



BILL OF MATERIALS, WW4

ITEM #	QTY.	COMPONENT #	DESCRIPTION	MATERIAL (ASTM)
3	1	0013.57060	3' I-END POST W/SPD @ 3'-8" LG	ASTM A572 Gr. 50
4	4	-	W6X9 POST @ 7' W/SPD & Ø9/16" HOLE (SPECIAL)	ASTM A572 Gr. 50
5	3	-	3' I-POST, PUNCH 8", W/8X32" SPADE @ 7' (SPECIAL)	ASTM A572 Gr. 50
10	7	0054.00050	REG BB SHELF ANGLES @ 4-1/2"	ASTM A709 Gr. 50
13	8	0054.00563	6X8" TRANS. TUBE B/D @ 6' LG	A500 Gr. B
17	1	-	6X6" BB TOP TRANS @ 19'-4" LG W/ TURNDOWN & 7' CONVEX RADIUS	A500 Gr. B
18	1	-	6X6" BB BTM TRANS @ 14'-4 1/4" LG W/ 7' CONVEX RADIUS & VERT. RAD	A500 Gr. B
19	7	0080.03355	3/8" X 7 1/2" BOLT, NUT, & 2 FW	A307, A563, F436
20	7	0080.04100	1/2" X 1-1/2" BOLT, NUT, & FW	A307, A563, F436
21	16	0080.04120	1/2" X 1-1/2" BOLT, NUT, & 2 FW	A307, A563, F436
23	4	0080.06340	3/4" X 7-1/2" BOLT, NUT, 2 FW	A325, A563, F436
23	4	-	3/4" LOCK WASHER	ASME B18.21.1
24	8	0080.06370	3/4" X 8" CARR BOLT, NUT, FW & LW	A307, A563, F436

900.620 SPECIAL PROVISION (GUARDRAIL)

ITEM #: APPROACH SECTION TO CONCRETE BRIDGE RAIL

SHEET 1 OF 12

STRUCTURAL STEEL TO COMPLY W/ ASTM A6

TOLERANCE UNLESS OTHERWISE NOTED:
 FRACTIONS = ± 1/16"
 ANGLES = ± 1/2"
 DIAMETERS = ± 1/32"

SPECIAL PROVISION, GRAS - CONCRETE COMBINATION BR.
 ROUTE NO. T.H. 3 (CLASS 2), RURAL COLLECTOR, BRIDGE # 11
 TOWN OF CLARENDON, RUTLAND COUNTY, VT.

R NO.	DATE	DESCRIPTION	BY	R NO.	DATE	DESCRIPTION	BY
E 1	3/10/16	REVISED PER 2/23/16 MARK-UP	E.P.	E			
V 2	4/8/16	REVISED PER 3/22/16 MARK-UP	E.P.	V			

DRAWN: E.P. 01/29/16
 CHECKED: D.L.
 APPROVED: M.V.
 SCALE: SCHEMATIC
 DRAWING NO. FRL-CLARENDON-T

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Vermont Agency of Transportation
RECEIVED
 CK'D BY SC, RF OK'D BY G. Laroche
 April 8, 2016
 RESUBMIT No Approved
 BY K. Higgins DATE 04/11/2016