D:\LD2\03100134_PHASEII\DWG\COVER.DWG
November 17, 2003 7:49:54 a.m.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHTS.
120	00-00097-00-CH STATE SECTION	MCHENRY	28
COVER SHEET			
F.H.W.A. REG.5	ILLINOIS	PROJECT NO. F-0305	

INDEX TO SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES & LEGEND
3	SUMMARY OF QUANTITIES
4	TYPICAL SECTIONS
5	ALIGNMENT AND TIE POINTS
6-7	PLAN & PROFILE
8-11	DISTRICT ONE TRAFFIC SIGNAL DETAILS
12	TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN
13	TEMPORARY TRAFFIC SIGNAL CABLE PLAN
14	TRAFFIC SIGNAL MODERNIZATION PLAN
15	TRAFFIC SIGNAL CABLE PLAN
16	INTERCONNECT SCHEMATIC
17	TRAFFIC SIGNAL SYSTEM INTERCONNECT MODERNIZATION
18	PAVEMENT MARKING PLAN
19-20	SPECIAL DETAILS
21-24	CROSS SECTIONS
25-28	STANDARD DETAILS

STATE STANDARDS

000001-04	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-04	CURB RAMPS FOR SIDEWALKS
602001	CATCH BASIN, TYPE A
602301	INLET, TYPE A
602401	MANHOLE, TYPE A
602501	VALVE VAULT, TYPE A
602601	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-02	FRAME AND LIDS, TYPE 1
604051-01	FRAME AND GRATE, TYPE 11
604091-01	FRAME AND GRATE, TYPE 24
606001-02	CONCRETE CURB, TYPE B, AND COMBINATION CONCRETE CURB AND GUTTER
701301 -02	LANE CLOSURE 2L, 2W, SHORT TIME OPERATIONS
701501-03	7015URBAN LANE CLOSURE 2L, 2W, UNDIVIDED
701502-01	URBAN LANE CLOSURE 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701606-04	URBAN LANE CLOSURE MULTILANE, 2W, WITH MOUNTABLE MEDIAN
701701-04	URBAN LANE CLOSURE MULTILANE INTERSECTION
701801-03	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
702001-05	TRAFFIC CONTROL DEVICES
720001	SIGN PANEL MOUNTING DETAILS
720006	SIGN PANEL ERECTION DETAILS
720016-01	MAST ARM MOUNTED STREET NAME
780001-01	TYPICAL PAVEMENT MARKINGS
781001-02	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
805001	ELECTRICAL SERVICE INSTALLATION DETAILS
814001	CONCRETE HANDHOLES
814006	DOUBLE HANHOLES
857001	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
877001-02	STEEL MAST ARM ASSEMBLY AND POLE
878001-03	CONCRETE FOUNDATION DETAILS
880001	SPAN WIRE MOUNTED SIGANLS AND FLASHING BEACON INSTALLATION
880006	TRAFFIC SIGNAL MOUNTING DETAILS
886001	DETECTOR LOOP INSTALLATIONS
886006	TYPICAL LAYOUT FOR DETECTION LOOPS

0 100' 200' 300' — 1"= 100'
0 10' 20' 30' — 1"= 10'
0 50' 100' — 1"= 50'
0 50' 100' — 1"= 40'
0 50' 100' — 1"= 30'
0 50' 100' — 1"= 20'

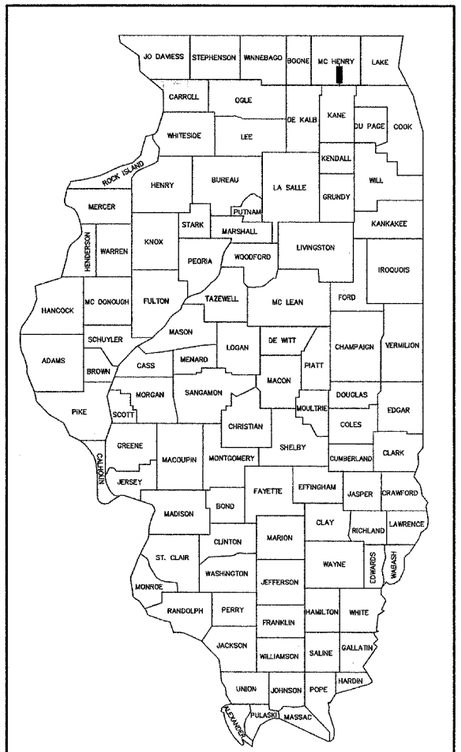
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

