

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED  
HIGHWAY IMPROVEMENT

FAI ROUTE 57/70 (I-57/70) AND FAI ROUTE 57/70 (I-57/70)  
SECTION (25-4)R AND SECTION (25-4)BR  
(25-4HVB-1)BY

PROJECT NHPP-000S(940)  
EFFINGHAM COUNTY

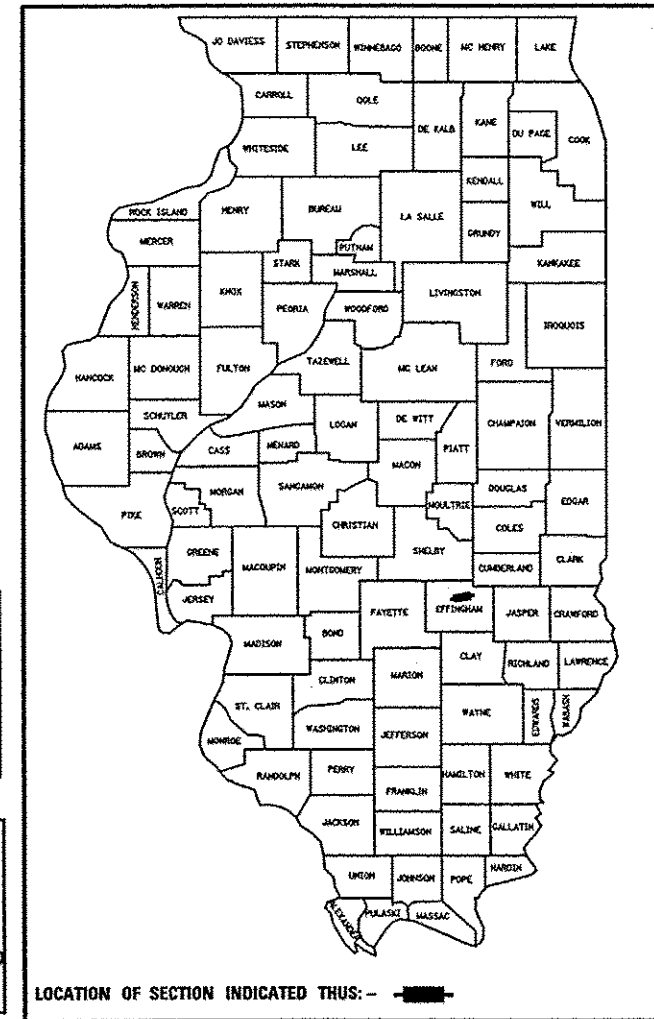
US ROUTE 45 AND NORTH TRI LEVEL INTERCHANGE RECONSTRUCTION,  
BRIDGE, LIGHTING, TRAFFIC SIGNALS,  
AND BRIDGE REPAIR

C-97-041-08

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70		EFFINGHAM	1760	1761
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO.	74295	

\*25-4IR AND (25-4HVB-1)BY (25-4)BR  
\*\* 1760+8 = 1768

D-97-053-01



FOR INDEX OF SHEETS, SEE SHEET NO. 2

SECTION (25-4HVB-1)BY INCLUDES THE EXTENSION OF THE EXISTING Y-SHAPED SINGLE CELL BOX CULVERT. THE NORTH BRANCH WILL BE EXTENDED WITH A 10' X 8' REINFORCED CONCRETE BOX CULVERT. THE SOUTH BRANCH WILL BE EXTENDED WITH A 17' X 10' REINFORCED CONCRETE BOX CULVERT.  
SN 025-8648

SECTION (25-4HVB-1)BY INCLUDES THE REMOVAL OF THE EXISTING 5 SPAN DUAL STRUCTURES 355'-8" BACK TO BACK OF ABUTMENTS AND REPLACEMENT WITH NEW DUAL 2 SPAN STRUCTURES 380'-2" BACK TO BACK OF ABUTMENTS. THE REPLACEMENT STRUCTURES CONSISTS OF PLATE GIRDERS WITH COMPOSITE CONCRETE DECK ON REINFORCED CONCRETE PIERS AND INTEGRAL ABUTMENTS FOR THE STRUCTURES CARRYING FAI 57/70 OVER C.N. RAILROAD AND US ROUTE 45. STA 2293+48.57 (FAI 57/70)  
SN 025-0013 EB (EX)  
SN 025-0014 WB (EX)  
SN 025-0112 EB (PROP)  
SN 025-0111 WB (PROP)

