

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(Y)W-1, RS-3	PEORIA	142	1

150

FOR INDEX OF SHEETS, SEE SHEET NO. 2

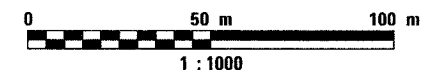
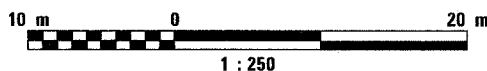
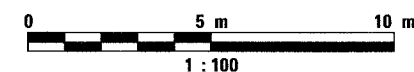
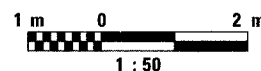
HIGHWAY CLASSIFICATIONS

CLASSIFICATION	MAJOR ARTERIAL
ACCESS CONTROL	PARTIAL
DESIGN SPEED	70 km/h
MAXIMUM GRADE	1.83%
MAXIMUM DEGREE OF CURVATURE	2° 01'16"
A.D.T. (2005)	
SOUTH PROJECT LIMITS TO MOSSVILLE ROAD	15,600
MOSSVILLE ROAD TO NORTH PROJECT LIMITS	13,300
% TRUCKS	4%
DESIGN DESIGNATION	
2050(15) MAJOR 4.27 (B-20)	

HIGHWAY STANDARDS

000001-04	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-02	TEMPORARY EROSION CONTROL SYSTEMS
442201-01	CLASS C AND D PATCHES
482001	BITUMINOUS SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
542301	PRECAST REINFORCED CONCRETE FLARED END SECTION
542306	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
542401	METAL END SECTION FOR PIPE CULVERTS
601001	SUB-SURFACE DRAINS
601101	CONCRETE HEADWALL FOR PIPE DRAIN
602401-01	MANHOLE TYPE A
604001-02	FRAME AND LIDS TYPE I
606001-02	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
665001-01	WOVEN WIRE FENCE
666001	RIGHT OF WAY MARKERS
701001-01	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 4.5 M (15') AWAY
701006-02	OFF-ROAD OPERATIONS, 2L, 2W, 4.5 M (15') TO 600 MM (24") FROM PAVEMENT EDGE
701011-01	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-01	OFF-ROAD OPERATIONS, MULTILANE, 4.5 M (15') TO 600 MM (24") FROM PAVEMENT EDGE
701201-02	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-02	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-01	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-02	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS- DAY ONLY
701324-02	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
701331-02	LANE CLOSURE, 2L, 2W, WITH RUN-AROUND, FOR SPEEDS ≥ 45 MPH
701336-04	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS ≥ 45 MPH
701426-02	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
701501-03	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-04	URBAN LANE CLOSURE, MULTILANE INTERSECTION
702001-06	TRAFFIC CONTROL DEVICES
720001	SIGN PANEL MOUNTING DETAILS
720006	SIGN PANEL ERECTION DETAILS
720016-01	MAST ARM MOUNTED STREET NAME SIGNS
780001-01	TYPICAL PAVEMENT MARKINGS
781001-02	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
805001	ELECTRICAL SERVICE INSTALLATION DETAILS
814001	CONCRETE HANDHOLES
814006	DOUBLE HANDHOLES
857001	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
873001	TRAFFIC SIGNAL GROUNDING
877011-02	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE
878001-04	CONCRETE FOUNDATION DETAILS
880001	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006	TRAFFIC SIGNAL MOUNTING DETAILS
BLR 21-6	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
BLR 22-4	TYP. APPL. OF T.C.D. FOR RURAL LOC. HWYS. (2-LANE 2 WAY RURAL TRAFF.) (RD. CLOSED TO THRU TRAFF.)

METRIC RATIOS



BITUMINOUS SUPERPAVE
QC/QA BITUMINOUS
N.P.D.E.S. PERMIT REQUIRED
LATITUDE = 40°-48°
LONGITUDE = 89°-37°

SURVEY BOOK NUMBERS  
2679 (A,B,C,D,E,F,G,H)

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

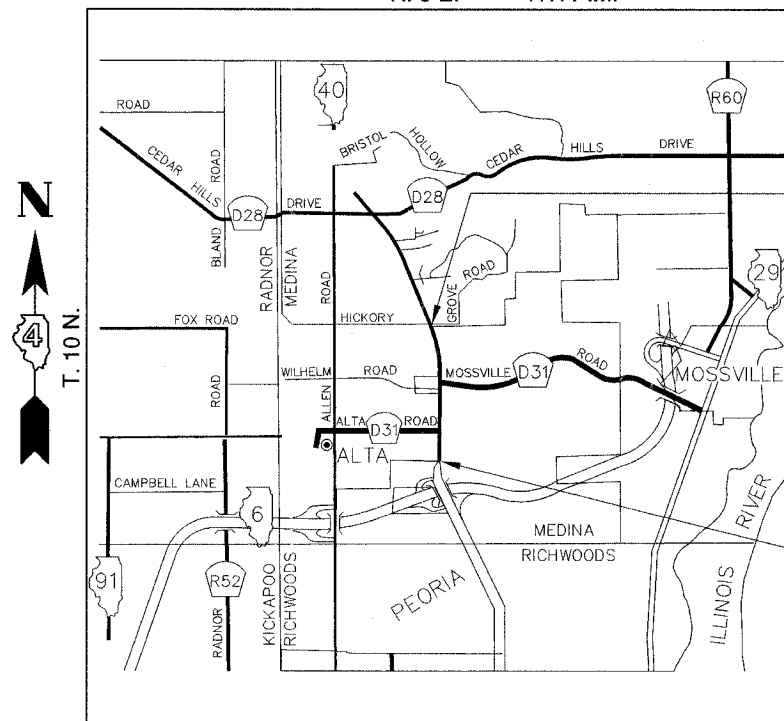
CATALOG NO. 030034-01D  
CONTRACT NO. 88548

