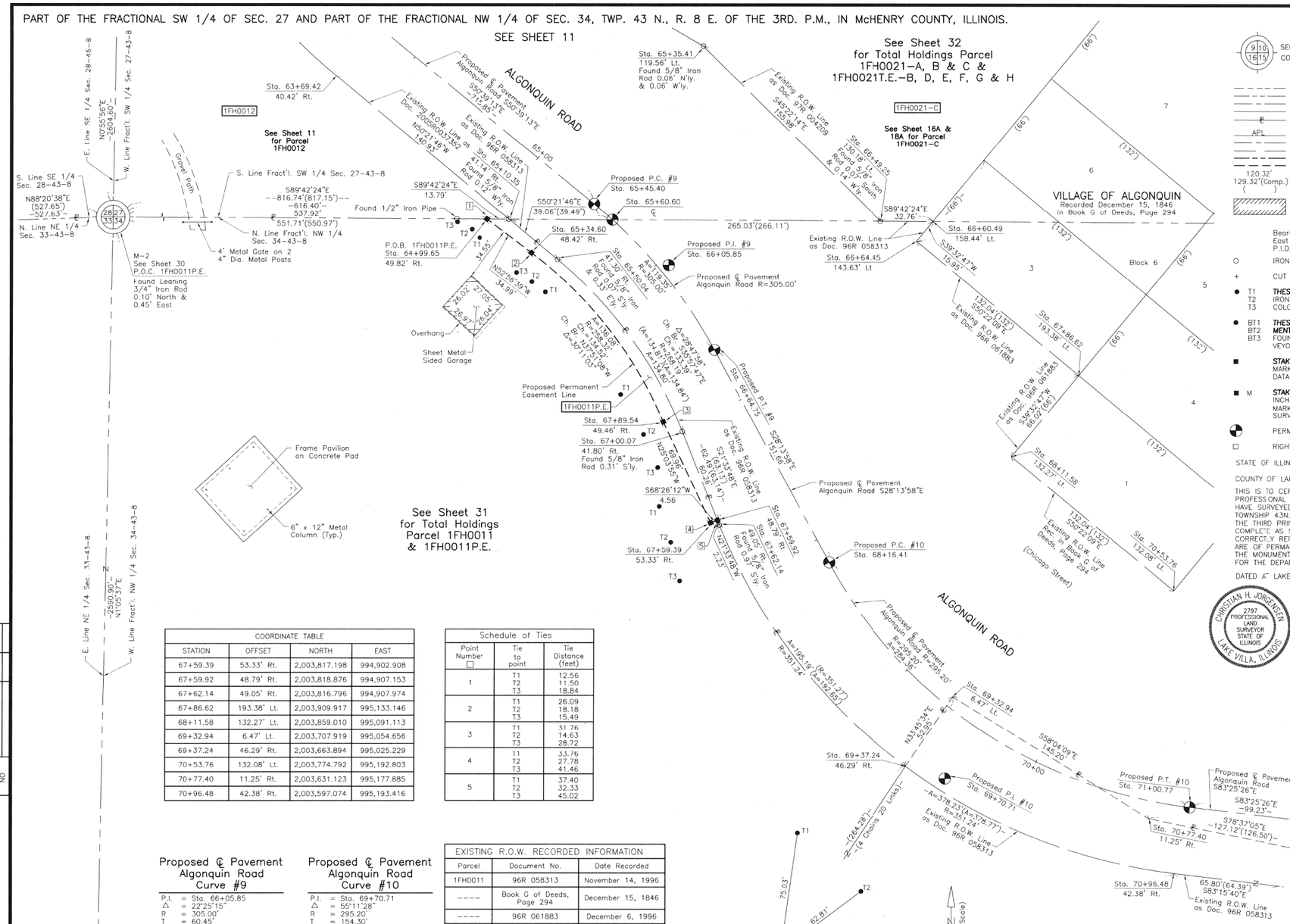
PART OF THE FRACTIONAL SW 1/4 OF SEC. 27 AND PART OF THE FRACTIONAL NW 1/4 OF SEC. 34, TWP. 43 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.




