

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	*	ST. CLAIR	111	39
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT - IM-70		

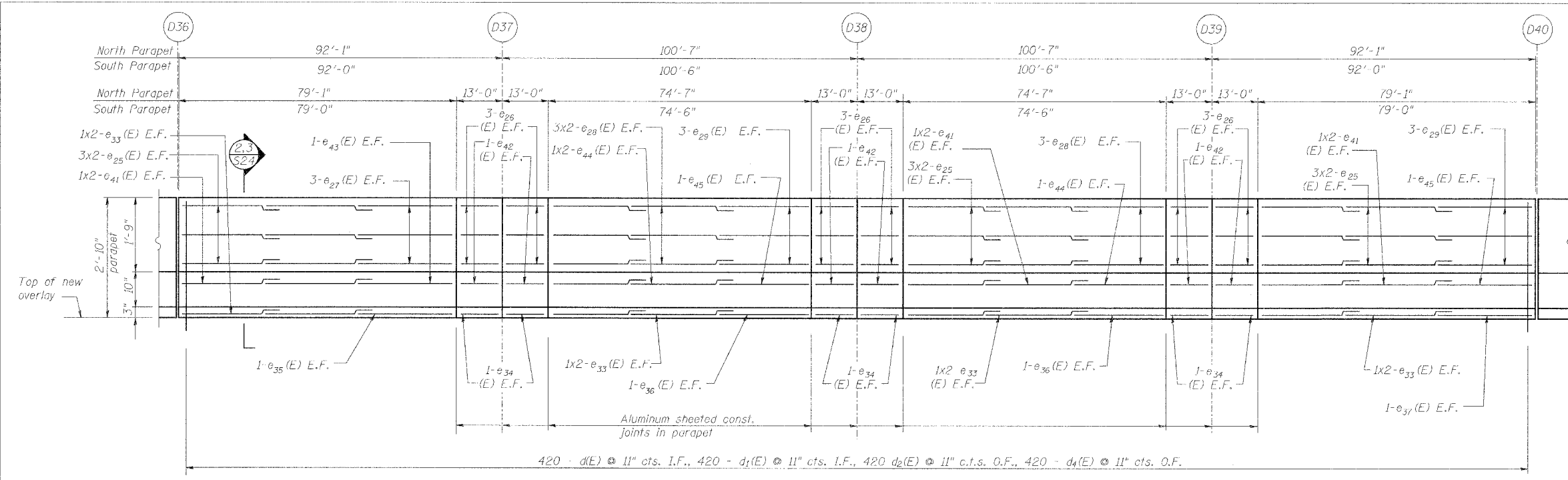
* 82-3HVB-3R-3 SHEET S-16 OF S-44
CONTRACT NO. 76305

SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a ₂₀ (E)	12	#5	2'-6"	
a ₂₅ (E)	56	#5	2'-0"	
a ₂₅ (E)	222	#5	3'-0"	
b(E)	100	#5	40'-0"	
b ₁ (E)	40	#5	40'-0"	
b ₁₁ (E)	10	#5	6'-3"	
b ₁₂ (E)	4	#5	6'-3"	
b ₁₃ (E)	18	#6	40'-0"	
d(E)	840	#5	3'-0"	
d ₁ (E)	840	#5	2'-7"	
d ₂ (E)	840	#4	3'-0"	
d ₄ (E)	840	#4	2'-10"	
e ₂₅ (E)	96	#4	35'-0"	
e ₂₆ (E)	72	#4	12'-9"	
e ₂₇ (E)	12	#4	12'-1"	
e ₂₈ (E)	24	#4	7'-8"	
e ₂₉ (E)	12	#4	11'-11"	
e ₃₃ (E)	32	#5	35'-0"	
e ₃₄ (E)	24	#5	12'-9"	
e ₃₅ (E)	4	#5	13'-1"	
e ₃₆ (E)	8	#5	8'-8"	
e ₃₇ (E)	4	#5	12'-11"	
e ₄₁ (E)	32	#8	35'-0"	
e ₄₂ (E)	24	#8	12'-9"	
e ₄₃ (E)	4	#8	17'-9"	
e ₄₄ (E)	8	#8	13'-4"	
e ₄₅ (E)	4	#8	17'-7"	

