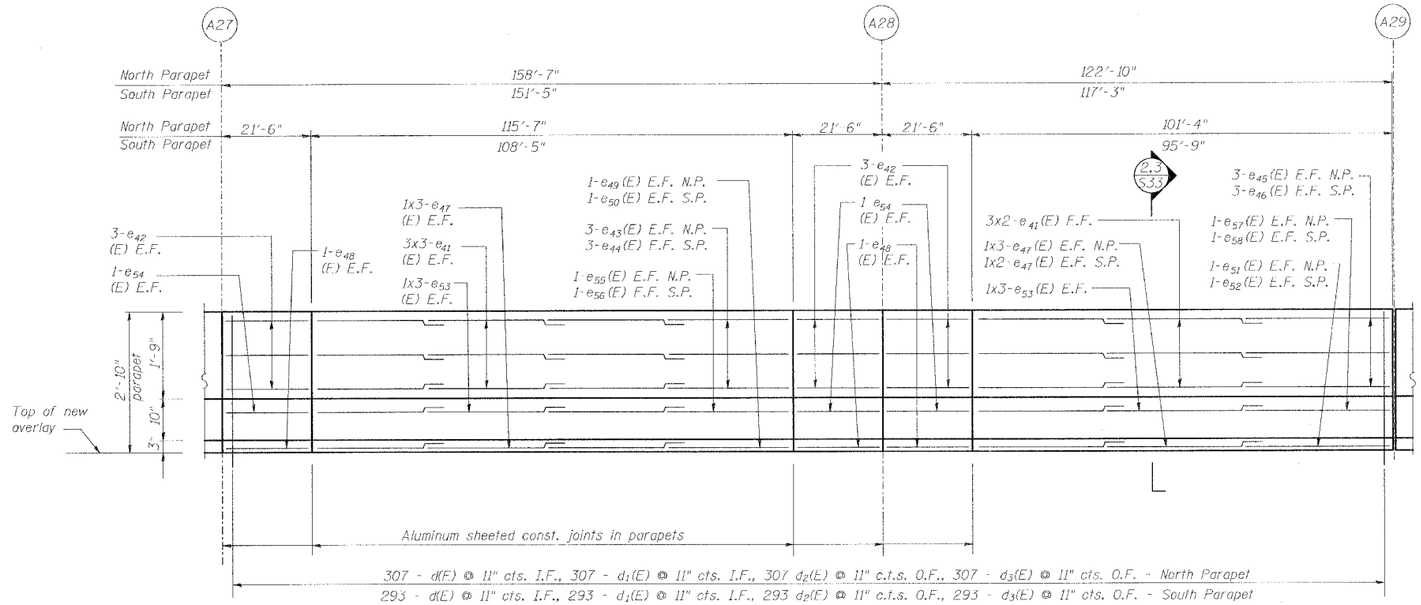
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	*	ST. CLAIR	99	39
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT- IM-70		

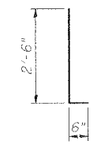
* 82-3HVB-3R-5 SHEET S-18 OF S-56
CONTRACT NO. 76985



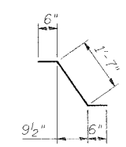
INSIDE ELEVATION OF NORTH PARAPET

South parapet similar except as noted
All dimensions measured along bottom of inside face of parapet
F.F. indicates each face
I.F. indicates inside face
O.F. indicates outside face

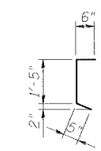
Min Bar Laps	
#4	1'-8"
#5	2'-2"
#6	2'-7"
#8	4'-6"



Bar d(E) & d2(E)



Bar d1(E)

