHIPPING BOLTS SHALL BE MACHINE BOLTS.  
 ALL SHIPPING BOLTS SHALL BE REMOVED AND RESEARCHED.

STA 9+19.57 TO STA 11+01.07  
 BRIDGE # 42 EAST STREET (THRU 4)  
 WINDSOR, VT  
 CHITTENDEN COUNTY

DESIGNED BY	DATE	SCALE	PROJECT
DRAWN BY	DATE	SCALE	PROJECT
CHECKED BY	DATE	SCALE	PROJECT
APPROVED BY	DATE	SCALE	PROJECT

CONTRACT NO. 11-1000  
 CONTRACT DATE 11/10/00  
 CONTRACT VALUE \$1,000,000  
 CONTRACT TYPE BRIDGE  
 CONTRACT DESCRIPTION BRIDGE # 42 EAST STREET (THRU 4)  
 CONTRACT LOCATION WINDSOR, VT  
 CONTRACT OWNER CHITTENDEN COUNTY  
 CONTRACT AGENT CARROLLS ENGINEERING CORPORATION  
 CONTRACT ADDRESS 100 STATE ST. SUITE 200  
 WINDSOR, VT 05091  
 CONTRACT PHONE 802-748-1100  
 CONTRACT FAX 802-748-1100

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