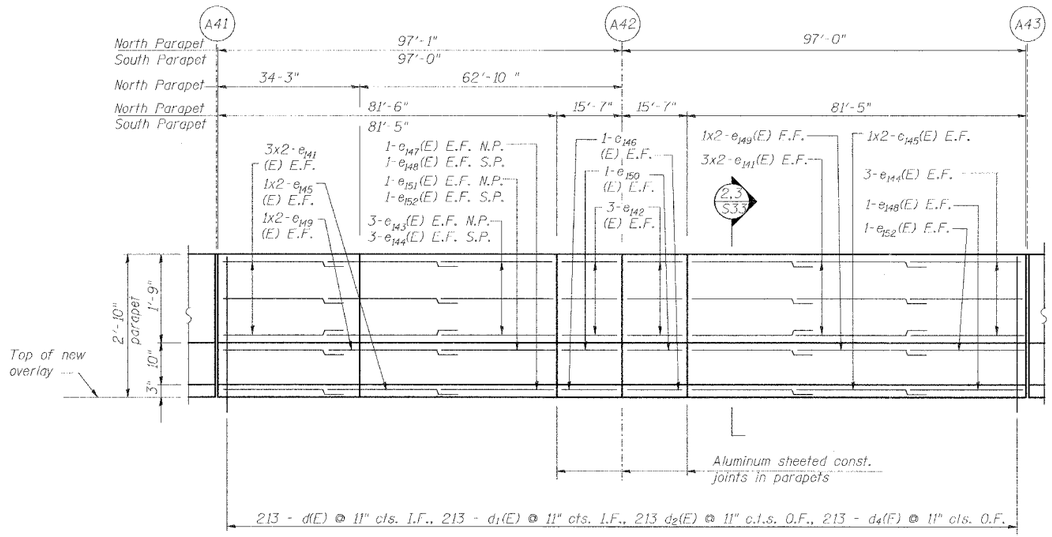
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	*	ST. CLAIR	99	44
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT IM-70		

* 82-3HV8-3R-5 SHEET S-23 OF S-56

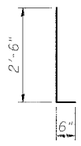
CONTRACT NO. 76985



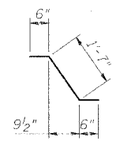
INSIDE ELEVATION OF NORTH PARAPET

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

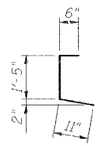
Min Bar Laps	
#4	1'-8"
#5	2'-2"
#6	2'-7"
#8	4'-6"



Bar d(E) & d_2(E)



Bar d_1(E)

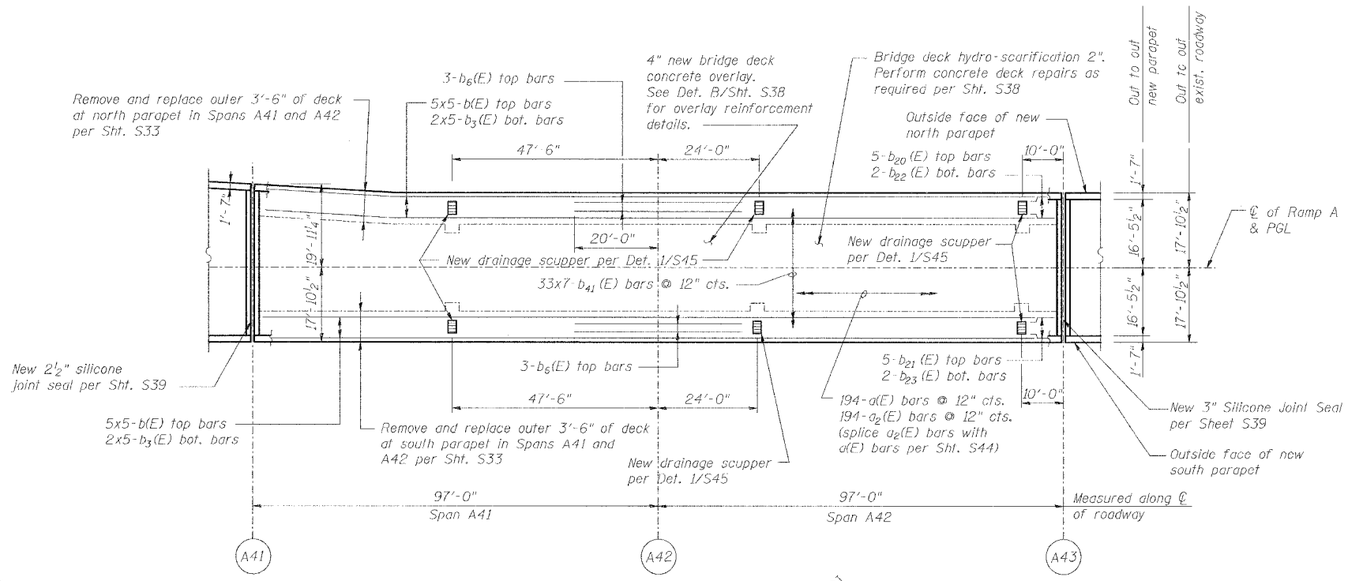


Bar d_4(E)

SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d(E)	194	#4	17'-2"	
d_2(E)	194	#4	20'-6"	
d_{150}(E)	24	#5	2'-0"	
d_{155}(E)	24	#5	3'-0"	
b(E)	50	#5	40'-0"	
b_3(E)	20	#5	40'-0"	
b_6(E)	6	#6	40'-0"	
b_{20}(E)	5	#5	4'-2"	
b_{21}(E)	5	#5	4'-1"	
b_{22}(E)	2	#5	4'-2"	
b_{23}(E)	2	#5	4'-1"	
b_{41}(E)	175	#4	29'-2"	
d(E)	426	#5	3'-0"	
d_1(E)	426	#5	2'-7"	
d_2(E)	426	#4	3'-0"	
d_4(E)	426	#4	2'-10"	
e_{141}(E)	48	#4	35'-0"	
e_{142}(E)	24	#4	15'-4"	
e_{143}(E)	6	#4	14'-6"	
e_{144}(E)	18	#4	14'-5"	
e_{145}(E)	16	#5	35'-0"	
e_{146}(E)	8	#5	15'-4"	
e_{147}(E)	2	#5	15'-6"	
e_{148}(E)	6	#5	15'-5"	
e_{149}(E)	16	#8	35'-0"	
e_{150}(E)	8	#8	15'-4"	
e_{151}(E)	2	#8	20'-2"	
e_{152}(E)	6	#8	20'-1"	
Reinforcement Bars, Epoxy Coated		Pound	20,590	
Bar Splicer		Ea.	194	
Concrete Removal		Cu. Yd.	112.4	
Concrete Superstructure		Cu. Yd.	106.8	
Hot Mix Asphalt Surface Removal (Deck)		Sq. Yd.	651	
Bridge Deck Hydro-Scarification - 2"		Sq. Yd.	651	
Bridge Deck Microsilica Concrete Overlay - 4"		Sq. Yd.	714	
Drainage Scuppers - DS12		Ea.	6	
Protective Coat		Sq. Yd.	1,030	
Bridge Deck Grooving		Sq. Yd.	714	

Reinforcement bars designated (E) shall be epoxy coated.



DECK PLAN OF SPANS A41 - A42

Note:
Cut bars in field to fit variable width of deck

DECK & PARAPET REPAIRS - SPANS A41 - A42

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: 1/31/2007
FILENAME: P:\2001\1201-1800\2001\1240\Drafting\Roadway\Rehab_AT\Ramp_A\parapet-deck\A_DP4142.dgn