

PART OF THE FRACTIONAL SW 1/4 OF SEC. 27 AND PART OF THE SE 1/4 OF SEC. 28, 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
1FH0021P.E.-A	Chicago Title Land Trust Company, as successor trustee to Chicago Title and Trust Company under trust agreement dated the 17th day of July, 1968 and known as Trust Number 53278	213.598	N/A	N/A	213.598	P.E.-A=0.531	Highway Purposes	19-27-126-004 19-27-351-014 19-27-351-014 19-28-200-025 19-28-426-011	
1FH0021P.E.-B						P.E.-B=32.099	Highway Purposes		
1FH0021P.E.-C						P.E.-C=33.894	Highway Purposes		
1FH0021P.E.-D						T.E.-D=1.414	Construction Purposes		
1FH0021P.E.-E						T.E.-E=2.981	Construction Purposes		
1FH0021P.E.-F						T.E.-F=0.129	Grading		
1FH0021P.E.-G						T.E.-G=0.743	Grading		
1FH0021P.E.-H						T.E.-H=0.470	Grading		

LEGEND

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
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORD DATA

EXISTING BUILDING

BEARINGS ARE REFERENCED TO THE ILLINOIS COORDINATE SYSTEM; NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "MCH31 1A".
 P.I.D. A22855 and "Algonquin", P.I.D. A22945.

○ 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 TO BE FOUND 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 BETWEEN SECTION 27, TOWNSHIP 43N., RANGE 8E. AND SECTION 28, 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
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2006
 LAKE VILLA, ILLINOIS

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. A22855, OF N.613,205.182° E. 303,895.917.
 NOTE: SURFACE COORDINATES ARE SHOWN.

Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	75.26
	T2	120.74
	T3	129.45
2	T1	54.82
	T2	64.78
	T3	74.38
3	T1	88.00
	T2	67.38
	T3	70.51
4	T1	74.66
	T2	72.45
	T3	80.64
5	T1	38.93
	T2	31.42
	T3	29.80
6	T1	23.82
	T2	15.76
	T3	16.98

Proposed B Ramp Curve #1

P.I. = Sta. 8+41.44
 Δ = 115°45'37"
 R = 1726.00'
 T = 180.13'
 L = 358.96'
 E = 9.37'
 P.C. = Sta. 6+61.31
 P.T. = Sta. 10+20.27

See Sheet 32 for Total Holdings Parcel 1FH0021P.E.-A, B & C & 1FH0021T.E.-B, D, E, F, G & H

PLAT OF SECTIONS NOS. 22, 23, 26, 27, 28, 33, 34, & 35, T. 43 N., R. 8 E. OF THE 3RD P.M.
 Recorded December 8, 1959 in Book 22 of Deeds, Page 520
 Lot 5

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
143+50.00	404.01' Lt.	2,005,641.790	994,251.433
144+31.65	429.14' Lt.	2,005,727.212	994,252.824
144+80.92	444.31' Lt.	2,005,778.752	994,253.662
146+00.39	272.78' Lt.	2,005,839.228	994,453.756
146+00.39	315.18' Lt.	2,005,852.359	994,413.441
146+32.95	339.85' Lt.	2,005,890.957	994,400.066
146+53.44	355.38' Lt.	2,005,915.251	994,391.647
147+06.58	395.65' Lt.	2,005,978.251	994,369.816
149+00.09	382.07' Lt.	2,006,158.045	994,442.656
149+29.74	85.50' Rt.	2,006,041.427	994,896.422
149+92.83	270.24' Lt.	2,006,211.585	994,577.711
150+67.63	240.00' Lt.	2,006,273.345	994,629.631
150+67.63	270.00' Lt.	2,006,282.636	994,601.106
150+70.41	39.50' Lt.	2,006,214.001	994,821.169
150+98.93	81.32' Rt.	2,006,200.808	994,944.446

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
138+76.66	229.80' Lt.	2,005,137.772	994,270.478
138+77.03	228.70' Lt.	2,005,137.780	994,271.636
140+57.51	313.77' Rt.	2,005,141.380	994,843.335
140+97.92	476.53' Rt.	2,005,129.392	995,010.606
141+40.02	85.50' Rt.	2,005,290.528	994,651.839
141+44.37	320.25' Rt.	2,005,221.965	994,876.401
141+56.36	344.40' Lt.	2,005,439.209	994,248.137
141+71.45	298.44' Lt.	2,005,439.322	994,296.506
142+26.46	311.26' Lt.	2,005,495.598	994,301.363
142+50.54	298.73' Lt.	2,005,495.598	994,314.540
143+27.83	91.44' Lt.	2,005,525.901	994,541.770
143+50.00	290.35' Lt.	2,005,606.588	994,359.506

