

PART OF THE SOUTH 1/2 OF SEC. 31, TWP. 44 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
1CV0209	RDK Ventures LLC, a Delaware Limited Liability Company	0.986	0.065	N/A	0.921	A=0.030 B=0.014 C=0.046	Driveway Construction Driveway Construction Driveway Construction	14-31-401-020	

### LEGEND

SECTION CORNER: 910, 1615  
QUARTER SECTION CORNER: 16, 15

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

APL APPARENT PROPERTY LINE  
CL CENTER LINE  
EL EXISTING RIGHT OF WAY LINE  
PL PROPOSED RIGHT OF WAY LINE  
PE PROPOSED EASEMENT  
MD MEASURED DIMENSION  
CD COMPUTED DIMENSION  
RD RECORD DATA

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System, East Zone, NAD83(1986), at the Found National Geodetic Survey Monuments, Lakeport, P.I.D. NH1653 and Shaw, P.I.D. NH1129.

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

● T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE 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 THE FOUND IRON STAKE. 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.

■ 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 }  
COUNTY OF LAKE } SS

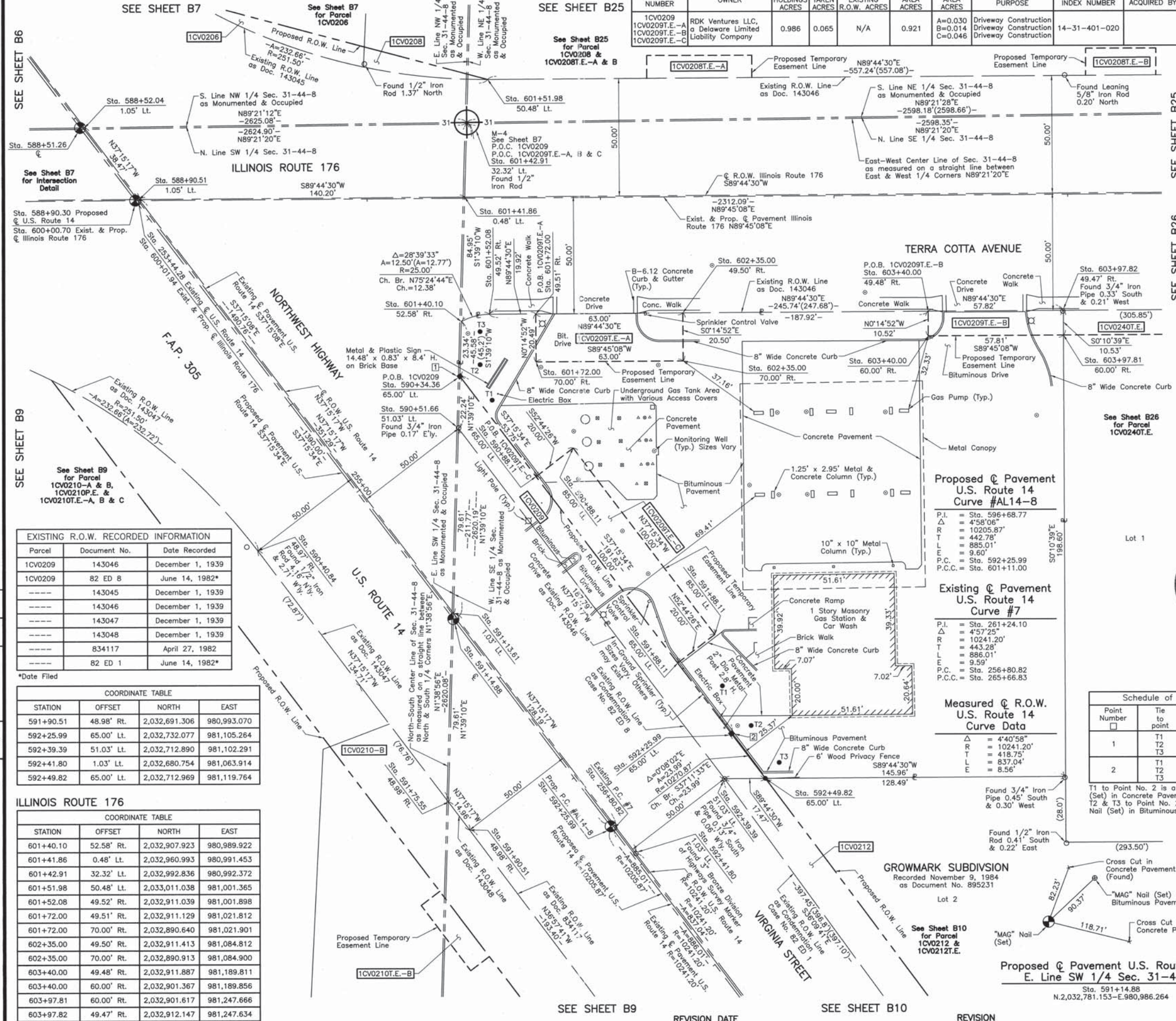
THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 31, TOWNSHIP 44N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE 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 28th DAY OF March 2011 A.D.

