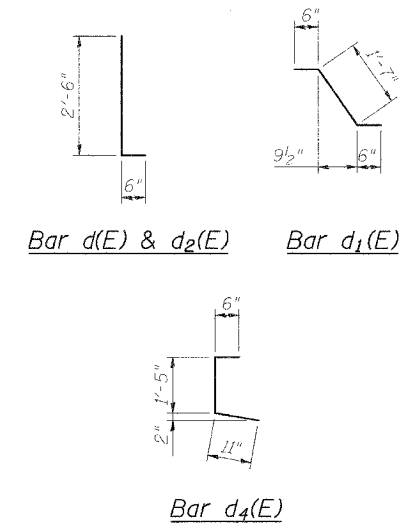


INSIDE ELEVATION OF NORTH PARAPET

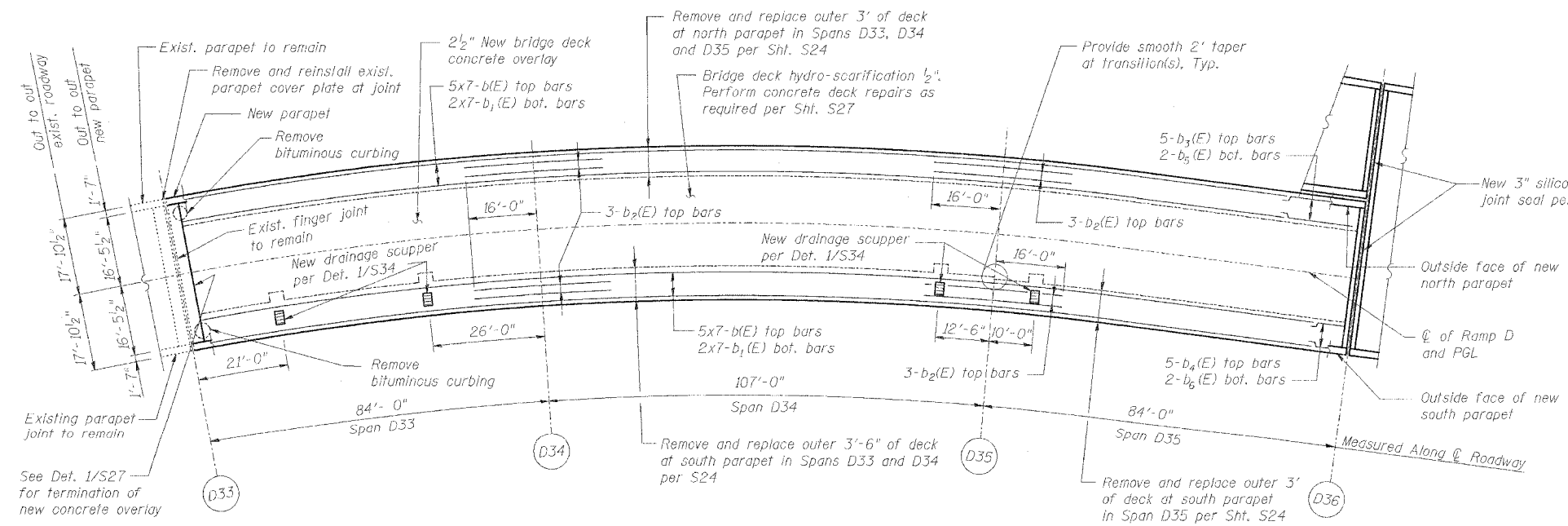
South parapet similar except as noted
All dimensions measured along bottom of inside face of parapet
E.F. indicates each face
I.F. indicates inside face
O.F. indicates outside face

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



SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a _{35d} (E)	16	#5	2'-0"	
a _{35s} (E)	70	#5	3'-0"	
b(E)	70	#5	40'-0"	
b ₁ (E)	28	#5	40'-0"	
b ₂ (E)	12	#6	32'-0"	
b ₃ (E)	5	#5	13'-11"	
b ₄ (E)	5	#5	4'-2"	
b ₅ (E)	2	#5	13'-11"	
b ₆ (E)	2	#5	4'-2"	
d(E)	601	#5	3'-0"	
d ₁ (E)	601	#5	2'-7"	
d ₂ (E)	601	#4	3'-0"	
d ₄ (E)	601	#4	2'-10"	
e(E)	42	#4	35'-0"	
e ₁ (E)	48	#4	13'-9"	
e ₂ (E)	6	#4	4'-11"	
e ₃ (E)	6	#4	34'-6"	
e ₄ (E)	6	#4	14'-9"	
e ₅ (E)	6	#4	9'-7"	
e ₆ (E)	18	#4	24'-6"	
e ₇ (E)	18	#4	24'-3"	
e ₈ (E)	14	#5	35'-0"	
e ₉ (E)	16	#5	13'-9"	
e ₁₀ (E)	2	#5	5'-11"	
e ₁₁ (E)	2	#5	34'-9"	
e ₁₂ (E)	2	#5	15'-9"	
e ₁₃ (E)	2	#5	10'-8"	
e ₁₄ (E)	6	#5	24'-10"	
e ₁₅ (E)	6	#5	24'-6"	
e ₁₆ (E)	24	#8	35'-0"	
e ₁₇ (E)	16	#8	13'-9"	
e ₁₈ (E)	2	#8	10'-7"	
e ₁₉ (E)	2	#8	6'-9"	
e ₂₀ (E)	2	#8	20'-7"	
e ₂₁ (E)	2	#8	15'-1"	
e ₂₂ (E)	2	#8	9'-4"	
e ₂₃ (E)	2	#8	8'-0"	
Reinforcement Bars, Epoxy Coated		Pound	17,490	
Concrete Removal		Cu. Yd.	135.8	
Concrete Superstructure		Cu. Yd.	123.0	
Bituminous Concrete Removal - (Deck)		Sq. Yd.	915	
Bridge Deck Hydro-Scarification - 1/2"		Sq. Yd.	916	
Bridge Deck Microsilica Concrete Overlay - 2 1/2"		Sq. Yd.	1,004	
Drainage Scuppers - DS12		Ea.	4	
Protective Coat		Sq. Yd.	1,453	
Bridge Deck Grooving		Sq. Yd.	1,004	
Bituminous Concrete Curb Removal		Foot	7.5	
Protective Shield		Sq. Yd.	340	
Mechanical Splice		Ea.	54	



DECK PLAN OF SPANS D33 - D35

Reinforcement bars designated (E) shall be epoxy coated.

DECK & PARAPET REPAIRS - SPANS D33 - D35

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: 4/9/2006
FILENAME: P:\2001\1201-1300\2001.1240\drafting\roadwayrehab_de\ramppd\parapet-deck_d_dp3335.dgn

DESIGNED	JPD
CHECKED	JEL
DRAWN	CLK
CHECKED	JPD