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

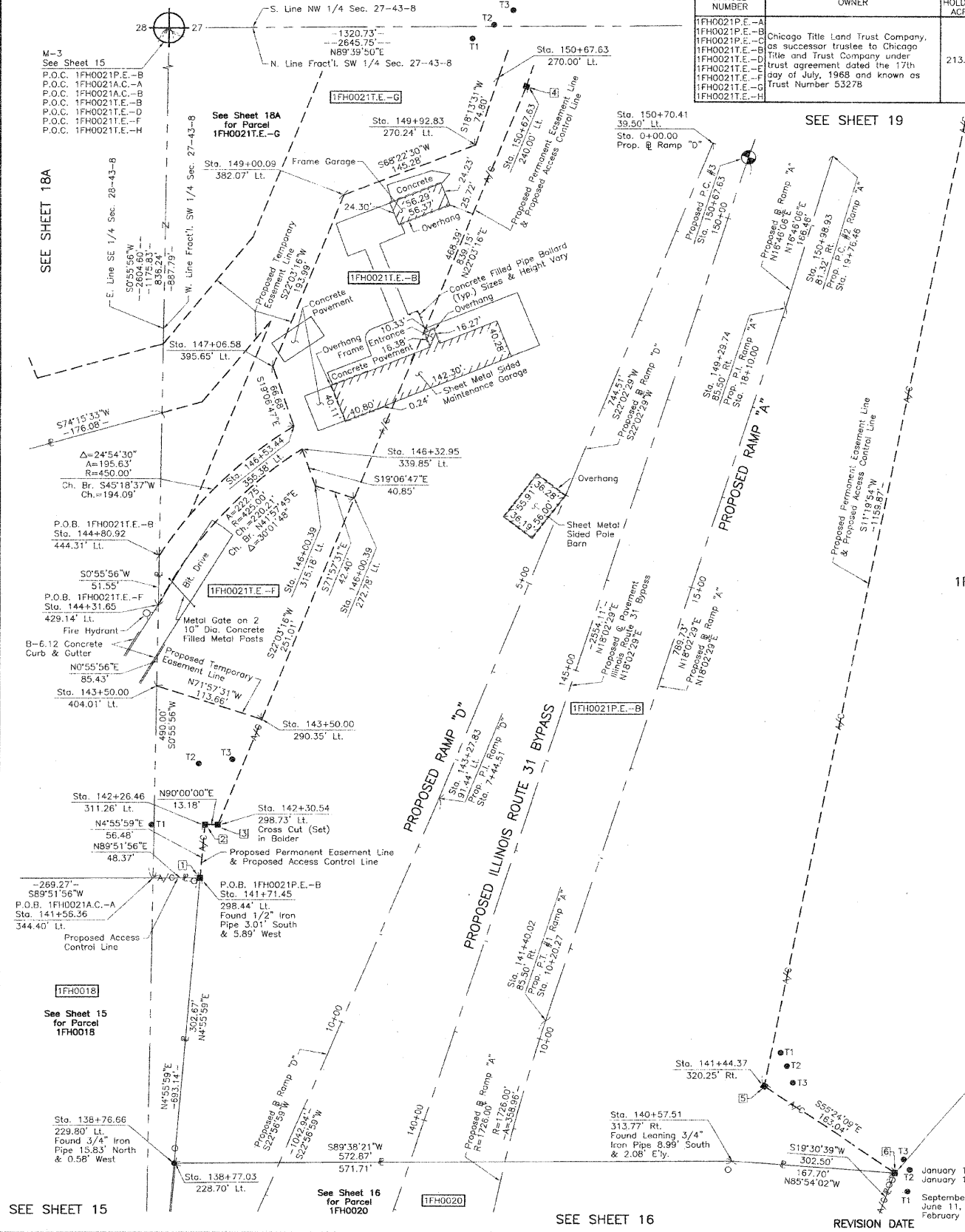
SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

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 139+00 TO STATION 150+67.63
 SCALE: 1"=60'
 SHEET 18 OF 37

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

RECEIVED
 JAN 25 2012
 PLATS & LEGALS

SEE SHEET 16A Added Parcel 1FH0021T.E.-H. Changed Parcel 1FH0021 to 1FH0021P.E.-C. Added Parcels 1FH0021, 1FH0021T.E.-F & G. Changed Parcels 1FH0021A-C & B to 1FH0021P.E.-A & B. Eliminated Parcels 1FH0021T.E.-A & C Ownership & P.I.N. Parcel 1FH0021
 Total Holdings Parcel 1FH0021 Configuration Parcel 1FH0021, Added Access Control Lines & Revised Ramp "A" & "D" Alignments



ROW	DATE	BY	MADE	CHECKED	NOTED

FILE NAME = ...N:\D:\F78-shr-PH-05.dgn	USER NAME = ctb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAT OF HIGHWAYS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JORGENSEN & ASSOC.	REVISED -			18A-1	McHENRY	115	54	
		CHECKED - CJ	REVISED -			CONTRACT NO. 60F78				
		DATE - 1/20/2012	REVISED -			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			