*Christina H. Jorgensen* PRESIDENT  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797  
LICENSE EXPIRATION DATE: NOVEMBER 30, 2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

Note: Surface Coordinates are shown. Project Average Combined Scale Factor, 0.9999355.



#### EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1CV0209	143046	December 1, 1939
1CV0209	82 ED 8	June 14, 1982*
-----	143045	December 1, 1939
-----	143046	December 1, 1939
-----	143047	December 1, 1939
-----	143048	December 1, 1939
-----	834117	April 27, 1982
-----	82 ED 1	June 14, 1982*

\*Date Filed

#### COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
591+90.51	48.98' Rt.	2,032,691.306	980,993.070
592+25.99	65.00' Lt.	2,032,732.077	981,105.264
592+39.39	51.03' Lt.	2,032,712.890	981,102.291
592+41.80	1.03' Lt.	2,032,680.754	981,063.914
592+49.82	65.00' Lt.	2,032,712.969	981,119.764

#### ILLINOIS ROUTE 176

##### COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
601+40.10	52.58' Rt.	2,032,907.923	980,989.922
601+41.86	0.48' Lt.	2,032,960.993	980,991.453
601+42.91	32.32' Lt.	2,032,992.836	980,992.372
601+51.98	50.48' Lt.	2,033,011.038	981,001.365
601+52.08	49.52' Rt.	2,032,911.039	981,001.898
601+72.00	49.51' Rt.	2,032,911.129	981,021.812
601+72.00	70.00' Rt.	2,032,890.640	981,021.901
602+35.00	49.50' Rt.	2,032,911.413	981,084.812
602+35.00	70.00' Rt.	2,032,890.913	981,084.900
603+40.00	49.48' Rt.	2,032,911.887	981,189.811
603+40.00	60.00' Rt.	2,032,901.367	981,189.856
603+97.81	60.00' Rt.	2,032,901.617	981,247.666
603+97.82	49.47' Rt.	2,032,912.147	981,247.634

**Proposed Pavement U.S. Route 14 Curve #AL14-8**

P.I. = Sta. 596+68.77  
 Δ = 4°58'06"  
 R = 10205.87'  
 T = 442.78'  
 L = 885.01'  
 E = 9.60'  
 P.C. = Sta. 592+25.99  
 P.C.C. = Sta. 601+11.00

**Existing Pavement U.S. Route 14 Curve #7**

P.I. = Sta. 261+24.10  
 Δ = 4°57'25"  
 R = 10241.20'  
 T = 443.28'  
 L = 886.01'  
 E = 9.59'  
 P.C. = Sta. 256+80.82  
 P.C.C. = Sta. 265+66.83

**Measured Pavement U.S. Route 14 Curve Data**

Δ = 4°40'58"  
 R = 10241.20'  
 T = 418.75'  
 L = 837.04'  
 E = 8.56'

#### Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	17.12
	T2	10.00
	T3	20.94
2	T1	20.72
	T2	9.12
	T3	23.87

T1 to Point No. 2 is a Cross Cut (Set) in Concrete Pavement.  
 T2 & T3 to Point No. 2 are a "MAG" Nail (Set) in Bituminous Pavement.



RECEIVED  
MAR 31 2011  
PLATS & LEGALS

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

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.P. 305 (U.S. ROUTE 14)

SECTION 27RS-6 McHENRY COUNTY  
PROJECT JOB NO. R-91-015-98  
STATION 588+00 TO STATION 593+00 (U.S. ROUTE 14)  
STATION 600+00 TO STATION 604+00 (ILL. ROUTE 176)  
SCALE: 1"=20' SHEET 88 OF 833

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

DATE	BY	MADE	CHECKED	INKED	NOTEBOOK NO.