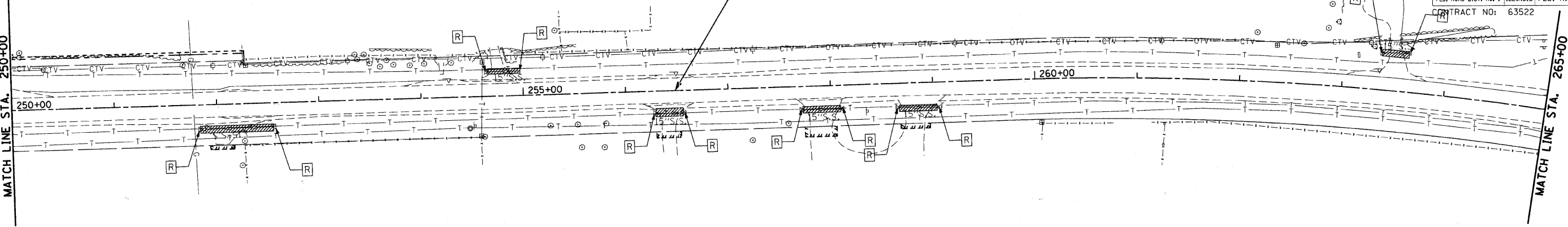
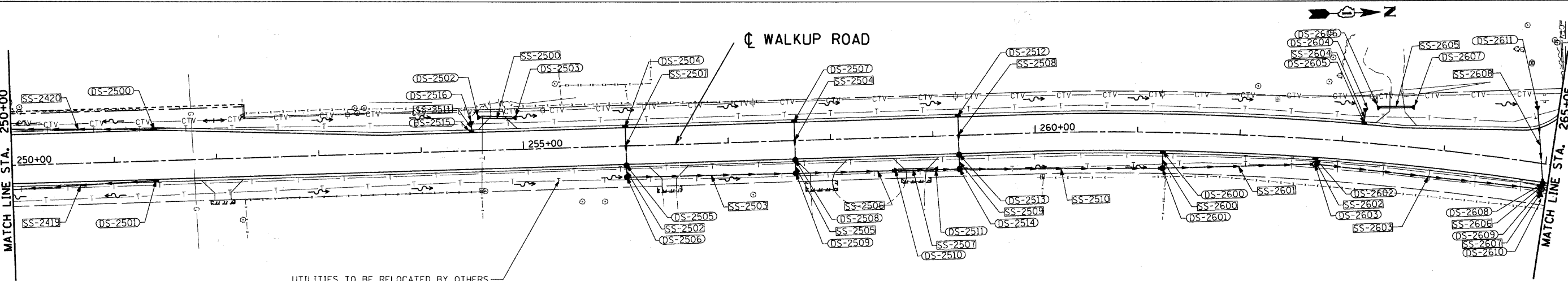


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0085	00-00246-02-FP	MCHENRY	292	101
STA.	TO STA.			
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
CONTRACT NO: 63522				

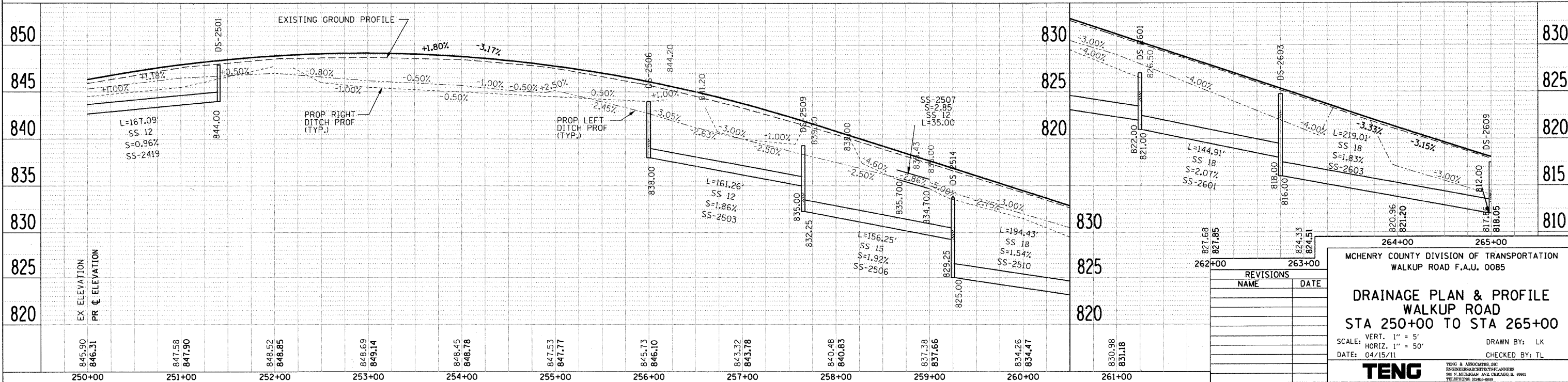
EXISTING PLAN



PROPOSED PLAN



UTILITIES TO BE RELOCATED BY OTHERS



REVISIONS	
NAME	DATE

MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085

DRAINAGE PLAN & PROFILE
WALKUP ROAD
STA 250+00 TO STA 265+00

SCALE: VERT. 1" = 5'
HORIZ. 1" = 50'

DATE: 04/15/11

DRAWN BY: LK
CHECKED BY: TL

TENG
TENG & ASSOCIATES, INC.
ENGINEERS ARCHITECTS PLANNERS
816 N. MICHIGAN AVE. CHICAGO, IL 60611
TELEPHONE: 312-467-9000

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	CHECKED	
	BY	
	DATE	

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	CHECKED	
	BY	
	DATE	

\L1024002.DGN, \P1024002.DGN, \R9999A001.DGN, \R9999A002.DGN, \R9999A003.DGN, \R9999A004.DGN, \R9999A005.DGN, \R9999A006.DGN, \R9999A007.DGN, \R9999A008.DGN, \R9999A009.DGN, \R9999A010.DGN, \R9999A011.DGN, \R9999A012.DGN, \R9999A013.DGN, \R9999A014.DGN, \R9999A015.DGN, \R9999A016.DGN, \R9999A017.DGN, \R9999A018.DGN, \R9999A019.DGN, \R9999A020.DGN, \R9999A021.DGN, \R9999A022.DGN, \R9999A023.DGN, \R9999A024.DGN, \R9999A025.DGN, \R9999A026.DGN, \R9999A027.DGN, \R9999A028.DGN, \R9999A029.DGN, \R9999A030.DGN, \R9999A031.DGN, \R9999A032.DGN, \R9999A033.DGN, \R9999A034.DGN, \R9999A035.DGN, \R9999A036.DGN, \R9999A037.DGN, \R9999A038.DGN, \R9999A039.DGN, \R9999A040.DGN, \R9999A041.DGN, \R9999A042.DGN, \R9999A043.DGN, \R9999A044.DGN, \R9999A045.DGN, \R9999A046.DGN, \R9999A047.DGN, \R9999A048.DGN, \R9999A049.DGN, \R9999A050.DGN, \R9999A051.DGN, \R9999A052.DGN, \R9999A053.DGN, \R9999A054.DGN, \R9999A055.DGN, \R9999A056.DGN, \R9999A057.DGN, \R9999A058.DGN, \R9999A059.DGN, \R9999A060.DGN

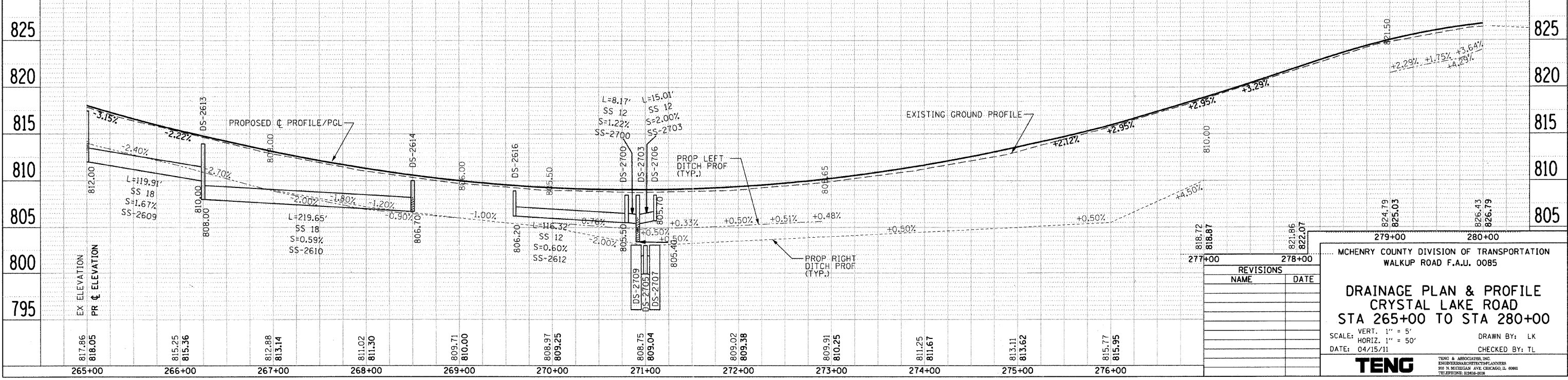
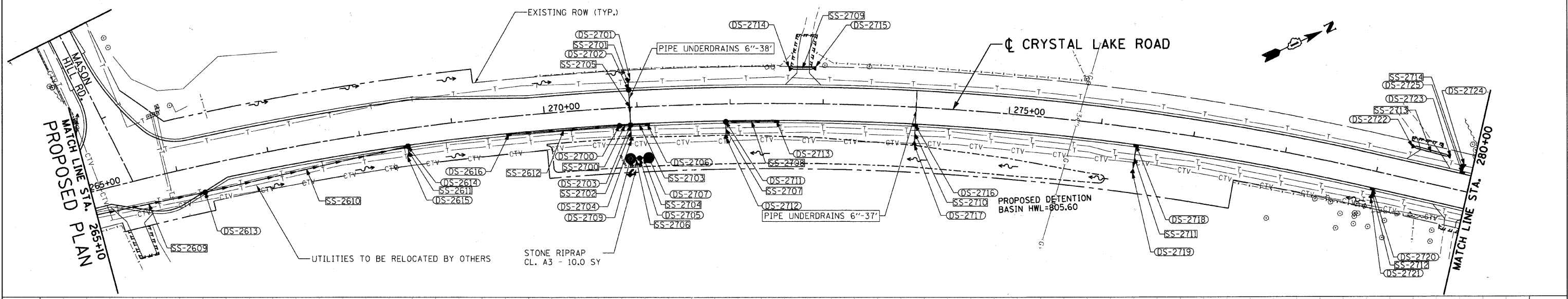
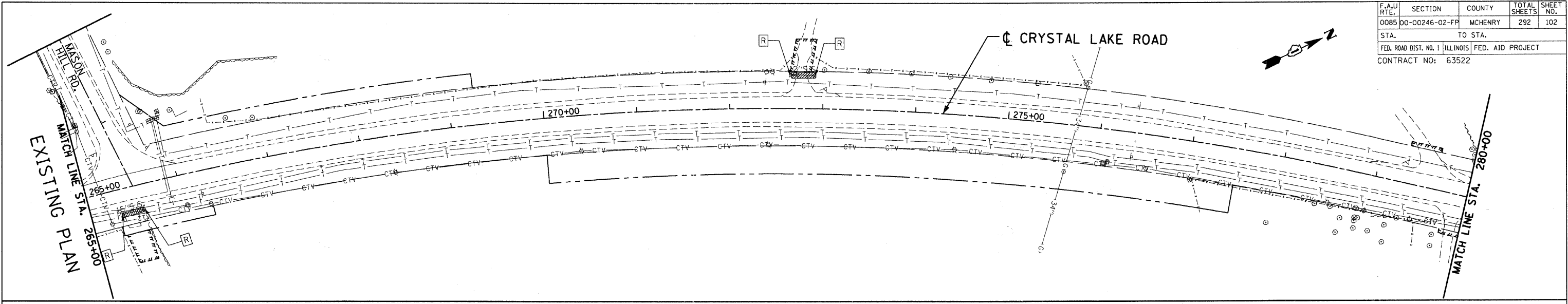
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 SURVEYED: _____
 PLOTTED: _____
 CHECKED: _____
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 SURVEYED: _____
 PLOTTED: _____
 CHECKED: _____

PLAN NO. _____
 NOTE BOOK NO. _____
 DATE: _____ BY: _____
 SURVEYED: _____
 PLOTTED: _____
 CHECKED: _____

DATE: _____ BY: _____
 SURVEYED: _____
 PLOTTED: _____
 CHECKED: _____

DATE: _____ BY: _____
 SURVEYED: _____
 PLOTTED: _____
 CHECKED: _____

F.A.U. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0085 00-00246-02-FP	MCHENRY	292	102
STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS	FED. AID PROJECT	
		CONTRACT NO: 63522	



REVISIONS	
NAME	DATE

MCHENRY COUNTY DIVISION OF TRANSPORTATION
 WALKUP ROAD F.A.U. 0085

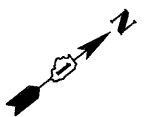
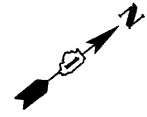
DRAINAGE PLAN & PROFILE
CRYSTAL LAKE ROAD
STA 265+00 TO STA 280+00

SCALE: VERT. 1" = 5'
 HORIZ. 1" = 50'

DATE: 04/15/11 DRAWN BY: LK
 CHECKED BY: TL

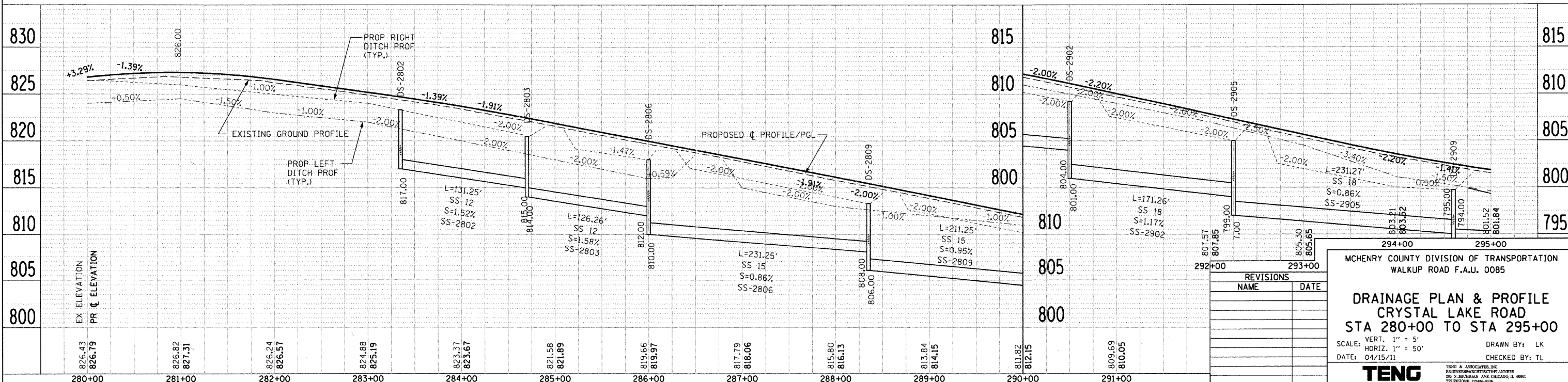
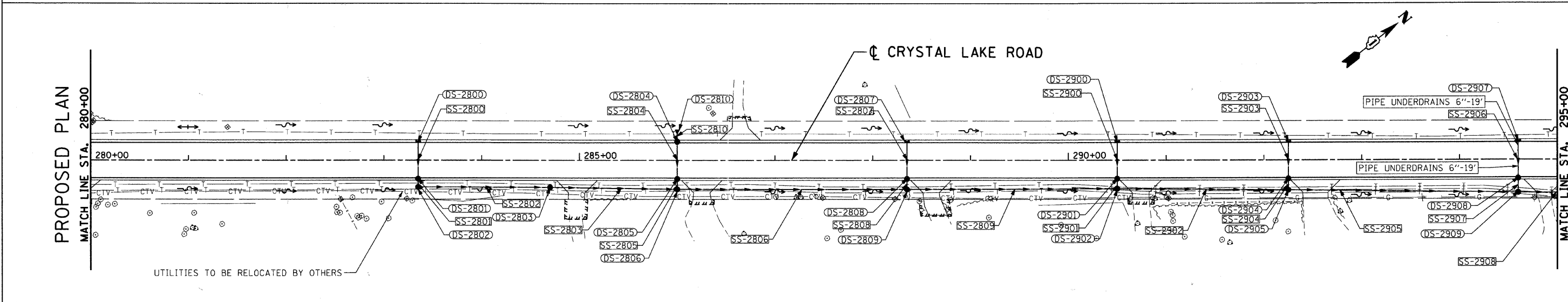
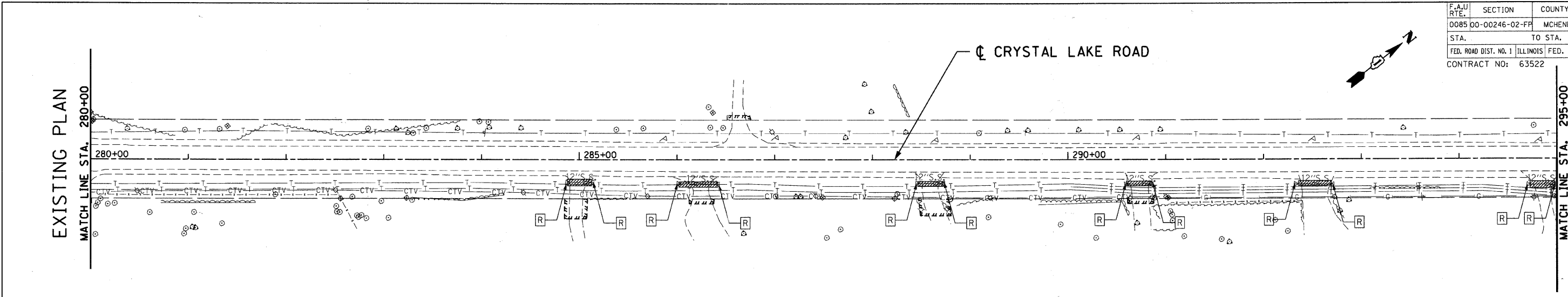


