

LOCATION	7/8" A325 TYPE 1 GALV.					3/4" A325 TYPE 1 GALV.		5/8" A325 TYPE 1 GALV.		
	2 1/4"	2 1/2"	2 3/4"	3"	3 1/4"	4" DOME HEAD	4 1/4"	1 3/4"	2"	2 1/4"
U6 & U12 TRUSS CONNECTION		128		384						
L7 & L11 TRUSS CONNECTION		256								
FLOOR BEAM TO TRUSS					224					
STRINGER SEAT TO FLOOR BEAM			70							
STRINGER SEAT TO ROADWAY STRINGER			140							
STRINGER SEAT TO ROADWAY STRINGER	140									
STRINGER SEAT TO ROADWAY STRINGER		210								
SIDEWALK BRACKET TO TRUSS				104						
SIDEWALK STRINGER TO SIDEWALK BRACKET		56								
SIDEWALK STRINGER CONN. ANGLE TO DIAPHRAGM									64	
SIDEWALK POST SUPPORT TO POST									64	
POST SUPPORT TO STRINGER									64	
CONNECTION ANGLE TO STRINGER								64		
SIDEWALK POST TO RAILING							80			
SIDEWALK RAILING SPLICE							4			
TRUSS TO BRG. ASSEMBLY					16					
UTILITY BRACKET TO TRUSS		42								
LATERAL ROD ANCHOR PLATE TO LATERAL ROD ANCHOR ANGLE				8						
SIDEWALK EXPANSION PLATE TO SIDEWALK EXPANSION ANGLE "A"								8		
TOTAL REQ'D	140	692	210	496	240	4	88	64	64	128
TOTAL ORDERED	150	727	221	521	252	14	98	74	74	138

FINISH	QUANTITY	DESCRIPTION
GALV.	74 PCS.	5/8" x 1 3/4" TYPE 1 A325 B,N,W
GALV.	74 PCS.	5/8" x 2" TYPE 1 A325 B,N,W
GALV.	138 PCS.	5/8" x 2 1/4" TYPE 1 A325 B,N,W
GALV.	14 PCS.	3/4" x 4" TYPE 1 A325 B,N,W DOME HEAD
GALV.	98 PCS.	3/4" x 4 1/4" TYPE 1 A325 B,N,W
GALV.	28 PCS.	3/4" x 16" TYPE 1 A325 B,N,W - STRINGER ANCHOR BOLT
GALV.	150 PCS.	7/8" x 2 1/4" TYPE 1 A325 B,N,W
GALV.	727 PCS.	7/8" x 2 1/2" TYPE 1 A325 B,N,W
GALV.	221 PCS.	7/8" x 2 3/4" TYPE 1 A325 B,N,W
GALV.	521 PCS.	7/8" x 3" TYPE 1 A325 B,N,W
GALV.	252 PCS.	7/8" x 3 1/4" TYPE 1 A325 B,N,W
GALV.	8 PCS.	1 1/2" x 22" TYPE 1 A449, 2 NUTS, 1 WASHER - TRUSS ANCHOR BOLT