CONTRACT NO. 83725

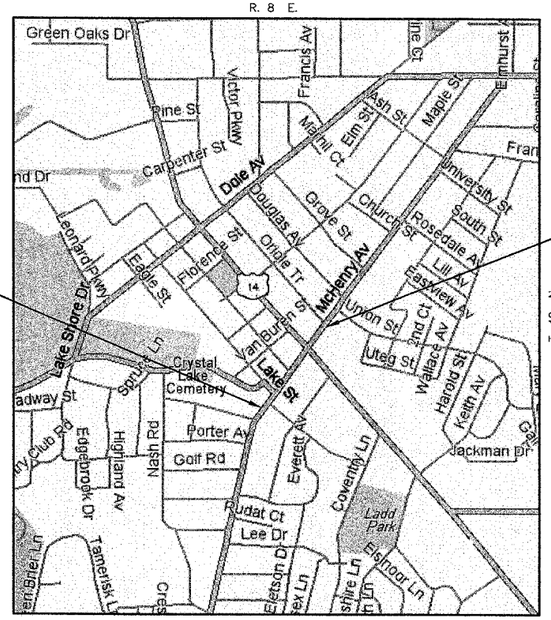
DESIGN DESIGNATION: FAU RTE 120 McHENRY AVE.
1570 (03) MINOR ARTERIAL 1.62 (FD-20)
DESIGN SPEED 35 MPH

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLANS FOR PROPOSED FEDERAL AID HIGHWAY
F.A.U. ROUTE NO. 120 (McHENRY AVENUE)
AT F.A.P. ROUTE 305 (U.S. ROUTE 14)
SECTION NO. 00-00097-00-CH
PROJECT NO. M-8003(331)

CITY OF CRYSTAL LAKE
McHENRY COUNTY
JOB NO. C-91-303-02



LOCATION OF SECTION INDICATED THUS: —■—



LOCATION MAP
SCALE: 1"= 2000'

McHENRY AVENUE IMPROVEMENT BEGINS STATION 43+40

McHENRY AVENUE IMPROVEMENT ENDS STATION 63+68

STATION EQUATION
STA. 50+00 BACK McHENRY AVE. =
STA. 60+01.23 AHEAD McHENRY AVE.

WARNING
CALL JULIE TOLL FREE 1-800-892-0123
CALL BEFORE YOU DIG

NET LENGTH OF IMPROVEMENT McHENRY AVENUE = 1026.77 LIN. FT. = (0.1945 MILES)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED 18 November, 2003
Clyde F. Wakefield
LOCAL AGENCY OFFICIAL

PASSED 21 19, 2004
DISTRICT ENGINEER OF LOCAL ROADS AND STREETS

APPROVED February 19, 2004
John P. Kos/AP
DISTRICT ENGINEER

DATE: 11/18/03

BY: James R. Lenzini
JAMES R. LENZINI

LICENSE EXPIRES: 11/30/05

LICENSE NO.
062-043174
JAMES R. LENZINI
REGISTERED PROFESSIONAL ENGINEER
OF ILLINOIS
SEAL:

HLR
Hampton Lenzini and Renwick, Inc.
Civil Engineers
Land Surveyors
380 Shepard Drive
Elgin, Illinois 60123-7
847.697.6700
Account Number 07-10-0134

HAMPTON LENZINI AND RENWICK, INC.
FEDERAL AID ENGINEER
MAZHAR KHAN 847-705-4179