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0085	00-00246-02-FP	MCHENRY	292	103
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
CONTRACT NO: 63522				



EXISTING PLAN

PROPOSED PLAN



REVISIONS	
NAME	DATE

MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085

**DRAINAGE PLAN & PROFILE
CRYSTAL LAKE ROAD
STA 280+00 TO STA 295+00**

SCALE: VERT. 1" = 5'
HORIZ. 1" = 50'

DATE: 04/15/11

DRAWN BY: LK
CHECKED BY: TL

TENG

TENG & ASSOCIATES, INC.
ENGINEERS, ARCHITECTS, PLANNERS
300 N. MICHIGAN AVE. CHICAGO, IL 60610
TEL: 312.587.8800

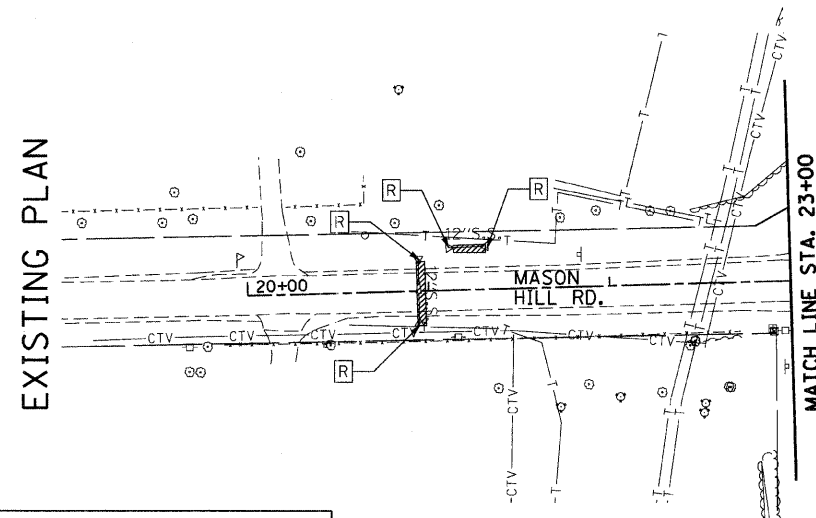
PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	CHECKED	
	BY	
	DATE	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	CHECKED	
	BY	
	DATE	

\AL021A002.DGN, \P102A002.DGN, \B09A001.DGN, \B09A002.DGN, \B09A003.DGN, \B09A004.DGN, \B09A005.DGN, \B09A006.DGN, \B09A007.DGN, \B09A008.DGN, \B09A009.DGN, \B09A010.DGN, \B09A011.DGN, \B09A012.DGN, \B09A013.DGN, \B09A014.DGN, \B09A015.DGN, \B09A016.DGN, \B09A017.DGN, \B09A018.DGN, \B09A019.DGN, \B09A020.DGN, \B09A021.DGN, \B09A022.DGN, \B09A023.DGN, \B09A024.DGN, \B09A025.DGN, \B09A026.DGN, \B09A027.DGN, \B09A028.DGN, \B09A029.DGN, \B09A030.DGN, \B09A031.DGN, \B09A032.DGN, \B09A033.DGN, \B09A034.DGN, \B09A035.DGN, \B09A036.DGN, \B09A037.DGN, \B09A038.DGN, \B09A039.DGN, \B09A040.DGN, \B09A041.DGN, \B09A042.DGN, \B09A043.DGN, \B09A044.DGN, \B09A045.DGN, \B09A046.DGN, \B09A047.DGN, \B09A048.DGN, \B09A049.DGN, \B09A050.DGN, \B09A051.DGN, \B09A052.DGN, \B09A053.DGN, \B09A054.DGN, \B09A055.DGN, \B09A056.DGN, \B09A057.DGN, \B09A058.DGN, \B09A059.DGN, \B09A060.DGN, \B09A061.DGN, \B09A062.DGN

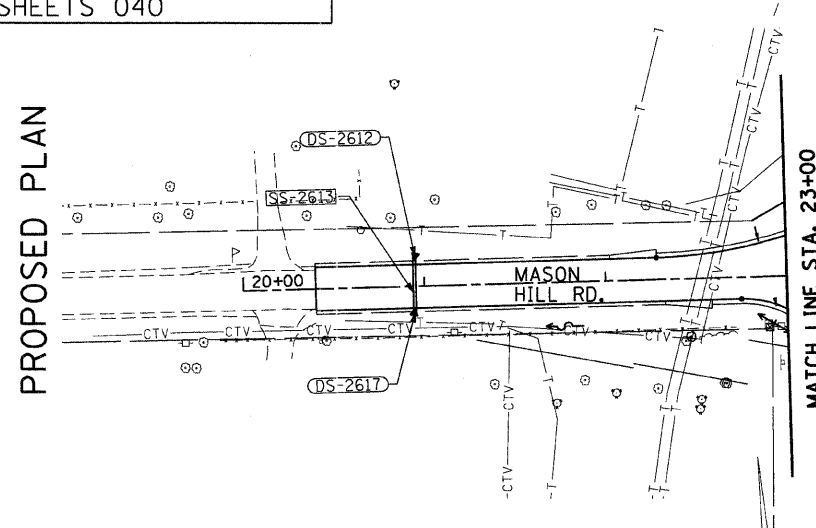
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0085	00-00246-02-FF	MCHENRY	292	105
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
CONTRACT NO: 63522				

EXISTING PLAN



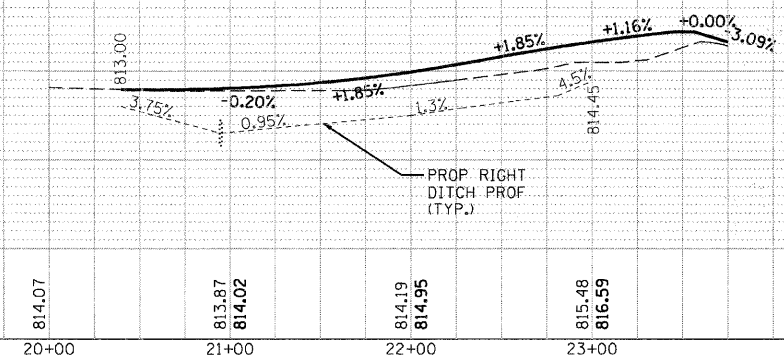
FOR PLAN CALLOUTS
SEE WALKUP ROAD
PLAN AND PROFILE
SHEETS 040

PROPOSED PLAN



MATCH LINE STA. 23+00
SEE SHEET 097

825
820
815
810
805



PLAN

DATE	BY	SERVICES	NOTED	CHECKED	DATE

PROFILE

DATE	BY	SERVICES	NOTED	CHECKED	DATE

REVISIONS	NAME	DATE

MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085

DRAINAGE PLAN & PROFILE
MASON HILL ROAD

SCALE: VERT. 1" = 5'
HORIZ. 1" = 50'

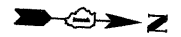
DATE: 04/15/11

DRAWN BY: RJS
CHECKED BY: MCD

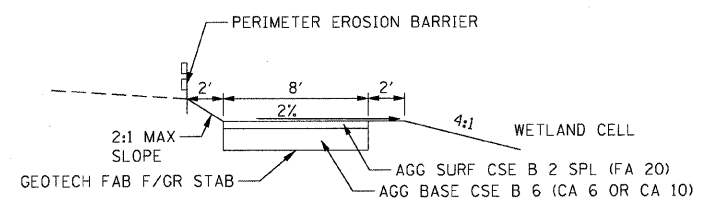
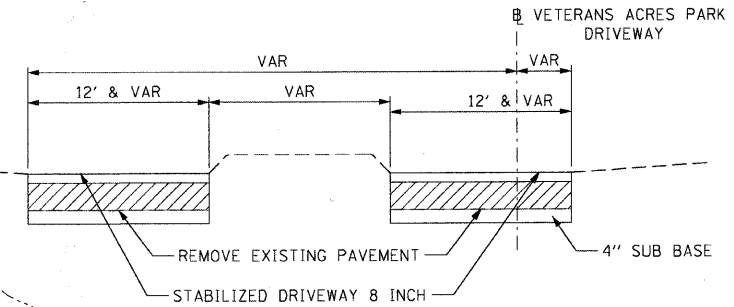
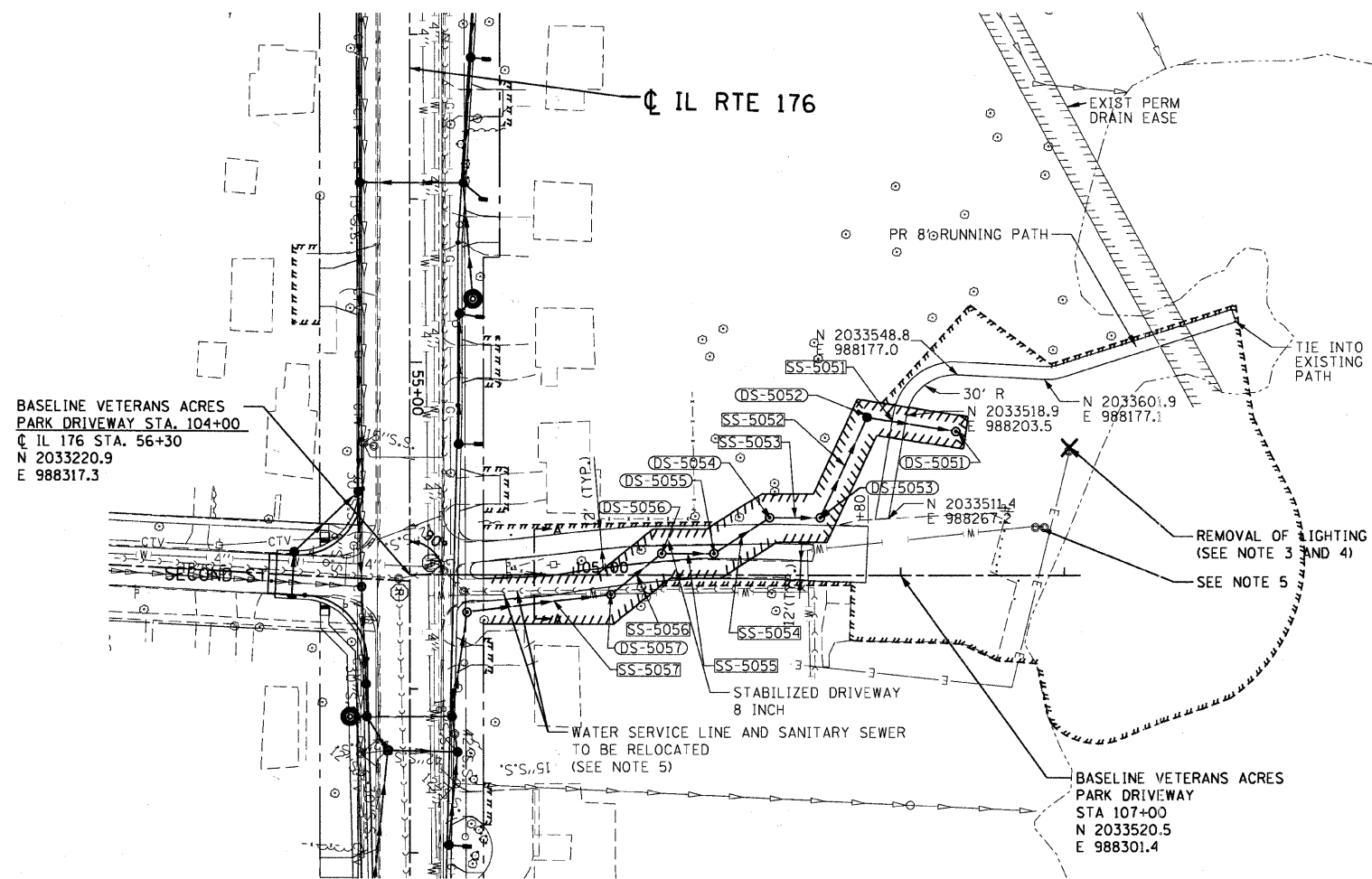
TENG

TENG & ASSOCIATES, INC.
ENGINEERS AND ARCHITECTS
205 N. MICHIGAN AVE., CHICAGO, IL 60601
TELEPHONE: 312-467-9999

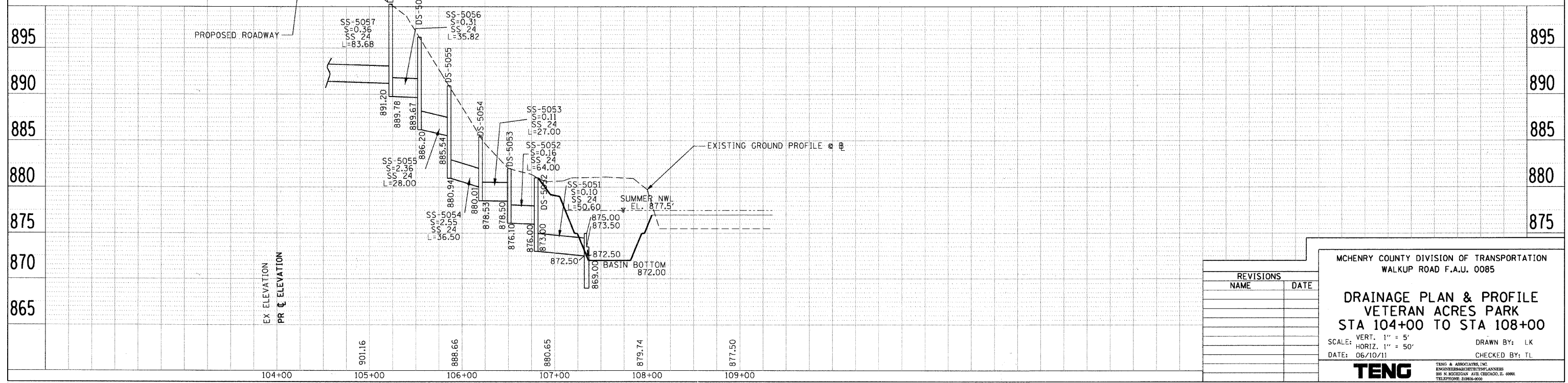
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0085	00-00246-02-FP	MCHENRY	292	106
STA.	TO STA.			
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
CONTRACT NO: 63522				



DATE: _____ BY: _____
 SURVEYED: _____ CHECKED: _____
 PLAN: _____ CHECKED: _____
 NOTE BOOK: _____
 NO. _____
 DATE: _____ BY: _____
 SURVEYED: _____ CHECKED: _____
 PROFILE: _____ CHECKED: _____
 NOTE BOOK: _____
 NO. _____



- NOTES:**
- 1 EXISTING UTILITIES ARE APPROXIMATE AND MUST BE VERIFIED IN THE FIELD.
 - 2 EXCAVATION FOR THE RUNNING PATH AND WETLAND CELL TO BE PAID FOR AS CHANNEL EXCAVATION (SPECIAL) AND TO BE USED AS FILL FOR THE NORTHERN POND.
 - 3 DELIVER LIGHT POLE TO CLPD STORAGE FACILITY AT 877 W RTE 176
 - 4 EXISTING ELECTRIC CIRCUIT SHALL BE DISCONNECTED AT REMAINING LIGHTING UNIT PROVIDING POWER FEED TO THIS LIGHTING UNIT. EXISTING ELECTRICAL CABLE BETWEEN REMAINING LIGHTING UNIT AND LIGHTING UNIT TO BE REMOVED. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR REMOVAL OF LIGHTING UNIT, SALVAGE.
 - 5 RELOCATION OF EXISTING VETERAN ACRES PARK WATER SERVICE LINE AND SANITARY SEWER IN CONFLICT WITH THE PROPOSED CONSTRUCTION WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.