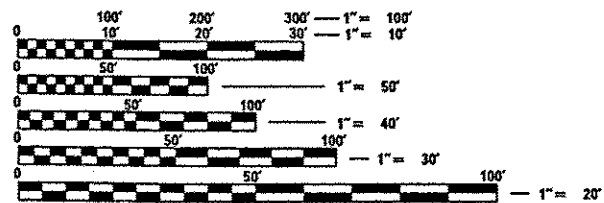
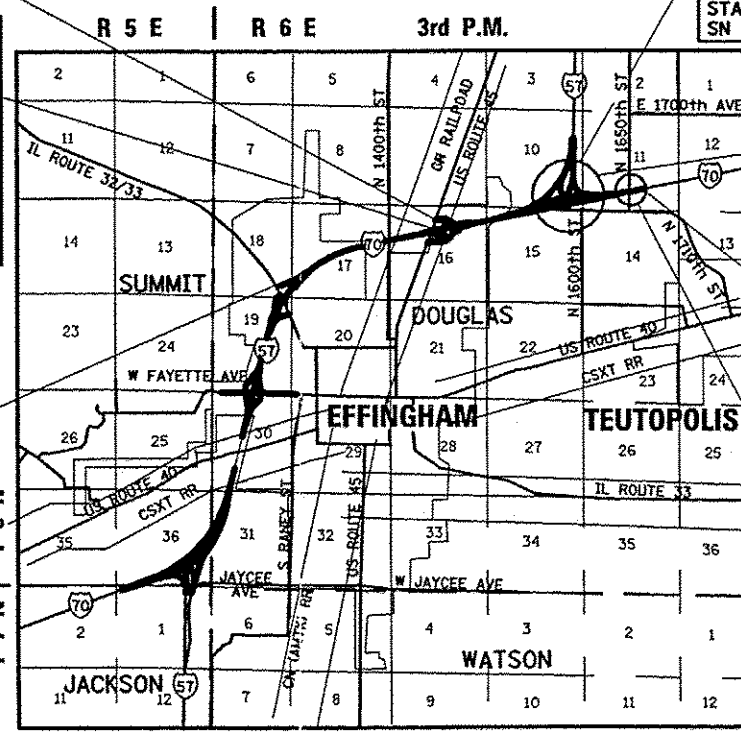
SET 2 - LOCATION 4  
SECTION (25-4HVB)I-3 INCLUDES BEARING REPLACEMENT, EXPANSION JOINT REPLACEMENT, SEISMIC CABLE RESTRAINERS AND MISC. CONCRETE REPAIR FOR THE STRUCTURE CARRYING RAMP F (EASTBOUND FAI-70) OVER NORTHBOUND FAI-57 AND WESTBOUND FAI-70 STA 10+90.57 (RAMP F)  
SN 025-0019

SET 2 - LOCATION 3  
SECTION (25-4HVB)I-4 INCLUDES CONCRETE OVERLAY, BEARING REPLACEMENT, EXPANSION JOINT REPLACEMENT, SEISMIC CABLE RESTRAINERS AND MISC. CONCRETE REPAIR FOR THE STRUCTURE CARRYING NORTHBOUND FAI-57 OVER WESTBOUND FAI-70 STA 5367+22.93 (RDWY D)  
SN 025-0002

SET 1  
SECTION (25-4)R ENDS  
STA 2413+00.00

SET 2 - LOCATION 5  
SECTION (25-4HVB)I-5 INCLUDES BRIDGE RAIL RETROFIT, BEARING REPLACEMENT, PAINTING STRUCTURAL STEEL AND SEISMIC CABLE RESTRAINERS FOR THE STRUCTURE CARRYING TOWNSHIP RD 258 OVER FAI 70 STA 50+00.00 (TR-258)  
SN 025-0062

SET 1  
SECTION (25-4)R BEGINS  
STA 2268+00.00



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811

PROJECT ENGINEER: TOM RONAN (217)342-8320

CONTRACT NO. 74295

DESIGN DESIGNATION

7070(30) PRINCIPAL ARTERIAL INTERSTATE 122.62 (CRCP-20)

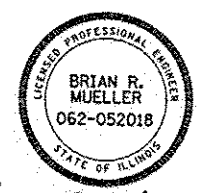
- ADT 45,400 (2010) FAI 57/70  
45% TRUCKS
- ADT 20,300 (2010) FAI 57  
34% TRUCKS
- ADT 25,300 (2010) FAI 70  
52% TRUCKS

LOCATION MAP

DOUGLAS TOWNSHIP



NET SET 1 SECTION LENGTH = 14,500.00 FEET = 2.746 MILES  
NET SET 2 SECTION LENGTH = 707.57 FEET = 0.134 MILES  
TOTAL LENGTH = 15,207.57 FEET = 2.880 MILES



Brian R. Mueller 05-06-13  
ILLINOIS PROFESSIONAL ENGINEER NO. 062-052018 DATE  
EXP. 11-30-2013



BERNARDIN \* LOCHMUELLER & ASSOCIATES, INC.  
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
SUBMITTED JUNE 11 2013  
Roger L. Driskell  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER  
Aug 16 2013  
John D. Baranzelli, PE  
ENGINEER OF DESIGN AND ENVIRONMENT  
Aug 16 2013  
Omer Osman, PE  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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