

WELDING PROCEDURE SPECIFICATION

Material Specification 5X5X5/16 A500 GRADE B
 Welding Process FCAW
 Manual or Machine SEMAUTOMATIC
 Position of Welding FLAT
 Filler Metal Specification A5 20 - 95
 Filler Metal Classification E71T-1H8 E71T-9H8 LINCOLN ULTRACORE
 Flux N/A
 Shielding Gas CO 2 Dew Point -40DEG F Flow Rate 50CFH
 Single or Multiple Pass SINGLE
 Single or Multiple Arc SINGLE
 Welding Current DC
 Polarity REVERSE ELECTRODE POSITIVE
 Welding Progression STRINGER
 Root Treatment CLEAN AS PER SECTION 603 OF THE NYSSCM
 Preheat and Interpass Temperature PREHEAT AS PER TABLE 708 OF THE NYSSCM
 Postheat Temperature NONE
 Heat Input Min _____ Max _____

WELDING PROCEDURE

Pass no	Electrode size	Welding Current		Travel speed	Joint detail
		Amperes	Volts		
1	1/16	300	26	14	
Variable	LIMITS	270	24	12.6	
		TO 330	TO 28	TO 15.4	

NYSDOT METALS ENGINEERING REVIEW
 APPROVED AS NOTED
 DISAPPROVED
 R. Kimbrell
 1/12/09

RECEIVED
 JUL 15 2009
 APPROVED
 DATE 1-11-09

ITEM 568 BRIDGE RAIL

This procedure may vary due to fabrication sequence, fit-up, pass size, etc, within the limitation of variables given in Section 5

Procedure No 1035 Contractor Elderlee, Inc
 Revision No _____ Authorized By RANDY SCOTT
 Date 12/4/2008