

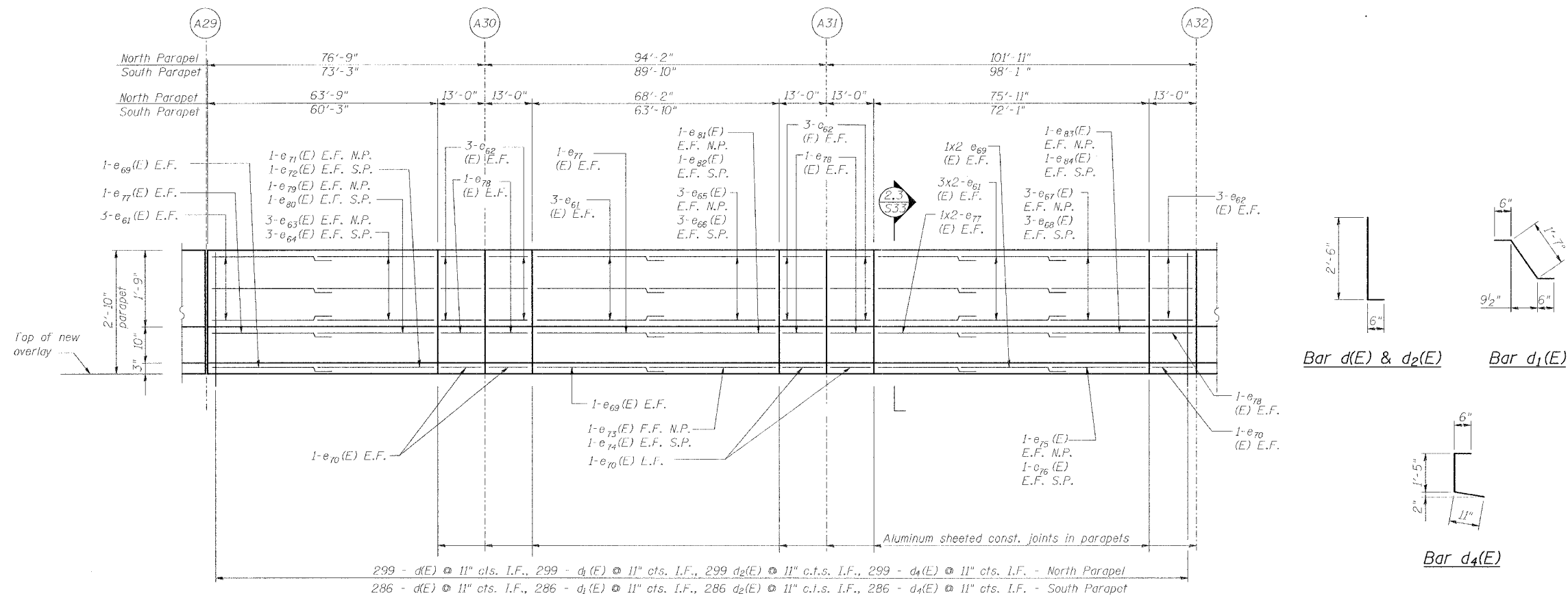
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	*	ST. CLAIR	99	40
FED. ROAD DIST. NO. 7	ILL. INTS.	FED. AID PROJECT - 1M-78		
* 82-3HVB-3R-5			SHEET S-19 OF S-56	
CONTRACT NO. 76785				

SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a ₅₉ (E)	8	#5	2'-0"	
a ₅₅ (E)	8	#5	3'-0"	
b ₁ (E)	80	#5	40'-0"	
b ₃ (E)	32	#5	40'-0"	
b ₆ (E)	21	#6	40'-0"	
d(E)	585	#5	3'-0"	
d ₁ (E)	585	#5	2'-7"	
d ₂ (E)	585	#4	3'-0"	
d ₄ (E)	585	#4	2'-10"	
e ₆₁ (E)	48	#4	35'-0"	
e ₆₂ (E)	60	#4	12'-9"	
e ₆₃ (E)	6	#4	30'-0"	
e ₆₄ (E)	6	#4	26'-4"	
e ₆₅ (E)	6	#4	34'-9"	
e ₆₆ (E)	6	#4	30'-2"	
e ₆₇ (E)	6	#4	9'-2"	
e ₆₈ (E)	6	#4	5'-0"	
e ₆₉ (E)	16	#5	35'-0"	
e ₇₀ (E)	20	#5	12'-9"	
e ₇₁ (E)	2	#5	30'-6"	
e ₇₂ (E)	2	#5	26'-10"	
e ₇₃ (E)	2	#5	35'-3"	
e ₇₄ (E)	2	#5	30'-8"	
e ₇₅ (E)	2	#5	10'-2"	
e ₇₆ (E)	2	#5	6'-0"	
e ₇₇ (E)	16	#8	35'-0"	
e ₇₈ (E)	20	#8	12'-9"	
e ₇₉ (E)	2	#8	32'-10"	
e ₈₀ (E)	2	#8	29'-2"	
e ₈₁ (E)	2	#8	37'-7"	
e ₈₂ (E)	2	#8	33'-0"	
e ₈₃ (E)	2	#8	14'-10"	
e ₈₄ (E)	2	#8	10'-8"	

