

SMITH ENGINEERING CONSULTANTS, INC.
 CIVIL/STRUCTURAL ENGINEERS AND SURVEYORS
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 www.smithengineering.com E-MAIL: seo@smithengineering.com
 #MCHENRY #MONTLEY #YORKVILLE
 ILLINOIS PROFESSIONAL DESIGN FIRM # 184-000108

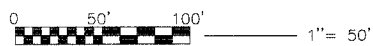
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

**PLANS FOR PROPOSED
 FEDERAL AID HIGHWAY**

F.A.U. 3873 : ACKMAN ROAD FROM
 F.A.U. 3869 (HALIGUS ROAD) TO F.A.U. 3870 (LAKEWOOD ROAD)
 SECTION NO. 00-00243-00-FP
**AND INTERSECTION IMPROVEMENTS, WIDENING AND RESURFACING
 MCHENRY COUNTY**
PROJECT NO. M-RS-8003 (142)
C-91-429-01
COUNTY HIGHWAY A-46

FOR INDEX OF SHEETS, SEE SHEET NO. 2

SCALES
 PLAN: 1" = 20'
 PROFILE HORIZ.: 1" = 20'
 PROFILE VERT.: 1" = 5'
 CROSS SECTIONS HORIZ.: 1" = 2'
 CROSS SECTIONS VERT.: 1" = 5'

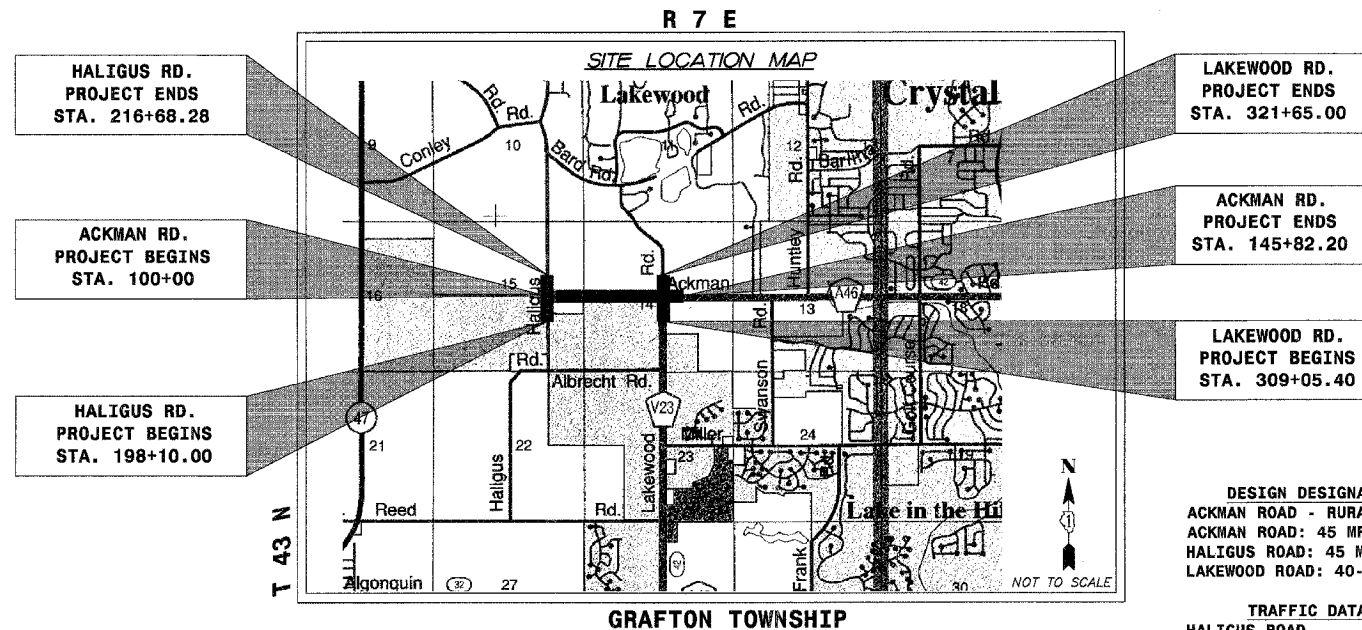


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES, IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

