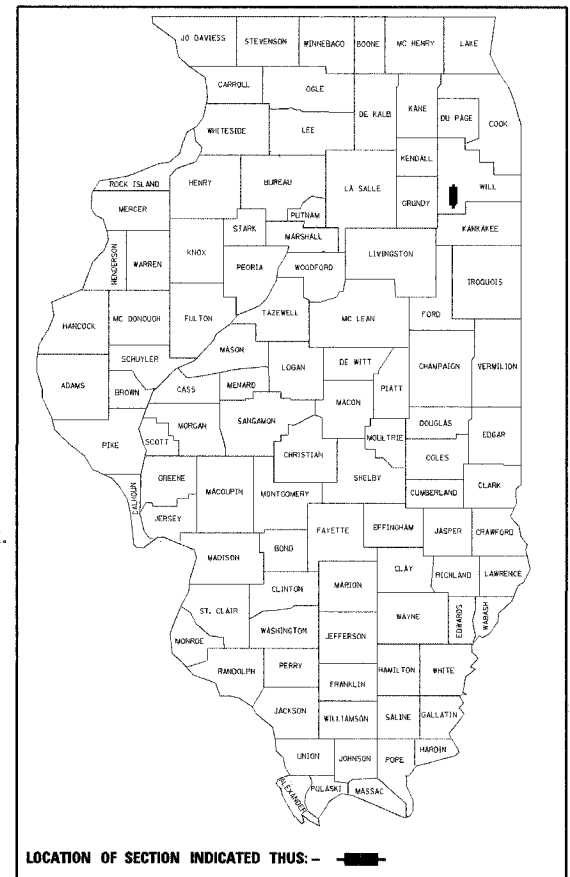


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
846	4B-1-1-1	WILL	39	1

CONTRACT NO. 60D26

D-91-294-01



LOCATION OF SECTION INDICATED THUS: - [shaded box] -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP RTE 846 /IL RTE 53 OVER PRAIRIE CREEK
SECTION 4B-1-1-1

BEAM AND BEARING FABRICATION

WILL COUNTY

C-91-370-07

PROJECT: BRF-F-0846 (017)

FABRICATION FOR:

FAP RTE 846 /IL RTE 53 OVER PRAIRIE CREEK

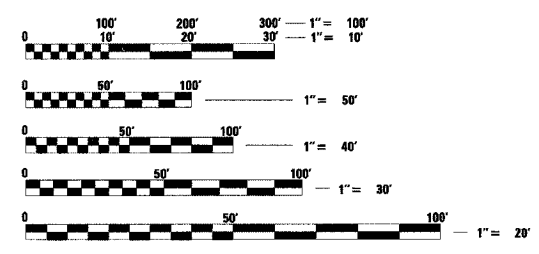
SN = 099-0090 (NB) AND 099-0242 (SB)
THE PROJECT INVOLVES THE REMOVAL AND REPLACEMENT OF THE EXISTING DECKS AND SUPERSTRUCTURES. THE ARCH BEAMS OF THE NORTHBOUND STRUCTURE WILL BE REPLACED WITH STANDARD BEAMS WITH AN ARCH FACADE ON BOTH SIDES TO MAINTAIN THE HISTORIC CONFIGURATION OF THE STRUCTURE. THE PRE STRESSED PRECAST CONCRETE BOX BEAMS OF THE SOUTHBOUND STRUCTURE WILL BE REPLACED WITH THREE SPAN CONTINUOUS COMPOSITE STEEL BEAMS WITH CONCRETE DECK. THE APPROACH ROADWAY WILL CONSIST OF TWO 12-FOOT NORTHBOUND AND TWO 12-FOOT SOUTHBOUND LANES, 10-FOOT OUTSIDE SHOULDERS AND 6-FOOT INSIDE SHOULDERS.

FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA FOR NB & SB
EXISTING 1999 ADT = 7,000 VPD
PROPOSED 2021 ADT = 9,450 VPD
POSTED SPEED LIMIT = 45 MPH

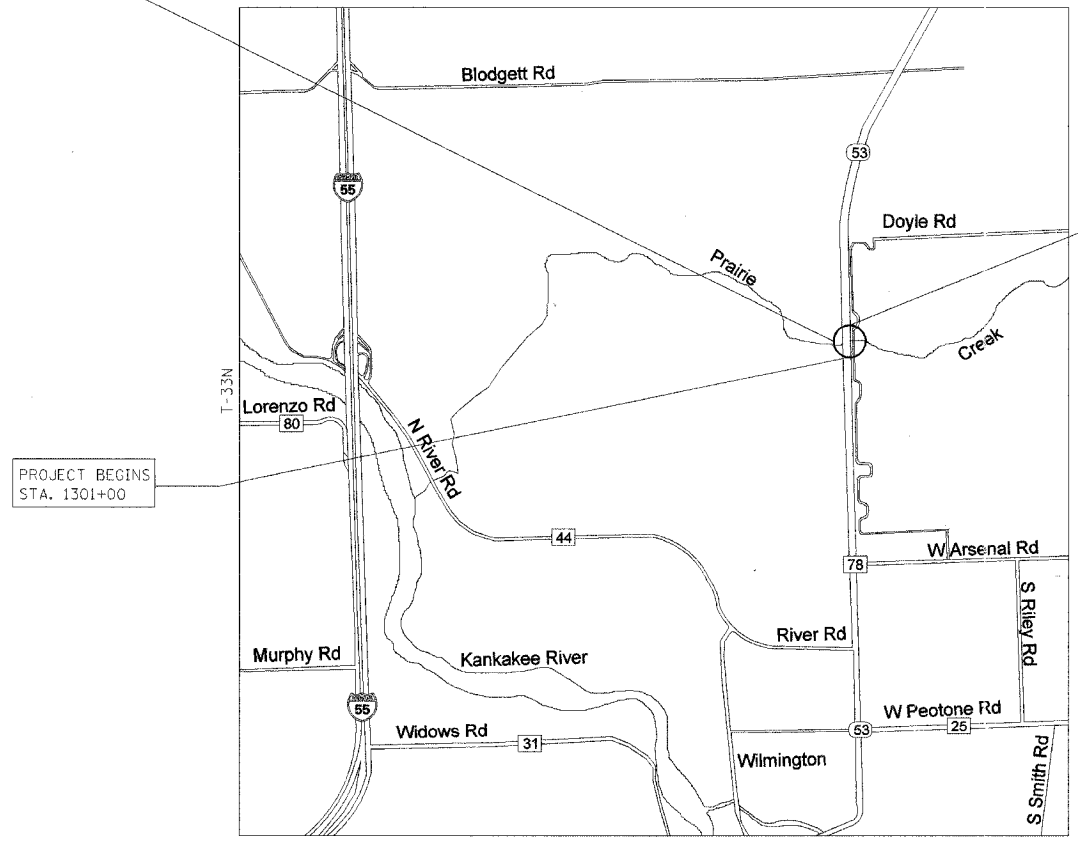
DESIGN DESIGNATION
8000 (08) ARTERIAL (FD-20)

THE PROJECT IS LOCATED IN THE FLORENCE TOWNSHIP OF WILL COUNTY.



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.

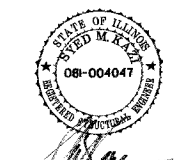
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123



PROJECT BEGINS STA. 1301+00

PROJECT ENDS STA. 1309+00

MAP SCALE: 1"=1 MILE
GROSS AND NET LENGTH OF PROJECT 800 FT



Syed M. Kazi
Licensed Structural Engineer
State of Illinois
License No. 081-004047
Expires: 11-30-2008

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED July 19, 20 07
Diane O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS REGION 1 ENGINEER

August 17, 20 07
Eric E. Harrell
Interim ENGINEER OF DESIGN AND ENVIRONMENT

August 17, 20 07
Milton R. Sear, P.E.
DIRECTOR, DIVISION OF HIGHWAYS

DELTA ENGINEERING, INC.
CONSULTING ENGINEERS, CONSTRUCTION MANAGERS, SURVEYORS
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DISTRICT ONE - DESIGN /CONSULTANT PROJECT MANAGER: RAJENDRA C. SHAH, P.E. (847)705-4555

CONTRACT NO. 60D26

Rev.