



TYPICAL RAILING ELEVATION
 LOOKING AT TRAFFIC FACE OF RAILING
 FACING NORTHEAST OR SOUTHWEST FROM CENTERLINE OF ROAD

BILL OF MATERIAL
 BOTH SIDES OF BRIDGE

Qty	Utk	Description	Spec.
34		BRIDGE RAILING POST W6 x 25 x 2-2.375" OAH WITH 1 x 10 x 14 BASE PLATE (GLV)	A709 gr 50
10		SPLICE TUBE (FOR 6X4 RAIL) HSS 7 x 3 x 3/8 x 1'-8.000" OAL w TAPPED HOLES & 2 WELDED NUTS (GLV)	A500 gr B
10		SPLICE TUBE (FOR 4X4 RAIL) HSS 3 x 3 x 5/16 x 1'-8.000" OAL w TAPPED HOLES & 2 WELDED NUTS (GLV)	A500 gr B
2	H1	RAIL TUBE HSS 8 x 4 x 5/16 x 23' 1" OAL - FIX splice 1 end, EXP splice 1 end (GLV)	A500 gr B
8	H2	RAIL TUBE HSS 8 x 4 x 5/16 x 23' 1" - 11.750" in OAL - FIX splice both ends (GLV)	A500 gr B
2	H3	RAIL TUBE HSS 8 x 4 x 5/16 x 9' 1" - 10.500" in OAL - FIX splice 1 end, EXP splice 1 end (GLV)	A500 gr B
2	H1	RAIL TUBE HSS 4 x 4 x 1/4 x 23' 1" OAL - FIX splice 1 end, EXP splice 1 end (GLV)	A500 gr B
8	H2	RAIL TUBE HSS 4 x 4 x 1/4 x 23' 1" - 11.750" in OAL - FIX splice both ends (GLV)	A500 gr B
2	H3	RAIL TUBE HSS 4 x 4 x 1/4 x 9' 1" - 10.500" in OAL - FIX splice 1 end, EXP splice 1 end (GLV)	A500 gr B
34		ANCHOR SPACER PLATE PL 0.375 x 13.000 x 9.375	A709 gr 50
136		ANCHOR STUD DBL END 1/2" DIA x 2.000 w 2.250" THD EACH END (GLV)	A449
272		HEAVY HEX NUT 1" (GLV)	A503 DH
136		ROUND WASHER (SAE) 1" DIA SMALL (GLV)	F438
136		JAM NUT 1" (GLV)	A503 DH
136		ROUND HEAD POST BOLT elot or wrench head - F&S shoulder 3/4" DIA x 3" LG. FULL BODY (GLV)	A449 F4325
136		LOCK NUT 3/4" (GLV)	A503 DH
136		ROUND WASHER (SAE) 3/4" (GLV)	F438
20		HEX HEAD BOLT 5/8" DIA x 1.75" LG. (GLV)	A325
20		ROUND WASHER (SAE) 5/8" (GLV)	F438
34		BEARING PAD 0.125" THICK x 10.000 x 14.000 @ NEOPRENE PD (dimo 4'-10")	asphlt P-251

TYLIN INTERNATIONAL

No Exception Taken
 Make Correction as Noted
 Submit Specified Item
 Revise and Resubmit as Noted
 Rejected

Checking is for general compliance with the design concept of the project and general compliance with the information given in the contract documents only. Any action shown is not an approval and is subject to the requirements of the plans and specifications. Any action shown on a specific item shall not indicate the checking of an assembly of which the item is a component. Contractor is solely responsible for: dimensions which shall be confirmed and correlated at the job site, fabrication processes, techniques of construction, safety precautions, and coordination of its work with that of all other trades and the satisfactory performance of its work.

Reviewed By: Daniel S. Myers Date: 08/07/2014

ITEM 525.33 BRIDGE RAILING GALVANIZED 2 RAIL BOX BEAM - 259 LF

No.	Remarks	Date
0	Initial submittal	08/07/14
REVISIONS - APPLIES TO SET		

HIGHWAY SAFETY CORP
 GLASTONBURY, CT
 860-633-9445

ITEM 525.33 BRIDGE RAILING, GALVANIZED 2 RAIL BOX BEAM (S-360A)

TOWN OF HYDE PARK, VERMONT
 VT. ROUTE 15 (MINOR ARTERIAL) BRIDGE #42
 LAMOILLE COUNTY S7P CULV(26)

GENERAL CONTRACTOR: _____
 SUB CONTRACTOR: VT REC
 DRAWN: MKT CHECKED: [Signature] DATE: 07-14-14 SCALE: NONE SHEET: 1 of 3

CERTIFIED FABRICATOR
 2001