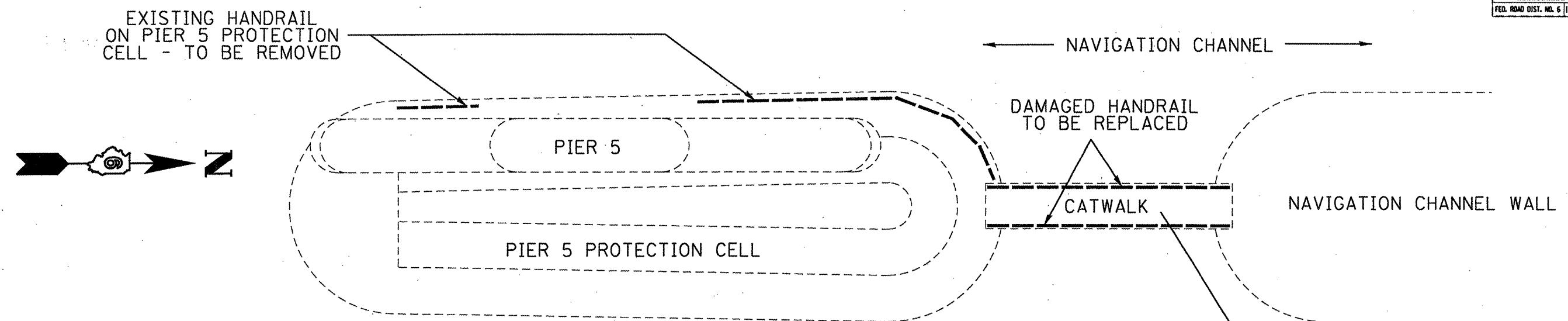
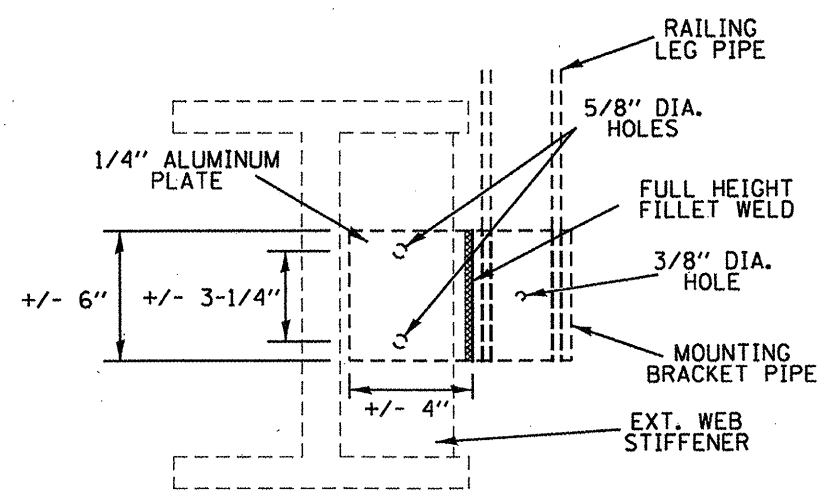