REVISIONS	
NAME	DATE

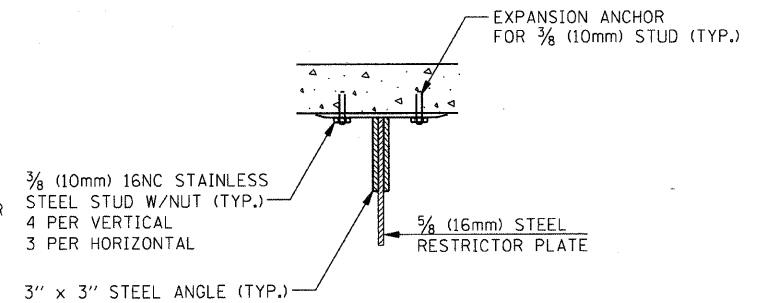
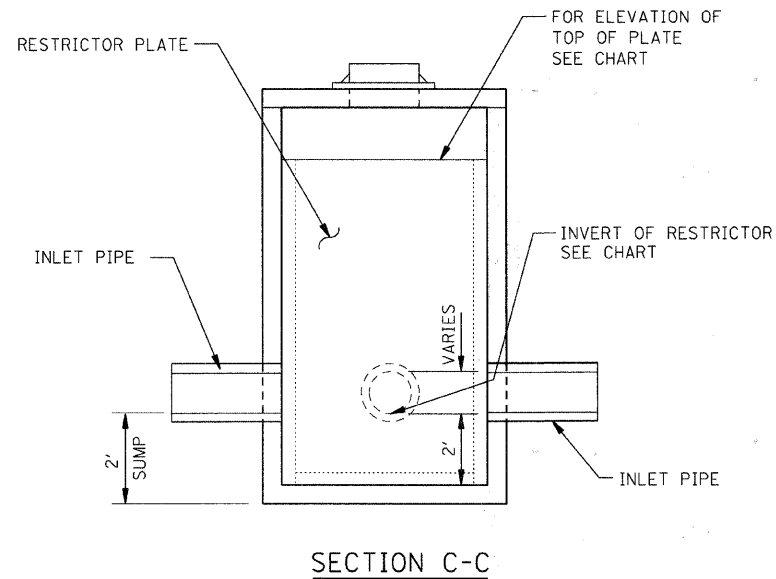
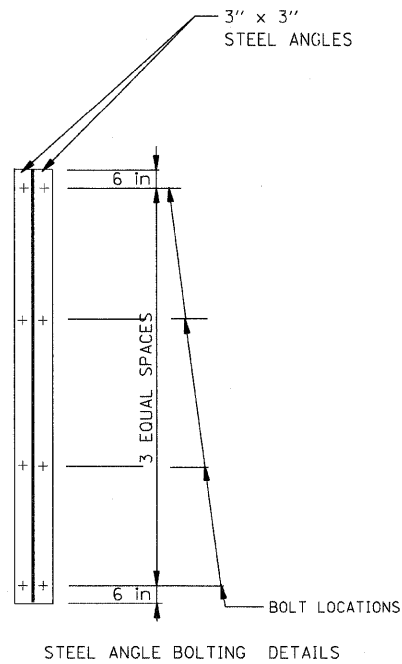
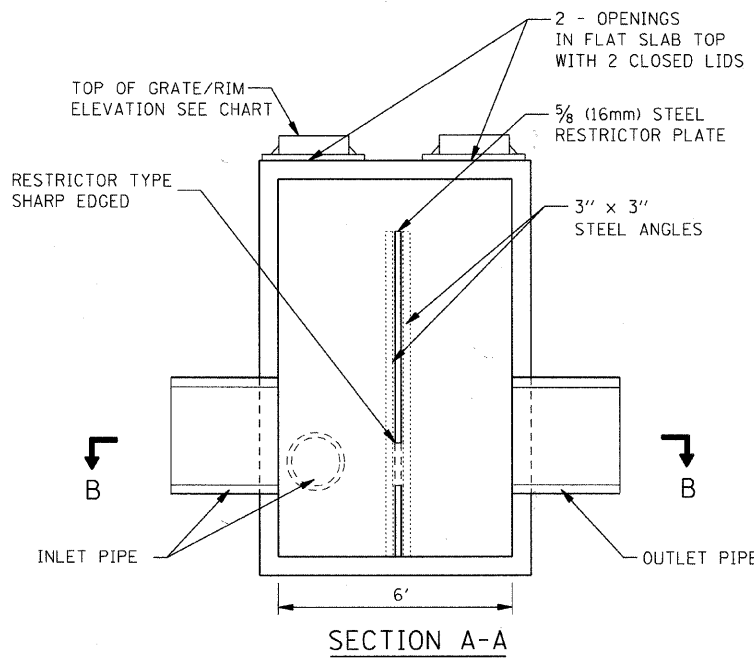
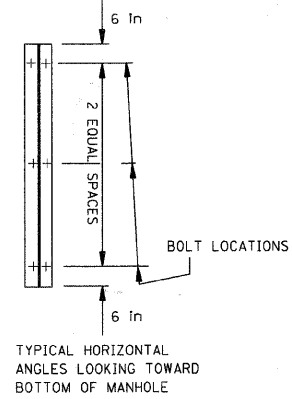
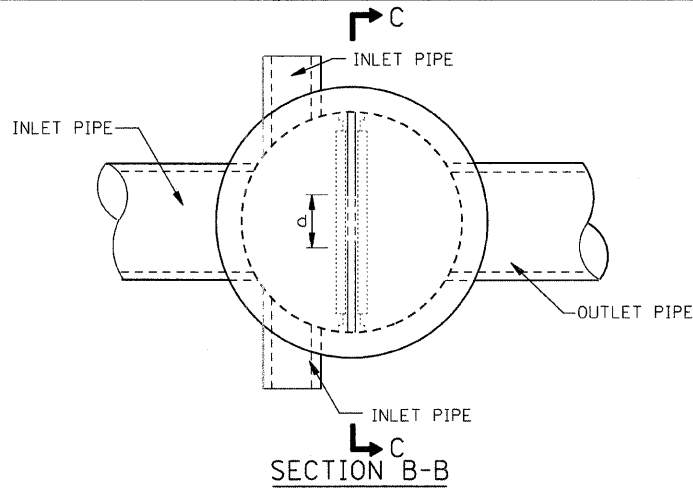
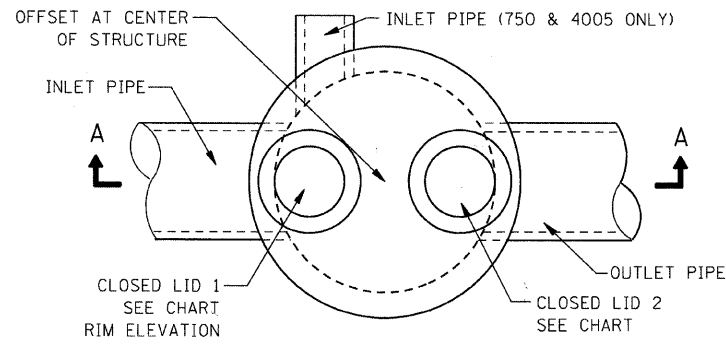
MCHENRY COUNTY DIVISION OF TRANSPORTATION
 WALKUP ROAD F.A.U. 0085

DRAINAGE PLAN & PROFILE
VETERAN ACRES PARK
STA 104+00 TO STA 108+00

VERT. 1" = 5'
 HORIZ. 1" = 50'
 DATE: 06/10/11

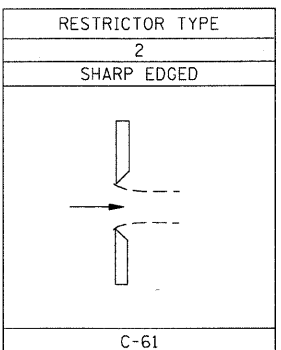
DRAWN BY: LK
 CHECKED BY: TL

TENG
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 300 N MICHIGAN AVE CHICAGO, IL 60601
 TELEPHONE: 312.467.4000



ANGLE FASTENER DETAIL

OUTLET TUBE DETAIL



ROUND DRAINAGE STRUCTURE WITH RESTRICTOR PLATE
N.T.S.

RESTRICTOR CHART

STRUCT NO	DIA FOOT	FRAME AND GRATE TYPE, RIM		REST. TYPE	RESTRICTOR SIZE, DIA.	RESTRICTOR INVERT	ELEVATION OF TOP OF PLATE OVERFLOW	
		1	2					
526	6	T1 CL	909.0	T1 CL	2	22.0"	901.45	905.7
750	6	T1 CL	926.7	T1 CL	2	20.0"	921.45	924.4
4005	6	T1 CL	914.5	T1 CL	2	8.0"	905.25	908.1
5013	6	T1 CL	903.35	T1 CL	2	15.0"	891.5	900.0

1. ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION
2. ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE DRAINAGE STRUCTURE.
3. TOP SLAB SHALL BE CAST WITH OPENINGS TO ACCOMODATE TWO TYPE 1 FRAMES. REINFORCEMENT BARS SHALL BE ADJUSTED TO ACCOMODATE FRAMES
4. BASIS OF PAYMENT: MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE.
5. STRUCTURES MAY HAVE ONE TO TWO INLETS, SEE PLAN VIEW FOR DETAILS.
6. SEE DRAINAGE SCHEDULE FOR PIPE LOCATIONS, INVERTS AND SIZES AND FOR STRUCTURE STATION AND OFFSET

NOTE:

1. ANGLE SHOULD BE 3" x 3" x 3/8"
2. VERTICAL ANGLE SHOULD EXTEND FROM THE BOTTOM OF THE RESTRICTOR PLATE TO THE TOP
3. HORIZONTAL ANGLES SHOULD EXTEND FROM VERTICAL ANGLE TO VERTICAL ANGLE
4. ALL DIMENSIONS ON THIS SHEET ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISIONS	
NAME	DATE

MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085

DRAINAGE DETAIL
ROUND STRUCTURE
WITH RESTRICTOR PLATE

SCALE: N.T.S.
DATE: 04/15/11

DRAWN BY: LK
CHECKED BY: TL

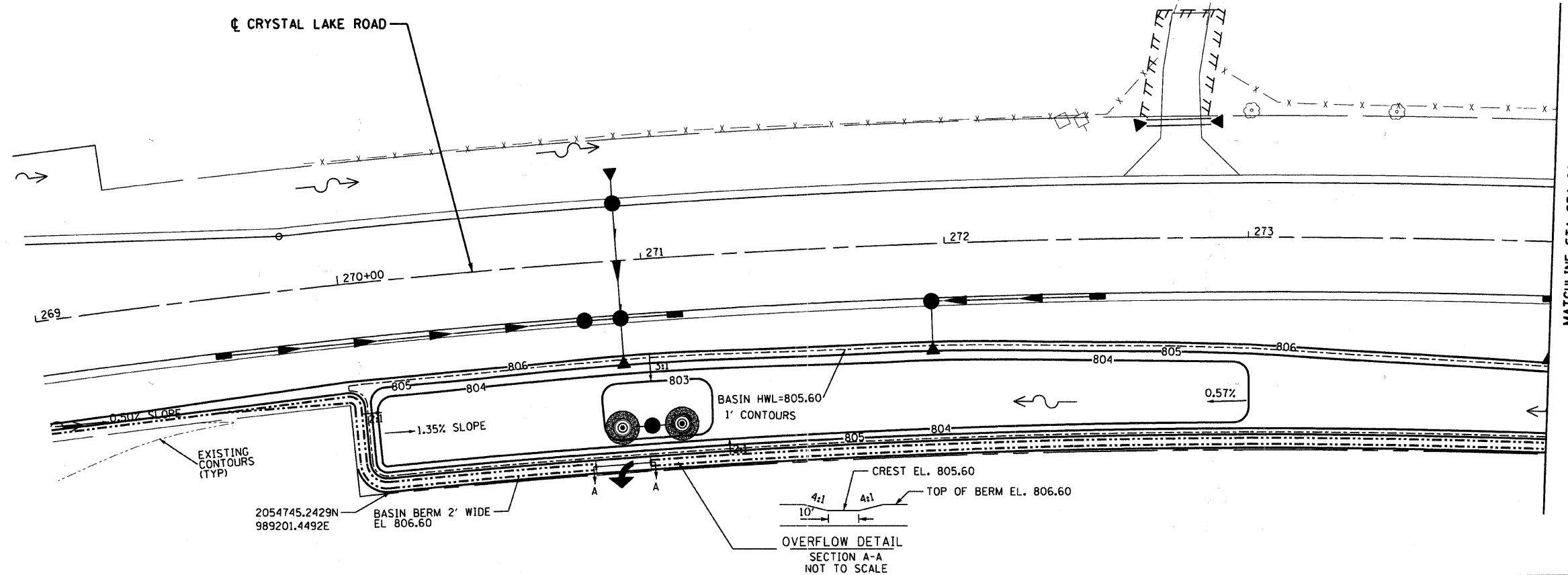
TENG

TENG & ASSOCIATES, INC.
ENGINEERING ARCHITECTURE INTERIORS
905 N. MICHIGAN AVE. CHICAGO, IL 60611
TELEPHONE: 312-467-8000

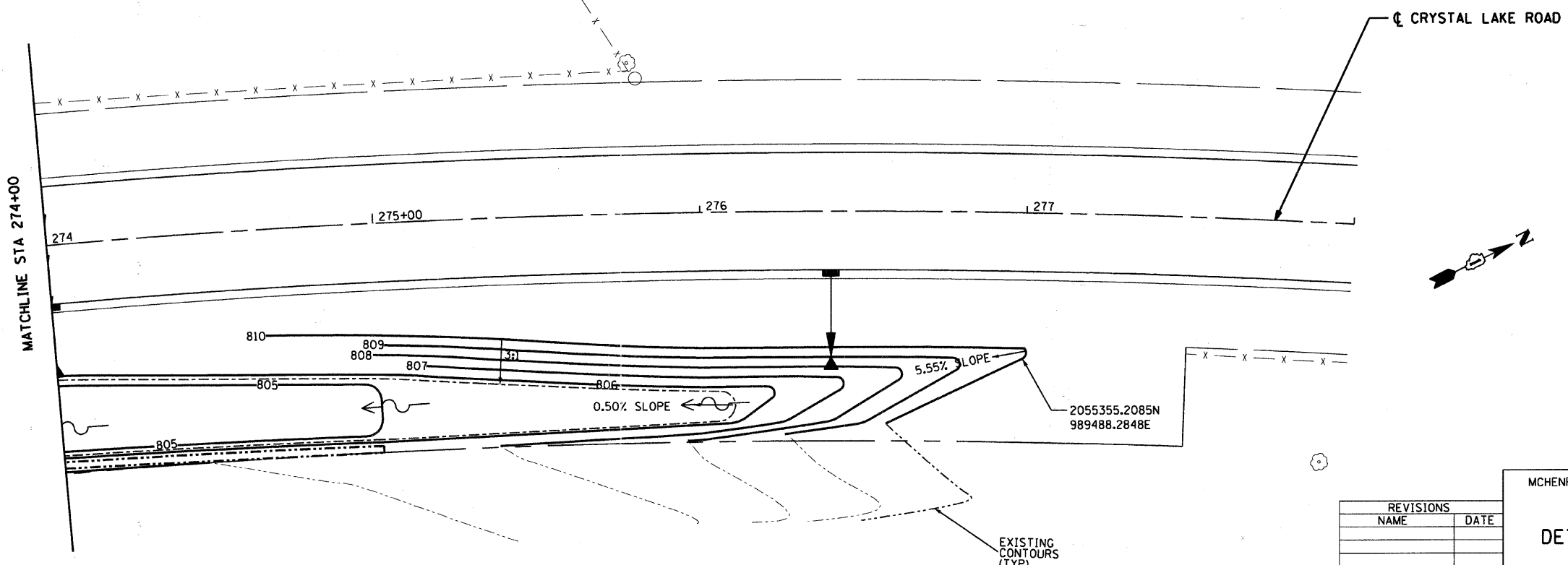
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 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63

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4-14-2010 15:53
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0085	00-00246-02-FP	MCHENRY	292	110
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
CONTRACT NO: 63522				



• SEE CROSS SECTIONS FOR ADDITIONAL DETAILS



• SEE CROSS SECTIONS FOR ADDITIONAL DETAILS

REVISIONS	
NAME	DATE


MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085

DETENTION BASIN GRADING DETAIL

STA 269+00 TO STA 278+00

SCALE: 1" = 20'
DATE: 04/15/11

DRAWN BY: LK
CHECKED BY: TL



TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/LANDSCAPE ARCHITECTS
216 N. MICHIGAN AVE., CHICAGO, IL 60601
TELEPHONE: 312-966-0000

PART OF THE SE 1/4 OF SEC. 32, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

