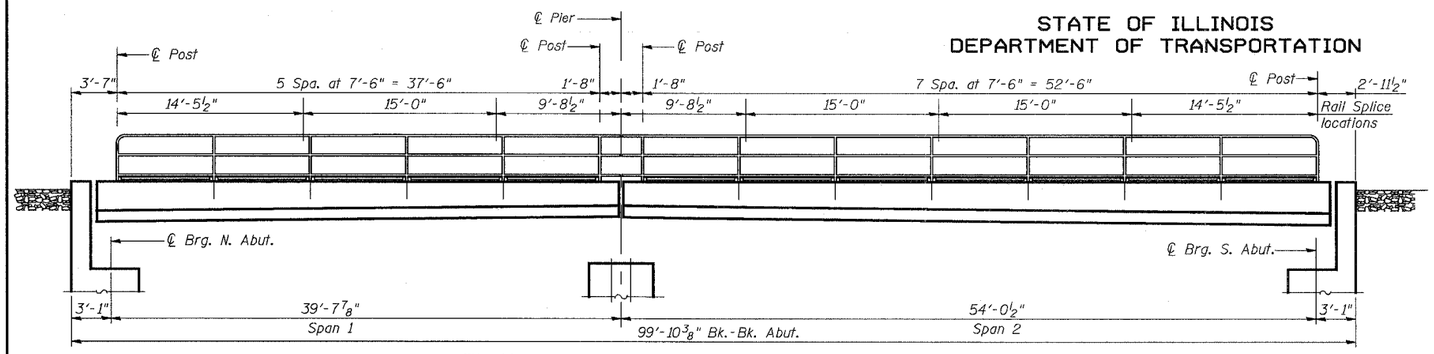
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

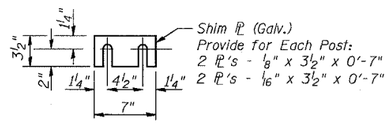
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 351	2008-00IVB	COOK	579	392
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 7
25 SHEETS
CONTRACT NO. 60E10

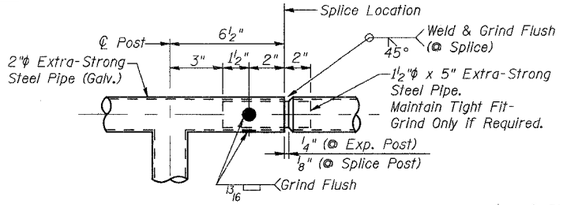


ELEVATION OF HANDRAIL ALONG BRIDGE

(Looking East)
(West Parapet Only)

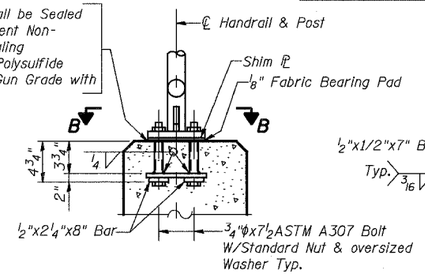


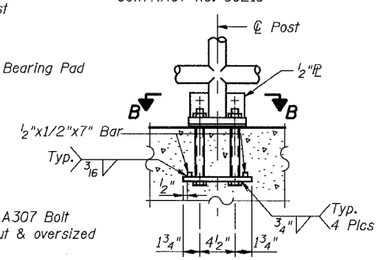
SHIM PLATE

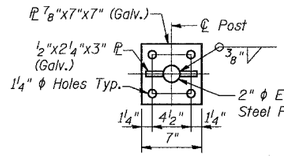


SPLICE DETAIL

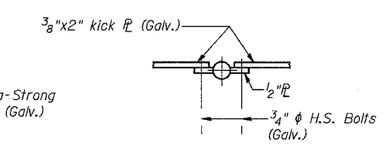
Base of Post Shall be Sealed with Two Component Non-Staining Gray Sealing Compounds with Polysulfide Liquid Polymers-Gun Grade with Primer.





