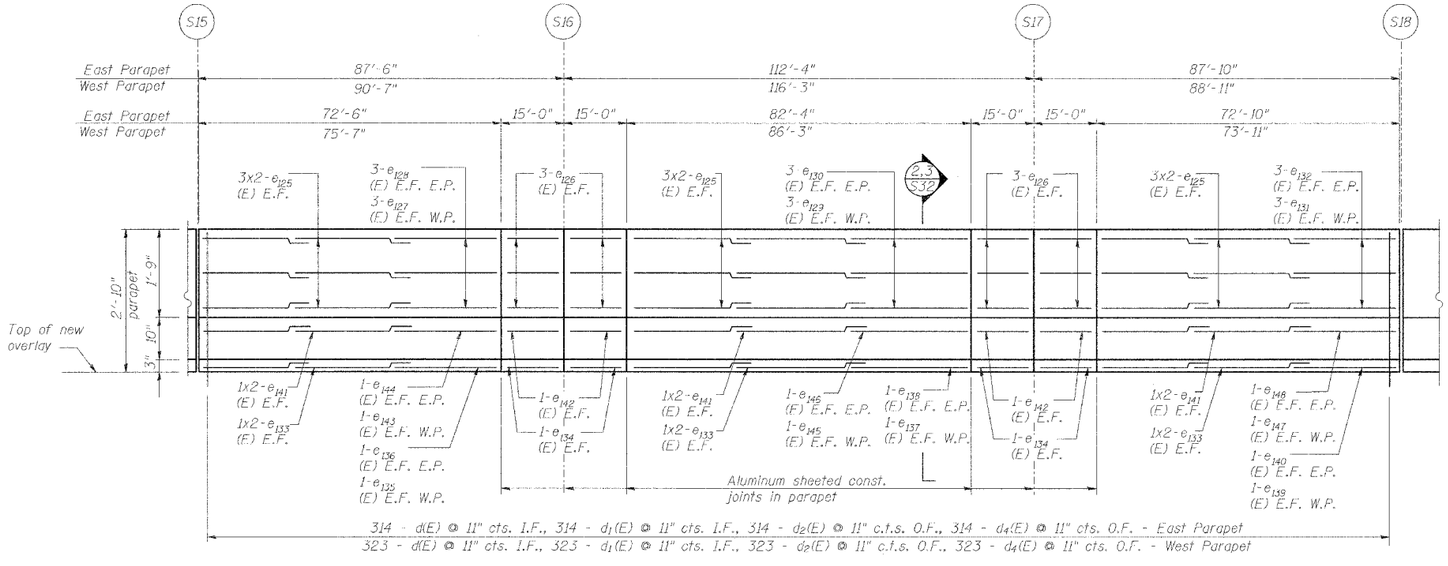
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	*	ST. CLAIR	111	87
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT- IM-70	

* 82-3HVB-3R-3 SHEET S-20 OF S-44

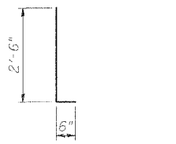
CONTRACT NO. 76305



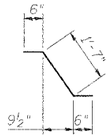
INSIDE ELEVATION OF EAST PARAPET

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

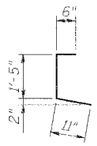
Min Bar Laps	
#4	1'-8"
#5	2'-2"
#6	2'-7"
#8	4'-6"