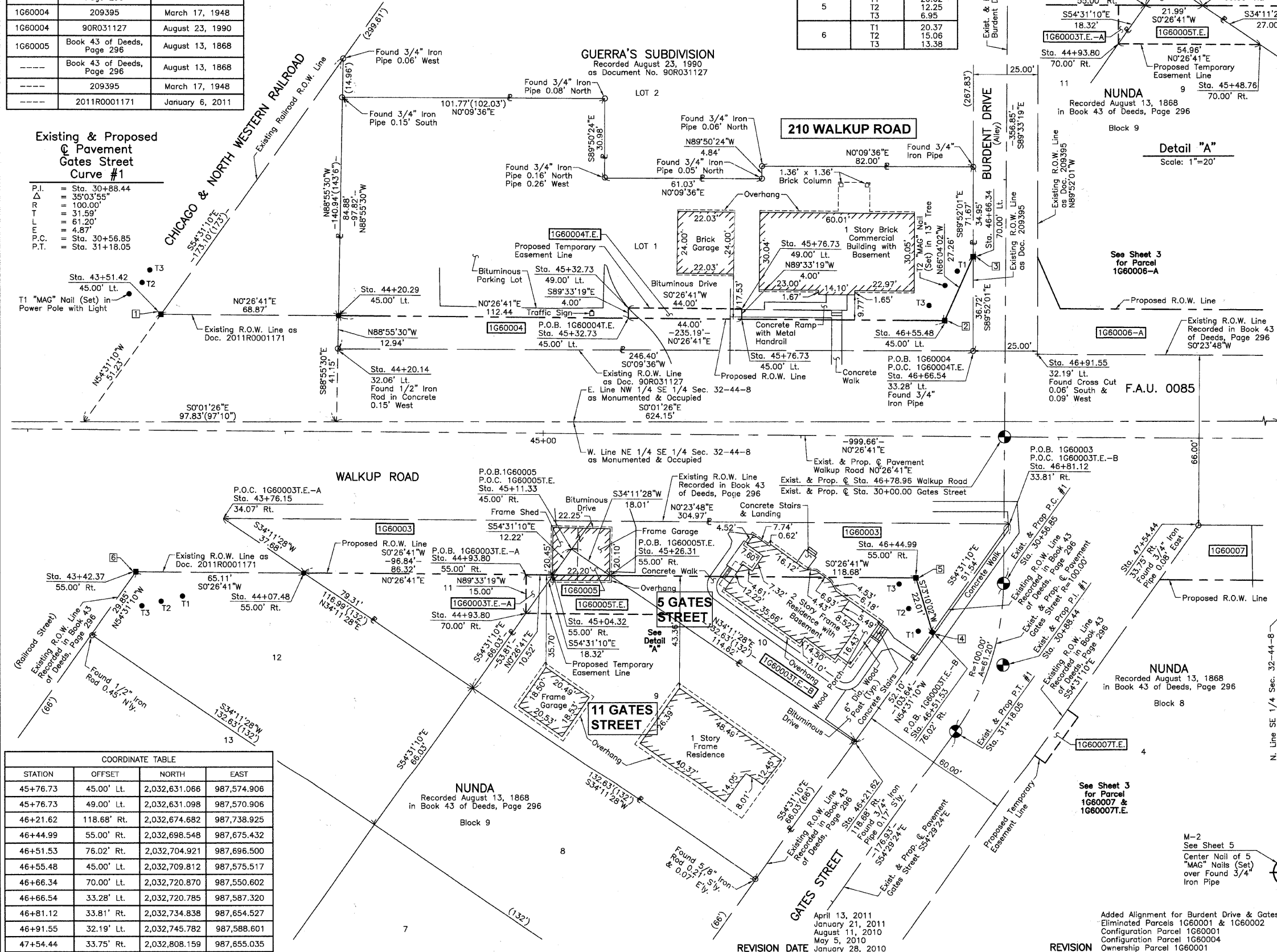
PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1G60003 1G60003T.E.-A	Stewart E. Feltz	0.285	0.139	N/A	0.146	A=0.002 B=0.097	79 N/A	Building Demolition Building Demolition	14-32-432-001
1G60004 1G60004T.E.	Cardinal Savings Bank, FSB, as Trustee under a Trust Agreement dated the 10th day of August, 1999, known as Trust Number 98-141	0.459	0.073	N/A	0.386	0.004	176	Driveway Construction	14-32-401-012
1G60005 1G60005T.E.	Matthew J. Canning	0.201	0.003	110	N/A	0.013	N/A	Building Demolition	14-32-432-002

Schedule of Ties		
Point Number	Tie to point	Tie Distance (feet)
1	T1	14.69
	T2	14.39
	T3	17.81
2	T1	19.87
	T2	13.69
	T3	6.45
3	T1	8.37
	T2	15.68
	T3	25.61
4	T1	5.51
	T2	12.96
	T3	22.72
5	T1	20.62
	T2	12.25
	T3	6.95
6	T1	20.37
	T2	15.06
	T3	13.38

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
1G60003	Book 43 of Deeds, Page 296	August 13, 1868
1G60004	209395	March 17, 1948
1G60004	90R031127	August 23, 1990
1G60005	Book 43 of Deeds, Page 296	August 13, 1868
-----	Book 43 of Deeds, Page 296	August 13, 1868
-----	209395	March 17, 1948
-----	2011R0001171	January 6, 2011

Existing & Proposed Pavement Gates Street Curve #1

P.I. = Sta. 30+88.44
 Δ = 35°03'55"
 R = 100.00'
 T = 31.59'
 L = 61.20'
 P.C. = Sta. 30+56.85
 P.T. = Sta. 31+18.05



LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- PROPERTY 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
- 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.

Scale: 1"=20'

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (1987) East Zone, according to the H.A.R.N. Network.

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 32, 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 ____ DAY OF ____ 20__ A.D.

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
43+42.37	55.00' Rt.	2,032,395.940	987,673.084
43+51.42	45.00' Lt.	2,032,405.765	987,573.157
43+76.15	34.07' Rt.	2,032,429.880	987,652.416
44+07.48	55.00' Rt.	2,032,461.045	987,673.589
44+20.14	32.06' Lt.	2,032,474.386	987,586.632
44+20.29	45.00' Lt.	2,032,474.629	987,573.691
44+93.80	55.00' Rt.	2,032,547.363	987,674.259
44+93.80	70.00' Rt.	2,032,547.247	987,689.258
45+04.32	55.00' Rt.	2,032,557.880	987,674.340
45+11.33	45.00' Rt.	2,032,564.972	987,664.391
45+26.31	55.00' Rt.	2,032,579.868	987,674.511
45+32.73	45.00' Lt.	2,032,587.068	987,574.564
45+32.73	49.00' Lt.	2,032,587.099	987,570.564
45+48.76	70.00' Rt.	2,032,602.203	987,689.685

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
45+76.73	45.00' Lt.	2,032,631.066	987,574.906
45+76.73	49.00' Lt.	2,032,631.098	987,570.906
46+21.62	118.68' Rt.	2,032,674.682	987,738.925
46+44.99	55.00' Rt.	2,032,698.548	987,675.432
46+51.53	76.02' Rt.	2,032,704.921	987,696.500
46+55.48	45.00' Lt.	2,032,709.812	987,575.517
46+66.34	70.00' Lt.	2,032,720.870	987,550.602
46+66.54	33.28' Rt.	2,032,720.785	987,587.320
46+81.12	33.81' Rt.	2,032,734.838	987,654.527
46+91.55	32.19' Lt.	2,032,745.782	987,588.601
47+54.44	33.75' Rt.	2,032,808.159	987,655.035

JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60048
 (847) 356-3371

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
43+42.37	55.00' Rt.	2,032,395.940	987,673.084
43+51.42	45.00' Lt.	2,032,405.765	987,573.157
43+76.15	34.07' Rt.	2,032,429.880	987,652.416
44+07.48	55.00' Rt.	2,032,461.045	987,673.589
44+20.14	32.06' Lt.	2,032,474.386	987,586.632
44+20.29	45.00' Lt.	2,032,474.629	987,573.691
44+93.80	55.00' Rt.	2,032,547.363	987,674.259
44+93.80	70.00' Rt.	2,032,547.247	987,689.258
45+04.32	55.00' Rt.	2,032,557.880	987,674.340
45+11.33	45.00' Rt.	2,032,564.972	987,664.391
45+26.31	55.00' Rt.	2,032,579.868	987,674.511
45+32.73	45.00' Lt.	2,032,587.068	987,574.564
45+32.73	49.00' Lt.	2,032,587.099	987,570.564
45+48.76	70.00' Rt.	2,032,602.203	987,689.685

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.U. 0085 (WALKUP ROAD)

SECTION 00-00246-00-FP McHENRY COUNTY
 PROJECT JOB NO. R-91-006-06
 STATION 43+00 TO STATION 48+00 (WALKUP ROAD)
 STATION 28+00 TO STATION 32+00 (GATES STREET)
 SCALE: 1"=20' SHEET 2 OF 74

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

REVISION DATE January 28, 2010

REVISION
 Added Alignment for Burdent Drive & Gates Street
 Eliminated Parcels 1G60001 & 1G60002
 Configuration Parcel 1G60001
 Configuration Parcel 1G60004
 Ownership Parcel 1G60001

MADE BY

PART OF THE EAST 1/2 OF SEC. 32, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

ILLINOIS ROUTE 176

EXISTING R.O.W. RECORDED INFORMATION

Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	42.92
	T2	29.30
	T3	22.46
2	T1	42.80
	T2	37.71
	T3	39.60
3	T1	13.08
	T2	10.13
	T3	11.54
4	T1	8.95
	T2	9.53
	T3	13.40
5	T1	17.87
	T2	14.60
	T3	2.05
6	T1	30.35
	T2	9.04
	T3	19.62
7	T1	25.26
	T2	27.49
	T3	13.82

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
48+21.61	7.13' Lt.	2,032,875.647	987,614.670
48+41.06	33.68' Rt.	2,032,894.780	987,655.634
48+41.59	55.00' Rt.	2,032,895.143	987,676.958
49+25.28	55.00' Rt.	2,032,978.832	987,677.608
49+38.74	61.53' Rt.	2,032,992.238	987,684.244
49+53.59	33.58' Rt.	2,033,007.307	987,656.413
49+57.20	32.42' Lt.	2,033,011.425	987,590.440
50+34.06	40.15' Lt.	2,033,088.251	987,583.219
50+43.99	8.84' Lt.	2,033,098.008	987,614.578
50+46.49	45.07' Rt.	2,033,100.228	987,668.504

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
50+46.61	33.09' Rt.	2,033,023.134	987,671.494
50+53.53	37.92' Lt.	2,033,094.416	987,674.623
50+76.16	55.00' Rt.	2,033,002.829	987,702.168
51+95.23	33.21' Lt.	2,033,097.248	987,616.372
51+95.23	38.21' Lt.	2,033,102.241	987,616.110
52+03.72	55.00' Rt.	2,033,009.820	987,829.544
52+04.76	32.78' Rt.	2,033,031.868	987,829.403
52+70.84	32.64' Rt.	2,033,035.517	987,895.381

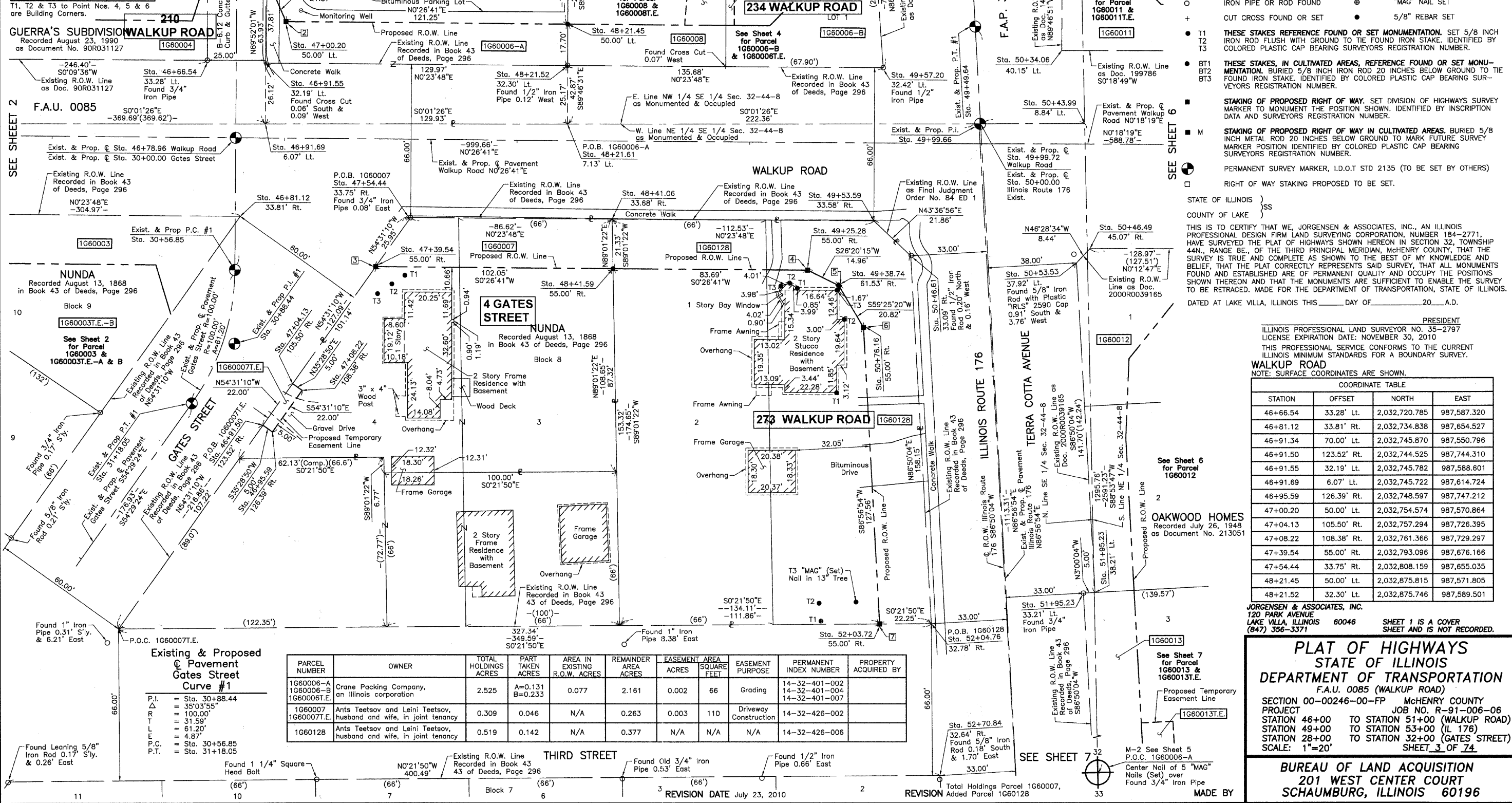
EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1G60006	Book 43 of Deeds, Page 296	August 13, 1868
1G60006	143030	December 1, 1939
1G60006	209395	March 17, 1948
1G60007	Book 43 of Deeds, Page 296	August 13, 1868
1G60128	Book 43 of Deeds, Page 296	August 13, 1868
1G60128	84 ED 1	*February 4, 1985
---	Book 43 of Deeds, Page 296	August 13, 1868
---	143163	December 6, 1939
---	199786	March 19, 1947
---	209395	March 17, 1948
---	2000R039165	July 21, 2000

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 RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING
- Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (1997) East Zone, according to the H.A.R.N. Network.
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- T1 T2 T3 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.
- BT1 BT2 BT3 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.
- 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.I STD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

SCALE: 1"=20'



PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1G60006-A 1G60006-B 1G60006T.E.	Crane Packing Company, an Illinois corporation	2.525	A=0.131 B=0.233	0.077	2.161	0.002 66	Grading	14-32-401-002 14-32-401-004 14-32-401-007	
1G60007 1G60007T.E.	Ants Teetsov and Leini Teetsov, husband and wife, in joint tenancy	0.309	0.046	N/A	0.263	0.003 110	Driveway Construction	14-32-426-002	
1G60128	Ants Teetsov and Leini Teetsov, husband and wife, in joint tenancy	0.519	0.142	N/A	0.377	N/A N/A		14-32-426-006	

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
46+66.54	33.28' Lt.	2,032,720.785	987,587.320
46+81.12	33.81' Rt.	2,032,734.838	987,654.527
46+91.34	70.00' Lt.	2,032,745.870	987,550.796
46+91.50	123.52' Rt.	2,032,744.525	987,744.310
46+91.55	32.19' Lt.	2,032,745.782	987,588.601
46+91.69	6.07' Lt.	2,032,745.722	987,614.724
46+95.59	126.39' Rt.	2,032,748.597	987,747.212
47+00.20	50.00' Lt.	2,032,754.574	987,570.864
47+04.13	105.50' Rt.	2,032,757.294	987,726.395
47+08.22	108.38' Rt.	2,032,761.366	987,729.297
47+39.54	55.00' Rt.	2,032,793.096	987,676.166
47+54.44	33.75' Rt.	2,032,808.159	987,655.035
48+21.45	50.00' Lt.	2,032,875.815	987,571.805
48+21.52	32.30' Lt.	2,032,875.746	987,589.501

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.U. 0085 (WALKUP ROAD)

SECTION 00-00246-00-FP McHENRY COUNTY
PROJECT JOB NO. R-91-006-06
STATION 46+00 TO STATION 51+00 (WALKUP ROAD)
STATION 49+00 TO STATION 53+00 (IL 176)
STATION 28+00 TO STATION 32+00 (GATES STREET)
SCALE: 1"=20' SHEET 3 OF 74

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

BY	DATE	MADE	CHECKED	IN	NOTEBOOK NO.