Reinforcement Bars, Epoxy Coated	Pound	18,000
Concrete Removal	Cu. Yd.	134.1
Concrete Superstructure	Cu. Yd.	121.6
Hot Mix Asphalt Surface Removal (Deck)	Sq. Yd.	890
Bridge Deck Hydro-Scarification - 1/2"	Sq. Yd.	890
Bridge Deck Microsilica Concrete Overlay - 2 1/2"	Sq. Yd.	977
Drainage Scuppers - DS12	Ea.	2
Protective Coat	Sq. Yd.	1,412
Bridge Deck Grooving	Sq. Yd.	977

Reinforcement bars designated (E) shall be epoxy coated.

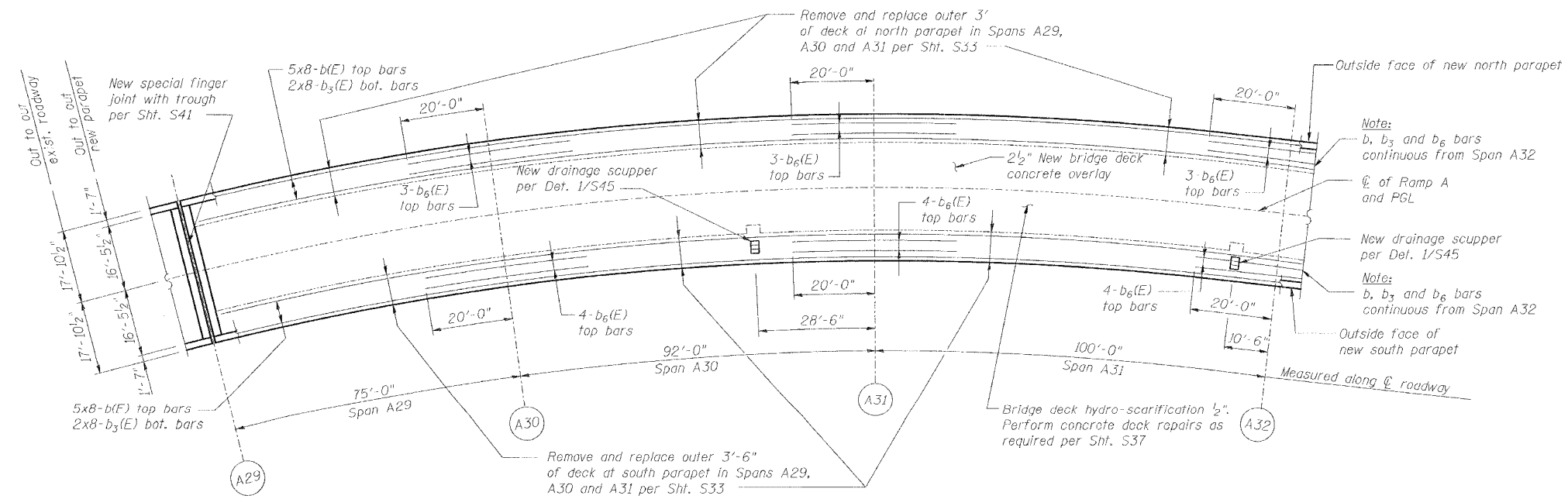
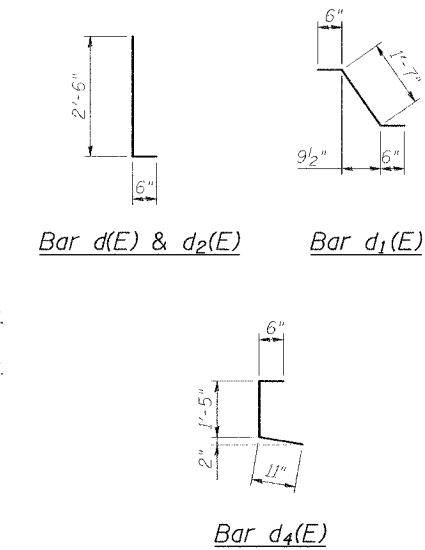


INSIDE ELEVATION OF NORTH PARAPET

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

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



DECK PLAN OF SPANS A29 - A31

DECK & PARAPET REPAIRS - SPANS A29 - A31

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

DATE: 12/22/07
 FILENAME: P:\2001\1201-1800\1201-1240\Drafting\Roadway\Rehab_A1\RempA\parapet-deck_A.DWG.dgn

DESIGNED	JPD
CHECKED	JEL
DRAWN	CLK
CHECKED	JPD