

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED
FEDERAL AID HIGHWAY

FAU 2647 (CH 57 (BUTTERFIELD ROAD))
STP Section No.: 99-00142-07-WR
Project No.: F-0330(042)
HARDING AVENUE TO FAP 352 (IL ROUTE 137 (BUCKLEY ROAD))
ROADWAY RECONSTRUCTION & TRAFFIC SIGNAL MODERNIZATION
LAKE COUNTY
JOB No.: C-91-374-04

FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2647	99-00142-07-WR	LAKE	256	1

CONTRACT NO. 83815

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	LISTING OF APPLICABLE HIGHWAY STANDARDS, GENERAL NOTES
3 - 6	SUMMARY OF QUANTITIES
7 - 11	TYPICAL SECTIONS
12 - 14	SCHEDULE OF QUANTITIES
15 - 17	ALIGNMENT, TIES AND BENCHMARKS
18 - 27	ROADWAY PLAN
28 - 33	ROADWAY PROFILE
34 - 35	DETOUR NOTES AND PLAN
36 - 53	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
54 - 58	EROSION CONTROL PLAN
59 - 68	UTILITY PLAN
69 - 74	UTILITY PROFILE
75 - 76	UTILITY INTERSECTION DETAILS
77 - 79	UTILITY AND DRAINAGE DETAILS
80	DETENTION POND GRADING PLAN
81 - 82	INTERSECTION DETAILS
83 - 87	PAVEMENT MARKING, LANDSCAPING AND SIGNING PLAN
88 - 90	MEDIAN AND LANDSCAPED MEDIAN DETAILS
91 - 120	TRAFFIC SIGNAL PLANS AND DETAILS
121 - 123	STRUCTURAL SHEETS
124 - 128	ROADWAY CONSTRUCTION WALL DETAILS
129	OUTLET FOR CONCRETE CURB AND GUTTER (BD03)
130	STORM SEWER CONNECTION TO EXISTING SEWER (BD07)
131	BUTT JOINTS AND BITUMINOUS TAPER (BD32)
132	RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT) (TC11)
133	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC13)
134	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING (TC16)
135	TEMPORARY INFORMATION SIGNING (TC22)
136 - 153	LAKE COUNTY STANDARDS
154 - 191	CROSS-SECTIONS - TEMPORARY PAVEMENT AND DRAINAGE
192 - 256	CROSS-SECTIONS



LOCATION OF SECTION INDICATED THUS: -

LIST OF STATE STANDARDS AND LCDOT STANDARDS LOCATED ON SHEET NO. 2

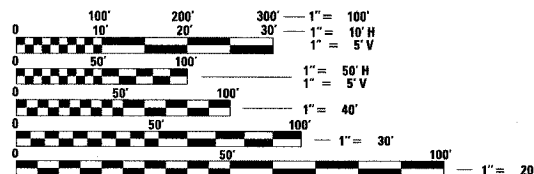
PROJECT LOCATED IN THE VILLAGE OF LIBERTYVILLE

THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AS WELL AS SUPERVISION/DIRECTION AND MEANS/METHODS OF CONSTRUCTION.