## LEGEND

SECTION CORNER — QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE
APL — APPARENT PROPERTY LINE
CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
120.32' MEASURED DIMENSION
129.32'(Comp.) COMPUTED DIMENSION
( ) RECORD DATA
EXISTING BUILDING

SCALE: 1"=30'

Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "MCH31 1A", P.I.D. AJ2855 and "Algonquin", P.I.D. AJ2945.

○ IRON PIPE OR ROD FOUND — ⊕ "MAG" NAIL SET
+ CUT CROSS FOUND OR SET — ● 5/8" REBAR SET

● T1, T2, T3 — ***THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.*** SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

● BT1, BT2, BT3 — ***THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.*** BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

■ ***STAKING OF PROPOSED RIGHT OF WAY.*** SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

■ M — ***STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.*** BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)

□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS )
)SS
COUNTY OF LAKE )

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184–2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 27, TOWNSHIP 43N., RANGE 8E. AND SECTION 34, TOWNSHIP 43N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS _____ DAY OF _____ 20___ A.D.

CHRISTIAN H. JORGENSEN 2797 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS LAKE VILLA, ILLINOIS

PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35–2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2006
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY
COORDINATES ARE BASED ON THE PUBLISHED METRIC COORDINATE VALUES AT FOUND GEODETIC SURVEY CONTROL MONUMENT "MCH31 1A", P.I.D. AJ2855, OF N.613,205.182–E.303,895.917.
NOTE: SURFACE COORDINATES ARE SHOWN.

| COORDINATE TABLE | | | |
|---|---|---|---|
| STATION | OFFSET | NORTH | EAST |
| 63+69.42 | 40.42' Rt. | 2,004,097.699 | 994,668.063 |
| 64+99.65 | 49.82' Rt. | 2,004,007.866 | 994,762.807 |
| 65+10.35 | 41.14' Rt. | 2,004,007.795 | 994,776.595 |
| 65+34.60 | 48.42' Rt. | 2,003,986.783 | 994,790.728 |
| 65+35.41 | 119.56' Lt. | 2,004,116.184 | 994,897.852 |
| 65+50.04 | 41.30' Rt. | 2,003,982.880 | 994,806.672 |
| 65+60.60 | ℄ | 2,004,007.464 | 994,841.284 |
| 66+49.25 | 130.18' Lt. | 2,004,006.606 | 995,008.858 |
| 66+60.49 | 158.44' Lt. | 2,004,006.438 | 995,041.614 |
| 66+64.45 | 143.63' Lt. | 2,003,994.135 | 995,031.456 |
| 66+89.54 | 49.46' Rt. | 2,003,880.569 | 994,873.270 |
| 67+00.07 | 41.80' Rt. | 2,003,874.915 | 994,885.007 |


*JORGENSEN & ASSOCIATES, INC.*
*120 PARK AVENUE*
*LAKE VILLA, ILLINOIS 60046*
*(847) 356–3371*


*SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.*

| COORDINATE TABLE | | | |
|---|---|---|---|
| STATION | OFFSET | NORTH | EAST |
| 67+59.39 | 53.33' Rt. | 2,003,817.198 | 994,902.908 |
| 67+59.92 | 48.79' Rt. | 2,003,818.876 | 994,907.153 |
| 67+62.14 | 49.05' Rt. | 2,003,816.796 | 994,907.974 |
| 67+86.62 | 193.38' Lt. | 2,003,909.917 | 995,133.146 |
| 68+11.58 | 132.27' Lt. | 2,003,859.010 | 995,091.113 |
| 69+32.94 | 6.47' Lt. | 2,003,707.919 | 995,054.656 |
| 69+37.24 | 46.29' Rt. | 2,003,663.894 | 995,025.229 |
| 70+53.76 | 132.08' Lt. | 2,003,774.792 | 995,192.803 |
| 70+77.40 | 11.25' Rt. | 2,003,631.123 | 995,177.885 |
| 70+96.48 | 42.38' Rt. | 2,003,597.074 | 995,193.416 |

| Schedule of Ties | | |
|---|---|---|
| Point Number □ | Tie to point | Tie Distance (feet) |
| 1 | T1 | 12.56 |
| | T2 | 11.50 |
| | T3 | 18.84 |
| 2 | T1 | 26.09 |
| | T2 | 18.18 |
| | T3 | 15.49 |
| 3 | T1 | 31.76 |
| | T2 | 14.63 |
| | T3 | 28.72 |
| 4 | T1 | 33.76 |
| | T2 | 27.78 |
| | T3 | 41.46 |
| 5 | T1 | 37.40 |
| | T2 | 32.33 |
| | T3 | 45.02 |

