

TOP VIEW SHOWING JOINT CONNECTION TYPE X

ROUND STEEL WASHER HARDENED ASTM F436 GALVANIZED TO ASTM B695 CLASS 55

GENERAL NOTES

- CONCRETE SHALL BE A MODIFIED CLASS PC PER THE SPECIAL PROVISIONS ENTITLED "CONCRETE SAFETY BARRIER, SPECIAL".
- WHERE USED, REBAR REINFORCEMENT SHALL BE GRADE 60 AND CONFORM TO DUAL CERTIFICATION TO ASTM A615 AND A706.
- 3. PRECAST BARRIER LENGTH SHALL BE 30 FT. UNLESS OTHERWISE SPECIFIED ON THE PLANS.
- 4. ALL CONCRETE, REINFORCEMENT, JOINT CONNECTION SYSTEMS, GROUT, AND ETC. AS SHOWN ARE CONSIDERED AS PART OF THE BARRIER FOR PAYMENT.
- 5. BOTTOM TROUGH AND DRAINAGE SLOTS SHALL BE AS DETAILED.

- 6. REGARDLESS OF THE METHOD OF HANDLING, BARRIER SECTION LIFTING POINTS SHALL BE 6± 1/4 FEET FROM THE ENDS OF THE BARRIER, LIFTING DEVICES AND ATTACHMENTS TO BARRIER SECTIONS SHALL BE AS APPROVED BY THE ENGINEER.
- 7. SURFACE FINISHING SHALL BE TWO PARTS SAND ONE PART CEMENT WITH ENOUGH WATER TO MAKE THE MIXTURE PLASTIC. GROUTING SHALL BE DONE IN A MANNER THAT WILL ASSURE A SMOOTH SURFACE. SURFACE FINISHING SHALL BE CONSIDERED SUBSIDIARY TO THE VARIOUS BID ITEMS INVOLVED.
- 8. ALL STEEL FITTINGS AND HARDWARE FOR JOINT TYPE X BARRIER SHALL BE GALVANIZED AS DETAILED IN THE CONTRACT SPECIAL PROVISIONS.

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -			CONCRETE SAFETY			F.A.P.	SECTION	COUNTY TOT	AL SHEET
\$FILEL\$	PLOT SCALE = \$SCALE\$ PLOT DATE = \$DATE\$	DRAWN - CHECKED - DATE -	REVISED	STATE OF ILLINOIS				700	1_T	STILL	15 10	
				DEPARTMENT OF TRANSPORTATION	BARRIER SPECIAL				133	1-1		CONTRACT NO
			REVISED -		SCALE:	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.		ILLINOIS	FED. AID PROJECT	/ 10DI4

(FOR WELD INSTRUCTIONS

REFER TO SECTION A-A)

LOWER ASSEMBLY (2)

ASSEMBLED COMPONENTS FOR JOINT TYPE X

APPLY TWO COATS, AFTER WELDING AND SHOT-BLASTING, WITH MIL-P-46105 OR DOD-P-21035 COLD
GALVANIZING COUMPOUND; SPRAY OR SWAB COATING INTERNALLY ON ID, TWO COATS ON PIPE,
WELDS, PLATES AND REBARS 12" PAST BEND TOTAL THICKNESS OF COMBINED COATS SHALL BE 6 TO 12 MILS.

JOINT CONNECTION (TYPE X)

(FOR WELD INSTRUCTIONS

REFER TO SECTION A-A)

UPPER ASSEMBLY (2)