

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	*	ST. CLAIR	99	24
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT# 1M-78	

\* 82-3HVB-3R-5 SHEET S-3 OF S-56  
 CONTRACT NO. 76985

**BRIDGE REHABILITATION AND RETROFIT:**

1. Remove existing deck parapet, sidewalk and outermost 3' to 4' of concrete deck as required at the following locations and replace with new deck slab edge and parapet (21 spans):  
Spans A25 through A45
2. Per Sheet S37, remove existing hot mix asphalt overlay, scarify top 1/2" of existing concrete deck, and add new microsilica concrete overlay at the following locations (15 spans):  
Spans A25 through A39
3. Per Sheet S38, remove existing hot mix asphalt overlay, scarify top 2" of concrete deck, and add new microsilica concrete overlay at the following locations (6 spans):  
Spans A40 through A45
4. Install new drainage scuppers as indicated at the following spans (18 spans):  
Spans A25 through A45, excluding A26, A29 and A44
5. Remove existing bridge deck joints and replace with new silicone joint seals at the following piers: (5 locations):  
A35 A41 A43 A44 A45 A46
6. Remove existing bridge deck joints and replace with new finger joints and drainage trough at the following piers (3 locations):  
A29 A35 A38
7. Remove existing concrete divider and crash attenuator and replace with a new crash attenuator system at the following location (1 location):  
Span A35
8. Resurface adjacent hot mix asphalt concrete roadway surface at the following location (1 location)  
A46
9. Clean and paint selected portions of the steel superstructure, including bottom portions of girders and all steel in the vicinity of deck joints.  
Spans A21 through A45
10. Replace deteriorated bottom flange splice bolts in the following spans  
Spans A29 A33 A35 A37 A38 A39 A41 A42
11. Install seismic isolation bearings and/or miscellaneous shear and tension links at the following piers (3-locations)  
A42 A44 A45
12. Replace existing elastomeric bearings at the following abutment (1-Location)  
A46
13. Perform vertical stiffener intersection modifications on the following spans (15-location)  
Spans A21 through A24, A29 through A34, A38 through A42
14. Perform long span floor beam retrofit on the following spans (3-spans)  
Spans A35 through A37

DATE: 12/4/2007  
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DESIGNED	JEL
CHECKED	HH
DRAWN	CLK
CHECKED	JEL

**SCOPE OF WORK**

REVISIONS		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION REHABILITATION AND RETROFIT REPAIRS FAI ROUTE 70 POPLAR STREET BRIDGE APPROACHES ST. CLAIR COUNTY
NAME	DATE	
		STRUCTURE NO. 082-0141 (ROADWAY A) SCALE: N.T.S. DATE: 02/01/2007