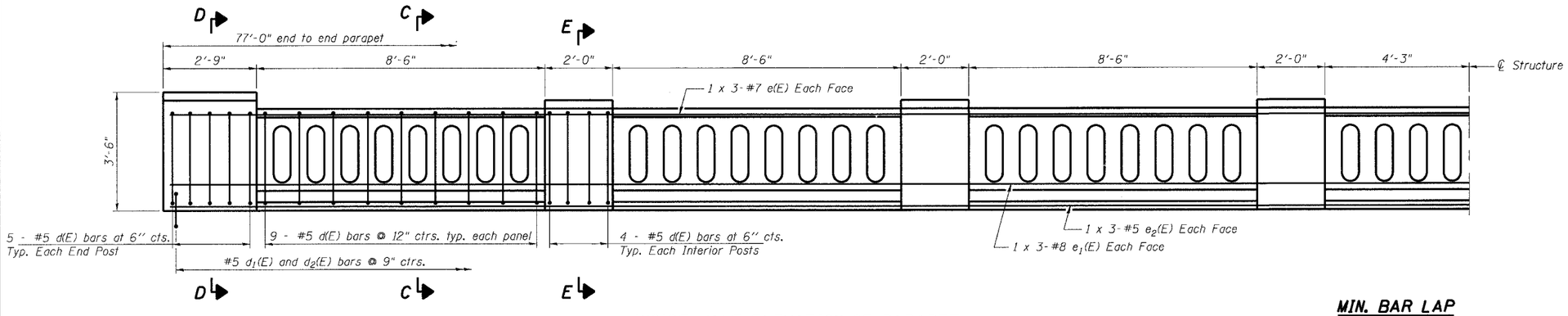
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2661	00-00095-11-BR	LAKE	28	14
SUPERSTRUCTURE DETAILS				
C-91-169-00	ILLINOIS			

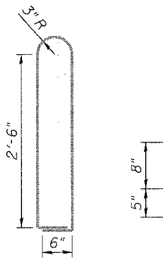
CONTRACT NO.: 83789



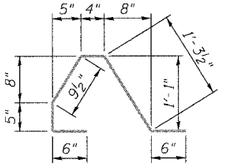
INSIDE HALF ELEVATION OF PARAPET

MIN. BAR LAP

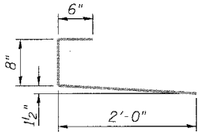
#5 bar = 2'-2"
#7 bar = 3'-5"
#8 bar = 4'-6"



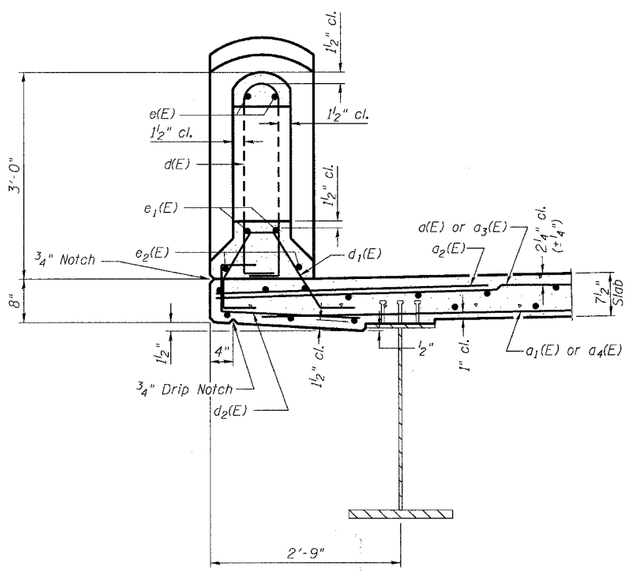
BAR d(E)



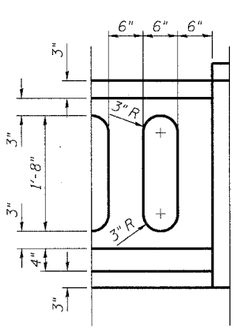
BAR $d_1(E)$



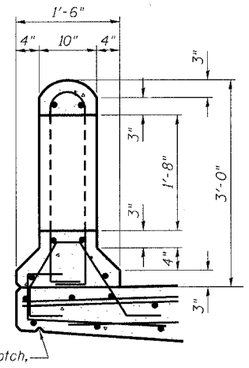
BAR $d_2(E)$



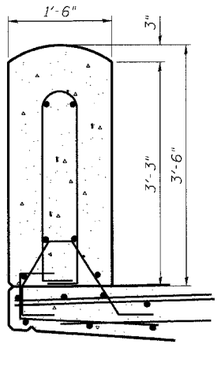
SECTION B - B THRU PARAPET
(Showing Reinforcement)



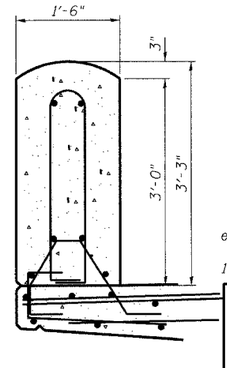
TYPICAL RAIL OPENING



SECTION C -C
(Showing Concrete Dimensions)



SECTION D - D



SECTION E - E

SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	132	#5	25'-6"	
$a_1(E)$	93	#5	24'-9"	
$a_2(E)$	132	#6	4'-6"	
$a_3(E)$	132	#5	17'-0"	
$a_4(E)$	93	#5	16'-3"	
b(E)	184	#5	20'-9"	
$b_1(E)$	108	#5	27'-0"	
d(E)	194	#5	6'-10"	
$d_1(E)$	206	#5	3'-10"	
$d_2(E)$	206	#5	3'-2"	
e(E)	12	#7	27'-11"	
$e_1(E)$	12	#8	28'-7"	
$e_2(E)$	12	#5	27'-1"	
m(E)	4	#6	16'-3"	
$m_1(E)$	6	#6	17'-0"	
$m_2(E)$	20	#6	9'-0"	
$m_3(E)$	10	#6	6'-0"	
$m_4(E)$	4	#6	2'-5"	
$m_5(E)$	4	#6	24'-9"	
$m_6(E)$	6	#6	25'-6"	
$m_7(E)$	2	#6	1'-9"	
$m_8(E)$	2	#6	4'-0"	
$m_9(E)$	4	#6	6'-6"	
$m_{10}(E)$	4	#6	8'-9"	
s(E)	84	#5	6'-11"	
$s_1(E)$	84	#4	10'-0"	
v(E)	84	#5	3'-0"	

Reinforcement Bars, Epoxy Coated	Pound	25,110
Concrete Superstructure	Cu. Yds.	112.3
Bar Splicers	Each	321
Concrete Handrail	Cu. Yd.	15.6
Protective Coat	Sq. Yd.	419

Reinforcement bars designated (E) shall be epoxy coated.
Bars indicated thus 1 x 3-#5 etc. indicates 1 line of bars with 3 lengths per line.

SUPERSTRUCTURE DETAILS
HUNT CLUB ROAD OVER
MILL CREEK
SECTION 00-00095-11-BR
LAKE COUNTY
STATION 116+60.00
STRUCTURE NO. 049-3072

05 Super Details.dgn 12/30/2004 2:09:49 PM