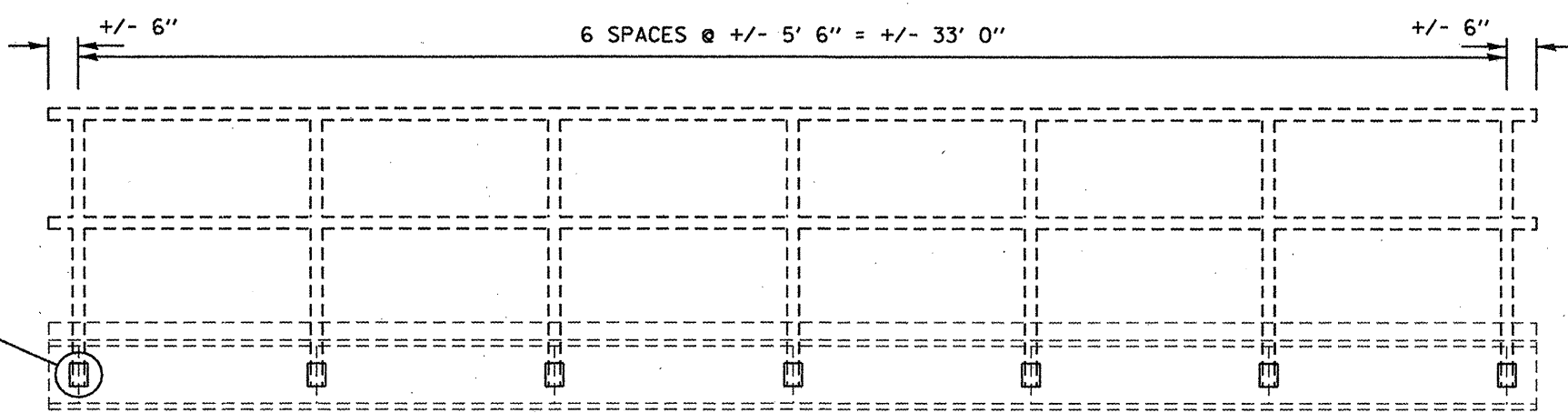
CONTRACT NO. 72052				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	(228)1-1	HANCOCK	13	13
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				



HANDRAIL REPAIR AREAS - PLAN VIEW



TYPICAL EXISTING RAIL MOUNTING BRACKET ELEVATION VIEW



EXISTING CATWALK HANDRAIL ELEVATION

NOTES:

THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL PLAN DIMENSIONS PRIOR TO HANDRAIL FABRICATION.

THE NEW HANDRAIL SHALL BE HOLLANDER SPEED-RAIL REMOVABLE RAILING OR EQUIVALENT (WWW.HOLLANDER.COM). THE CONTRACTOR SHALL DESIGN A NEW HANDRAIL SYSTEM AND SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR APPROVAL PRIOR TO ORDERING MATERIALS. THE HANDRAIL SHALL CONFORM TO ALL APPLICABLE OSHA STANDARDS, SPECIFICALLY 1910.23(e). THE RAIL SHALL BE CONSTRUCTED IN INDIVIDUAL SECTIONS BETWEEN 6' AND 16' IN LENGTH AND SHALL PROVIDE FOR EASY REMOVAL DURING FLOOD EVENTS. MOUNTING THE RAIL TO THE CATWALK USING THE EXISTING HOLES IN THE WEB STIFFENERS IS PREFERRED, BUT OTHER METHODS OF ATTACHMENT MAY BE USED IF APPROVED BY THE ENGINEER. THE PIPE USED SHALL BE 2" I. D. SCHEDULE 40, ALUMINUM ALLOY 6061-T6, WITH AN ANODIZED FINISH. ALL FITTINGS AND COUPLINGS SHALL ALSO HAVE AN ANODIZED FINISH. THE NEW HANDRAIL SHALL BE MEASURED FOR PAYMENT ALONG THE TOTAL LENGTH OF THE FINISHED RAILING.

ANY EXISTING HANDRAIL OR MOUNTING BRACKETS PRESENT ON THE CATWALK SHALL BE REMOVED PRIOR TO NEW RAIL INSTALLATION. THE COST FOR THIS WORK SHALL BE INCLUDED IN THE BID PRICE FOR HANDRAIL REMOVAL.

ACCESS TO THE WORK AREA SHALL BE VIA LOCK AND DAM #19. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THE ARMY CORPS OF ENGINEERS. THE CONTACT PERSON WILL BE LOCK MASTER, BILL ROBINSON, PHONE (319) 524-2631. THE CORPS OF ENGINEERS SHALL HAVE AUTHORITY TO REGULATE THE CONTRACTORS ACCESS TO THE WORK AREA. SPECIAL CARE SHALL BE TAKEN BY THE CONTRACTOR TO IN NO WAY INHIBIT THE FLOW OF BARGE TRAFFIC OR ENCUMBER THE OPERATION OF THE LOCK.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**HANDRAIL DETAILS**

FAP 315 (US 136)  
SECTION (228)1-1  
HANCOCK COUNTY

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_

DATE \_\_\_\_\_ DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_