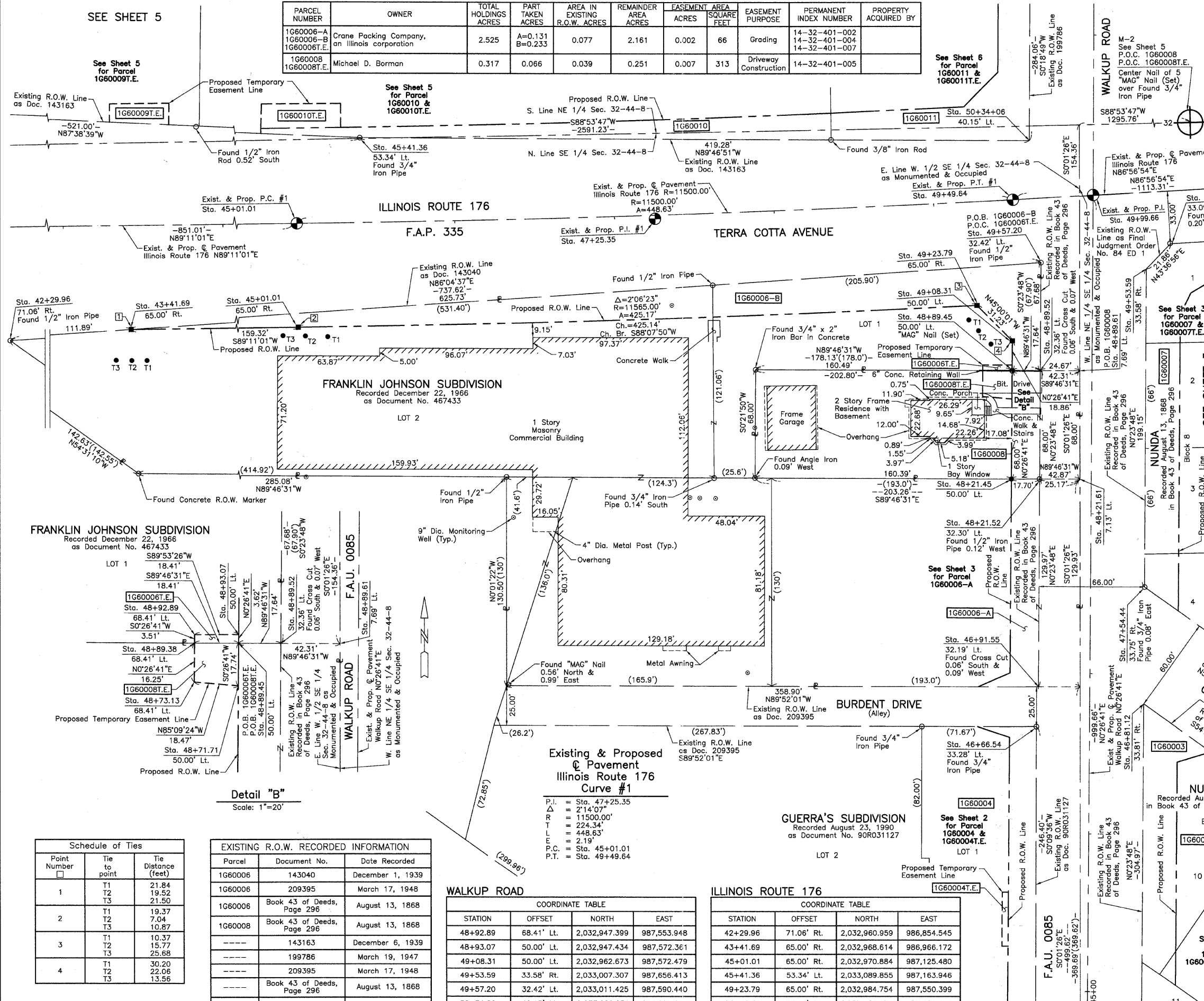
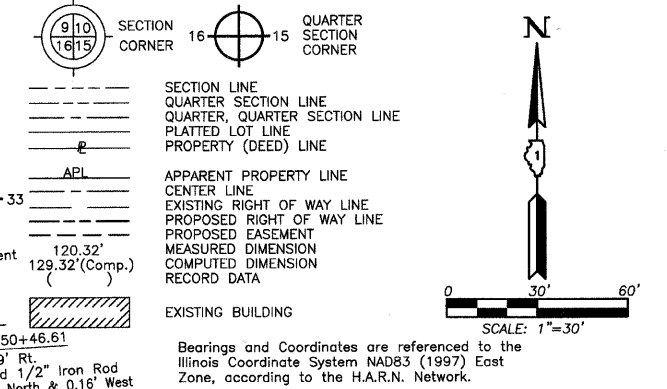
PART OF THE EAST 1/2 OF SEC. 32, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

SEE SHEET 6

SEE SHEET 5

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1G60006-A 1G60006-B 1G60006T.E.	Crane Packing Company, an Illinois corporation	2.525	A=0.131 B=0.233	0.077	2.161	0.002	66	Grading	14-32-401-002 14-32-401-004 14-32-401-007	
1G60008 1G60008T.E.	Michael D. Borman	0.317	0.066	0.039	0.251	0.007	313	Driveway Construction	14-32-401-005	

LEGEND



- 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.
- BT1 BT2 BT3 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.
- 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 }
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 32, 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 _____ 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.

WALKUP ROAD
NOTE: SURFACE COORDINATES ARE SHOWN.

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
46+66.54	33.28' Lt.	2,032,720.785	987,587.320
46+81.12	33.81' Rt.	2,032,734.838	987,654.527
46+91.55	32.19' Lt.	2,032,745.782	987,588.601
47+54.44	33.75' Rt.	2,032,808.159	987,655.035
48+21.45	50.00' Lt.	2,032,875.815	987,571.805
48+21.52	32.30' Lt.	2,032,875.746	987,589.501
48+21.61	7.13' Lt.	2,032,875.647	987,614.670
48+71.71	50.00' Lt.	2,032,926.076	987,572.195
48+73.13	68.41' Lt.	2,032,927.635	987,553.795
48+89.38	68.41' Lt.	2,032,943.885	987,553.921
48+89.45	50.00' Lt.	2,032,943.813	987,572.333
48+89.52	32.36' Lt.	2,032,943.744	987,589.972
48+89.61	7.69' Lt.	2,032,943.647	987,614.642

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

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.U. 0085 (WALKUP ROAD)
SECTION 00-00246-00-FP McHENRY COUNTY
PROJECT JOB NO. R-91-006-06
STATION 45+00 TO STATION 51+00 (WALKUP ROAD)
STATION 42+00 TO STATION 51+00 (IL 176)
SCALE: 1"=30'
SHEET 4 OF 74

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

DATE	BY	MADE	CHECKED	INKED	NO

Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	21.84
	T2	19.52
	T3	21.50
2	T1	19.37
	T2	7.04
	T3	10.87
3	T1	10.37
	T2	15.77
	T3	25.68
4	T1	30.20
	T2	22.06
	T3	13.56

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1G60006	143040	December 1, 1939
1G60006	209395	March 17, 1948
1G60006	Book 43 of Deeds, Page 296	August 13, 1868
1G60008	Book 43 of Deeds, Page 296	August 13, 1868
---	143163	December 6, 1939
---	199786	March 19, 1947
---	209395	March 17, 1948
---	Book 43 of Deeds, Page 296	August 13, 1868
---	84 ED 1	*February 4, 1985

WALKUP ROAD

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
48+92.89	68.41' Lt.	2,032,947.399	987,553.948
48+93.07	50.00' Lt.	2,032,947.434	987,572.361
49+08.31	50.00' Lt.	2,032,962.673	987,572.479
49+53.59	33.58' Rt.	2,033,007.307	987,656.413
49+57.20	32.42' Lt.	2,033,011.425	987,590.440
50+34.06	40.15' Lt.	2,033,088.251	987,583.219

ILLINOIS ROUTE 176

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
42+29.96	71.06' Rt.	2,032,960.959	986,854.545
43+41.69	65.00' Rt.	2,032,968.614	986,966.172
45+01.01	65.00' Rt.	2,032,970.884	987,125.480
45+41.36	53.34' Lt.	2,033,089.855	987,163.946
49+23.79	65.00' Rt.	2,032,984.754	987,550.399
50+46.61	33.09' Rt.	2,033,023.134	987,671.494

* Date Filed

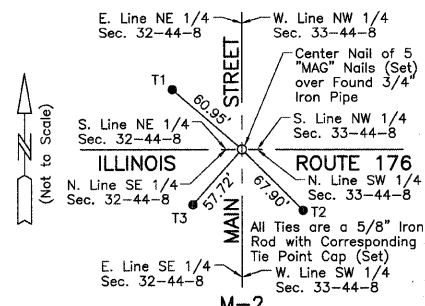
REVISION DATE

REVISION

MADE BY

PART OF THE EAST 1/2 OF SEC. 32, 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
1G60010 1G60010T.E.	Chicago Title and Trust Company, successor trustee to LaSalle National Trust, N.A., as Trustee under a trust agreement dated November 6, 1996, known as Trust Number 120591	2.803	0.082	N/A	2.721	0.017	Driveway Construction	14-32-251-023	



Point Number	Tie to point	Tie Distance (feet)
1	T1 T2 T3	34.74 24.48 25.74
2	T1 T2 T3	32.73 21.39 22.67

LEGEND

SECTION CORNER 16 15 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
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (1997) East Zone, according to the H.A.R.N. Network.

○ 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 32, 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 ____ 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.

Parcel	Document No.	Date Recorded
1G60009	143160	December 6, 1939
1G60009	143163	December 6, 1939
1G60010	143160	December 6, 1939
1G60010	143163	December 6, 1939
---	143040	December 1, 1939

STATION	OFFSET	NORTH	EAST
43+86.08	62.01' Lt.	2,033,096.240	987,008.747
44+79.28	56.84' Lt.	2,033,092.403	987,102.019
44+79.28	60.02' Lt.	2,033,095.582	987,101.974
44+79.95	75.38' Lt.	2,033,110.946	987,102.424
45+29.49	60.00' Lt.	2,033,096.310	987,152.025
45+29.74	75.00' Lt.	2,033,111.307	987,152.025
45+41.36	53.34' Lt.	2,033,089.855	987,163.946
48+37.68	43.17' Lt.	2,033,088.725	987,459.194
48+38.22	60.00' Lt.	2,033,105.567	987,458.999

Existing & Proposed Pavement Illinois Route 176 Curve #1

P.I. = Sta. 47+25.35
Δ = 2'14.07"
R = 11500.00'
T = 224.34'
L = 448.63'
E = 2.19'
P.C. = Sta. 45+01.01
P.T. = Sta. 49+49.64

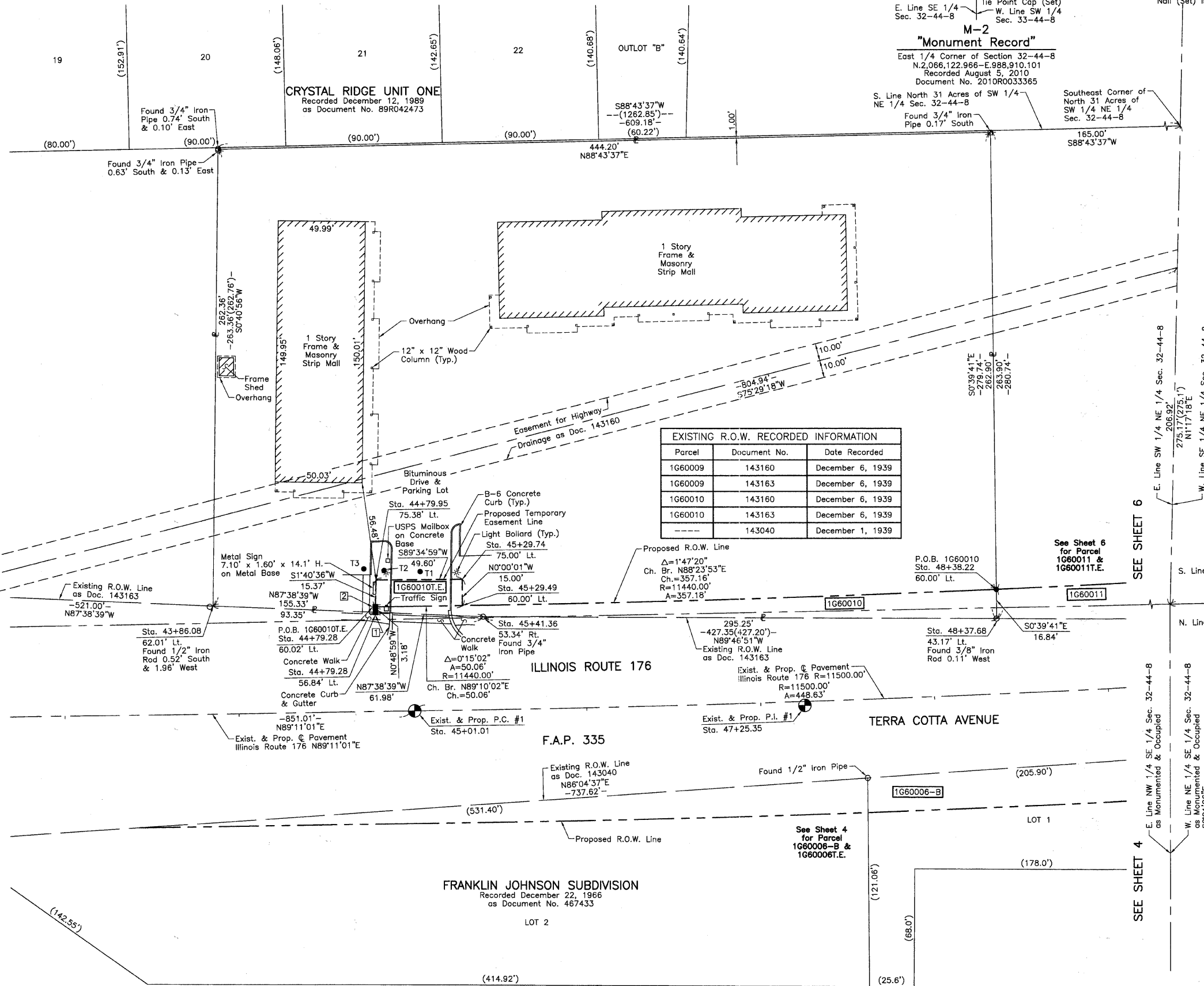
JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.U. 0085 (WALKUP ROAD)
SECTION 00-00246-00-FP McHENRY COUNTY
PROJECT JOB NO. R-91-006-06
STATION 43+00 TO STATION 49+00
SCALE: 1"=30' SHEET 5 OF 74

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

DATE	BY	MADE	CHECKED	LINKED	NOTEBOOK NO.



