

PROJECT ENGINEER: KENSIL GARNETT

LIAISON ENGINEER: NANCY FASIG (217)465-4181

FOR INDEX OF SHEETS, SEE SHEET NO.2  
FOR LIST OF STANDARDS, SEE SHEET NO. 2  
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4

ADT = 24,100 (FAI 74) (2005)  
6,400 (FAP 836) (2007)  
1,050 (FAP 840) (2007)  
% SU = 7.1 (FAP 840); 3.0 (FAP 518/836)  
% MU = 5.7 (FAP 840); 11.5 (FAP 518/836)  
TRAFFIC FACTOR = 3.805

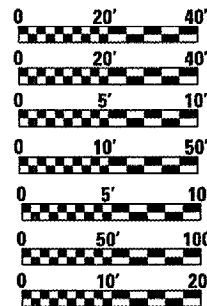
DESIGN DESIGNATION:  
IL 49N FAP 840 - 140(20)ARTERIAL 3.805 FD-20  
IL 49S FAP 836 - 600(20)ARTERIAL 3.805 FD-20

HIGHWAY CLASSIFICATION:  
RURAL MINOR ARTERIAL - IL 49  
INTERSTATE - F.A.I. ROUTE 74

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SCALES

PLAN 1" = 20'  
PROFILE HORIZ. 1" = 20'  
PROFILE VERT. 1" = 5'  
CROSS SECTION HORIZ. 1" = 10'  
CROSS SECTION VERT. 1" = 5'  
REMOVAL SHEET 1" = 50'  
INTERSECTION DETAIL 1" = 10'



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

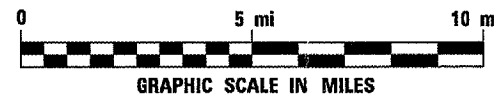
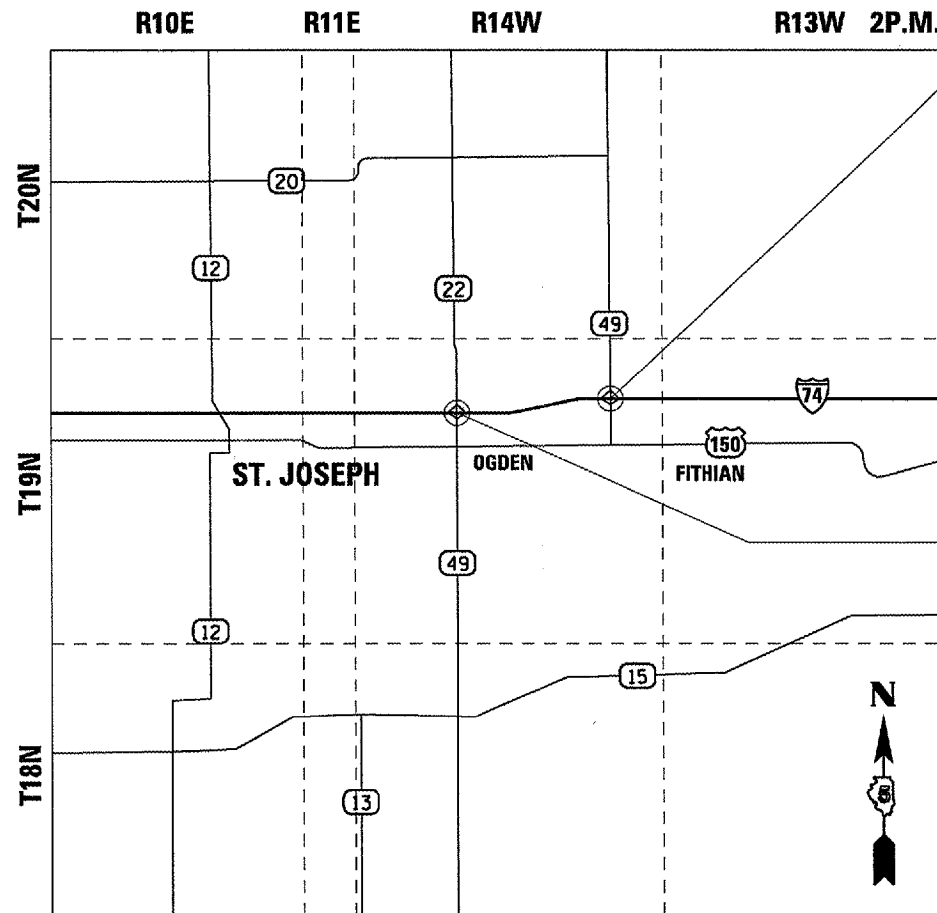
(OGDEN & OAKWOOD TOWNSHIPS)

