

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2830	01-00133-08-BR	WILL	37	1

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

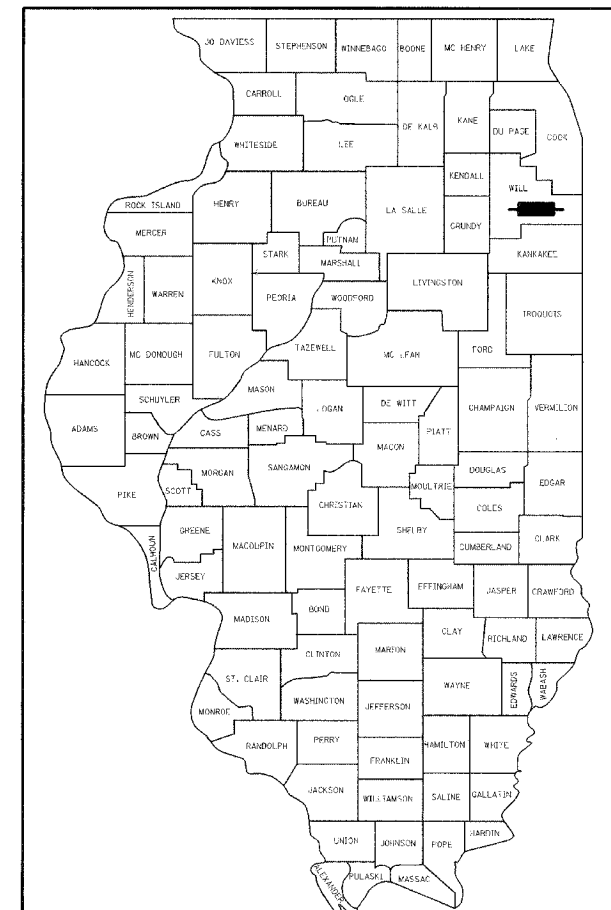
**PLANS FOR PROPOSED FEDERAL AID
LOCAL AGENCY IMPROVEMENT**

ENGINEER:
SMITH ENGINEERING CONSULTANTS
A DIVISION OF SEC GROUP, INC.
4500 PRIME PARKWAY
MCHENRY, ILLINOIS 60050-2136
(815) 385-1778
CONTACT:
BOB DAVIES, S.E., P.E. - STRUCTURAL ENGINEER
DAVID C. JOHANSON, P.E. - PROJECT MANAGER

INDEX OF SHEETS

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3	SUMMARY OF QUANTITIES
4	TYPICAL SECTIONS
5	ALIGNMENT, TIES AND BENCHMARKS
6	EXISTING CONDITIONS AND REMOVAL PLAN
7	PLAN AND PROFILE - OLD MONEE ROAD
8	PLAN AND PROFILE - STUENKEL ROAD
9	TEMPORARY DETOUR PLAN
10	SOIL EROSION AND SEDIMENT CONTROL PLAN
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12-30	BRIDGE PLANS
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32	TRAFFIC CONTROL AND PROTECTION FOR SIDE, INTERSECTIONS AND DRIVEWAYS AND BENCHING DETAIL FOR EMBANKMENT WIDENING
33-36	CROSS SECTIONS - OLD MONEE ROAD
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**FAU ROUTE 2830
OLD MONEE ROAD (C.H. 48)
OVER THORN CREEK
BRIDGE REPLACEMENT
PROJECT NO. BRM-8003(040)
SECTION 01-00133-08-BR
WILL COUNTY, ILLINOIS
C-91-147-01**