FINISH	QUANTITY	DESCRIPTION
GALV.	1 PC.	TRUSS 1- SECTION AB
GALV.	1 PC.	TRUSS 1- SECTION BC
GALV.	1 PC.	TRUSS 1- SECTION CD
GALV.	1 PC.	TRUSS 2- SECTION EF
GALV.	1 PC.	TRUSS 2- SECTION FG
GALV.	1 PC.	TRUSS 3- SECTION GH
GALV.	2 PCS.	FLOOR BEAM A W27x102 @ 23'-7 1/2" W/2 PCS- END PLATE A E3/4"x10"x3 1/4"
GALV.	4 PCS.	4 PCS- LATERAL ROD ANCHOR PLATE "D"- E3/4"x6"x8 1/16"
GALV.	2 PCS.	FLOOR BEAM B W27x102 @ 23'-7 1/2" W/2 PCS- END PLATE B E3/4"x10"x3 1/4"
GALV.	4 PCS.	4 PCS- LATERAL ROD ANCHOR PLATE "D"- E3/4"x6"x8 1/16"
GALV.	3 PCS.	FLOOR BEAM C W27x102 @ 23'-7 1/2" W/2 PCS- END PLATE C E3/4"x10"x3 1/4"
GALV.	4 PCS.	4 PCS- LATERAL ROD ANCHOR PLATE "D"- E3/4"x6"x8 1/16"
GALV.	10 PCS.	ROADWAY END PANEL STRINGER W14x38 @ 14'-8 3/8" W/7/8" x 4" STUDS
GALV.	30 PCS.	ROADWAY INTERIOR PANEL STRINGER W14x38 @ 13'-10 1/8" W/7/8" x 4" STUDS
GALV.	2 PCS.	SIDEWALK STRINGER 1 W8x24 @ 14'-10 3/8"
GALV.	12 PCS.	SIDEWALK STRINGER 2 W8x24 @ 14'-0 1/8"
GALV.	2 PCS.	SIDEWALK STRINGER 3 W8x24 @ 15'-8 3/8"
GALV.	140 PCS.	ROADWAY STRINGER CONN. ANGLE L5"x3 1/2"x3/8" @ 8 1/2"
GALV.	70 PCS.	ROADWAY STRINGER SEAT ANGLE L5"x3 1/2"x3/8" @ 8 3/8"
GALV.	16 PCS.	POST SUPPORT W6x15 @ 1'-2 3/8" W/1PC.- E1/2"x7"x10 5/8" POST PLATE, 1 PC.- E1/2"x7"x7" CONNECTION PLATE
GALV.	64 PCS.	SIDEWALK DIAPHRAGM CONNECTION ANGLE L6"x4"x3/8" @ 4 1/4"
GALV.	16 PCS.	SIDEWALK DIAPHRAGM C6x8.2 @ 2'-6 3/4"
GALV.	2 PCS.	1 PC- SIDEWALK BRACKET END PLATE- E1/2"x10"x29 3/4"
GALV.	2 PCS.	1 PC- SIDEWALK BRACKET END PLATE- E1/2"x10"x29 3/4"
GALV.	3 PCS.	1 PC- SIDEWALK BRACKET END PLATE- E1/2"x10"x29 3/4"
GALV.	12 PCS.	LATERAL RODS 1" x 25'-9" W/6" THREAD ON EACH END
GALV.	4 PCS.	LATERAL RODS 1" x 25'-11" W/6" THREAD ON EACH END
GALV.	4 PCS.	LATERAL ROD ANCHOR ANGLE L8"x4"x1/2" @ 12"
GALV.	4 PCS.	LATERAL ROD ANCHOR PLATE "E" E1/2"x8"x10"
GALV.	1 PC.	DOWN SPOUT ASSEMBLY
GALV.	1 PC.	DOWN SPOUT BRACKET (BENT) E3/8"x4"x2'-7"
GALV.	7 PCS.	UTILITY BRACKET ASSEMBLY
GALV.	1 PC.	SIDEWALK EXPANSION ANGLE "A" L3 1/2"x3 1/2"x1/2" @ 7'-6" W/ 3/4" x 2" CLOSED THREADED ANCHOR FERRULE
GALV.	1 PC.	SIDEWALK EXPANSION ANGLE "B" L6"x3 1/2"x1/2" @ 7'-6" W/ 1/2" x 4" STUDS
GALV.	1 PC.	1 PC.- 1/2"x2"x7'-6" BAR
GALV.	1 PCS.	SIDEWALK EXPANSION PLATE- E1/2"x8"x7'-6"
GALV.	2 ASSY.	TRUSS FIXED BEARING ASSEMBLY SOLE PLATE- 2 PCS- E1"x20"x28" W/ 1/8" HOLES W/1- E3/4"x5"x19" CON-SLIDE PADS- 2 PCS- 1/2"x18"x19" MASONRY PLATE- 2 PCS- E1"x20"x28" W/ 1/8" HOLES
GALV.	2 ASSY.	TRUSS EXPANSION BEARING ASSEMBLY SOLE PLATE- 2 PCS- E1"x20"x28" W/ 1/8" x 4 1/2" SLOTTED HOLES, W/1- E3/4"x5"x19" AND 14 GAUGE STAINLESS STEEL PLATE CON-SLIDE PADS- 2 PCS- 1/2"x18"x19" WITH PTFE SURFACING ON ONE SIDE
GALV.	7 ASSY.	ROADWAY AND SIDEWALK FIXED BEARING ASSEMBLY TOP PLATES E3/4"x8"x18" WITH 1/8" HOLES CONSLIDE TYPE PAD 5/8"x7 1/2"x8" BOTTOM PLATE E3/4"x8"x18" WITH 1/8" HOLES
GALV.	7 ASSY.	ROADWAY AND SIDEWALK EXPANSION BEARING ASSEMBLY TOP PLATE E3/4"x8"x18" WITH 1/8" x 3" SLOTTED HOLES AND 14 GAUGE STAINLESS STEEL PLATE CONSLIDE TYPE PAD 5/8"x7 1/2"x8" WITH PTFE SURFACING ON ONE SIDE MASONRY PLATE- 2 PCS- E1"x20"x28" W/ 1/8" HOLES
GALV.	4 PCS.	TRUSS BEARING ANGLE L8"x6"x3/4" @ 20"
GALV.	1 ASSY.	RAIL SECTION A- 19'-6 1/4" W/ 39 PCS.- 3/4" PICKETS
GALV.	4 ASSY.	RAIL SECTION B- 21'-0 9/16" W/ 42 PCS.- 3/4" PICKETS
GALV.	1 ASSY.	RAIL SECTION C- 19'-2 1/8" W/ 38 PCS.- 3/4" PICKETS
GALV.	1 ASSY.	RAIL SECTION D- 8'-5 15/16" W/ 17 PCS.- 3/4" PICKETS
GALV.	1 PC.	POST A W5x16.5 @ 4'-3 7/16"
GALV.	2 PCS.	POST B W5x16.5 @ 5'-0 1/8"
GALV.	16 PCS.	POST C W5x16.5 @ 4'-7 11/16"
GALV.	1 PC.	POST D W5x16.5 @ 4'-3 5/8"
GALV.	16 PCS.	PLATE WASHER- E1/4"x2"x5"
GALV.	2 PCS.	RAIL SPLICE TUBE @ 23"

