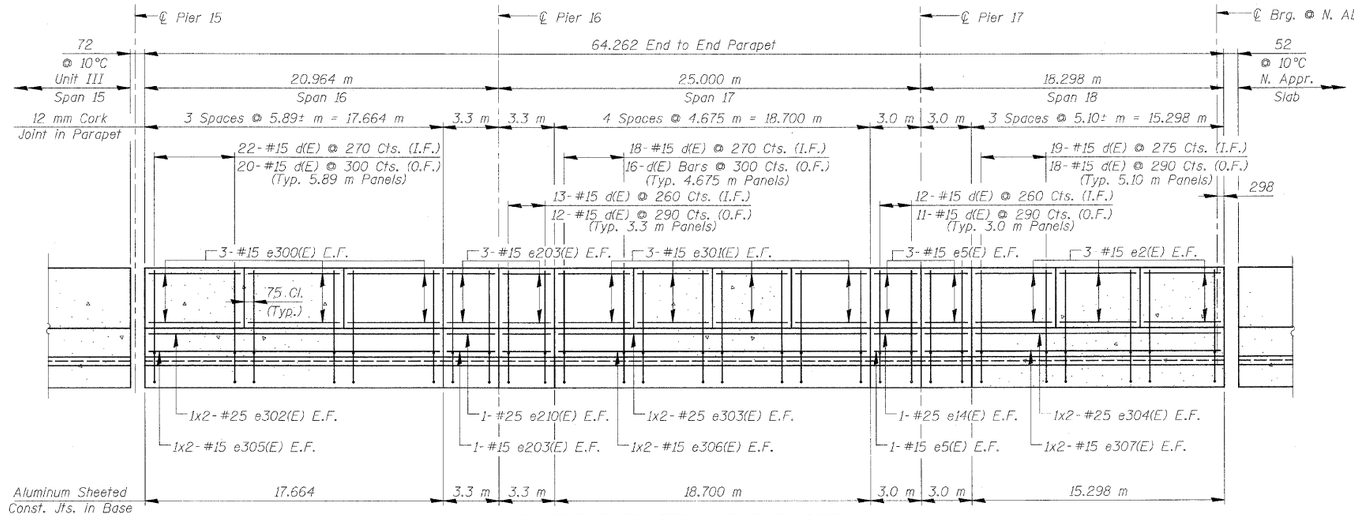
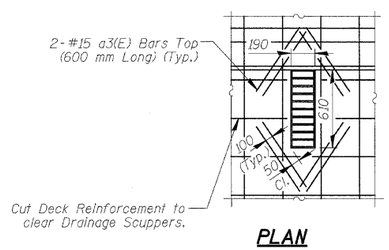
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	15V B-1-R-1	COOK	243	119
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 62388

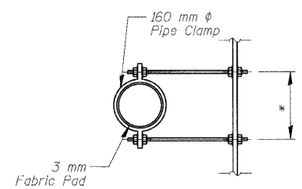


INSIDE ELEVATION OF PARAPET

(Looking Northwest)



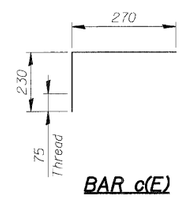
PLAN



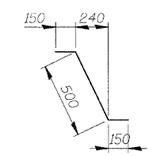
SECTION B-B

DRAINAGE SCUPPER DETAILS

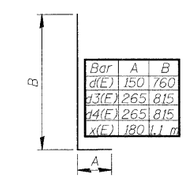
* Dimension as required by Pipe Clamp



BAR c(E)

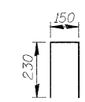


BAR d1(E)

