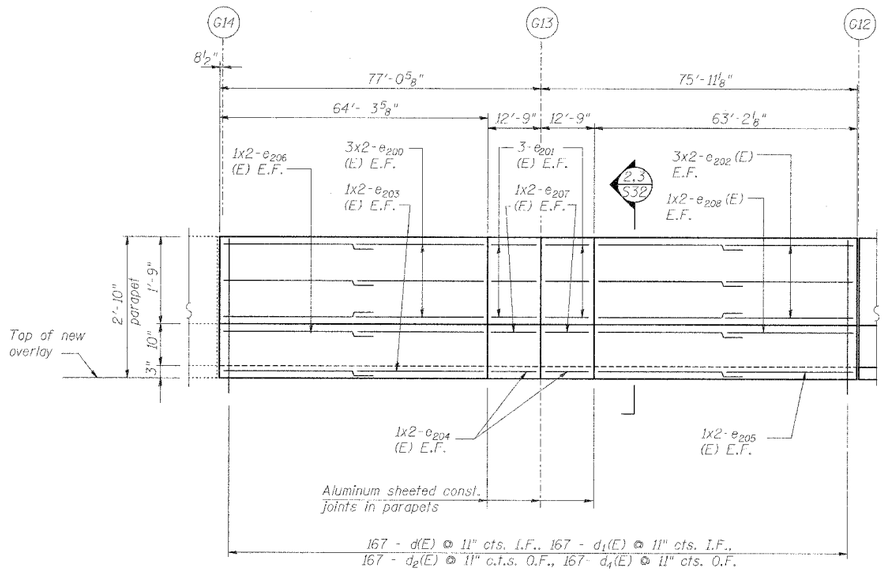
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	*	ST. CLAIR	111	81
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT- IM-70		

* 82-3HVB-3R-3 SHEET S-14 OF S-44

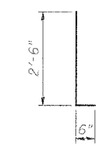
CONTRACT NO. 76305



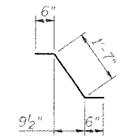
OUTSIDE ELEVATION OF WEST PARAPET

All dimensions measured along bottom of outside face of parapet
E.F. indicates each face
I.F. indicates inside face
O.F. indicates outside face

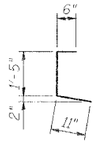
Min Bar Laps	
#4	1'-8"
#5	2'-2"
#6	2'-7"
#8	4'-6"



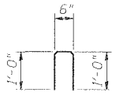
Bar d(E) & d2(E)



Bar d1(E)



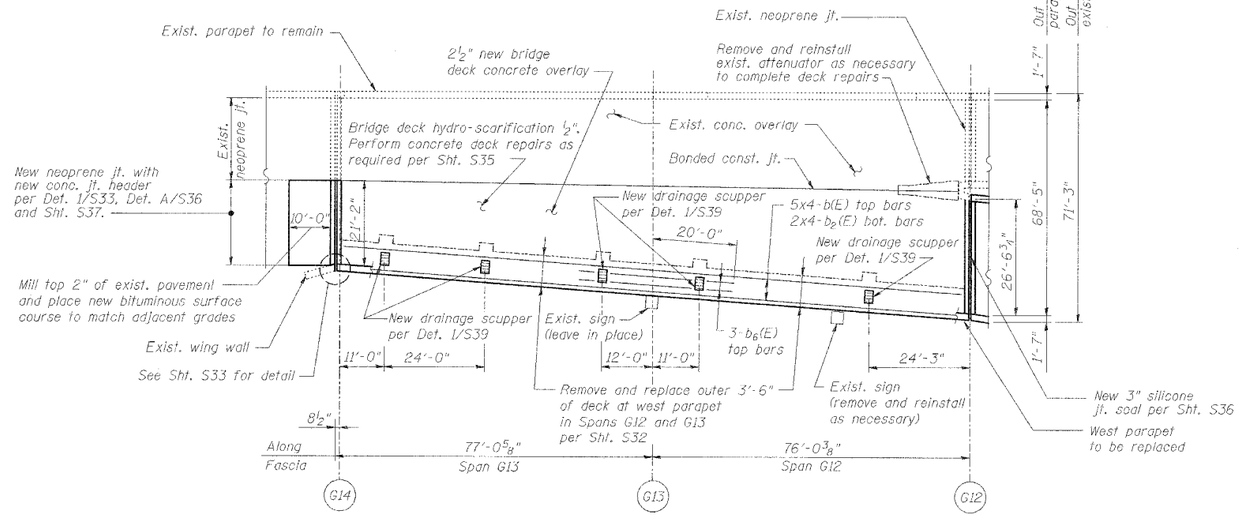
Bar d4(E)



Bar d10 (E)

SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a350(E)	20	#5	2'-0"	
a351(E)	56	#5	3'-0"	
b(E)	20	#5	39'-10"	
b2(E)	8	#5	39'-10"	
b6(E)	3	#6	40'-0"	
d(E)	167	#5	3'-0"	
d1(E)	167	#5	2'-7"	
d2(E)	167	#4	3'-0"	
d4(E)	167	#4	2'-10"	
d10(E)	1	#3	2'-6"	
e200(E)	12	#4	32'-10"	
e201(E)	12	#4	12'-6"	
e202(E)	12	#4	32'-4"	
e203(E)	4	#5	33'-1"	
e204(E)	4	#5	12'-6"	
e205(E)	4	#5	32'-7"	
e206(E)	4	#8	34'-3"	
e207(E)	4	#8	12'-6"	
e208(E)	4	#8	33'-9"	
Reinforcement Bars, Epoxy Coated			Pound	4,950
Concrete Removal			Cu. Yd.	44.2
Concrete Superstructure			Cu. Yd.	40.6
Bituminous Concrete Removal - (Deck)			Sq. Yd.	216
Bridge Deck Hydro-Scarification - ½"			Sq. Yd.	216
Bridge Deck Microsilica Concrete Overlay - 2½"			Sq. Yd.	204
Drainage Scuppers - DS12			Ea.	5
Protective Coat			Sq. Yd.	254
Bridge Deck Grooving			Sq. Yd.	204
Mechanical Splice			Ea.	36
[illegible]			[illegible]	[illegible]



DECK PLAN OF SPANS G12 - G13

Reinforcement bars designated (E) shall be epoxy coated.

DECK & PARAPET REPAIRS - SPANS G12-G13

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: N.T.S.

DATE: 02/28/2006

DESIGNED	JPD
CHECKED	JEL
DRAWN	CLK
CHECKED	JPD

DATE: 4/19/2006
FILENAME: p:\2001\1201-1300\2001.1240\drafting\roadwayrehab_ds\ramps\parapet-deck\s_dpg123.dgn