PROJECT LOCATED IN
 THE VILLAGE OF LAKEWOOD
 AND LAKE IN THE HILLS

CALL JULIE 1-800-892-0123
 WITH THE FOLLOWING:
 COUNTY MCHENRY
 CITY-TOWNSHIP VILLAGES OF LAKE IN THE HILLS &
 LAKEWOOD, GRAFTON TOWNSHIP
 SEC. & 1/4 SEC. NO. # 14, 15
 48 hours before you dig
 (Excluding Sat., Sun. & Holidays)

CONTRACT NO. 83840

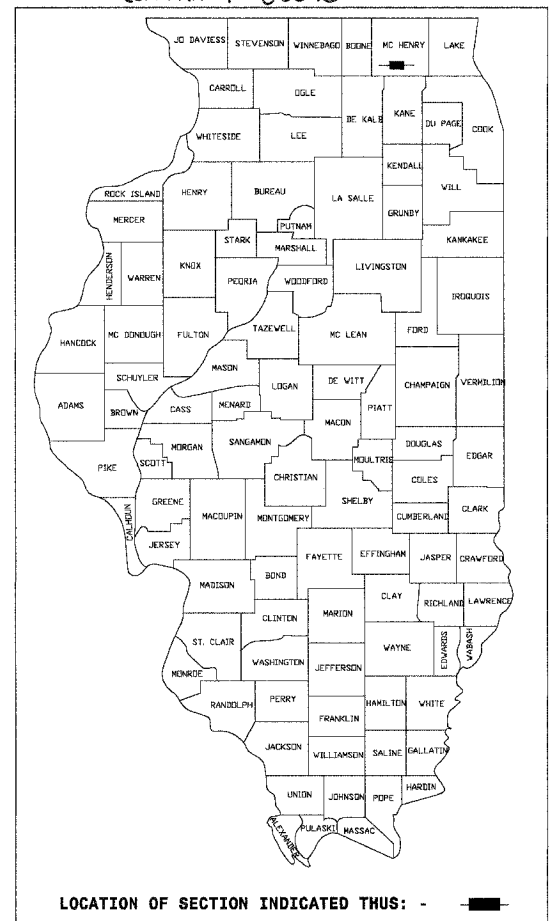


GROSS LENGTH OF PROJECT = 4,582.20 FEET = 0.8678 MILES
 NET LENGTH OF PROJECT = 4,582.20 FEET = 0.8678 MILES

DESIGN DESIGNATION
 ACKMAN ROAD - RURAL ARTERIAL
 ACKMAN ROAD: 45 MPH
 HALIGUS ROAD: 45 MPH
 LAKEWOOD ROAD: 40-45 MPH

TRAFFIC DATA
 HALIGUS ROAD : 1,440 (2000)
 ACKMAN ROAD : 7,593 (2000)
 LAKEWOOD ROAD (NORTH): 2,462 (2000)
 LAKEWOOD ROAD (SOUTH): 7,073 (2000)

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3873	00-00243-00-FP	MCHENRY	84	1
PROJECT NO. M-RS-8003 (142)				
FED. ROAD DIST. NO. 1 ILLINOIS HIGHWAY PROJECT 1				
CONTRACT 83840				



LOCATION OF SECTION INDICATED THUS: - [black rectangle]

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

APPROVED JANUARY 17 2006
Joseph R. Korpelanski, Jr.
 DIRECTOR OF TRANSPORTATION/COUNTY ENGINEER
 APPROVED FEBRUARY 24 2006
[Signature]
 LOCAL ROADS ENGINEER
 APPROVED Feb. 24 2006
Diane M. O'Keefe/CD
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

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 STATE OF ILLINOIS

PROFESSIONAL ENGINEER'S SIGN & SEAL
Theodore E. Hamilton
 THEODORE E. HAMILTON P.E.
 Jan. 16, 2006
 DATE: Nov. 30, 2007
 LICENSE EXPIRES: [blank]

FEDERAL AID DESIGN ENGINEER: JESSICA MILLER (847) 705-4487

PLOT FILE GEN COMP. FILE 03/22/07 09:48