REVISION DATE October 4, 2010
January 28, 2010

REVISION Eliminated Parcel 1G60009T.E.
Ownership Parcel 1G60010

MADE BY

PART OF THE EAST 1/2 OF SEC. 32, 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
1G60011 1G60011T.E.	Helco Corp., an Illinois corporation	0.866	0.218	0.037	0.648	0.015	Driveway Construction	14-32-251-015	
1G60012	David R. Gervais	0.445	0.107	N/A	0.338	N/A	N/A	14-32-276-015	

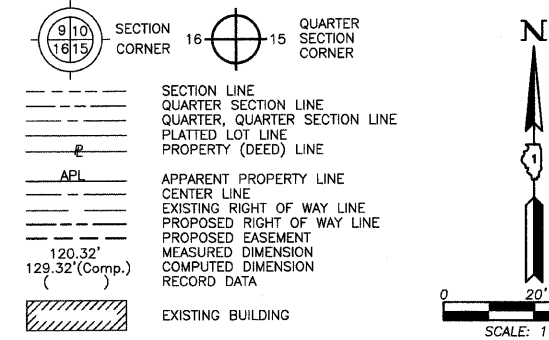
ILLINOIS ROUTE 176

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
48+37.68	43.17' Lt.	2,033,088.725	987,459.194
48+38.22	60.00' Lt.	2,033,105.567	987,458.999
49+21.92	60.00' Lt.	2,033,109.496	987,542.170
50+46.61	33.09' Rt.	2,033,023.134	987,671.494
50+53.53	37.92' Lt.	2,033,094.416	987,674.623
50+95.76	58.22' Lt.	2,033,116.929	987,715.711
51+29.82	55.00' Lt.	2,033,115.530	987,749.898
51+95.23	33.21' Lt.	2,033,097.248	987,816.372
51+95.23	38.21' Lt.	2,033,102.241	987,816.110
51+95.25	55.00' Lt.	2,033,119.013	987,815.231
52+04.76	32.78' Rt.	2,033,031.868	987,829.403
52+70.84	32.64' Rt.	2,033,035.517	987,895.381

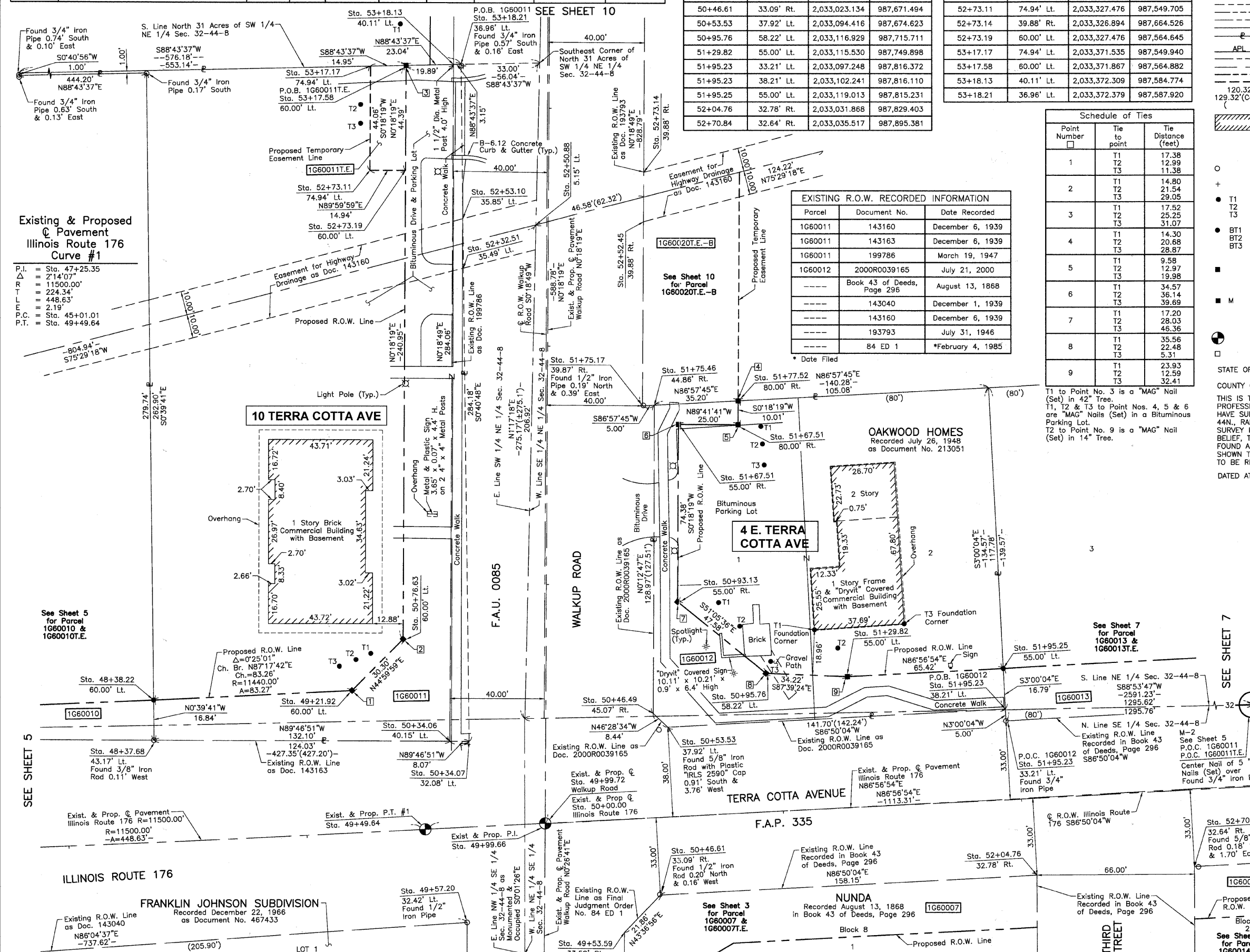
WALKUP ROAD

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
52+50.88	5.15' Lt.	2,033,604.878	987,619.377
52+52.45	39.88' Rt.	2,033,306.206	987,664.413
52+53.10	35.85' Lt.	2,033,307.266	987,588.693
52+73.11	74.94' Lt.	2,033,327.476	987,549.705
52+73.14	39.88' Rt.	2,033,326.894	987,664.526
52+73.19	60.00' Lt.	2,033,327.476	987,564.645
53+17.17	74.94' Lt.	2,033,371.535	987,549.940
53+17.58	60.00' Lt.	2,033,371.867	987,564.882
53+18.13	40.11' Lt.	2,033,372.309	987,584.774
53+18.21	36.96' Lt.	2,033,372.379	987,587.920

LEGEND



SCALE: 1"=20'



Schedule of Ties		
Point Number	Tie to point	Tie Distance (feet)
1	T1	17.38
	T2	12.99
	T3	11.38
2	T1	14.80
	T2	21.54
	T3	29.05
3	T1	17.52
	T2	25.25
	T3	31.07
4	T1	14.30
	T2	20.68
	T3	28.87
5	T1	9.58
	T2	12.97
	T3	19.98
6	T1	34.57
	T2	36.14
	T3	39.69
7	T1	17.20
	T2	28.03
	T3	48.36
8	T1	35.56
	T2	22.48
	T3	5.31
9	T1	23.93
	T2	12.59
	T3	32.41

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
1G60011	143160	December 6, 1939
1G60011	143163	December 6, 1939
1G60011	199786	March 19, 1947
1G60012	2000R0039165	July 21, 2000
----	Book 43 of Deeds, Page 296	August 13, 1868
----	143040	December 1, 1939
----	143160	December 6, 1939
----	193793	July 31, 1946
----	84 ED 1	*February 4, 1985

Existing & Proposed Pavement Illinois Route 176 Curve #1

P.I. = Sta. 47+25.35
 Δ = 2'14.07"
 R = 11500.00'
 T L = 224.34'
 L = 448.63'
 P.T. = Sta. 49+49.64

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 THESE STAKES 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)
 THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM AND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 32, 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 ____ DAY OF ____ 20__ A.D.

JORGENSEN & ASSOCIATES, INC.
 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.

WALKUP ROAD
 NOTE: SURFACE COORDINATES ARE SHOWN.

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
49+53.59	33.58' Rt.	2,033,007.307	987,656.413
49+57.20	32.42' Lt.	2,033,011.425	987,590.440
50+34.06	40.15' Lt.	2,033,088.251	987,583.219
50+34.07	32.08' Lt.	2,033,088.220	987,591.292
50+46.50	45.07' Rt.	2,033,100.228	987,668.504
50+76.63	60.00' Lt.	2,033,130.924	987,563.598
50+93.13	55.00' Rt.	2,033,146.813	987,678.684
51+67.51	55.00' Rt.	2,033,221.188	987,679.080
51+67.51	80.00' Rt.	2,033,221.055	987,704.080
51+75.17	39.87' Rt.	2,033,228.933	987,663.990
51+75.46	44.86' Rt.	2,033,229.198	987,668.983
51+77.52	80.00' Rt.	2,033,231.063	987,704.134
52+32.51	35.49' Lt.	2,033,286.670	987,588.937

SEE SHEET 5
 SEE SHEET 7

PLAT OF HIGHWAYS STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

F.A.U. 0085 (WALKUP ROAD)

SECTION 00-00246-00-FP McHENRY COUNTY PROJECT JOB NO. R-91-006-06
 STATION 49+00 TO STATION 54+00 (WALKUP ROAD)
 STATION 48+00 TO STATION 53+00 (IL 176)
 SCALE: 1"=20' SHEET 6 OF 74

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

PART OF THE EAST 1/2 OF SEC. 32, 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 ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1G60013 1G60013T.E.	Gordon K. Smith and Brenda J. Smith, his wife, in joint tenancy	0.278	0.043	N/A	0.235	0.009	396	Driveway Construction	14-32-276-003	
1G60014 1G60014T.E.	Sandy K. Babineau and Danielle Babineau, husband and wife, not as joint tenants or as tenants in common, but as tenants by the entirety	0.301	0.085	N/A	0.216	0.002	94	Grading	14-32-427-001	
1G60015 1G60015T.E.	Marcus J. Machacek and Ruth A. Machacek, husband and wife, as Tenants by the Entirety	0.233	0.036	N/A	0.197	0.004	191	Driveway Construction	14-32-276-004	
1G60016	Deborah Lynn Saban also known as Deborah L. Saban, divorced and not since remarried	0.255	0.039	N/A	0.216	N/A	N/A	N/A	14-32-276-005	
1G60018 1G60018T.E.	Byron A. Inion and Kristen Inion, husband and wife, as Tenants by the Entirety	0.255	0.021	N/A	0.234	0.007	307	Driveway Construction	14-32-276-006	

Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	13.01
	T2	11.74
	T3	12.00
2	T1	19.73
	T2	15.69
	T3	18.08
3	T1	13.58
	T2	6.40
	T3	11.38

T2 & T3 to Point Nos. 2 & 3 are "MAG" Nails (Set) in Bituminous Drive.

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1G60013	Book 43 of Deeds, Page 296	August 13, 1868
1G60014	Book 43 of Deeds, Page 296	August 13, 1868
1G60015	Book 43 of Deeds, Page 296	August 13, 1868
1G60016	Book 43 of Deeds, Page 296	August 13, 1868
1G60018	Book 43 of Deeds, Page 296	August 13, 1868
---	Book 43 of Deeds, Page 296	August 13, 1868
---	2000R0039165	July 21, 2000

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
53+55.16	33.52' Lt.	2,033,106.080	987,976.061
53+55.17	55.00' Lt.	2,033,127.526	987,974.926
53+55.17	62.06' Rt.	2,033,134.579	987,974.553
53+28.22	55.00' Rt.	2,033,021.570	988,053.724
54+28.22	71.58' Rt.	2,033,005.011	988,054.806
54+33.48	71.58' Rt.	2,033,005.291	988,059.866
54+34.26	55.00' Rt.	2,033,021.892	988,059.760
54+35.13	33.68' Lt.	2,033,110.496	988,055.960
54+35.13	45.00' Lt.	2,033,121.797	988,055.305
54+35.13	55.00' Lt.	2,033,131.782	988,054.774
54+35.33	32.32' Rt.	2,033,044.600	988,059.616
54+83.89	45.00' Lt.	2,033,124.393	988,104.001
54+83.89	54.85' Lt.	2,033,134.232	988,103.476
55+15.09	45.00' Lt.	2,033,126.053	988,135.155
55+15.09	54.85' Lt.	2,033,135.892	988,134.630
55+15.10	33.84' Lt.	2,033,114.912	988,135.750
55+99.81	31.99' Rt.	2,033,053.683	988,223.850

LEGEND

SECTION CORNER 16 QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE
APL
CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (1997) East Zone, according to the H.A.R.N. Network.

○ 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.
● 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.
■ 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 FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 32, 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 ____ DAY OF ____ 20__ A.D.

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

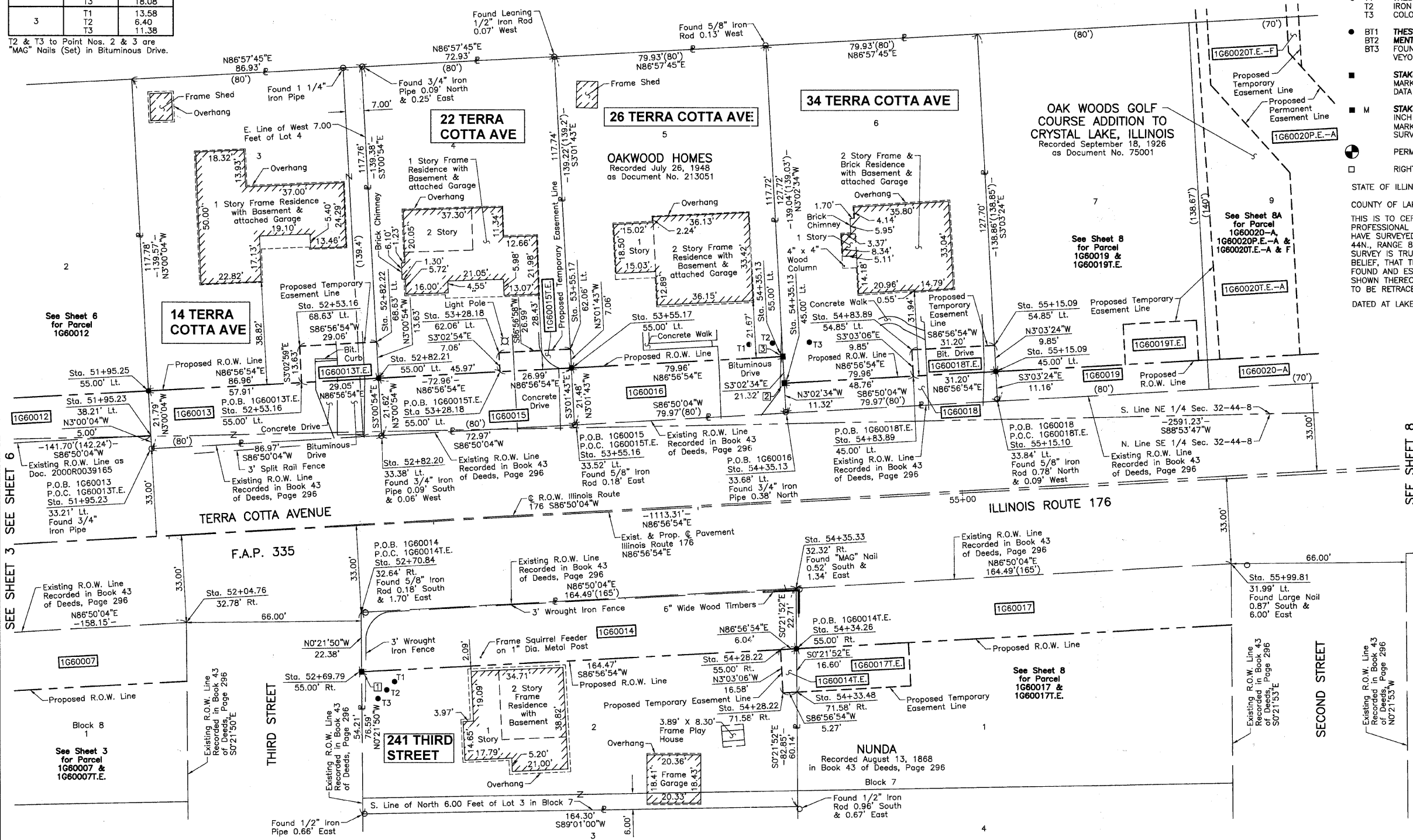
STATION	OFFSET	NORTH	EAST
51+95.23	33.21' Lt.	2,033,097.248	987,816.372
51+95.23	38.21' Lt.	2,033,102.241	987,816.110
51+95.25	55.00' Lt.	2,033,119.013	987,815.231
52+04.76	32.78' Rt.	2,033,031.868	987,829.403
52+53.16	55.00' Lt.	2,033,122.095	987,873.055
52+53.16	68.63' Lt.	2,033,135.705	987,872.330
52+69.79	55.00' Rt.	2,033,013.137	987,895.523
52+70.84	32.64' Rt.	2,033,035.517	987,895.381
52+82.20	33.38' Lt.	2,033,102.050	987,903.206
52+82.21	55.00' Lt.	2,033,123.642	987,902.068
52+82.22	68.63' Lt.	2,033,137.252	987,901.351
53+28.18	55.00' Lt.	2,033,126.089	987,947.975
53+28.18	62.06' Lt.	2,033,133.143	987,947.600

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.U. 0085 (WALKUP ROAD)
SECTION 00-00246-00-FP McHENRY COUNTY
PROJECT JOB NO. R-91-006-06
STATION 51+00 TO STATION 56+00
SCALE: 1"=20' SHEET 7 OF 74

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



REVISION DATE January 28, 2010

REVISION Ownership Parcels 1G60015 & 1G60018

MADE BY

RECORDING: RECORDED ON

AS DOCUMENT NO.

BY	DATE

MAKE CHECKED INKED

ROW PLAT

NOTEBOOK NO.

SEE SHEET 3

SEE SHEET 6

SEE SHEET 8

See Sheet 3 for Parcel 1G60007 & 1G60007T.E.

See Sheet 8 for Parcel 1G60017 & 1G60017T.E.

See Sheet 8 for Parcel 1G60018 & 1G60018T.E.

See Sheet 8 for Parcel 1G60019 & 1G60019T.E.

See Sheet 8 for Parcel 1G60020 & 1G60020T.E.

See Sheet 8 for Parcel 1G60020P.E.-A & 1G60020P.E.-A & F

See Sheet 8 for Parcel 1G60020T.E.-A & 1G60020T.E.-A & F

See Sheet 8 for Parcel 1G60019T.E.

See Sheet 8 for Parcel 1G60018T.E.

See Sheet 8 for Parcel 1G60019

See Sheet 8 for Parcel 1G60020-A

See Sheet 8 for Parcel 1G60019T.E.

