

PART OF THE NE 1/4 OF SEC. 33 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.

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
1FH0010	Northwestern Lands, Inc.	6.057	6.057	N/A	0.000	N/A	N/A	19-33-228-002	
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	

Sta. 126+12.97  
420.82' Lt.  
Found 1" Iron Pipe 0.45' South & 0.27' E'y.  
Found Leaning 5/8" Iron Rod 0.52' South & 0.24' E'y.

Parcel	Document No.	Date Recorded
1FH0010	Book 28 of Deeds, Page 400	March 24, 1860
1FH0010	Book 45 of Deeds, Page 212	June 6, 1870
1FH0011	Book 45 of Deeds, Page 212	June 6, 1870

**Proposed Ramp "B" Curve #1**  
 P.I. = Sta. 6+71.80  
 Δ = 47°17'41"  
 R = 552.00'  
 T = 241.71'  
 L = 455.85'  
 E = 50.60'  
 P.C. = Sta. 4+30.09  
 P.T. = Sta. 8+85.74

**Proposed Ramp "C" Curve #1**  
 P.I. = Sta. 9+59.17  
 Δ = 17°00'50"  
 R = 1129.00'  
 T = 168.87'  
 L = 335.25'  
 E = 12.56'  
 P.C. = Sta. 7+90.30  
 P.C.C. = Sta. 11+25.55

**Proposed Pavement Illinois Route 31 Bypass Curve #2**  
 P.I. = Sta. 122+51.26  
 Δ = 45°06'40"  
 R = 705.04'  
 T = 292.84'  
 L = 555.10'  
 E = 58.40'  
 P.C. = Sta. 119+58.42  
 P.T. = Sta. 125+13.52

Point Number	Tie to point	Tie Distance (feet)
1	T1	107.69
	T2	97.66
	T3	91.05
2	T1	97.63
	T2	97.72
	T3	102.71
3	T1	53.66
	T2	43.91
	T3	33.00

All Ties to Point Nos. 1 & 2 are a "MAG" Nail (Set) in Bituminous Parking Lot.

STATION	OFFSET	NORTH	EAST
125+90.31	123.08' Lt.	2,003,881.615	993,973.559
125+91.31	105.90' Rt.	2,003,811.651	994,191.591
126+12.97	420.82' Lt.	2,003,995.370	993,697.479
126+33.15	109.78' Rt.	2,003,850.227	994,208.241
127+12.58	142.58' Lt.	2,004,003.912	993,992.891
127+63.62	€	2,004,008.289	994,144.267
127+90.81	75.94' Rt.	2,004,010.620	994,224.888
128+08.47	131.13' Rt.	2,004,010.323	994,282.836

ROW PLAT	DATE	BY	MADE	CHECKED	INKED	NOTED

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

SECTION 96-00209-00-PV

COUNTY McHENRY

JOB NO. R-91-022-03

RECORDING: RECORDED ON

AS DOCUMENT NO.

**LEGEND**

SECTION CORNER  
 QUARTER SECTION CORNER

SECTION LINE  
 QUARTER SECTION LINE  
 QUARTER SECTION LINE  
 PLATTED LOT LINE  
 PROPERTY (DEED) LINE

APL  
 APPARENT PROPERTY LINE  
 CENTER LINE  
 EXISTING RIGHT OF WAY LINE  
 PROPOSED EASEMENT  
 PROPOSED RIGHT OF WAY LINE  
 MEASURED DIMENSION  
 COMPUTED DIMENSION  
 RECORD DATA

EXISTING BUILDING

IRON PIPE OR ROD FOUND  
 CUT CROSS FOUND OR SET

T1 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.  
 T2  
 T3

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

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.

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 }  
 COUNTY OF LAKE }SS

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 33, RANGE 8E, AND SECTION 34, RANGE 8E, OF 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 8th DAY OF March 2005 A.D.

*Christian H. Jorgensen* - PRESIDENT  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797  
 LICENSE EXPIRATION DATE: DECEMBER 30, 2008  
 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
121+67.43	272.09' Rt.	2,003,476.321	994,310.921
122+04.93	50.57' Lt.	2,003,459.560	993,987.264
122+53.93	76.18' Lt.	2,003,510.505	993,957.077
122+55.62	72.28' Lt.	2,003,512.574	993,960.869
124+47.19	389.41' Rt.	2,003,621.257	994,429.215
125+00.41	77.34' Rt.	2,003,735.402	994,136.833
125+01.33	95.53' Rt.	2,003,730.850	994,154.464
125+08.71	60.30' Lt.	2,003,784.189	994,007.878
125+11.77	102.64' Rt.	2,003,737.272	994,163.942
125+11.88	80.16' Lt.	2,003,793.572	993,990.022
125+29.01	131.61' Lt.	2,003,825.968	993,946.470
125+87.00	160.88' Rt.	2,003,790.523	994,242.531

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

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

**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 122+00 TO STATION 128+00  
 SCALE: 1"=30'  
 SHEET 10 OF 37

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

FILE NAME = ...\\D160F72-sht-PH-12.dgn

USER NAME	DESIGNED	REVISION
akw	-	-
	DRAWN - JORGENSEN & ASSOC.	REVISION -
	CHECKED - CJ	REVISION -
	DATE -	REVISION -

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

**PLAT OF HIGHWAYS**  
 SCALE: GRAPHIC  
 SHEET NO. 12 OF 49 SHEETS  
 STA. TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	McHENRY	825	421
CONTRACT NO. 60F72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				