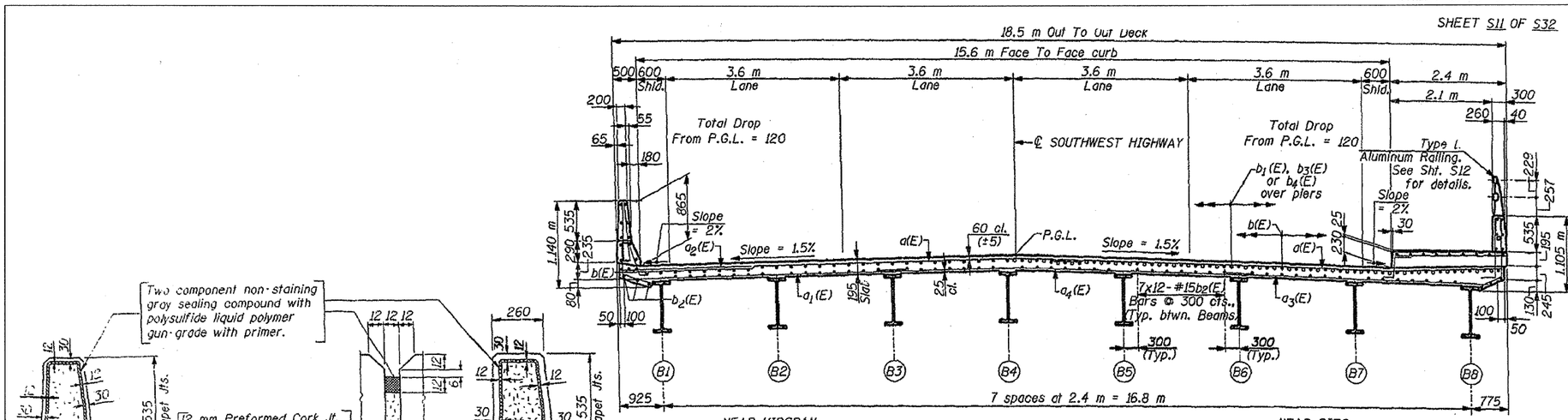
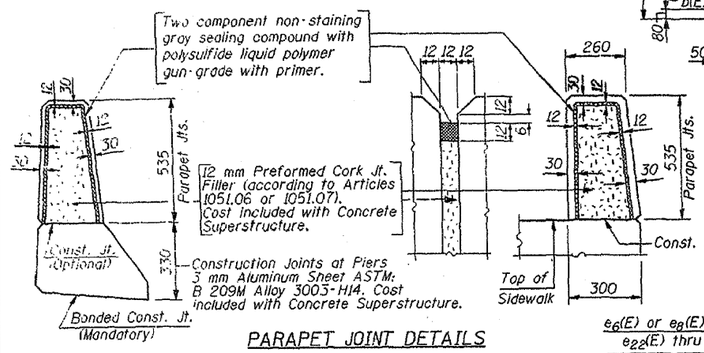
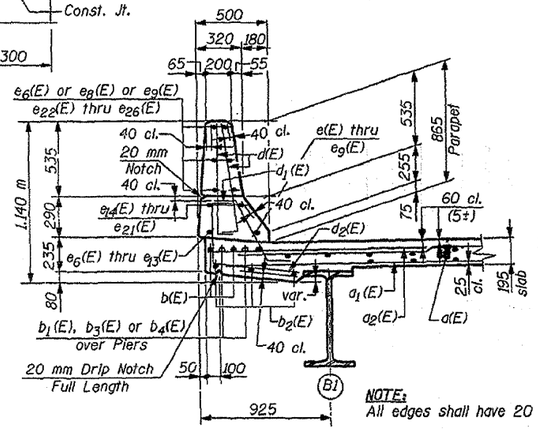
F.A.. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	15VB-1-R	COOK	243	185
STA. 4+665.229		TO STA. 4+777.600		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	



CROSS SECTION
(Looking Northeast)
(Spans 11 thru 15)

