

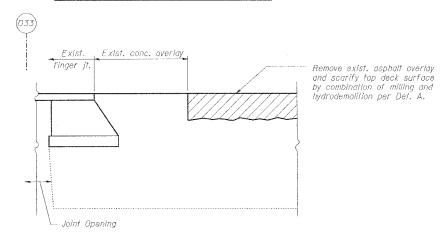
Note 1. Additional full depth removal may required at locations of existing floor drains, as directed by Engineer. Anticipated removal and replacement quantities included in pay items for "Concrete Removal" and "Concrete Superstructure".

Removed exist. asphalt overlay by milling and scarify top deck surface by hydrodemolition. Cast new microsilica concrete overlay per elevations on Shts. S10 through S14. Exist. asphalt overlay (Varies 12" to 3½")— Pitch new overlay towards drains, -Exist. reinforcement

Partial depth removal via hydro-scarification may be required at locations of existing deck delamination. Anticipated repair locations are shown on Sheets, S19 through S23,

Top deck surfaces shall be clean and free of dust and debris prior to placing new microsilica concrete overlay.

DETAIL A-SCHEMATIC DIAGRAM OF REPAIR NORTH OF PIER D43



TERMINATION OF DECK REHABILITATION @ D33

VARIABLE RAMP WIDTHS - NORTH OF PIER D42 Variable Width Lane Total Ramp Width D36 14'-11" 12'-94" 63'- 94" D42 5'-9" 41'-10"

Variable lane and total ramp widths vary between those shown.

Total ramp width varies (See Table)

ROUTE NO.	SECTION	COUNTY		TOTAL SHEETS	SHEET NO.
F.A.I. 70	*	ST. CLAIR		111	50
FED. ROAD DIST. NO. 7		ILL INOIS	FED. AID PROJECT- 1M-70		

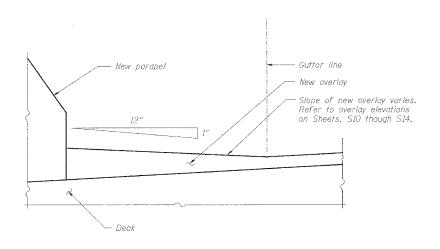
* 82-3HVB-3R-3 SHEET S-27 OF S-44 CONTRACT NO. 763Ø5

Variable width lane Gore 4'-0" 11'-5'2" 11'-512" 6'-0" (See Table) 12'-0" 12'-0" 24'-0" Parabolic crown with 12" drop 2.1% per Shts. S15 through S18 -Gutter line -Remove both existing parapets and sidewalks per Shts. S15 through S18 -Remove existing asphalt overlay and scarify top ½" of concrete deck (Typ.). Restore wearing surface as shown in Detail A - For overlay slope at gutter line, see Det. 2/S27 (Typ.) Exist, asphalt overlay (Varies 12" - 312") 7" slab -Refer to overlay elevations on Shts. S10 through S14 1'- 10¹2" -Limits of full depth deck removal as shown on Seehts. S15 through S18, See Note 1 1'-10'2" See Sht. S24 for removal and replacement of deck edge and parapet.

REPAIR NORTH OF PIER D42 IN VARIABLE WIDTH PORTION OF RAMP

(Looking toward higher numbered pier)

(D1)



OVERLAY SLOPE AT GUTTER LINE S27

DECK REHABILITATION DETAILS - NORTH OF PIER D42

(D2)

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 		STRUCTURE
		SCALE:

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION REHABILITATION AND RETROFIT REPAIRS FAI ROUTE 70 POPLAR STREET BRIDGE APPROACHES

ST. CLAIR COUNTY JRE NO. 082-0142 (RAMP S)

DATE: 02/28/2006

S27

DESIGNED

CHECKED

DRAWN

CHECKED

JPD

CSD

Cl.K

JPD