CALL JULIE 1-800-892-0123

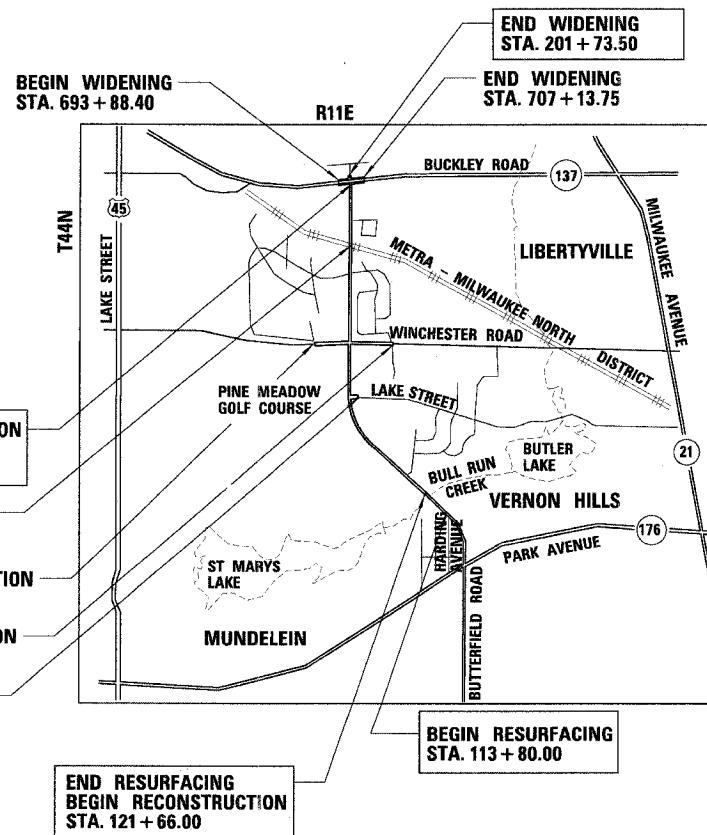
WITH THE FOLLOWING:

COUNTY LAKE
CITY-TOWNSHIP LIBERTYVILLE - LIBERTYVILLE
SEC. & 1/4 SEC. NO. T44N R11E SEC. 17 - 20, 29
48 HOURS BEFORE YOU DIG.
EXCLUDING SAT., SUN., & HOLIDAYS



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. # 83815



LOCATION MAP

GROSS LENGTH OF PROJECT = 1.665 MILES (8793.5 FEET)
NET LENGTH OF PROJECT = 1.663 MILES (8780.5 FEET)

DESIGN DESIGNATION

F.A.U. 2647 (BUTTERFIELD ROAD) =
1149 (25) MINOR ARTERIAL 8.68 (FD-20)

TRAFFIC DATA

F.A.U. 2647 (BUTTERFIELD ROAD) AADT =
19,500 (2005); 27,500 (2025)
F.A.P. 352 (IL ROUTE 137) AADT =
23,200 (2005); 31,000 (2025)

POSTED SPEED LIMIT

F.A.U. 2647 (BUTTERFIELD ROAD) = 40MPH
F.A.P. 352 (IL ROUTE 137) = 45MPH
WINCHESTER ROAD = 45MPH/35MPH

1" = 2,000'

NOVEMBER 30, 2005

John P. Riley

JOHN P. RILEY

ILLINOIS REGISTRATION No. 061-004427
EXPIRATION DATE: 11/30/06
STRUCTURAL SHEETS

Nov. 30, 2005

G. Michael Ziegler

G. MICHAEL ZIEGLER

ILLINOIS REGISTRATION No. 062-054583
EXPIRATION DATE: 11/30/07
TRAFFIC SHEETS

Nov. 30, 2005

Bryan L. Luke

BRYAN L. LUKE

ILLINOIS REGISTRATION No. 062-054957
EXPIRATION DATE: 11/30/07
ROADWAY SHEETS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED November 20 05

Christopher B. Burke
LAKE COUNTY

APPROVED DECEMBER 21 2005

LOCAL ROADS ENGINEER

APPROVED Dec 21 20 05

Debra M. O'Keefe/CJ
DEPUTY DIRECTOR OF HWYS, REGION ENGINEER

CHRISTOPHER B. BURKE
ENGINEERING LTD.
9575 West Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

PROFESSIONAL DESIGN FIRM NO.: 184-001175
EXPIRATION DATE: APRIL 30, 2007

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FEDERAL AID DESIGN ENGINEER: Ms. Abigail Brinks
201 W. CENTER COURT
SCHAMBURG, ILLINOIS 60196-1096
(847) 705-4233