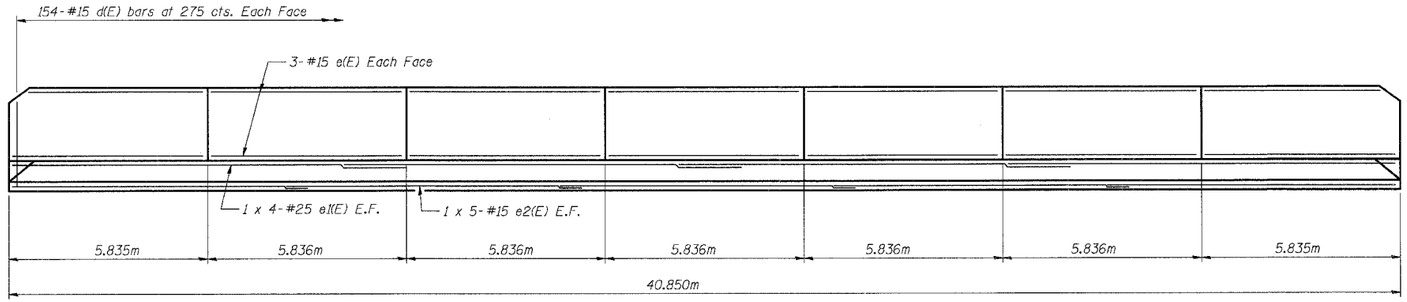
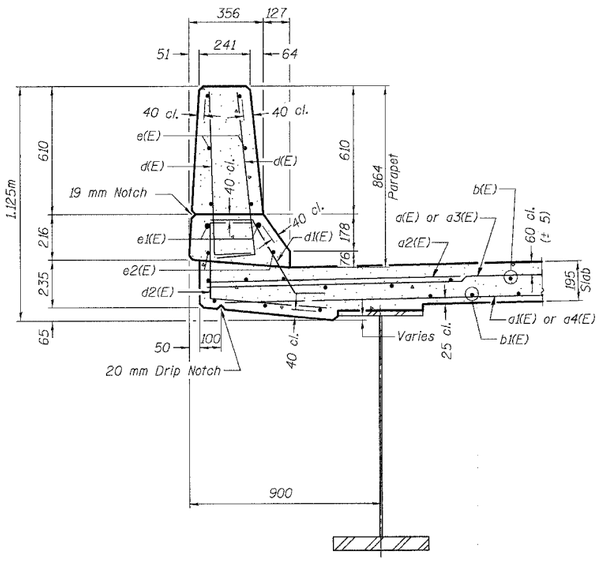
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	70HB-R-1	COOK	283	198
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

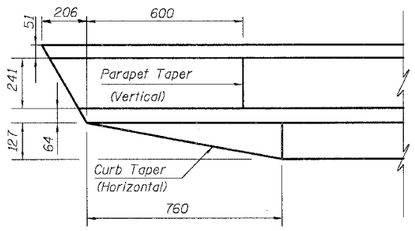
CONTRACT NO. 62897



INSIDE ELEVATION OF PARAPET

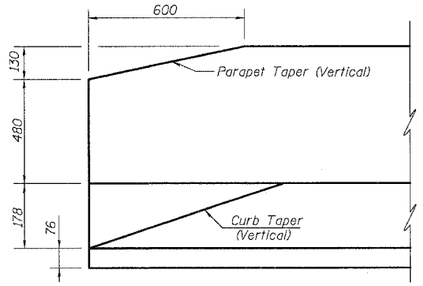


SECTION THRU PARAPET



END PLAN @ APPROACH

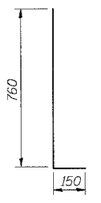
(West End Shown, East End Similiar)



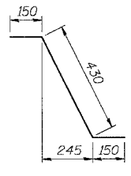
END ELEVATION (Along I.F. Parapet)

SUPERSTRUCTURE BILL OF MATERIAL

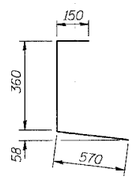
Bar	No.	Size	Length (m)	Shape
d(E)	620	15	7.880	
d1(E)	636	15	5.470	
d2(E)	310	20	1.400	
d3(E)	620	15	7.155	
d4(E)	636	15	4.990	
d5(E)	24	15	0.450	
b(E)	396	15	10.540	
b1(E)	480	15	8.550	
b2(E)	9	15	7.770	
b3(E)	3	15	1.300	
b4(E)	6	15	10.020	
c1(E)	133	15	0.440	
c2(E)	266	15	0.525	
d(E)	616	15	0.910	
d1(E)	296	15	0.730	
d2(E)	308	15	1.080	
d3(E)	12	15	0.655	
d4(E)	3	20	1.347	
d5(E)	5	20	2.718	
e(E)	84	15	5.760	
e1(E)	16	25	11.180	
e2(E)	20	15	8.670	
m(E)	88	20	8.930	
s(E)	192	15	2.780	
s1(E)	86	15	3.380	
s2(E)	86	15	3.430	
s3(E)	8	15	3.120	
u(E)	180	15	1.500	
u1(E)	8	15	1.950	
v(E)	190	15	1.100	
Reinforcement Bars, Epoxy Coated			Kg	47,590
Concrete Superstructure			Cu M	370.6



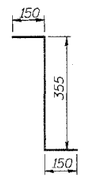
BAR d(E)



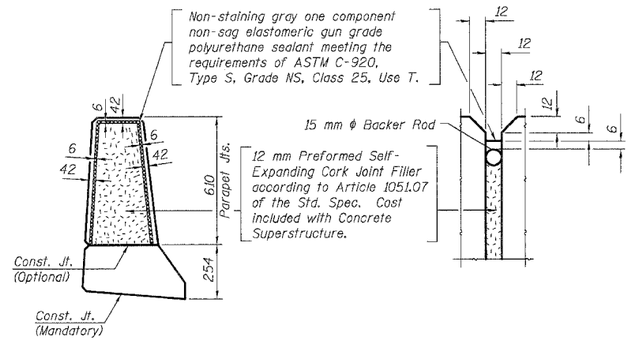
BAR d1(E)



BAR d2(E)



BAR d3(E)



PARAPET JOINT DETAILS

NOTES:

1. Reinforcement bars designated (E) shall be epoxy coated.
2. All Expansion Anchors shall be Epoxy Coated and included in the cost of "Reinforcement Bars, Epoxy Coated".

MIN. BAR LAP

#15 bar = 640
#25 bar = 1.320m

SHT. S-13 OF S-27

REVISIONS NAME	DATE

STV Incorporated
Engineers/Architects/Planners/Construction Managers
200 W. Monroe Street, Suite 1650
Chicago, IL 60606-5015
312/553-4655, FAX 312/553-0661

ILLINOIS DEPARTMENT OF TRANSPORTATION
IL ROUTE 68 OVER US ROUTE 14
F.A.P. ROUTE 343 SECTION 70HB-R-1
COOK COUNTY STATION 10+001.778
STRUCTURE NO. 016-2861

PARAPET ELEVATION, DECK DETAILS, & B.O.M.

DESIGNED: BTO DRAWN: BTO
DATE: 10/06 CHECKED: JAN CHECKED: JAN

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