See Sheet 8 for Parcel 1G60020-A

See Sheet 8 for Parcel 1G60019T.E.

See Sheet 8 for Parcel 1G60020-A

PART OF THE EAST 1/2 OF SEC. 32, 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 AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1G60017 1G60017T.E.	Last Chance House, Inc.	0.302	0.086	N/A	0.216	0.016	N/A	Driveway Construction	14-32-427-008	
1G60019 1G60019T.E.	Betina Currao and Dean Michael Currao, wife and husband	0.255	0.020	N/A	0.235	0.010	421	Driveway Construction	14-32-276-007	
1G60021 1G60021T.E.	Nancy Latz	0.267	0.021	N/A	0.246	0.003	115	Driveway Construction	14-32-277-001	
1G60022	Anthony Bellino	0.272	0.071	N/A	0.201	N/A	N/A	N/A	14-32-428-001	
1G60023 1G60023T.E.	Deborah Pera	0.266	0.020	N/A	0.246	0.003	119	Driveway Construction	14-32-277-002	

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
56+64.80	55.00' Rt.	2,033,034.165	988,289.976
56+65.03	34.14' Lt.	2,033,123.192	988,285.459
56+65.03	45.00' Lt.	2,033,134.035	988,284.875
56+65.89	31.86' Rt.	2,033,057.332	988,289.828
56+68.89	45.00' Lt.	2,033,134.240	988,288.732
56+68.89	50.38' Lt.	2,033,139.614	988,288.446
56+90.26	45.00' Lt.	2,033,135.378	988,310.070
56+90.26	50.38' Lt.	2,033,140.752	988,309.784
57+48.99	45.00' Lt.	2,033,138.504	988,368.718
57+49.00	34.31' Lt.	2,033,127.828	988,369.296
57+57.20	45.00' Lt.	2,033,138.942	988,376.916
57+57.20	49.70' Lt.	2,033,143.639	988,376.666
57+82.60	45.00' Lt.	2,033,140.294	988,402.280
57+82.60	49.70' Lt.	2,033,144.991	988,402.029
57+96.97	55.00' Rt.	2,033,041.201	988,421.960
57+98.07	31.59' Rt.	2,033,064.632	988,421.811
58+32.95	45.00' Lt.	2,033,142.974	988,452.561
58+32.96	34.48' Lt.	2,033,132.465	988,453.133

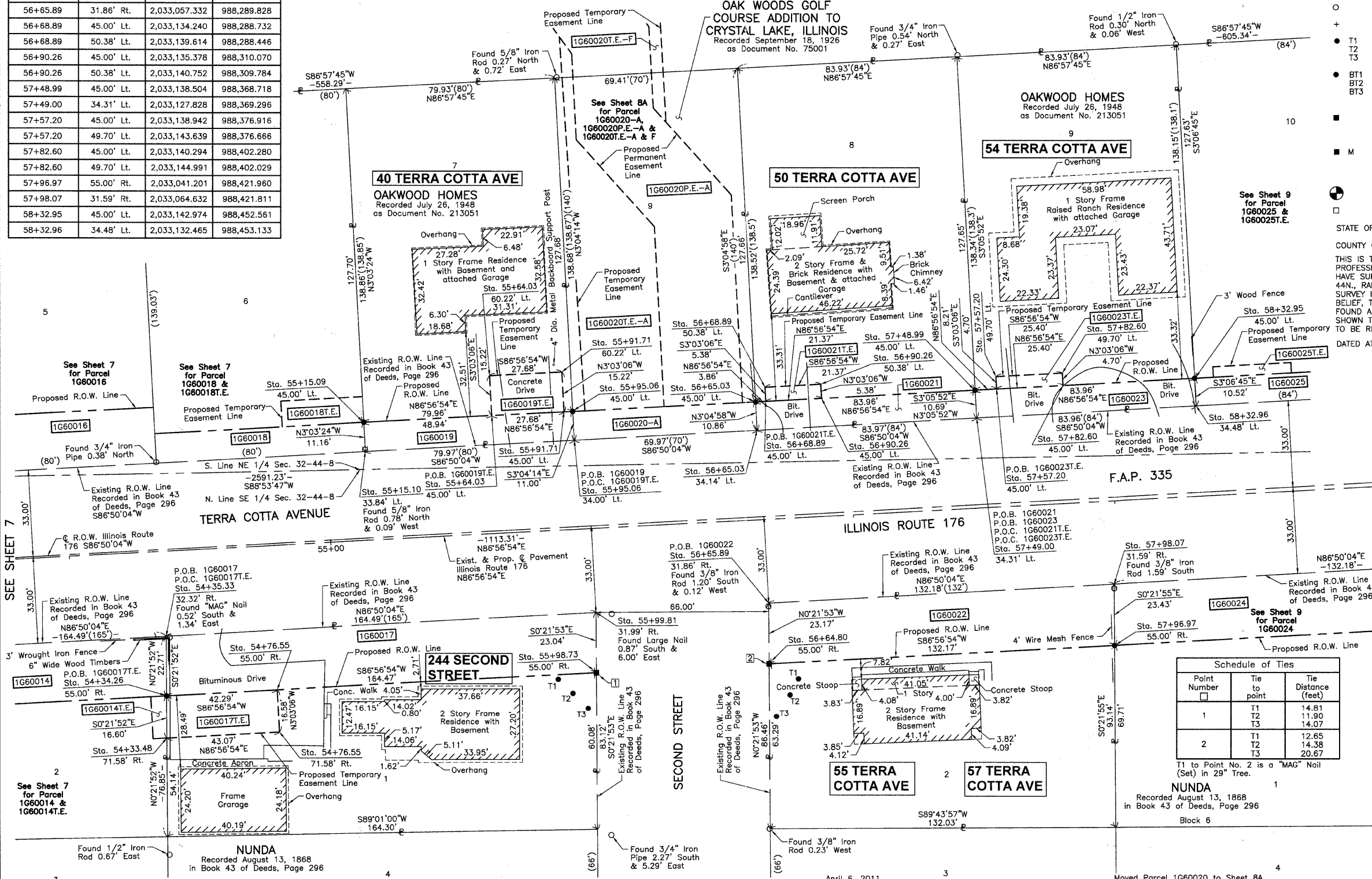
EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
1G60017	Book 43 of Deeds, Page 296	August 13, 1868
1G60019	Book 43 of Deeds, Page 296	August 13, 1868
1G60021	Book 43 of Deeds, Page 296	August 13, 1868
1G60022	Book 43 of Deeds, Page 296	August 13, 1868
---	Book 43 of Deeds, Page 296	August 13, 1868

LEGEND

SECTION CORNER 16
 QUARTER SECTION CORNER
 SECTION LINE
 QUARTER SECTION LINE
 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
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORD DATA
 EXISTING BUILDING
 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.
 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.
 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.

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (1997) East Zone, according to the H.A.R.N. Network.

SCALE: 1"=20'



BY	DATE	MADE	CHECKED	INKED	NOTEBOOK NO.

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 32, 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 ____ DAY OF _____ 20__ A.D.

STATE OF ILLINOIS)
 COUNTY OF LAKE)

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
54+33.48	71.58' Rt.	2,033,005.291	988,059.866
54+34.26	55.00' Rt.	2,033,021.892	988,059.760
54+35.33	32.32' Rt.	2,033,044.600	988,059.616
54+76.55	55.00' Rt.	2,033,024.143	988,101.990
54+76.55	71.58' Rt.	2,033,007.584	988,102.872
55+15.09	45.00' Lt.	2,033,126.053	988,135.155
55+15.10	33.84' Lt.	2,033,114.912	988,135.750
55+64.03	45.00' Lt.	2,033,128.659	988,184.027
55+64.03	60.22' Lt.	2,033,143.862	988,183.217
55+91.71	45.00' Lt.	2,033,130.132	988,211.666
55+91.71	60.22' Lt.	2,033,145.335	988,210.856
55+95.06	34.00' Lt.	2,033,119.328	988,215.595
55+95.06	45.00' Lt.	2,033,130.310	988,215.006
55+98.73	55.00' Rt.	2,033,030.648	988,223.997
55+99.81	31.99' Rt.	2,033,053.683	988,223.850

Schedule of Ties		
Point Number	Tie to point	Tie Distance (feet)
1	T1 T2 T3	14.81 11.90 14.07
2	T1 T2 T3	12.65 14.38 20.67

T1 to Point No. 2 is a "MAG" Nail (Set) in 29" Tree.

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

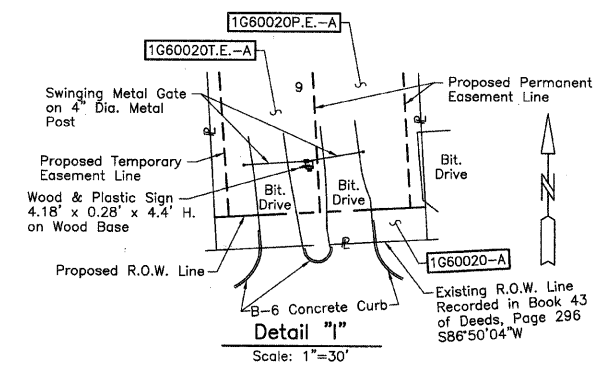
SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.U. 0085 (WALKUP ROAD)
 SECTION 00-00246-00-FP McHENRY COUNTY
 PROJECT JOB NO. R-91-006-06
 STATION 54+00 TO STATION 59+00
 SCALE: 1"=20' SHEET 8 OF 74

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

PART OF THE EAST 1/2 OF SEC. 32, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

Schedule of Ties		
Point Number	Tie to point	Tie Distance (feet)
1	T1	77.13
	T2	61.26
	T3	52.38
2	T1	45.68
	T2	40.24
	T3	48.69
3	T1	73.75
	T2	48.19
	T3	59.16
4	T1	37.32
	T2	14.31
	T3	47.59
5	T1	11.77
	T2	40.56
	T3	32.67
6	T1	41.67
	T2	55.40
	T3	35.46
7	T1	14.81
	T2	21.68
	T3	53.11
8	T1	
	T2	
	T3	
9	T1	
	T2	
	T3	
10	T1	35.77
	T2	38.69
	T3	57.49
11	T1	56.00
	T2	69.17
	T3	81.35
12	T1	41.07
	T2	74.28
	T3	56.59
13	T1	31.43
	T2	35.11
	T3	18.88
14	T1	50.99
	T2	16.93
	T3	30.23
15	T1	13.86
	T2	26.95
	T3	36.76
16	T1	34.11
	T2	7.26
	T3	16.88
17	T1	47.57
	T2	35.63
	T3	37.81



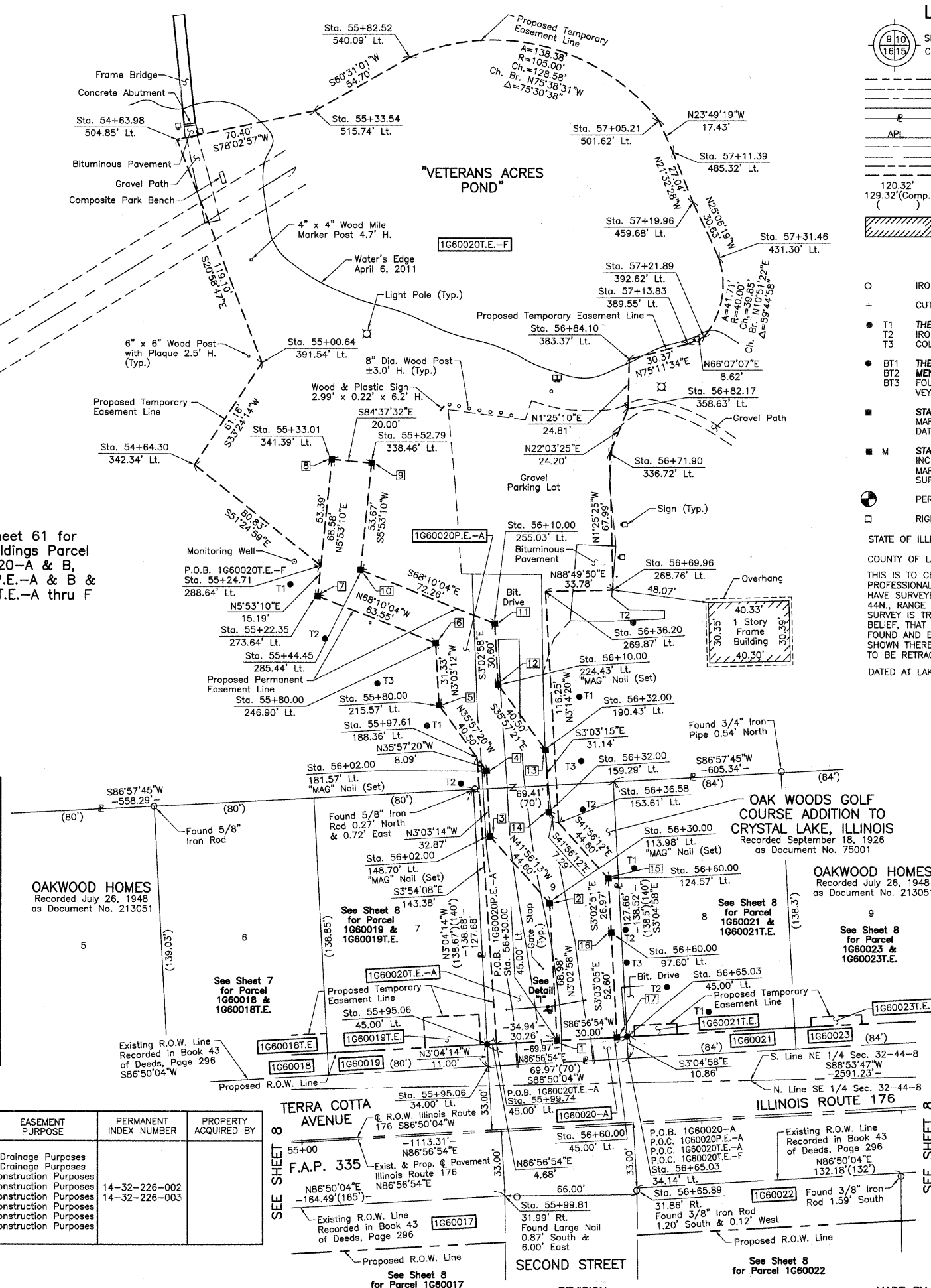
See Sheet 61 for Total Holdings Parcel 1G60020-A & B, 1G60020P.E.-A & B & 1G60020T.E.-A thru F

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
1G60020	Book 43 of Deeds, Page 296	August 13, 1868
1G60020	143160	December 6, 1939
---	Book 43 of Deeds, Page 296	August 13, 1868

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
55+97.61	188.36' Lt.	2,033,273.602	988,209.920
55+99.74	45.00' Lt.	2,033,130.559	988,219.677
55+99.81	31.99' Rt.	2,033,053.683	988,223.850
56+02.00	148.70' Lt.	2,033,234.235	988,216.419
56+02.00	181.57' Lt.	2,033,267.056	988,214.668
56+10.00	224.43' Lt.	2,033,310.280	988,220.375
56+10.00	255.03' Lt.	2,033,340.841	988,218.747
56+30.00	45.00' Lt.	2,033,132.170	988,249.898
56+30.00	113.98' Lt.	2,033,201.055	988,246.228
56+32.00	159.29' Lt.	2,033,246.408	988,245.813
56+32.00	190.43' Lt.	2,033,277.498	988,244.154
56+36.20	269.87' Lt.	2,033,357.048	988,244.119
56+36.58	153.61' Lt.	2,033,240.980	988,250.688
56+60.00	45.00' Lt.	2,033,133.767	988,279.856
56+60.00	97.60' Lt.	2,033,186.292	988,277.056

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
56+60.00	124.57' Lt.	2,033,213.226	988,275.622
56+65.03	34.14' Lt.	2,033,123.192	988,285.459
56+65.03	45.00' Lt.	2,033,134.035	988,284.875
56+65.89	31.86' Rt.	2,033,057.332	988,289.828
56+69.96	268.76' Lt.	2,033,357.737	988,277.896
56+71.90	336.72' Lt.	2,033,425.704	988,276.207
56+82.17	358.63' Lt.	2,033,448.133	988,285.295
56+84.10	383.37' Lt.	2,033,472.936	988,285.909
57+05.21	501.62' Lt.	2,033,592.147	988,300.694
57+11.39	485.32' Lt.	2,033,576.204	988,307.733
57+13.83	389.55' Lt.	2,033,480.697	988,315.268
57+19.96	459.68' Lt.	2,033,551.056	988,317.660
57+21.89	392.62' Lt.	2,033,484.187	988,323.149
57+31.46	431.30' Lt.	2,033,523.322	988,330.654

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1G60020-A 1G60020-B 1G60020P.E.-A 1G60020P.E.-B 1G60020T.E.-A 1G60020T.E.-B 1G60020T.E.-C 1G60020T.E.-D 1G60020T.E.-E 1G60020T.E.-F	Crystal Lake Park District, an Illinois Municipal Corporation	72.480	A=0.018 B=0.097	0.094	72.365	P.E.-A=0.212 P.E.-B=0.005 T.E.-A=0.066 T.E.-B=0.611 T.E.-C=0.134 T.E.-D=0.011 T.E.-E=0.016 T.E.-F=1.267	N/A 199 N/A N/A N/A N/A N/A N/A	Drainage Purposes Drainage Purposes Construction Purposes Construction Purposes Construction Purposes Construction Purposes Construction Purposes Construction Purposes	14-32-226-002 14-32-226-003	



LEGEND

SECTION CORNER 16 15 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
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA

EXISTING BUILDING

Scale: 1"=30'

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (1997) East Zone, according to the H.A.R.N. Network.

