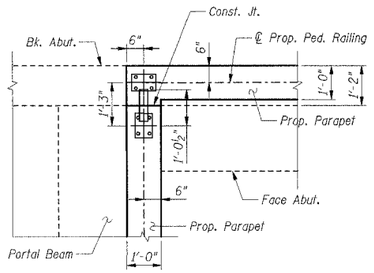
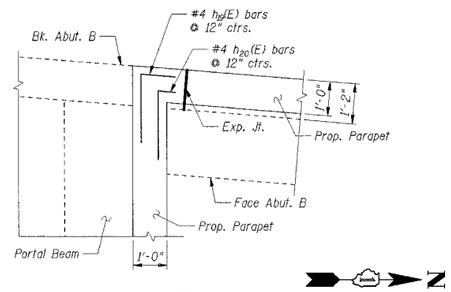
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	COOK	916	575K
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 62304
*(1516.1, 1717, & 1818) R-4



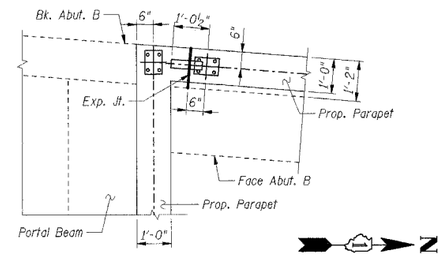
TYPICAL CORNER DETAIL A

(typ. at all prop. parapet corners, U.N.O.)
Showing Railing Layout



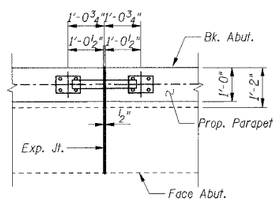
PLAN DETAIL B

(North 33" Portal Beam & Abut. B)
Showing Reinforcement



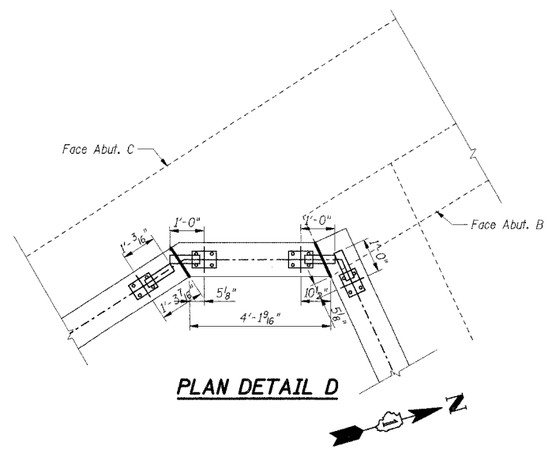
PLAN DETAIL B

(North 33" Portal Beam & Abut. B)
Showing Railing Locations

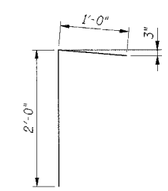


PLAN DETAIL C

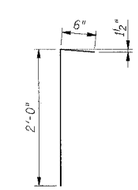
(typ. at all parapet expansion joints)



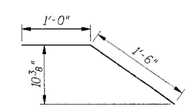
PLAN DETAIL D



Bar h19(E)



Bar h20(E)



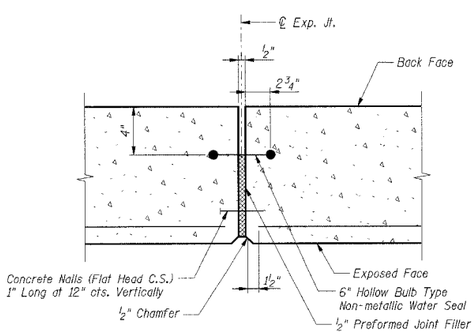
Bar d9(E)

BAR LIST

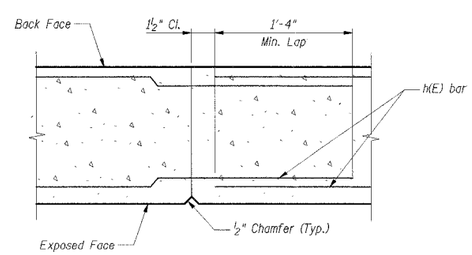
Bar	No.	Size	Length	Shape
h1(E)	30	#4	17'-9"	
h2(E)	16	#4	18'-8"	
h3(E)	24	#4	18'-4"	
h4(E)	6	#4	19'-0"	
h5(E)	18	#4	18'-9"	
h6(E)	36	#4	19'-1"	
h7(E)	12	#4	21'-8"	
h8(E)	16	#4	14'-2"	
h9(E)	4	#4	13'-8"	
h10(E)	18	#4	18'-5"	
h12(E)	4	#4	15'-4"	
h13(E)	12	#4	18'-7"	
h14(E)	36	#4	18'-3"	
h15(E)	24	#4	18'-10"	
h16(E)	24	#4	19'-5"	
h17(E)	12	#4	3'-9"	
h18(E)	28	#4	17'-2"	
h19(E)	4	#4	3'-0"	
h20(E)	4	#4	2'-6"	
d1(E)	100	#5	4'-9"	
d2(E)	100	#4	4'-0"	
d3(E)	163	#5	3'-6"	
d4(E)	163	#4	2'-9"	
d5(E)	30	#5	5'-10"	
d6(E)	45	#5	5'-4"	
d7(E)	45	#5	8'-4"	
d8(E)	30	#5	8'-10"	
d9(E)	824	#5	2'-6"	
d10(E)	6	#4	8'-0"	
d11(E)	14	#4	1'-11"	
v1(E)	74	#5	5'-3"	

BILL OF MATERIAL

Item	Unit	Total
Concrete Removal	Cu Yd	10.0
Concrete Superstructure	Cu Yd	99.2
Reinforcement Bars, Epoxy Coated	Pound	9,160



EXPANSION JOINT DETAIL



CONSTRUCTION JOINT DETAIL

NOTES:

1. See Sht. ST-005 for railing details.
2. Work this Shts. ST-003A, ST-003B, ST-003H, ST-003I and ST-003J.
3. Bars designated (E) shall be Epoxy Coated.
4. N.F. denotes Near Face.
   E.F. denotes Each Face.
5. Bars indicated thus: 4x2#6 etc. indicates 4 lines of bars with 2 lengths per line.

SHT. ST-003K

REVISIONS		
	NAME	DATE
1	ADDENDUM 1	05/08/06

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 57 (INTERSTATE 57) OVER
F.A.I. ROUTE I-94 SB & CTA TRACKS-BRIDGE REPAIRS
SN 016-0073
COOK COUNTY
SECTION (1516.1, 1717, & 1818) R-4
PARAPET DETAILS & BAR LIST

DATE: 05/08/06
DRAWN BY: MDB
CHECKED BY: BGK

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
206 N. MICHIGAN AVE., CHICAGO, IL 60601
TELEPHONE: 312.616.0000

1 Added Sheet 05/08/2006, MDB

\RBRIDGE\RBRIDGE.DGN, \OFEGOYOY.DGN, \SDTOOYNE.DGN, \ALTOOYSL.DGN, \OFEGONHL.DGN, \OIC900K17.DGN, \RDWOOYSG.DGN, \TFOOOTRL.DGN, \SUROOYKL.DGN
5/07/2006, 1:19PM T:\DOCUMENT\ROUREG\STRUCT\DGN\SDTOOYPL.DGN LEE AC