Reinforcement Bars, Epoxy Coated	Pound	22,820
Concrete Removal	Cu. Yd.	225.3
Concrete Superstructure	Cu. Yd.	195.7
Bituminous Concrete Removal - (Deck)	Sq. Yd.	2,183
Bridge Deck Hydro-Scarification - 1/2"	Sq. Yd.	2,183
Bridge Deck Microsilica Concrete Overlay - 2 1/2"	Sq. Yd.	2,308
Drainage Scuppers - DS12	Ea.	14
Protective Coat	Sq. Yd.	2,936
Bridge Deck Grooving	Sq. Yd.	2,308
Deck Slab Repair (Type II - Full Depth)	Sq. Yd.	4
Mechanical Splice	Ea.	166

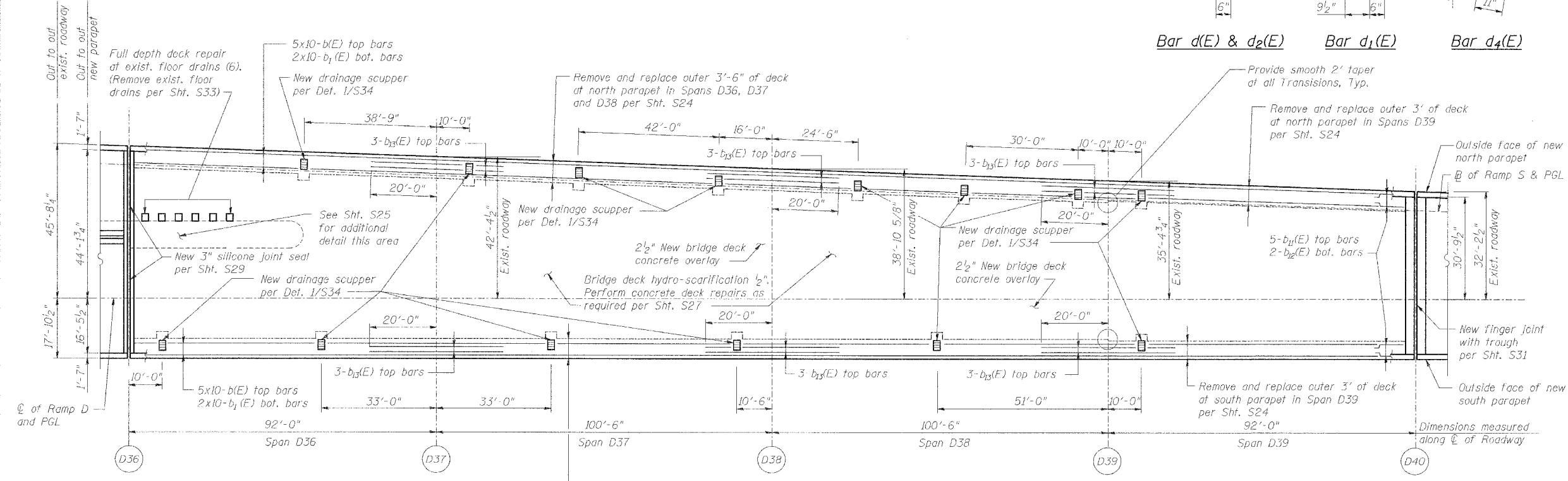
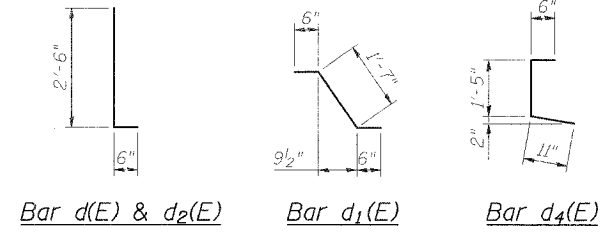
Reinforcement bars designated (E) shall be epoxy coated.



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	Size
#4	1'-8"
#5	2'-2"
#6	2'-7"
#8	4'-6"



DECK PLAN OF SPANS D36 - D39

DECK & PARAPET REPAIRS - SPANS D36 - D39

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

DATE: 4/19/2006 FILENAME: p:\2001\1201-1300\2001.1240\drafting\roadwayrehab_da\rampl\parapet-deck.d_dp3639.dgn

DESIGNED	
CHECKED	
DRAWN	
CHECKED	