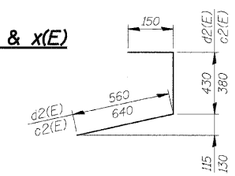


Bar	A	B
d(E)	150	760
d3(E)	265	815
d4(E)	265	815
x(E)	180	1.1 m

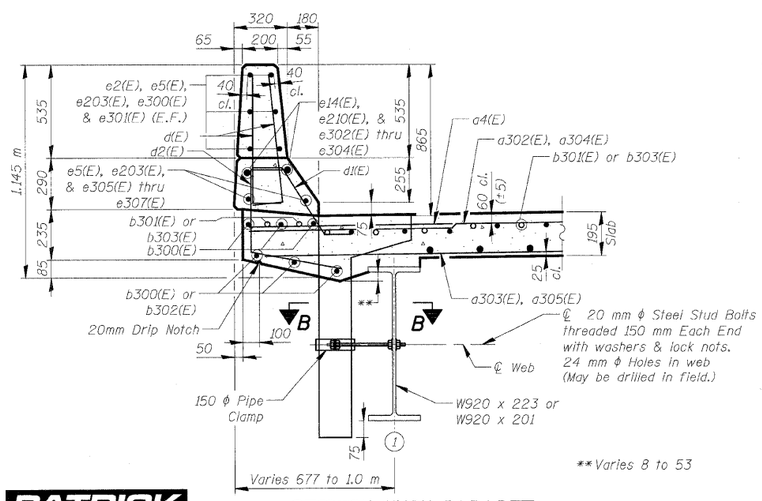
BARS d(E), d3(E), d4(E) & x(E)



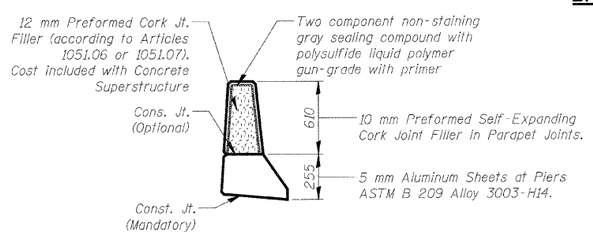
BAR d5(E)



BAR c2(E) & d2(E)



SECTION THRU PARAPET



PARAPET JOINT DETAILS

Const. Jts. at Piers and Locations as Shown.
(Cost included with Concrete Superstructure)

NOTES

1. Reinforcement bars designated (E) shall be Epoxy Coated.
2. Bars indicated thus 20 x 3 - #15 etc. indicates 20 lines of bars with 3 lengths per line.
3. All dimensions are in millimeters (mm) except as noted.
4. The cost of expansion anchors/inserts is included in the cost of Reinforcement Bars, Epoxy Coated.

SUPERSTRUCTURE - UNIT III BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH (m)	SHAPE
a3(E)	48	#15	0.60	
a4(E)	219	#20	1.20	
a300(E)	740	#15	6.33	
a301(E)	740	#15	5.13	
a302(E)	690	#15	6.95	
a303(E)	703	#15	5.75	
a304(E)	58	#15	7.33	
a305(E)	40	#15	7.20	
b300(E)	1,292	#15	8.47	
b301(E)	76	#20	12.30	
b302(E)	156	#15	4.49	
b303(E)	76	#20	11.12	
c(E)	215	#15	0.50	
c1(E)	215	#15	3.20	
c2(E)	215	#15	1.17	
d(E)	469	#15	0.91	
d1(E)	234	#15	0.80	
d2(E)	215	#15	1.14	
d3(E)	224	#20	1.08	
d4(E)	224	#15	1.08	
d5(E)	46	#15	0.61	
e2(E)	36	#15	4.95	
e5(E)	28	#15	2.85	
e14(E)	4	#25	2.85	
e203(E)	28	#15	3.15	
e210(E)	4	#25	3.15	
e300(E)	36	#15	5.74	
e301(E)	48	#15	4.53	
e302(E)	4	#25	9.29	
e303(E)	4	#25	9.81	
e304(E)	4	#25	8.11	
e305(E)	4	#15	9.01	
e306(E)	4	#15	9.53	
e307(E)	4	#15	7.83	
x(E)	157	#15	1.28	
Concrete Superstructure			m³	388.6
Bridge Deck Grooving			m²	1,180
Protective Coat			m²	1,608
Reinforcement Bars, Epoxy Coated			kg	57,640
Bar Splicers			Each	736

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS - UNIT IV-B

SOUTHWEST HIGHWAY OVER B&O RAILROAD AND STONY CREEK

FAU 3578 SECTION 15V B-1-R-1

STRUCTURE NUMBER 016-2771

COOK COUNTY STATION 4+716.497

SCALE: NONE DRAWN BY: M. Tryon

DATE: 6/17/09 CHECKED BY: A. Yargiooglu

PATRICK ENGINEERING INC. LISLE, ILLINOIS

tkoepper(Rdwy_Lisle) 6/26/2009 1:43:20 AM Q:\IDOT\9556_A0\Drawings\STRUCT\29_Deck_Details UNIT IV B.dgn