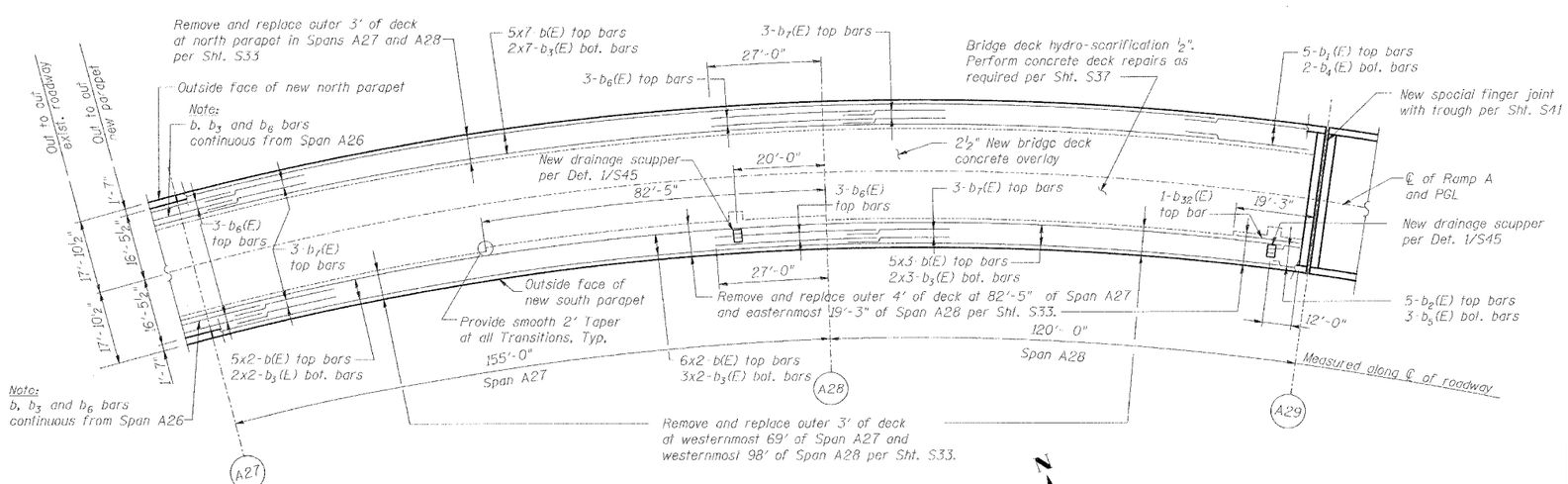


Bar d3(E)

SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
$a_{35a}(E)$	8	#5	2'-0"	
$a_{35b}(E)$	8	#5	3'-0"	
b(E)	72	#5	40'-0"	
$b_1(E)$	5	#5	32'-5"	
$b_2(E)$	5	#5	6'-11"	
$b_3(E)$	30	#5	40'-0"	
$b_4(E)$	2	#5	32'-5"	
$b_5(E)$	3	#5	6'-11"	
$b_6(E)$	6	#6	40'-0"	
$b_7(E)$	12	#6	25'-0"	
$b_{32}(E)$	1	#5	18'-6"	
d(E)	600	#5	3'-0"	
$d_1(E)$	600	#5	2'-7"	
$d_2(E)$	600	#4	3'-0"	
$d_3(E)$	600	#4	2'-4"	
$e_{41}(E)$	60	#4	35'-0"	
$e_{42}(E)$	36	#4	21'-3"	
$e_{43}(E)$	6	#4	15'-7"	
$e_{44}(E)$	6	#4	7'-11"	
$e_{45}(E)$	6	#4	34'-4"	
$e_{46}(E)$	6	#4	28'-4"	
$e_{47}(E)$	22	#5	35'-0"	
$e_{48}(E)$	12	#5	21'-3"	
$e_{49}(E)$	2	#5	17'-1"	
$e_{50}(E)$	2	#5	9'-5"	
$e_{51}(E)$	2	#5	2'-6"	
$e_{52}(E)$	2	#5	29'-4"	
$e_{53}(E)$	24	#8	35'-0"	
$e_{54}(E)$	12	#8	21'-3"	
$e_{55}(E)$	2	#8	24'-1"	
$e_{56}(E)$	2	#8	16'-5"	
$e_{57}(E)$	2	#8	9'-6"	
$e_{58}(E)$	2	#8	3'-6"	
Reinforcement Bars, Epoxy Coated		Pound	17,710	
Concrete Removal		Cu. Yd.	130.6	
Concrete Superstructure		Cu. Yd.	117.7	
Hot Mix Asphalt Surface Removal (Deck)		Sq. Yd.	917	
Bridge Deck Hydro-Scarification - ½"		Sq. Yd.	917	
Bridge Deck Microsilica Concrete Overlay - 2½"		Sq. Yd.	1,006	
Drainage Scuppers - DS12		Ea.	2	
Protective Coat		Sq. Yd.	1,455	
Bridge Deck Grooving		Sq. Yd.	1,006	
Protective Shield		Sq. Yd.	700	

Reinforcement bars designated (E) shall be epoxy coated.



DECK PLAN OF SPANS A27 - A28

DECK & PARAPET REPAIRS - SPANS A27 - A28

REVISIONS	
NAME	DATE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
REHABILITATION AND RETROFIT REPAIRS
FAI ROUTE 70
POPLAR STREET BRIDGE APPROACHES
ST. CLAIR COUNTY

STRUCTURE NO. 082-0141 (ROADWAY A)
SCALE: N.T.S.
DATE: 02/01/2007

DESIGNED	JPD
CHECKED	JEL
DRAWN	CLK
CHECKED	JPD

DATE: 1/26/2007
FILENAME: P:\20011\1201-1300\20011240\Drafting\Roadway\Rehab_A1\Ramp A\parapet-deck\A_DP2728.dgn