



NOTE:
CUSTOMER PLEASE VERIFY POST SPACING AND EXP. JOINT LOCATIONS.

- NOTES:
1. ALL RAILING POSTS ARE PC 27782.
 2. ALL TS 8" x 4" RAIL SPLICES ARE PC 35107.
 3. ALL TS 4" x 4" RAIL SPLICES ARE PC 35103.
 4. TOTAL PAY LENGTH: 1231.48 LIN. FT.
 5. FINISH: GALV. A123, HARDWARE: GALV. A153.

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V.A.O.T.
RECEIVED
CHK'D BY JEL OK'D BY G.Poy
5-30-01 6-4-01
MAY 24 2001
RESUBMIT APPROVED AS NOTED
BY G.Poy DATE 6-4-01

- NOTES
1. All work and materials shall conform to the provisions of Section 525 - Railings of the Standard Specifications for Construction.
 2. Rail posts shall be set normal to grade.
 3. Sections of rail bar shall be attached to a minimum of two [2] rail posts and preferably to at least four [4] posts.
 4. Rail bar expansion joints shall be provided in any rail bay spanning a superstructure expansion joint. Expansion joint width shall be 65mm at PC and will be adjusted in the field by the Engineer.
 5. All parts shall be galvanized after fabrication in accordance with AASHTO M111, except that hardware shall meet the requirements of AASHTO M232. Prior to galvanizing, all corners and edges of steel plates, shapes, etc., shall be ground to a 16mm radius.
 6. Rail posts anchoring nuts shall be tightened to a snug fit and given an additional 45 degree turn.
 7. Any bending of rail shall be by shop procedure only.
 8. Holes in rails for rail bar attachment may be field drilled. Holes shall be coated with an approved zinc-rich paint prior to erection.
 9. Shop Inspection is required.

APPROVAL DRAWING
FOR REMAINDER OF ERECTION DETAILS REFERENCE TO SHT. E3 OF 3 FOR DETAILS SEE SHEET D1, D2, D3 & D4 OF 4 (22) 102392.

GIRARD ENGINEERING DEPT. ISSUED			
MAY 17 2001			
TRINITY INDUSTRIES, INC. 1170 N. STATE STREET GIRARD, OHIO 44420			
REV.	CHK'D	BY	DATE
REMARKS			
ITEM NUMBER 525.33 T2 STEEL BRIDGE RAIL (PL2)			
STATE OF VERMONT AGENCY OF TRANSPORTATION INTERSTATE ROUTE 89		DRAWN SAR	
TOWNS OF FAIRFAX, FAIRLAND & ST. ALBANS COUNTY OF FRANKLIN STATE PROJECT NO. IM 089-3(27) BRIDGE NO. 87/88		CHECKED S.H.	
CUSTOMER NORTHLAND SPECIALTIES P.O. No. VERBAL		SCALE: N.T.S.	
		DATE 4/30/01	
		ENG. FILE # 22-102392-E1	
		SHT. No. E1 OF 3	
		TRINITY SALES ORDER NO. (22) 102392	
		REV. 0	

PLOTTER BY STATION 17: 40:55:09 2004