CONTRACT NO. 70001

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

PROPOSED  
HIGHWAY PLANS

FAI ROUTE 74  
PROJECT: ACBRI - 074 - 6 (149) 200  
SECTION (10-92-8)(HB-1,HB-4)BR  
VERMILION & CHAMPAIGN COUNTIES  
C-95-032-99  
BRIDGE REPLACEMENT



PROPOSED IMPROVEMENT  
FAP 840 (IL 49 N):  
STA. 41+74.00 TO STA. 58+24.00  
FAI 74:  
STA. 1157+10.00 TO STA. 1163+10.00

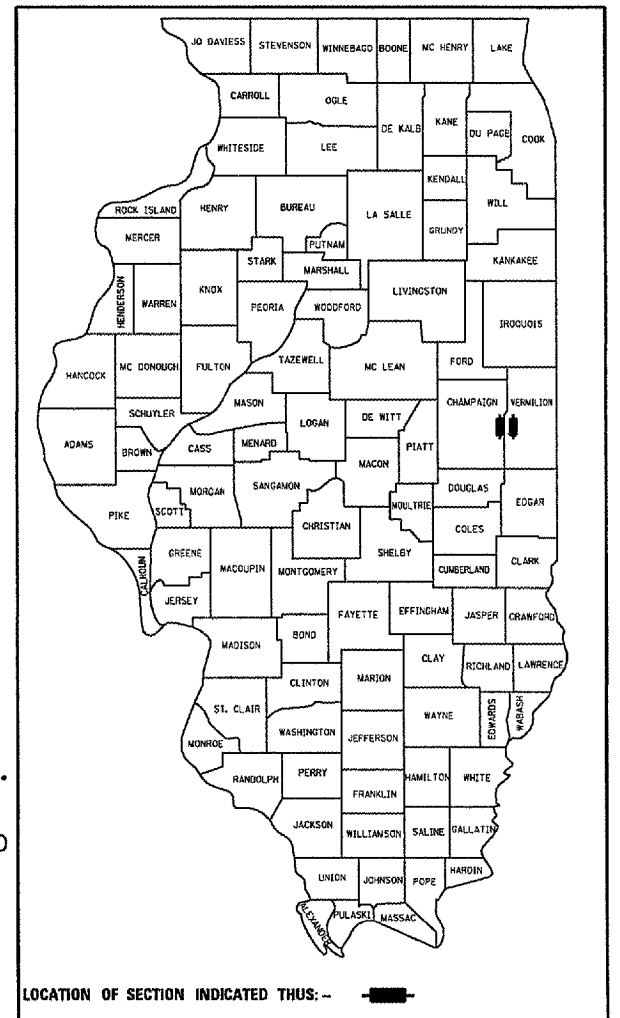
PROPOSED STRUCTURE (S.N. 092-0203)  
CONSISTS OF TWO SPANS, 35'-2" O. TO O.  
R.C. DECK ON SIX 42" DEEP PLATE  
GIRDERS, 0° SKEW, ONE MULTIPLE-COLUMN  
GRADE SEPARATION PIER, AND 220' BK. TO  
BK. INTEGRAL ABUTMENTS.

PROPOSED IMPROVEMENT  
FAP 836 (IL 49 S)/(CH 22):  
STA. 306+23.50 TO STA. 326+81.50  
EQUATION: STA. 307+77.50 BK.  
=STA. 41+00.00 AH.  
STA. 59+00.00 BK.  
=STA. 325+79.80 AH.

FAI 74:  
STA. 2294+00.00 TO STA. 1003+85.00  
EQUATION: STA. 2297+21.00 BK  
=STA. 1000+88.67 AH.

PROPOSED STRUCTURE (S.N. 010-0277)  
CONSISTS OF TWO SPANS, 43'-2" O. TO O.  
R.C. DECK ON SIX 42" DEEP PLATE  
GIRDERS, 0° SKEW, ONE MULTIPLE-COLUMN  
GRADE SEPARATION PIER, AND 219' BK. TO  
BK. INTEGRAL ABUTMENTS.

Table with columns: F.A.I. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO. Values: 74, (10-92-8)HB-1,HB-4)BR, CHAMPAIGN & VERMILION, 122, 1. Includes CONTRACT NO. 70001 and sheet count 136.



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
SUBMITTED 8/28 20 07  
Joseph C. Crowe  
DEPUTY DIRECTOR OF HIGHWAYS, REGION THREE ENGINEER  
October 12, 20 07  
Eric E. Harn  
ENGINEER OF DESIGN AND ENVIRONMENT  
October 12, 20 07  
Milton R. Seay P.E.  
DIRECTOR OF HIGHWAYS/CHIEF ENGINEER

GROSS LENGTH OF IMPROVEMENT = 6,103.54 FT. (1.16 MI.)  
NET LENGTH OF IMPROVEMENT = 6,103.54 FT. (1.16 MI.)