PART OF THE NW 1/4 OF SEC. 17 AND PART OF THE NE 1/4 OF SEC. 18, 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
1H40011 1H40011P.E. 1H40011T.E.	NorStates Bank, as Trustee under Trust Agreement dated June 12, 1991 known as Trust No. 3686	2.877	0.162	N/A	2.715	P.E.=0.061 T.E.=0.049	Traffic Signals Construction Purposes	19-17-101-002	
1H40012P.E.	City of Crystal Lake, an Illinois municipal corporation	36.039	N/A	N/A	36.039	P.E.=0.422	Highway Purposes	19-17-100-011	

SEE SHEET 10

SEE SHEET 11

Schedule of Ties

Point Number ☐	Tie to point	Tie Distance (feet)
1	T1 T2 T3	13.15 9.47 12.45
2	T1 T2 T3	10.87 15.02 23.69
3	T1 T2 T3	23.43 16.98 11.80
4	T1 T2 T3	40.05 36.47 39.92
5	T1 T2 T3	26.80 21.01 26.55
6	T1 T2 T3	26.72 35.38 46.41
7	T1 T2 T3	12.63 21.37 31.07
8	T1 T2 T3	34.98 25.52 18.03

T1, T2 & T3 to Point No. 1 are "MAG" Nails (Set) in Bituminous Parking Lot. T1, T2 & T3 to Point Nos. 4 & 5 are a Cross Cut (Set) in Concrete Curb.

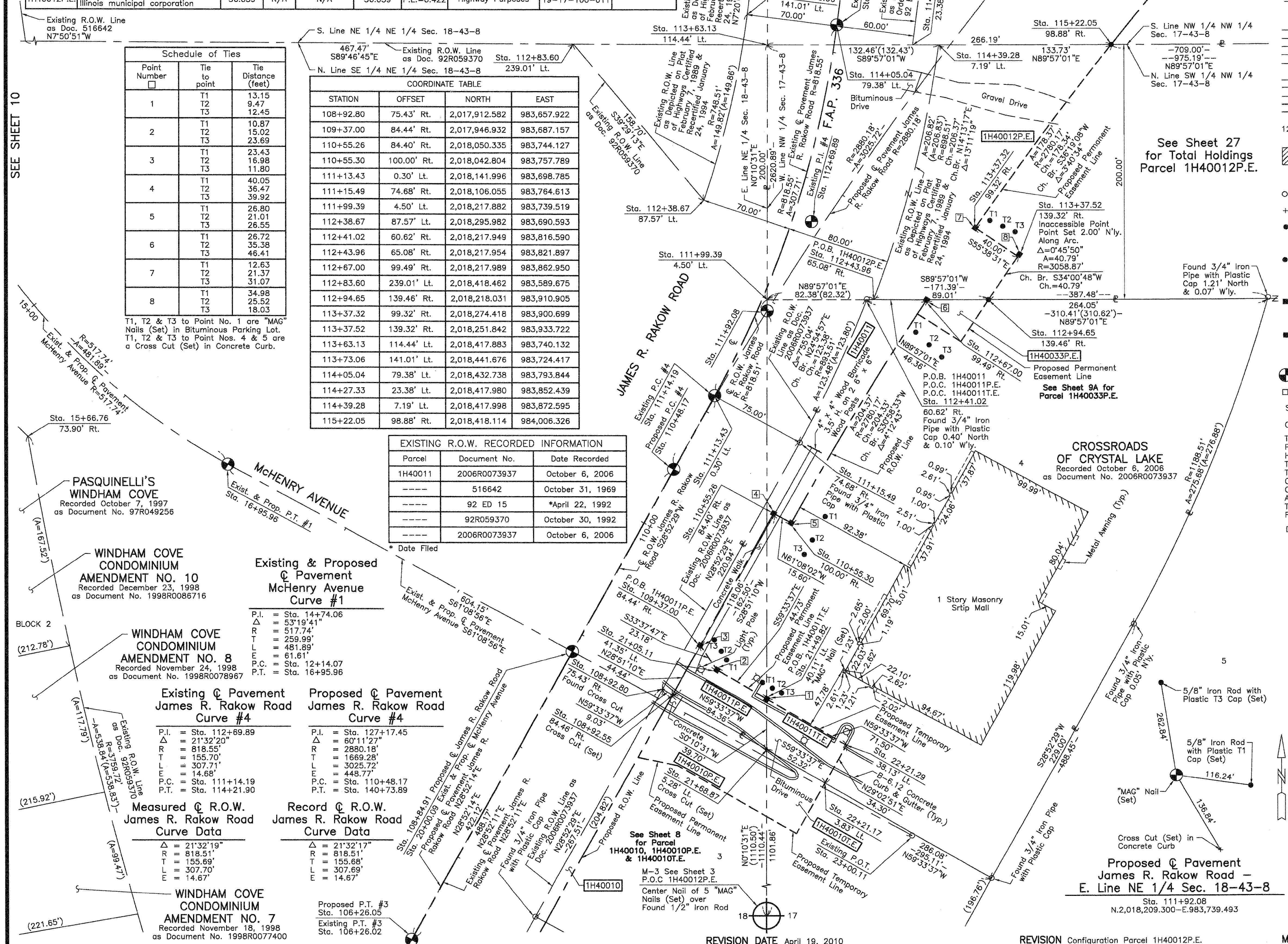
COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
108+92.80	75.43' Rt.	2,017,912.582	983,657.922
109+37.00	84.44' Rt.	2,017,946.932	983,687.157
110+55.26	84.40' Rt.	2,018,050.335	983,744.127
110+55.30	100.00' Rt.	2,018,042.804	983,757.789
111+13.43	0.30' Lt.	2,018,141.996	983,698.785
111+15.49	74.68' Rt.	2,018,106.055	983,764.613
111+99.39	4.50' Lt.	2,018,217.882	983,739.519
112+38.67	87.57' Lt.	2,018,295.982	983,690.593
112+41.02	60.62' Rt.	2,018,217.949	983,816.590
112+43.96	65.08' Rt.	2,018,217.954	983,821.897
112+67.00	99.49' Rt.	2,018,217.989	983,862.950
112+83.60	239.01' Lt.	2,018,418.462	983,589.675
112+94.65	139.46' Rt.	2,018,218.031	983,910.905
113+37.32	99.32' Rt.	2,018,274.418	983,900.699
113+37.52	139.32' Rt.	2,018,251.842	983,933.722
113+63.13	114.44' Lt.	2,018,417.883	983,740.132
113+73.06	141.01' Lt.	2,018,441.676	983,724.417
114+05.04	79.38' Lt.	2,018,432.738	983,793.844
114+27.33	23.38' Lt.	2,018,417.980	983,852.439
114+39.28	7.19' Lt.	2,018,417.998	983,872.595
115+22.05	98.88' Rt.	2,018,418.114	984,006.326