ROADWAY & SIDEWALK STRINGER BEARING PLATE DETAIL

FIXED END

7- TOP PLATES E3/4"x8"x18" WITH 1/8" HOLES

7- CONSLIDE TYPE PAD 5/8"x7 1/2"x8"

7- BOTTOM PLATE E3/4"x8"x18" WITH 1/8" HOLES

EXPANSION END

7- TOP PLATE E3/4"x8"x18" WITH 1/8" x 3" SLOTTED HOLES AND 14 GAUGE STAINLESS STEEL PLATE WITH A MIRROR FINISH OF LESS THAN 10 MICRO INCHES RMS

7- CONSLIDE TYPE PAD 5/8"x7 1/2"x8" WITH PTFE SURFACING ON ONE SIDE

7- BOTTOM PLATE E3/4"x8"x18" WITH 1/8" HOLES GALVANIZED

TRUSS BEARING ANGLES

L8"x6"x3/4"

2 W/ 1/8"x4 1/2" SLOTTED HOLES

2 W/ 1/8" HOLES

TRUSS BEARING PLATES

FIXED BEARINGS

SOLE PLATE- 2 PCS- E1"x20"x28" W/ 1/8" HOLES

CON-SLIDE PADS- 2 PCS- 1/2"x18"x19"

MASONRY PLATE- 2 PCS- E1"x20"x28" W/ 1/8" HOLES

EXPANSION BEARINGS

SOLE PLATE- 2 PCS- E1"x20"x28" W/ 1/8" x 4 1/2" SLOTTED HOLES AND 14 GAUGE STAINLESS STEEL PLATE WITH A MIRROR FINISH OF LESS THAN 10 MICRO INCHES RMS

CON-SLIDE PADS- 2 PCS- 1/2"x18"x19" WITH PTFE SURFACING ON ONE SIDE

MASONRY PLATE- 2 PCS- E1"x20"x28" W/ 1/8" HOLES GALVANIZED

TRUSS ANCHOR BOLTS

8 - REQ'D

1 1/2" x 22" A449 GALV. ROD WITH 2 NUTS & ONE WASHER E 1/4" x 4" x 6"

STRINGER ANCHOR BOLTS

28 - REQ'D

3/4" x 16"

NO.	DATE	REVISIONS	BY
1	11/29/04	BEARING PLATES REVISED	JEC
2	11/29/04	ANCHOR BOLTS REVISED	JEC
3	11/29/04	MATERIAL SCHEDULE	JEC
		REVISED	

112'-5" TRUSS BRIDGE

21'-0" RDWY + 6' SW

GRANITE STREET

CITY OF BARRE

WASHINGTON COUNTY, VERMONT

BRIDGE # 11

DESIGN SAF

DRAWN JEC

DATE OCTOBER 20, 2004

CHECK/DATE AG 10/8/04

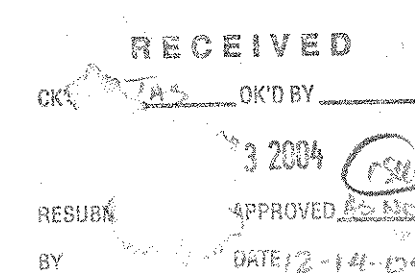
FABRICATOR U.S. BRIDGE

DRAWING NO.

MATERIAL SCHEDULE

SHEET 2 OF 11

NOTE: DRAWINGS RELATIVE DO NOT SCALE



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