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
**PROPOSED  
HIGHWAY PLANS**

F.A. ROUTE 646 (IL 40)  
SECTION: (Y)W-1, RS-3  
PROJECT ACF-0646 (063)  
PEORIA COUNTY

C-94-101-94

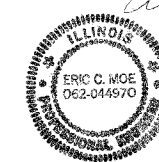
R. 8 E. 4TH P.M.



LOCATION MAP  
NOT TO SCALE

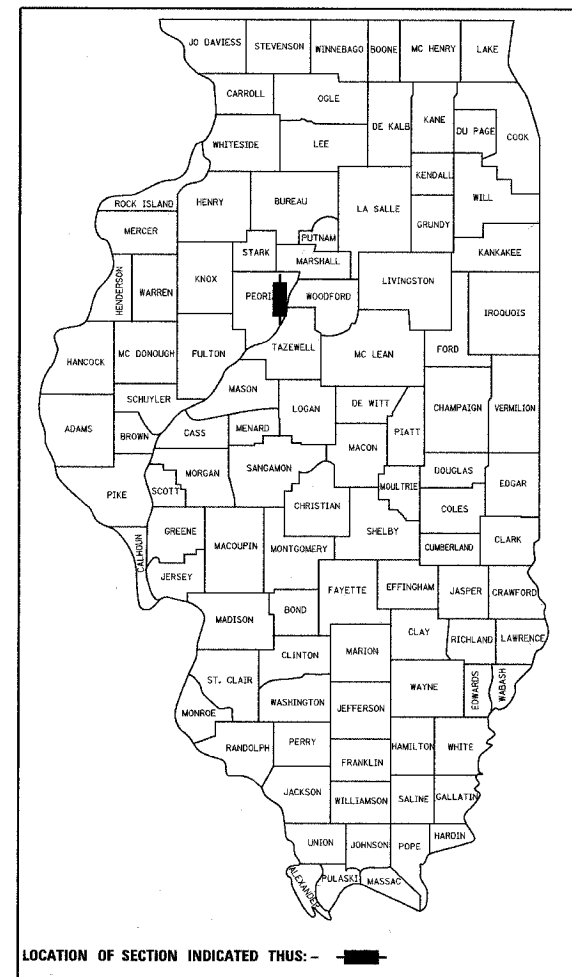
IMPROVEMENT ENDS  
STATION 15+714

IMPROVEMENT BEGINS  
STATION 13+707.18



TOTAL SHEETS = 142

DESIGNED BY: **McCLURE ENGINEERING ASSOCIATES, INC.**  
CONTACT PERSON - ERIC C. MOE  
PHONE NO. - (309) 833-4594



LOCATION OF SECTION INDICATED THIS: - [Symbol]

DESCRIPTION OF WORK

PROPOSED IMPROVEMENT  
THE WORK INCLUDES: DEMOLITION, CLEARING, EARTHWORK, PATCHING, BITUMINOUS WIDENING, RESURFACING, FULL DEPTH BITUMINOUS CONCRETE PAVEMENT, TRAFFIC SIGNALS, PAVEMENT MARKINGS, AND THE CONSTRUCTION/RECONSTRUCTION OF VARIOUS SIDEROADS, FRONTAGE ROADS AND SERVICE DRIVES, ALONG WITH OTHER ASSOCIATED WORK NECESSARY TO COMPLETE THIS PROJECT.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED October 2, 2006

Joe Crowe  
DEPUTY DIRECTOR OF HIGHWAYS/REGION THREE ENGINEER

October 13, 2006

Mike Hine  
ENGINEER OF DESIGN AND ENVIRONMENT

October 13, 2006

Milton L. Sen  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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GROSS LENGTH OF IMPROVEMENT = 2,006.82 METERS = 2.006 KILOMETERS  
NET LENGTH OF IMPROVEMENT = 2,006.82 METERS = 2.006 KILOMETERS

PROJECT ENGINEER: MAUREEN ADDIS PHONE (309) 671-3454

BY: MIKE McLUCKIE PHONE (309) 671-3468