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1H40011	2006R0073937	October 6, 2006
----	516642	October 31, 1969
----	92 ED 15	*April 22, 1992
----	92R059370	October 30, 1992
----	2006R0073937	October 6, 2006

* Date Filed



Existing & Proposed ℄ Pavement McHenry Avenue Curve #1

P.I. = Sta. 14+74.06
Δ = 53°19'41"
R = 517.74'
T = 259.99'
L = 481.89'
E = 61.61'
P.C. = Sta. 12+14.07
P.T. = Sta. 16+95.96

Existing ℄ Pavement James R. Rakow Road Curve #4

P.I. = Sta. 112+69.89
Δ = 21°32'20"
R = 818.55'
T = 155.70'
L = 307.71'
E = 14.68'
P.C. = Sta. 111+14.19
P.T. = Sta. 114+21.90

Proposed ℄ Pavement James R. Rakow Road Curve #4

P.I. = Sta. 127+17.45
Δ = 60°11'27"
R = 2880.18'
T = 1669.28'
L = 3025.72'
E = 448.77'
P.C. = Sta. 110+48.17
P.T. = Sta. 140+73.89

Measured ℄ R.O.W. James R. Rakow Road Curve Data

Δ = 21°32'19"
R = 818.51'
T = 155.69'
L = 307.70'
E = 14.67'

Record ℄ R.O.W. James R. Rakow Road Curve Data

Δ = 21°32'17"
R = 818.51'
T = 155.68'
L = 307.69'
E = 14.67'

Proposed P.T. #3 Sta. 106+26.05
Existing P.T. #3 Sta. 106+26.02

LEGEND

SECTION CORNER — QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE
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"=40'

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2007) East Zone.

○ 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 17, TOWNSHIP 43N., RANGE 8E. AND SECTION 18, 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.

PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2010
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
Note: Surface Coordinates are Shown.

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
15+66.76	73.90' Rt.	2,018,110.667	983,166.890
21+05.11	41.35' Lt.	2,017,927.630	983,699.996
21+49.82	40.11' Lt.	2,017,904.968	983,738.562
21+68.87	5.28' Lt.	2,017,865.268	983,738.440
22+21.17	3.83' Lt.	2,017,838.761	983,783.548
22+21.29	38.13' Lt.	2,017,868.746	983,800.202
108+92.55	84.46' Rt.	2,017,908.006	983,665.710

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

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

REVISION DATE April 19, 2010

REVISION Configuration Parcel 1H40012P.E.

MADE BY

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. 336 (JAMES R. RAKOW ROAD)
SECTION 05-00308-00-WR — *McHENRY COUNTY*
PROJECT — *JOB NO. R-91-007-06*
STATION 15+00 TO STATION 23+00.11 (McHENRY AVE.)
STATION 106+25.05 TO STATION 115+00 (JAMES R. RAKOW RD.)
SCALE: 1"=40' — *SHEET 9 OF 36*

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