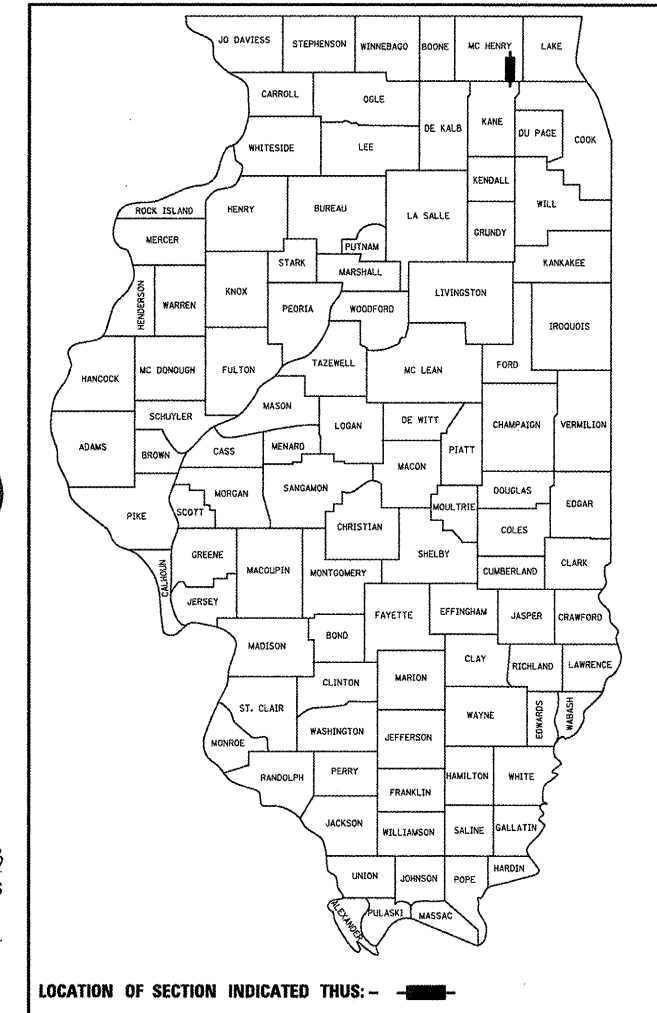


|                       |         |          |                    |           |
|-----------------------|---------|----------|--------------------|-----------|
| O.R. RTE.             | SECTION | COUNTY   | TOTAL SHEETS       | SHEET NO. |
| 0003                  | 18A-2   | MCHENRY  | 825                | 1         |
| FED. ROAD DIST. NO. 1 |         | ILLINOIS | CONTRACT NO. 60F72 |           |

\*825 + 1 = 826

D-91-329-10



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

O.R. ROUTE 0003 (ALGONQUIN BYPASS)  
SECTION 18A-2  
ILLINOIS ROUTE 31 (N. JCT) TO ILLINOIS ROUTE 31 (S. JCT)

**NEW CONSTRUCTION, BRIDGE (NEW), RETAINING WALL  
McHENRY COUNTY**

VOLUME I

FOR INDEX OF SHEETS, SEE SHEET NO. 2

SUBSURFACE UTILITY ENGINEERING (S.U.E.)  
UTILIZED ON THIS PROJECT

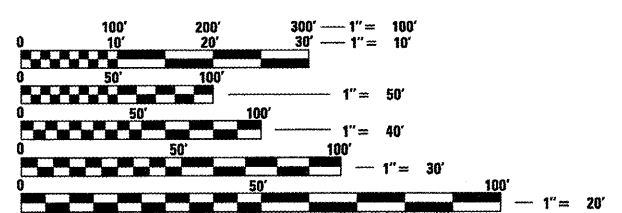
**PROJECT LOCATED IN THE  
VILLAGE OF ALGONQUIN**

**DESIGN DESIGNATION**

34,000(30) OTHER PRINCIPAL ARTERIAL 6.03 (PCC-20)

**TRAFFIC DATA**

|  | ADT (2030) | DESIGN SPEED | POSTED SPEED |
|--|------------|--------------|--------------|
| IL ROUTE 31 (EDGEWOOD DRIVE TO HUNTINGTON DRIVE) | 26,000     | 40 MPH       | 35 MPH       |
| IL ROUTE 31 (HUNTINGTON DRIVE TO IL ROUTE 62)    | 16,000     | 40 MPH       | 40 MPH       |
| IL ROUTE 31 (IL ROUTE 62 TO CARY-ALGONQUIN ROAD) | 34,000     | 50 MPH       | 45 MPH       |
| IL ROUTE 31 (CARY-ALGONQUIN ROAD TO KLASEN ROAD) | 43,000     | 50 MPH       | 45 MPH       |
| EDGEWOOD DRIVE                                   | 9,000      | 35 MPH       | 30 MPH       |
| HUNTINGTON DRIVE                                 | 7,000      | 35 MPH       | 30 MPH       |
| IL ROUTE 62 (EAST OF PROPOSED IL ROUTE 31)       | 48,000     | 35 MPH       | 30 MPH       |
| IL ROUTE 62 (WEST OF PROPOSED IL ROUTE 31)       | 32,000     | 35 MPH       | 30 MPH       |

