

2½" Ø SCH 40 STEEL PIPE — HSS 3½" x 3½" x ¼ END POST FENCE RAILING ONLY 1" x 1½" SLOTTED HOLES

BASE P

SCALE: NONE

- OF THE HANDRAIL, ITS CONFIGURATIONS AND ITS INSTALLATION TO THE ENGINEER FOR APPROVAL PRIOR TO ORDERING MATERIALS.
- 509 OF THE STANDARD SPECIFICATIONS, EXCEPT AS NOTED, AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT
- 3. HOLLOW STRUCTURAL STEEL TUBING SHALL CONFORM TO THE REQUIREMENTS OF ASTM DESIGNATION A 500, GRADE B, STRUCTURAL
- 4. ALL OTHER STEEL SHAPES AND PLATES SHALL CONFORM TO THE REQUIREMENTS OF
- GROUTING THE ANCHOR RODS IS CHOSEN. THE CONTRACTOR SHALL USE THE CAPSULE OR ADHESIVE CARTRIDGE TYPE ANCHOR RODS THAT HAVE BEEN PREVIOUSLY TESTED AND DEPARTMENT. THE CONTRACTOR SHALL PRE-DRILLED HOLES ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS AND PROCEDURES. THE CAPSULE OR THE ADHESIVE CARTRIDGE SHALL BE SEALED WITH PREMEASURED AMOUNTS OF THE ADHESIVE CHEMICAL.
- 6. SPACE REINFORCEMENT TO MISS ANCHOR RODS.
- 7. ALL POSTS, RAILING, SPLICES, ANCHOR DEVICES, AND PLATES SHALL BE GALVANIZED AFTER SHOP FABRICATION ACCORDING TO AASHTO M 111 AND ASTM A 385. ALL BOLTS, NUTS, WASHERS, AND ANCHOR RODS SHALL BE GALVANIZED ACCORDING TO AASHTO M 232 EXCEPT STAINLESS STEEL BOLTS AS NOTED.
- VENT HOLES FOR GALVANIZING SHALL BE PLACED IN THE POSTS AND RAILS AT LOCATIONS THAT WILL NOT ALLOW THE ACCUMULATION OF MOISTURE IN THE MEMBERS.
- 9. HANDRAIL SHALL BE PAINTED BLACK PER ARTICLE 509.05.

SPECIFI	CATIONS, EMBEDMENT SHAL	L BE ACCORDING TO THE	MANUFACTURER'S SPECIFICATIONS.
FILE NAME =		DESIGNED -	REVISED —
DETAILSH,DWG		DRAWN	REVISED —
ĺ		CHECKED —	REVISED —
		DATE —	REVISED -

ANCHOR BOLT DETAILS FOR MOUNTING HANDRAIL

ONTO PCC SIDEWALK 6 INCH, SPECIAL

IN LIEU OF THE CAST-IN-PLACE ANCHOR DEVICE SHOWN, THE CONTRACTOR HAS THE OPTION OF

DRILLING AND SETTING 1/8" Ø ANCHOR RODS ACCORDING TO ARTICLE 509.06 OF THE STANDARD

指" FABRIC

₹₆

REINFORCED ELASTOMERIC PAD

1" ROUND BAR STOCK

AASHTO M270 G50 - TAP

½" x 1½" x 7½" BAR-

FOR %" Ø MACH. BOLTS

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

x 1½" x 5¼" BAR

	Hassell	Road	STP	Project			
Details							
	SHEET NO. 3 C	F 4 SHE	ETS S	TA,	TO STA		

TOTAL SHEE SHEETS NO. SECTION COUNTY 164 127 1100 11-00087-00-FP Cook CONTRACT NO. 63770 ILLINOIS FED. AID PROJECT CMM 9003(757)