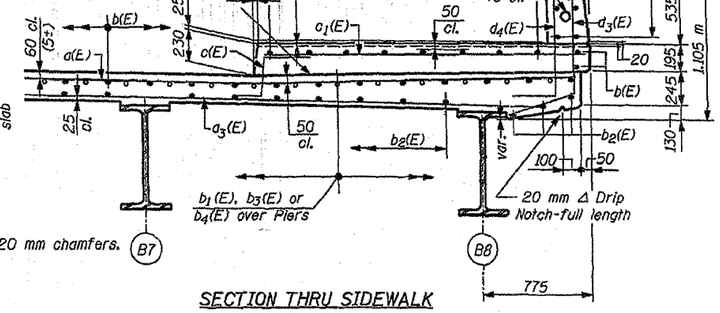


PARAPET JOINT DETAILS

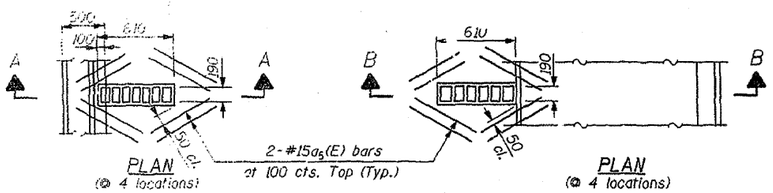


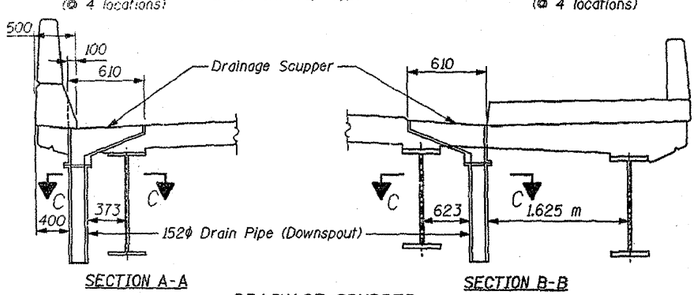
NOTE:
All edges shall have 20 mm chamfers.

SECTION THRU PARAPET
(SPANS 11 THRU 15)

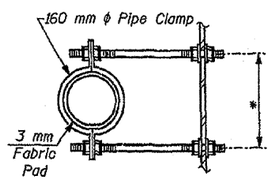


SECTION THRU SIDEWALK
(SPANS 11 THRU 15)

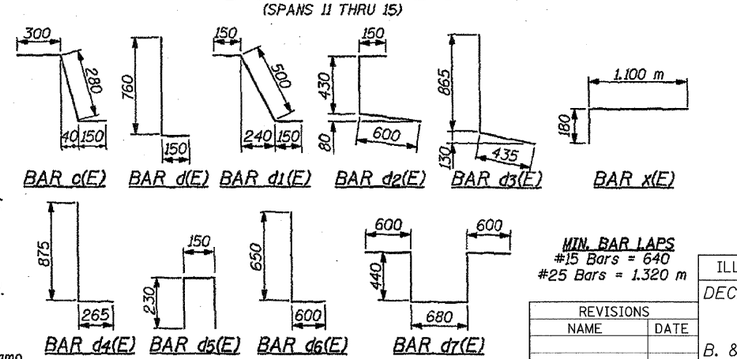




DRAINAGE SCUPPER



SECTION C-C
* Dimension as required by Pipe Clamp



MIN. BAR LAPS
#15 Bars = 640
#25 Bars = 1.320 m

NOTES:
Work this Sheet with Sht. S7 thru S10.
See Sht. S29 for Drainage Scupper Details

SUPERSTRUCTURE BILL OF MATERIAL
SPAN 11 THRU 15

Bar	No.	Size	Length (m)	Shape
a(E)	1,300	#15	9.40	
a1(E)	462	#15	5.90	
a2(E)	323	#20	1.20	
a3(E)	462	#15	5.57	
a4(E)	462	#15	7.84	
a5(E)	64	#15	0.60	
b(E)	962	#15	8.04	
b1(E)	124	#20	8.80	
b2(E)	660	#15	8.66	
b3(E)	62	#20	11.00	
b4(E)	62	#20	10.00	
c (E)	324	#15	0.73	
c1(E)	324	#15	2.30	
d (E)	693	#15	0.91	
d1(E)	353	#15	0.80	
d2(E)	324	#15	1.18	
d3(E)	324	#15	1.30	
d4(E)	324	#15	1.14	
d5(E)	84	#15	0.61	
d6(E)	6	#20	1.25	
d7(E)	10	#20	2.76	
e (E)	2	#15	3.71	
e1(E)	4	#15	5.65	
e2(E)	2	#15	5.40	
e3(E)	1	#15	1.75	
e4(E)	1	#15	2.25	
e5(E)	1	#15	8.55	
e6(E)	56	#15	2.40	
e7(E)	4	#15	7.40	
e8(E)	28	#15	4.90	
e9(E)	28	#15	4.50	
e10(E)	2	#15	7.70	
e11(E)	2	#15	6.47	
e12(E)	2	#15	6.97	
e13(E)	2	#15	6.65	
e14(E)	4	#25	8.04	
e15(E)	8	#25	2.40	
e16(E)	4	#25	7.75	
e17(E)	4	#25	4.90	
e18(E)	4	#25	7.31	
e19(E)	4	#25	4.50	
e20(E)	4	#25	6.99	
e21(E)	4	#25	6.81	
e22(E)	36	#15	4.85	
e23(E)	36	#15	4.03	
e24(E)	36	#15	4.65	
e25(E)	36	#15	4.36	
e26(E)	36	#15	4.15	
x(E)	128	#15	1.28	
Concrete Superstructure			m^3	462.7
Reinforcement Bars, Epoxy Coated			kg	69,040

Reinforcement bars designated (E) shall be Epoxy Coated.

All dimensions are in millimeters (mm) except as noted.

REVISIONS

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

DECK CROSS SECTION, BILL OF MATERIAL AND DECK DETAILS
SOUTHWEST HIGHWAY OVER
B. & O.C.T. RAILROAD AND MELVINA DITCH
F.A.U. ROUTE 3578 SEC. 15VB-1-R
COOK COUNTY STATION 4+716.471
STRUCTURE NO. 016-0463

SCALE:
DATE: 6/17/09
DRAWN BY: F. MUNIR
CHECKED BY: B. SHAH

CHRISTIAN - ROGE & ASSOC.
CHICAGO ILLINOIS

FOR INFORMATION ONLY