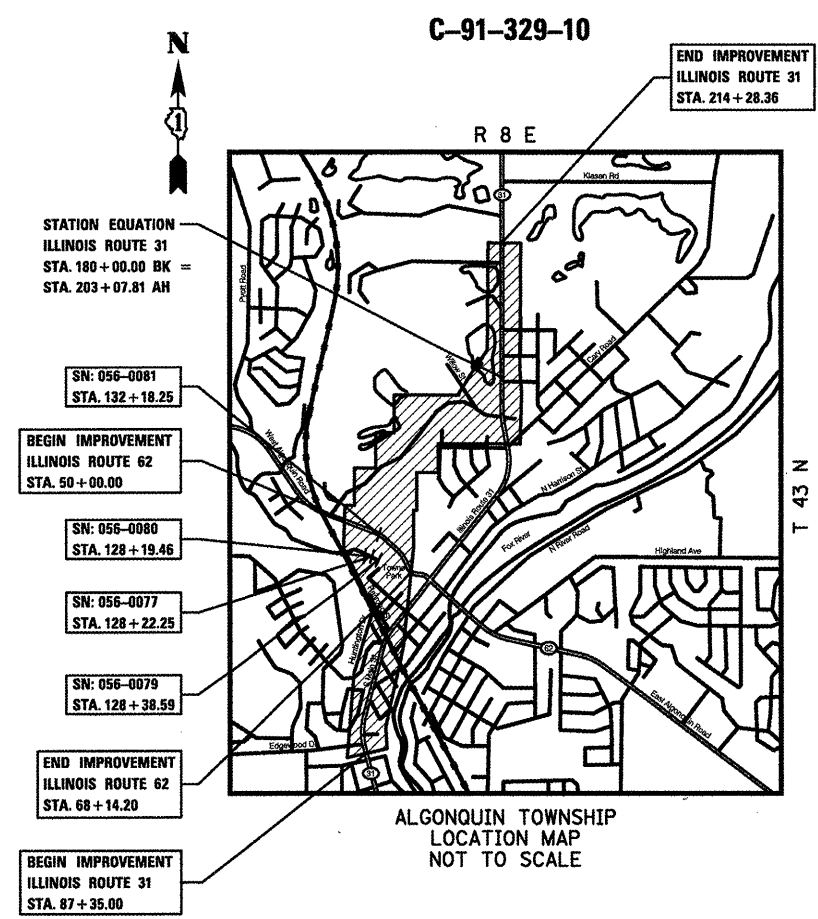


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811

DISTRICT ONE - DESIGN  
PROJECT MANAGER: ISAAC KWARTENG (847) 705-4230  
PROJECT ENGINEER: ALIX BRICE (847) 705-4552

CONTRACT NO. 60F72



GROSS LENGTH = 11,153.55 FT. = 2.112 MILES  
NET LENGTH = 11,153.55 FT. = 2.112 MILES

PLANS PREPARED BY:  
**CIVILTECH**  
450 E. Devon Ave, Suite 300 - Itasca, Illinois 60143  
Tel: 630.773.3900 - Fax: 630.773.3975  
www.civiltechinc.com

*GARY A. BLAZEK* 11/30/2013  
REGISTERED P.E., STATE OF ILLINOIS EXPIRES  
SHEET NOS: 1-212, 229-262, 329-399, 670-825

*JOSEPH J. EMY* 11/30/13  
REGISTERED P.E., STATE OF ILLINOIS EXPIRES  
SHEET NOS: 263-297

*DEREK N. MALL* 11/30/2013  
REGISTERED P.E., STATE OF ILLINOIS EXPIRES  
SHEET NOS: 298-328

*GREGORY J. HARTENSTAD* 11/30/2012  
REGISTERED S.E., STATE OF ILLINOIS EXPIRES  
SHEET NOS: 458-669

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
SUBMITTED MARCH 16, 2018  
*Diana M. O'Keefe*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER  
May 11 2012  
*John D. Baranzolli P.E. I.E.*  
ENGINEER OF DESIGN AND ENVIRONMENT  
May 11 2012  
*William R. Frey I.E.*  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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