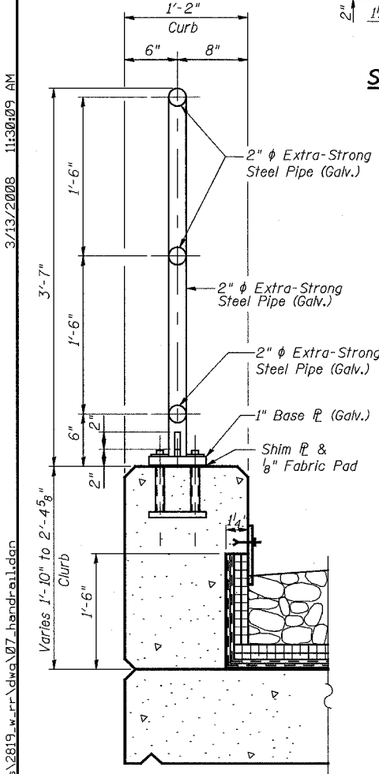


BASE PLATE DETAIL

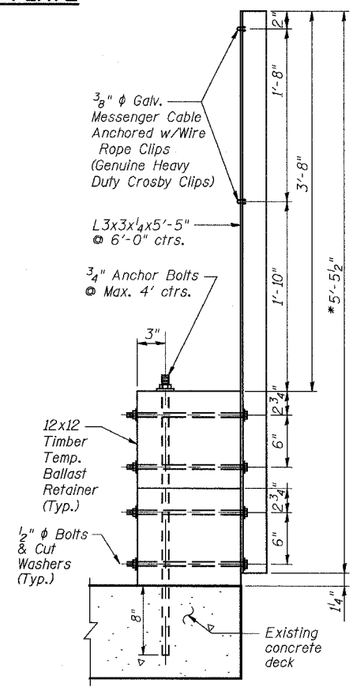


SECTION B-B

ANCHOR BOLT DETAILS

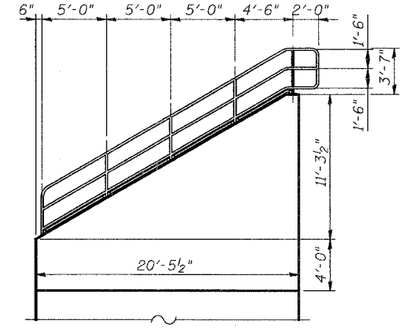


TYPICAL CURB SECTION ON DECK

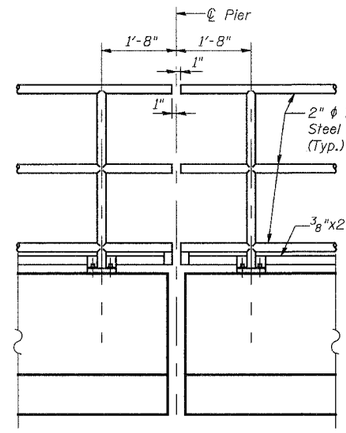


TYPICAL SECTION
TEMP. BALLAST RETAINER SYSTEM

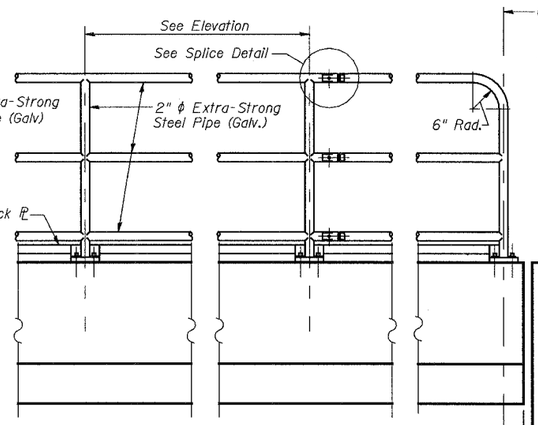
For location and length of Temporary Ballast Retainer System, See Sheets 1 & 11.



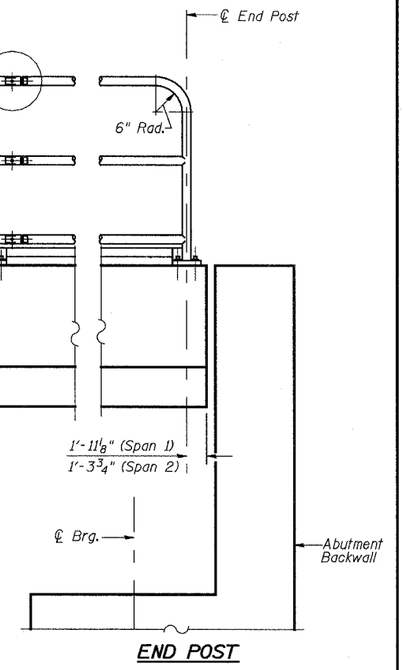
N. ABUT. WINGWALL RAILING
S. ABUT. WINGWALL MIRROR IMAGE



AT PIER



TYPICAL PANEL



END POST

Notes:
The Temporary Ballast Retainer & Safety Railing is to be removed at the completion of work.
All bolts, nuts & washers shall be galvanized according to AASHTO M 232
All post, pipe, pipe splices and base and shim plates shall be galvanized after shop fabrication according to AASHTO M 111 and ASTM A 385. Galvanized pipe shall not be painted.
Contractor shall provide working drawings to show the specific design of the Temporary Ballast Retainer as indicated in the Special Provision "Temporary Ballast Retainer System".
* Increase dimension 6'-5" if timber ballast retainers are larger than 11¼" square.

BILL OF MATERIAL

Item	Unit	Quantity
Pipe Handrail, Special	Foot	144
Temporary Ballast Retainer	Foot	39

DESIGNED	AEU
CHECKED	JPB
DRAWN	AEU
CHECKED	JPB

REVISIONS NAME	DATE

URS
100 South Wacker Drive, Suite 500
Chicago, IL 60606
(312) 939-1000

ILLINOIS DEPARTMENT OF TRANSPORTATION
US RTE 6 FROM I-294 TO IL RTE 1

HANDRAIL DETAILS

CN GATEWAY LEAD TRACK
BRIDGE 20.6E OVER U.S. RTE. 6 (159TH STREET)
STATION 93+69.01 STRUCTURE NO. 016-2819
SCALE: N.T.S. DATE: 2/21/2008

a:\7049.069\structures\2819_w_rr\dwg\07 handrail.dgn 3/13/2008 11:30:09 AM