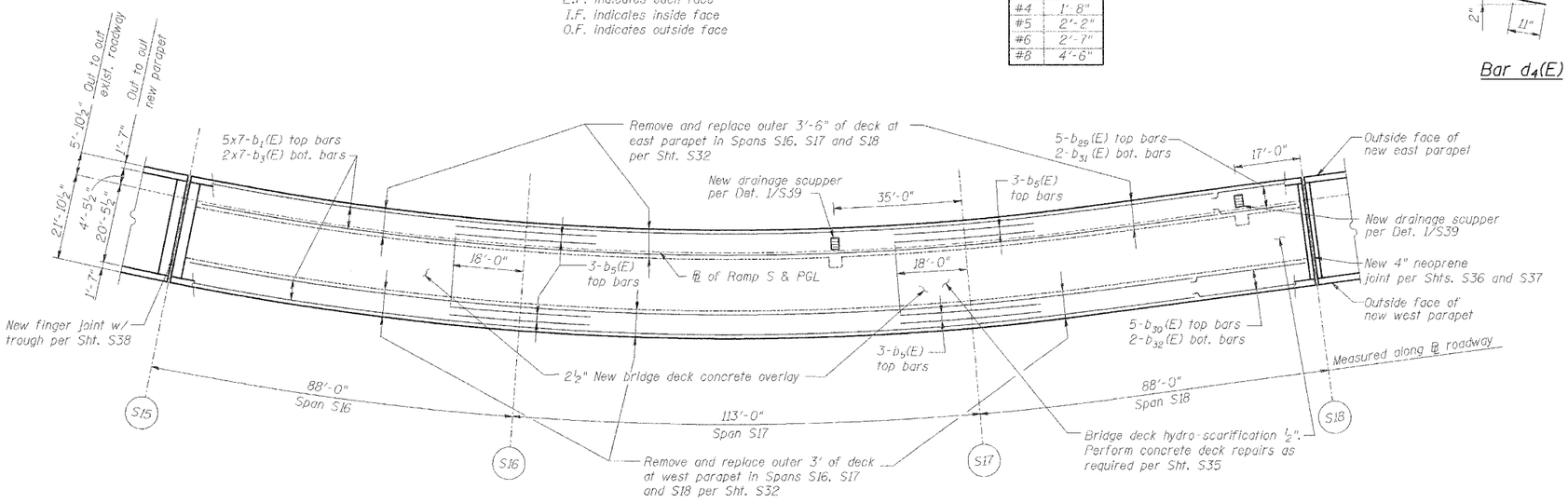
Bar d(E) & d2(E)



Bar d1(E)



Bar d4(E)



DECK PLAN OF SPANS S16 - S18

SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a_{150}(E)	8	#5	2'-0"	
a_{151}(E)	70	#5	3'-0"	
b_1(E)	70	#5	40'-0"	
b_3(E)	28	#5	40'-0"	
b_5(E)	12	#6	36'-0"	
b_{28}(E)	5	#5	22'-4"	
b_{30}(E)	5	#5	30'-5"	
b_{31}(E)	2	#5	22'-4"	
b_{32}(E)	2	#5	30'-5"	
d(E)	637	#5	3'-0"	
d_1(E)	637	#5	2'-7"	
d_2(E)	637	#4	3'-0"	
d_4(E)	637	#4	2'-10"	
e_{125} (E)	72	#4	35'-0"	
e_{126} (E)	48	#4	14'-9"	
e_{127} (E)	6	#4	8'-8"	
e_{128} (E)	6	#4	5'-7"	
e_{129} (E)	6	#4	19'-7"	
e_{130} (E)	6	#4	15'-5"	
e_{131} (E)	6	#4	7'-0"	
e_{132} (E)	6	#4	5'-11"	
e_{133} (E)	24	#5	35'-0"	
e_{134} (E)	16	#5	14'-9"	
e_{135} (E)	2	#5	9'-8"	
e_{136} (E)	2	#5	6'-7"	
e_{137} (E)	2	#5	20'-7"	
e_{138} (E)	2	#5	16'-5"	
e_{139} (E)	2	#5	8'-0"	
e_{140} (E)	2	#5	6'-11"	
e_{141} (E)	24	#8	35'-0"	
e_{142} (E)	16	#8	14'-9"	
e_{143} (E)	2	#8	14'-4"	
e_{144} (E)	2	#8	11'-3"	
e_{145} (E)	2	#8	25'-2"	
e_{146} (E)	2	#8	21'-1"	
e_{147} (E)	2	#8	12'-8"	
e_{148} (E)	2	#8	11'-7"	
Reinforcement Bars, Epoxy Coated			Pound	18,540
Concrete Removal			Cu. Yd.	144.8
Concrete Superstructure			Cu. Yd.	131.2
Bituminous Concrete Removal - (Deck)			Sq. Yd.	713
Bridge Deck Hydro-Scarification - ½"			Sq. Yd.	713
Bridge Deck Microsilica Concrete Overlay - 2½"			Sq. Yd.	808
Drainage Scuppers - DS12			Ea.	2
Protective Coat			Sq. Yd.	1,284
Bridge Deck Grooving			Sq. Yd.	808
Protective Shield			Sq. Yd.	190
Mechanical Splice			Ea.	62

Reinforcement bars designated (E) shall be epoxy coated.

DESIGNED	JPD
CHECKED	JEL
DRAWN	CLK
CHECKED	JPD/JEL

DATE: 4192006
FILENAME: p:\2001\1201-1300\2001.1240\drafting\roadwayrehab_ds\ramps\parapet-deck\s_dp1618.dgn

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. 082-0142 (RAMP S)

SCALE:

DATE: 02/28/2006

DECK & PARAPET REPAIRS - SPANS S16 - S18