### Proposed ℄ Pavement Algonquin Road Curve #9

P.I. = Sta. 66+05.85
Δ = 22°25'15"
R = 305.00'
T = 60.45'
L = 119.35'
E = 5.93'
P.C. = Sta. 65+45.40
P.T. = Sta. 66+64.75

### Proposed ℄ Pavement Algonquin Road Curve #10

P.I. = Sta. 69+70.71
Δ = 55°11'28"
R = 295.20'
T = 154.30'
L = 284.36'
E = 37.89'
P.C. = Sta. 68+16.41
P.T. = Sta. 71+00.77

| EXISTING R.O.W. RECORDED INFORMATION | | |
|---|---|---|
| Parcel | Document No. | Date Recorded |
| 1FH0011 | 96R 058313 | November 14, 1996 |
| ---- | Book G of Deeds, Page 294 | December 15, 1846 |
| ---- | 96R 061883 | December 6, 1996 |
| ---- | 97R 004209 | January 27, 1997 |
| ---- | 2005R0037352 | May 16, 2005 |

| PARCEL NUMBER | OWNER | TOTAL HOLDINGS ACRES | PART TAKEN ACRES | AREA IN EXISTING R.O.W. ACRES | REMAINDER AREA ACRES | EASEMENT AREA ACRES | EASEMENT PURPOSE | PERMANENT INDEX NUMBER | PROPERTY ACQUIRED BY |
|---|---|---|---|---|---|---|---|---|---|
| 1FH0011 1FH0011P.E. | Village of Algonquin, an Illinois Municipal Corporation | 11.870 | 1.412 | N/A | 10.458 | P.E.=0.040 | Highway Purposes | 19–33–228–001 19–34–103–001 | |

RECEIVED FEB 22 2012 PLATS & LEGALS

# PLAT OF HIGHWAYS
## STATE OF ILLINOIS
## DEPARTMENT OF TRANSPORTATION

*F.A.P. 336 (ILLINOIS ROUTE 31 BYPASS)*

SECTION 96–00209–00–PV McHENRY COUNTY
PROJECT JOB NO. R–91–022–03
STATION 64+00 TO STATION 72+00
SCALE: 1"=30' SHEET 17 OF 37

*BUREAU OF LAND ACQUISITION*
*201 WEST CENTER COURT*
*SCHAUMBURG, ILLINOIS 60196*

| REVISION DATE | REVISION | MADE BY |
|---|---|---|
| June 11, 2011 | Configuration Parcel 1FH0011P.E. Total Holdings Parcel 1FH0011 | |
| October 23, 2010 | Configuration Parcel 1FH0011P.E., Eliminated Parcels 1FH0011T.E.–A & B | |
| May 12, 2010 | | |

ROUTE F.A.P. 336 (ILLINOIS ROUTE 31 BYPASS) SECTION 96–00–209–00–PV COUNTY McHENRY JOB NO. R–91–022–03 RECORDING: RECORDED ON AS DOCUMENT NO.

| | | | |
|---|---|---|---|
| FILE NAME = ...\D160F72-sht-PH-21.dgn | USER NAME = dkw | DESIGNED - | REVISED - |
| | | DRAWN - JORGENSEN & ASSOC. | REVISED - |
| | PLOT SCALE = 70.0000 ' / in. | CHECKED - CJ | REVISED - |
| | PLOT DATE = 5/2/2012 | DATE - | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**PLAT OF HIGHWAYS**

SCALE: GRAPHIC | SHEET NO. 21 OF 49 SHEETS | STA. | TO STA.

| O.R. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 0003 | 18A-2 | MCHENRY | 825 | 430 |
| | | CONTRACT NO. 60F72 | | |

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT