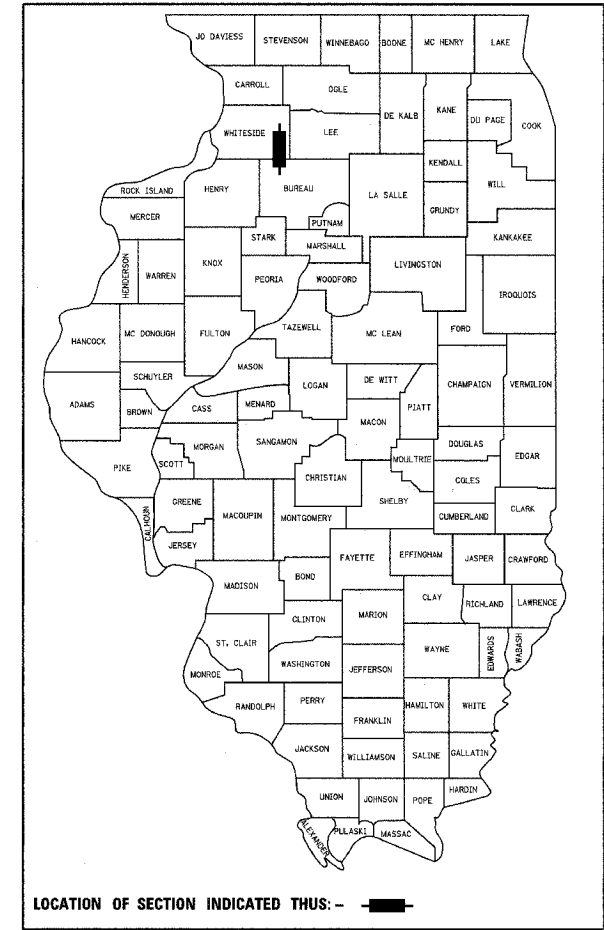


PROJECT ENGINEER: BOB WAGNER
 SQUAD LEADER: BECKY MARRUFFO (815) 284-5902
 FRED LIN
 CONSULTANT: RANDOLPH & ASSOCIATES, INC. (309) 693-8844, LIN ENGINEERING, LTD. (217) 483-4168
 DON BELL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(102)BR-3	WHITESIDE	59	1

CONTRACT NUMBER: 64426
D-92-059-99



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED August 30, 2005
Jimmy Mounts
REGION 2 DISTRICT ENGINEER

October 14, 2005
Mike Sear
ENGINEER OF DESIGN AND ENVIRONMENT

October 14, 2005
Eric E. Hawn
DEPUTY DIRECTOR, DIVISION OF HIGHWAYS

PREPARED BY:
LIN ENGINEERING, LTD.
CHATHAM, ILLINOIS 62629
(217) 483-4168

Fred M. Lin
FRED M. LIN, P.E.
ILLINOIS REGISTERED ENGINEER NO. 062-056704
REGISTRATION EXPIRES NOV. 30, 2005

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OF THE STATE OF ILLINOIS**

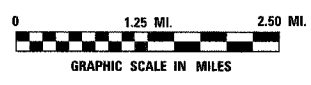
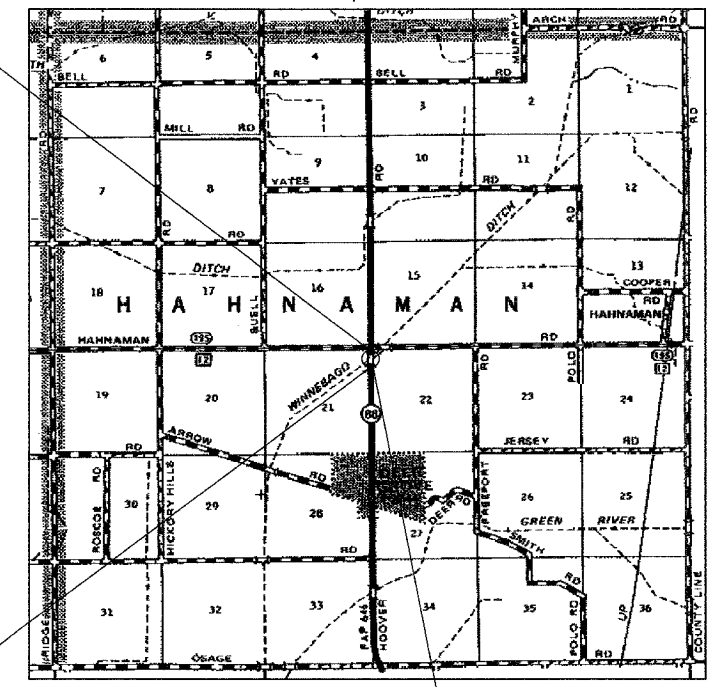
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

F.A. ROUTE 646 (IL RTE 40)
SECTION 102 BR-3
C-92-112-03
WHITESIDE COUNTY
PROJECT ACF-0646(060)
R 7E, 4th P.M.

BEGIN PROJECT LIMIT
STA 554+55.00

END PROJECT LIMIT
STA 562+70.00



DESCRIPTION OF WORK:
THIS PROJECT INCLUDES THE COMPLETE REMOVAL OF THE THREE-SPAN PRECAST, PRESTRESSED CONCRETE DECK BEAM STRUCTURE (S.N. 098-0017) CARRYING F.A. RTE 646 (IL RTE 40) OVER WINNEBAGO DITCH AND REPLACEMENT WITH A THREE SPAN, REINFORCED CONCRETE DECK AND WIDE FLANGE BEAM STRUCTURE (S.N. 098-0109), RAISING THE PROFILE OF THE EXISTING PAVEMENT, SHOULDER IMPROVEMENTS, RELOCATING AN EXISTING FIELD ENTRANCE, AND RELATED EARTHWORK AND DRAINAGE.

GROSS LENGTH OF IMPROVEMENT = 815.0 FEET = 0.15 MILE
NET LENGTH OF IMPROVEMENT = 815.0 FEET = 0.15 MILE



INDEX OF SHEETS

- 1 COVER SHEET, INDEX OF SHEETS, & STANDARDS
- 2 - 3 SUMMARY OF QUANTITIES
- 4 TYPICAL SECTIONS
- 5 HORIZONTAL & VERTICAL CONTROL
- 6 GENERAL NOTES & COMMITMENTS
- 7 - 9 SCHEDULE OF QUANTITIES
- 10 - 11 PLAN & PROFILE
- 12 MAINTENANCE OF TRAFFIC PLAN
- 13 - 33 PROPOSED BRIDGE PLAN
- 34 - 36 BORING LOGS
- 37 - 42 EXISTING BRIDGE PLAN
- 43 BUTT JOINT AND FIELD ENTRANCE DETAILS
- 44 - 51 DISTRICT STANDARDS
- 52 - 57 CROSS SECTIONS
- * 43A Stream Water Pollution Prevention Plan

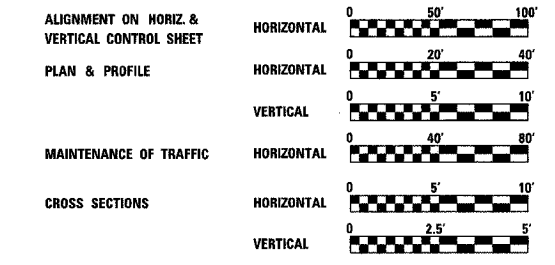
STATE STANDARDS

- 000001-04 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
- 001001 AREAS OF REINFORCEMENT REBARS
- 001006 DECIMAL OF AN INCH AND A FOOT
- 280001-02 TEMPORARY EROSION CONTROL SYSTEMS
- 420401-05 BRIDGE APPROACH PAVEMENT
- 503001-02 CONCRETE PARAPET SLIP-FORMING OPTION
- 515001-02 NAME PLATE FOR BRIDGES
- 542401 METAL END SECTION FOR PIPE CULVERTS
- 609006-02 BRIDGE APPROACH PAVEMENT (DRAIN DETAIL)
- 630001-05 STEEL PLATE BEAM GUARDRAIL
- 630301-03 SHOULDER WIDENING FOR TYPE 1, (SPECIAL) GUARDRAIL TERMINALS
- 631031-05 TRAFFIC BARRIER TERMINAL TYPE 6
- 635001 DELINEATORS
- 635006-02 REFLECTOR AND TERMINAL MARKER PLACEMENT
- 635011-01 REFLECTOR MARKER AND MOUNTING DETAILS
- 666001 RIGHT OF WAY MARKERS
- 667101 PERMANENT SURVEY MARKERS
- 701011-01 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES
- 701201-02 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES
- 701306-01 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES
- 701311-02 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES
- 701321-08 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES
- 701326-02 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES
- 702001-05 TRAFFIC CONTROL DEVICES
- 704001-02 TEMPORARY CONCRETE BARRIER
- 720011 METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
- 780001-01 TYPICAL PAVEMENT MARKINGS
- 781001-02 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

DISTRICT STANDARDS

- 2.1 SWPPP/EROSION CONTROL PLAN
- 22.1 ENTRANCE AND SIDERADS WITH 2.4m (8') BITUMINOUS SHOULDERS
- 23.4 DETAIL OF BITUMINOUS SHOULDER AT GUARD RAIL
- 23.4a BITUMINOUS SHOULDER
- 30.2 FIELD TILE JUNCTION VAULTS 600(24) AND 900(36) DIA.
- 31.2 TREATMENT OF FIELD TILE SYSTEMS UNDER DITCHES
- 34.4 THRUST BLOCK DETAILS
- 37.4 DELINEATOR AND POST ORIENTATION
- 38.4 WITNESS MARKER FOR PERMANENT SURVEY MARKERS TYPE II
- 39.4 INFORMATIONAL WARNING SIGN (FOR NARROW TRAVEL LANES)*
- 41.1 TYPICAL PAVEMENT MARKINGS
- 63.4 REFERENCE MARKERS
- 73.2 AUTOMATIC FLAP GATES
- 90.4 TREE REPLACEMENT SCHEDULE
- 91.4 RUMBLE RESURFACING
- 92.4 BARRIER REFLECTORS
- 99.4 STOP LINE FOR TEMPORARY SIGNALS

* SIGNS TO BE INCLUDED IN COST OF TRAFFIC CONTROL AND SHALL NOT BE PAID SEPARATELY



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

HAHNAMAN TOWNSHIP, SECTION 21 & 22
CONTRACT NO. 64426