



BILL OF MATERIAL - APPROACH (4 TOTAL)

Qty	mk	Description	Spec.
4		6 X 6 BM BM TOP @ 20'-9.5" EXP	A500 gr B
4		6 X 6 BM BM BOTT @ 21'-5" EXP	A500 gr B
16		W6 X 8.5 POST @ 7'-0" W/SPADE	A992/A709 GR.50
12		3" I POST @ 7'-0" W/2-8" SPADE	A36
24		3" I POST @ 5'-3" W/SPADE STD	A36
8		3" I POST @ 3'-11" W/SPADE	A36
32		TUBE BLOCKOUT 6" X 8'-6" LONG	A500 gr B
8		TUBE BLOCKOUT 6" X 8'-3" LONG	A500 gr B
4		9' BX BM TRANS FLAREBACK END	A500 gr B
4		5 X 5 DOUBLE BEND SPLICE TUBE	A500 gr B
4		5 X 5 FIXED TUBE SPLICE 27"	A500 gr B
8		5 X 5 EXP TUBE SPLICE 36"	A500 gr B
68		BOX BEAM CLIP ANGLE STD	A36
4		BOX BEAM END ANGLE STD	A36
32		3/4 X 8 CARR BOLT - N FW LW (2 per heavy post)	A307
4		3/4 X 8 HEX BOLT - N 2FW (1 per 9'-0" flareback)	A307
72		1/2 X 1 1/2 HEX BOLT - N FW (1 per shelf / end angle)	A307
80		1/2 X 1 1/2 HEX BOLT - N 2FW LW (2 per tube block)	A307
72		3/8 X 7 1/2 HEX BOLT - N 2FW (1 per shelf angle)	A307
48		3/4 x 7 1/2 HEX BOLT W/ HN & 2 FW (A325) (4 per 6x6 splice)	A325
8		3/4 x 7 1/2 HEX BOLT W/ HN & 2 FW & LW (A325) (2 per angled tumbback splice)	A325
4		RETROREFLECTIVE DELINEATOR with fastening hardware (provided by others)	

3 RAIL BOX BEAM ELEVATION

SE CORNER SHOWN/SW & NE SIMILAR BUT OPPOSITE HAND

SEE SHEET 3 OF 5 FOR LAYOUT OF NW CORNER

Vermont Agency of Transportation

**RECEIVED**

CK'D BY JS OK'D BY WL

January 23, 2014

RESUBMIT NO Approved

BY KH DATE 1-23-2014

ITEM 621.725 GUARDRAIL APPR. SECTION 3 RAIL = 4 EA.

**HIGHWAY SAFETY CORP**

GLASTONBURY, CT  
860-633-9445

ITEM 621.725 APPROACH SECTION  
TOWN OF BARNARD  
COUNTY OF WINDSOR  
VT ROUTE 12 - MAJOR COLLECTOR  
BRIDGE NO. 25  
PROJECT NO. ER BRF 0241(39)

**CERTIFIED FABRICATOR**

HSC JOB NO. 1966

SHEET NO. 2 of 5

GENERAL CONTRACTOR

SUB CONTRACTOR LAFAYETTE

DRAWN RWL CHECKED DATE 11-20-13 SCALE NONE SIZE D