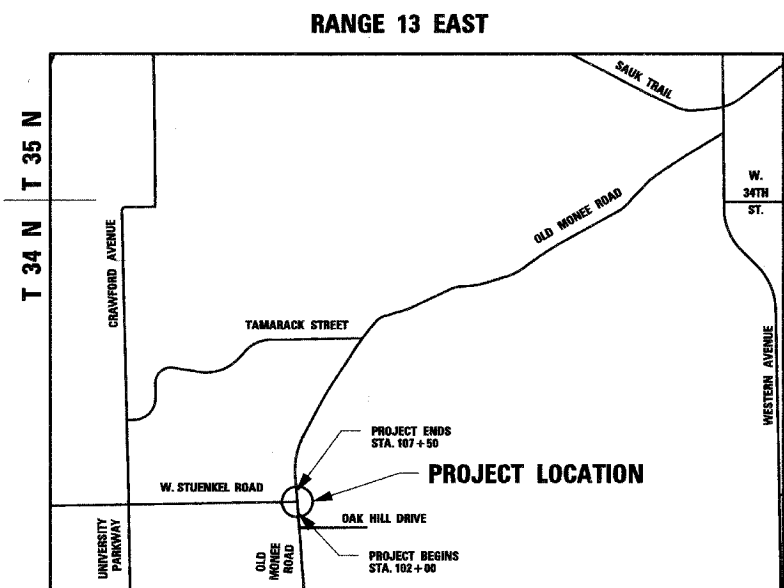


LOCATION OF SECTION INDICATED THUS: - ■ -

STRUCTURE INFORMATION:

EXISTING SN: 099-3065:
3-SPAN STRUCTURE CONSISTS OF PRECAST, PRESTRESSED CONCRETE DECK BEAMS WITH AN OUT-TO-OUT WIDTH OF 40'-4" AND A TOTAL LENGTH OF 79'-8" BK. TO BK. ABUTMENTS WITH A 30 DEGREE AHEAD RIGHT SKEW. THE SUBSTRUCTURE CONSIST OF OPEN PILE-BENT SPILL-THRU ABUTMENTS AND SOLID WALL CONCRETE PILE BENT PIERS. STRUCTURE TO BE REMOVED AS SHOWN WITH NO SLAVAGE.

PROPOSED SN: 099-3379:
SINGLE SPAN STRUCTURE CONSISTS OF A CAST IN PLACE CONCRETE DECK ON STEEL WIDE FLANGE BEAMS WITH AN OUT-TO-OUT WIDTH OF 43'-2" AND A TOTAL SPAN LENGTH OF 79'-8" BK. TO BK. ABUTMENTS WITH A 30 DEGREE RIGHT AHEAD SKEW. THE SUBSTRUCTURE CONSISTS OF INTEGRAL ABUTMENTS.



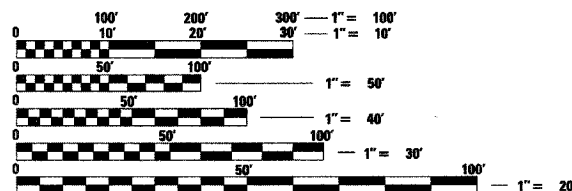
NOT TO SCALE
MONEE TOWNSHIP
GROSS LENGTH OF IMPROVEMENT = 550 FT. = 0.10 MILES
NET LENGTH OF IMPROVEMENT = 550 FT. = 0.10 MILES

FUNCTIONAL CLASSIFICATION
MINOR ARTERIAL (URBAN)

DESIGN SPEED
OLD MONEE ROAD: 45 MPH
STUENKEL ROAD: 45 MPH

SPEED LIMIT
OLD MONEE ROAD: 40 MPH
STUENKEL ROAD: 40 MPH

2004 TRAFFIC DATA:
OLD MONEE ROAD: ADT=2,181

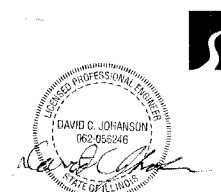


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROFESSIONAL ENGINEER'S SIGN & SEAL

David C. Johanson
DAVID C. JOHANSON, P.E.
11-26-07
DATE
November 30, 2009
EXPIRES



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WILL COUNTY DEPARTMENT OF HIGHWAYS

APPROVED Nov. 20, 2007 (DATE)
Sheldon C. Holt
COUNTY ENGINEER

PASSED NOVEMBER 30, 2007 (DATE)
Sheldon C. Holt
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW November 30 2007 (DATE)
Diane O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