○ 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.
● 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 32, 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 _____ DAY OF _____ 20____ A.D.

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.

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
54+63.98	504.85' Lt.	2,033,582.533	988,059.639
54+64.30	342.34' Lt.	2,033,420.272	988,068.606
55+00.64	391.54' Lt.	2,033,471.333	988,102.279
55+22.35	273.64' Lt.	2,033,354.756	988,130.232
55+24.71	288.64' Lt.	2,033,369.863	988,131.790
55+33.01	341.39' Lt.	2,033,422.974	988,137.265
55+33.54	515.74' Lt.	2,033,597.110	988,128.511
55+44.45	285.44' Lt.	2,033,367.712	988,151.674
55+52.79	338.46' Lt.	2,033,421.101	988,157.178
55+80.00	215.57' Lt.	2,033,299.837	988,190.890
55+80.00	246.90' Lt.	2,033,331.124	988,189.221
55+82.52	540.09' Lt.	2,033,624.033	988,176.129
55+95.06	34.00' Lt.	2,033,119.328	988,215.595
55+95.06	45.00' Lt.	2,033,130.310	988,215.006

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.U. 0085 (WALKUP ROAD)

SECTION 00-00246-00-FP McHENRY COUNTY
PROJECT JOB NO. R-91-006-06
STATION 54+00 TO STATION 58+00
SCALE: 1"=30' SHEET 8A OF 74

PART OF THE EAST 1/2 OF SEC. 32, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	SQUARE FEET	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1G60024	Nancy L. Larsen	0.292	0.071	N/A	N/A	0.221	N/A	N/A	N/A	14-32-428-008	
1G60025 1G60025T.E.	ATG Trust Company, as Trustee under a trust agreement dated the 29th day of November, 2006, known as Trust Number L-006-136	0.266	0.020	N/A	N/A	0.246	0.003	118	Driveway Construction	14-32-277-003	
1G60026	Nina L. Martin	0.266	0.020	N/A	N/A	0.246	N/A	N/A	N/A	14-32-277-004	
1G60027	Gilbert Barkstrom	0.322	0.005	204	N/A	0.317	N/A	N/A	N/A	14-32-429-001	
1G60028	Cheryl Heiden	0.265	0.001	46	N/A	0.264	N/A	N/A	N/A	14-32-277-005	

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
1G60024	Book 43 of Deeds, Page 296	August 13, 1868
1G60025	Book 43 of Deeds, Page 296	August 13, 1868
1G60026	Book 43 of Deeds, Page 296	August 13, 1868
1G60027	Book 43 of Deeds, Page 296	August 13, 1868
1G60028	Book 43 of Deeds, Page 296	August 13, 1868
---	Book 43 of Deeds, Page 296	August 13, 1868

Schedule of Ties		
Point Number	Tie to point	Tie Distance (feet)
1	T1	14.79
	T2	10.19
	T3	6.02
2	T1	26.69
	T2	15.52
	T3	10.68
3	T1	13.31
	T2	22.70
	T3	32.80
4	T1	20.33
	T2	18.27
	T3	18.15
5	T1	11.85
	T2	8.20
	T3	8.53

LEGEND

SECTION CORNER 16 15 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 RIGHT OF WAY LINE
PROPOSED EASEMENT
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (1997) East Zone, according to the H.A.R.N. Network.

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 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 }

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 32, 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 ____ DAY OF ____ 20__ A.D.

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

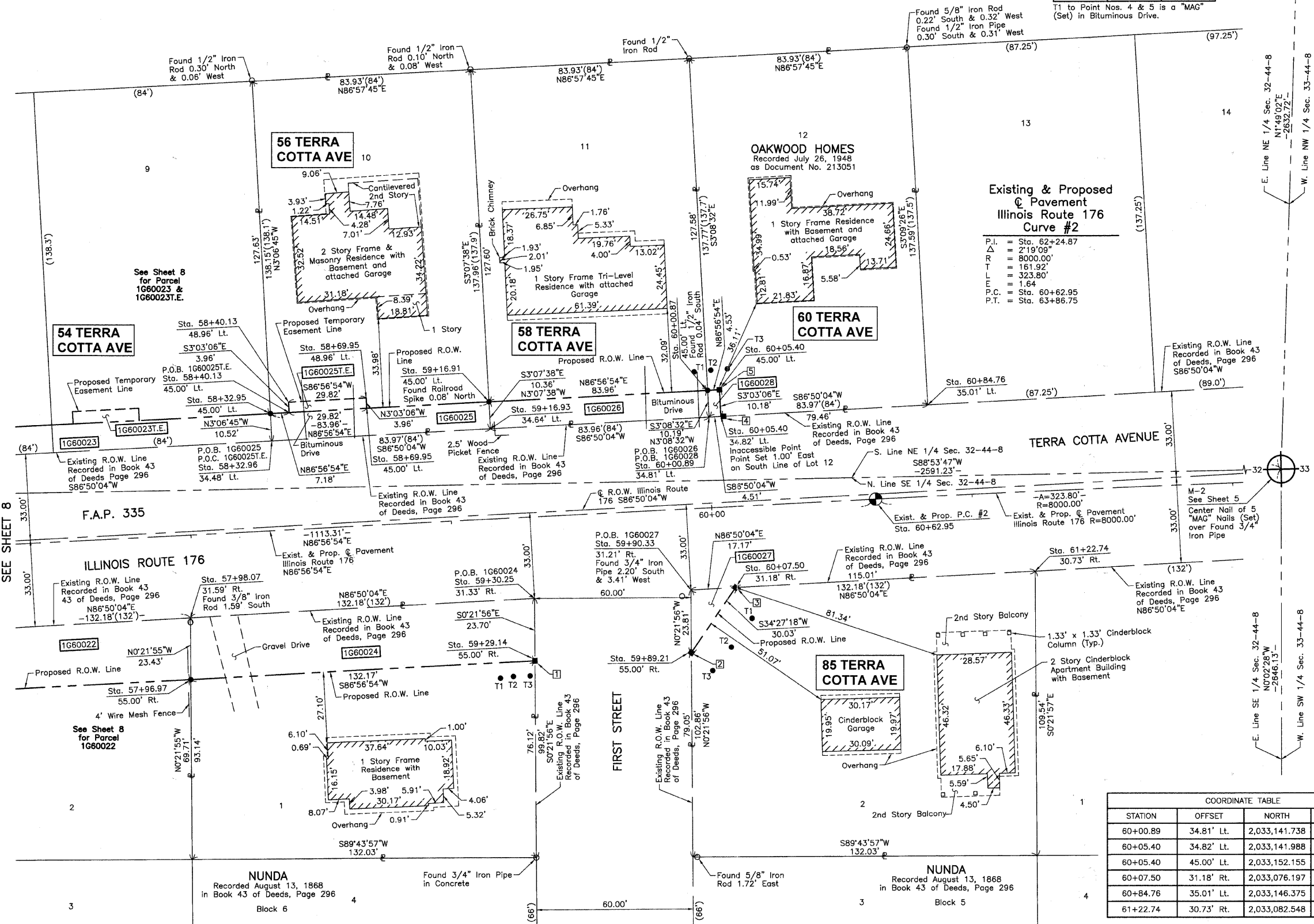
STATION	OFFSET	NORTH	EAST
57+96.97	55.00' Rt.	2,033,041.201	988,421.960
57+98.07	31.59' Rt.	2,033,064.632	988,421.811
58+32.95	45.00' Lt.	2,033,142.974	988,452.561
58+32.96	34.48' Lt.	2,033,132.465	988,453.133
58+40.13	45.00' Lt.	2,033,143.356	988,459.730
58+40.13	48.96' Lt.	2,033,147.312	988,459.519
58+69.95	45.00' Lt.	2,033,144.944	988,489.510
58+69.95	48.96' Lt.	2,033,148.900	988,489.299
59+16.91	45.00' Lt.	2,033,147.444	988,536.405
59+16.93	34.64' Lt.	2,033,137.102	988,536.970
59+29.14	55.00' Rt.	2,033,048.237	988,553.945
59+30.25	31.33' Rt.	2,033,071.931	988,553.793
59+89.21	55.00' Rt.	2,033,051.434	988,613.925
59+90.33	31.21' Rt.	2,033,075.249	988,613.774
60+00.87	45.00' Lt.	2,033,151.913	988,620.248

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.U. 0085 (WALKUP ROAD)
SECTION 00-00246-00-FP McHENRY COUNTY
PROJECT JOB NO. R-91-006-06
STATION 57+00 TO STATION 62+00
SCALE: 1"=20' SHEET 9 OF 74

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



BY	DATE	MADE	CHECKED	INDEXED	NOTEBOOK NO.

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
60+00.89	34.81' Lt.	2,033,141.738	988,620.806
60+05.40	34.82' Lt.	2,033,141.988	988,625.314
60+05.40	45.00' Lt.	2,033,152.155	988,624.772
60+07.50	31.18' Rt.	2,033,076.197	988,630.916
60+84.76	35.01' Lt.	2,033,146.375	988,704.643
61+22.74	30.73' Rt.	2,033,082.548	988,745.756

PART OF THE NE 1/4 OF SEC. 32, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

PARK VIEW ESTATES
Recorded April 10, 1979
as Document No. 764661

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 RIGHT OF WAY LINE
 - PROPOSED EASEMENT
 - MEASURED DIMENSION
 - COMPUTED DIMENSION
 - RECORD DATA
 - EXISTING BUILDING
- O 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 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.
 ● 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.

Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	21.16
	T2	33.57
	T3	38.19
2	T1	12.51
	T2	15.46
	T3	20.85

T1 to Point No. 1 is a "MAG" Nail (Set) in 4" Tree.
T2 & T3 to Point No. 1 are "MAG" Nails (Set) in Bituminous Drive.

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
53+95.65	50.00' Lt.	2,033,449.882	987,575.298
54+23.34	50.00' Lt.	2,033,477.574	987,575.445
54+23.38	54.18' Lt.	2,033,477.633	987,571.270
54+57.91	50.00' Lt.	2,033,512.144	987,575.630
54+58.15	40.09' Lt.	2,033,512.335	987,585.540
54+59.10	1.58' Lt.	2,033,513.077	987,624.059
55+20.49	70.00' Rt.	2,033,574.085	987,695.961
55+20.49	90.00' Rt.	2,033,573.978	987,715.961
55+27.92	50.40' Lt.	2,033,582.156	987,575.600
55+88.44	70.00' Rt.	2,033,642.031	987,696.323
56+81.03	47.06' Lt.	2,033,734.498	987,579.026
56+81.12	39.32' Lt.	2,033,734.669	987,586.756
57+76.67	37.01' Lt.	2,033,829.609	987,587.276
57+89.98	70.00' Rt.	2,033,845.975	987,693.867

Existing & Proposed Pavement Walkup Road Curve #1

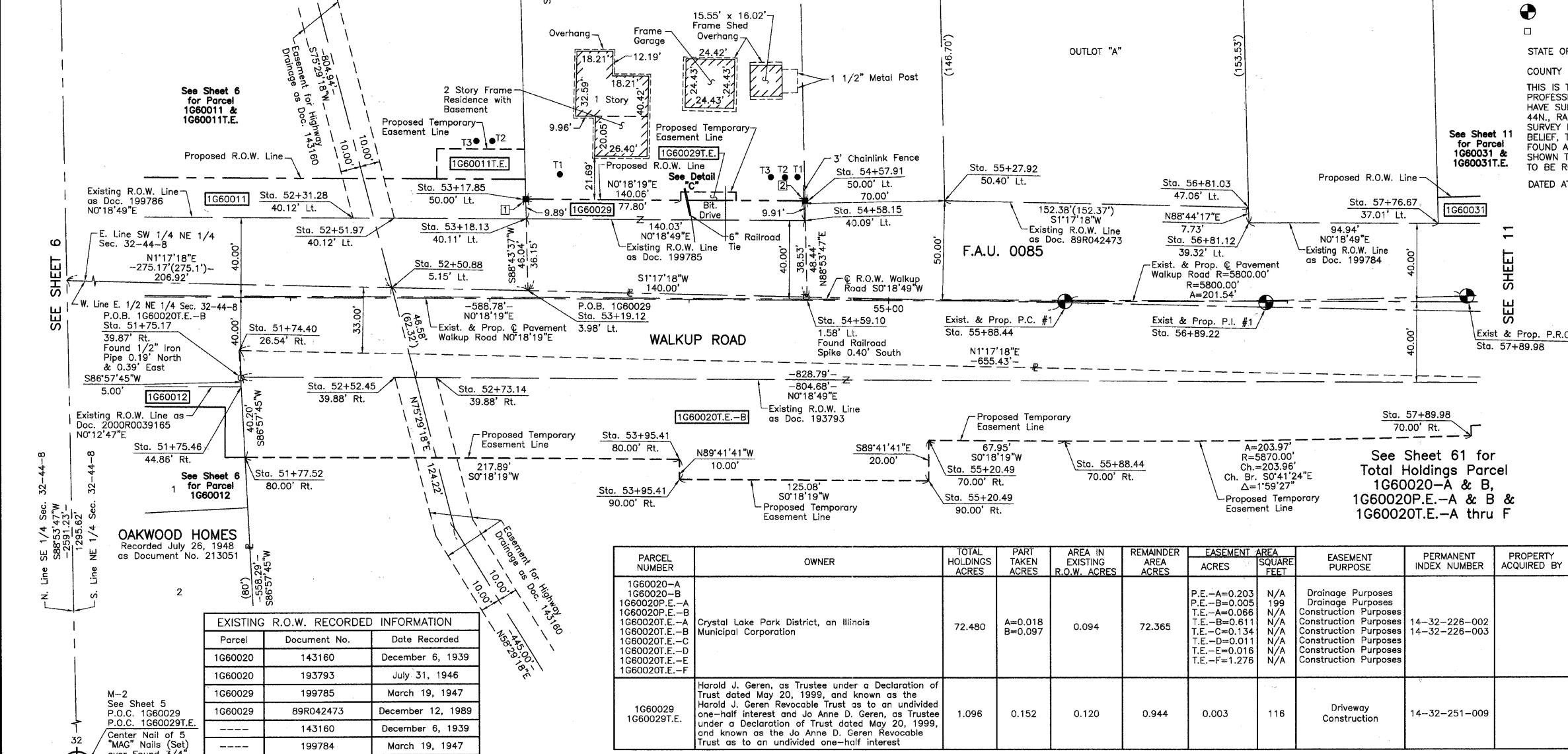
P.I. = Sta. 56+89.22
 Δ = 1°59'27"
 R = 5800.00'
 L = 100.78'
 T = 201.54'
 P.C. = Sta. 55+88.44
 P.R.C. = Sta. 57+89.98

Detail "C"

Scale: 1"=20'

300 WALKUP ROAD

DATE	BY	MADE	CHECKED	INKED	NO.



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
51+74.40	26.54' Rt.	2,033,228.226	987,650.662
51+75.17	39.87' Rt.	2,033,228.933	987,663.990
51+75.46	44.86' Rt.	2,033,229.198	987,668.983
51+77.52	80.00' Rt.	2,033,231.063	987,704.134
52+31.28	40.12' Lt.	2,033,285.469	987,584.299
52+50.88	5.15' Lt.	2,033,304.878	987,619.377
52+51.97	40.12' Lt.	2,033,306.158	987,584.412
52+52.45	39.88' Rt.	2,033,306.206	987,664.413
52+73.14	39.88' Rt.	2,033,326.894	987,664.526
53+17.85	50.00' Lt.	2,033,372.090	987,574.883
53+18.13	40.11' Lt.	2,033,372.309	987,584.774
53+19.12	3.98' Lt.	2,033,373.112	987,620.912
53+95.41	80.00' Rt.	2,033,448.951	987,705.295
53+95.41	90.00' Rt.	2,033,448.897	987,715.294
53+95.63	54.18' Lt.	2,033,449.882	987,571.122

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1G60020	143160	December 6, 1939
1G60020	193793	July 31, 1946
1G60029	199785	March 19, 1947
1G60029	89R042473	December 12, 1989
-----	143160	December 6, 1939
-----	199784	March 19, 1947
-----	199786	March 19, 1947
-----	89R042473	December 12, 1989
-----	200R0039165	July 21, 2000

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1G60020-A 1G60020-B 1G60020P.E.-A 1G60020P.E.-B 1G60020T.E.-A 1G60020T.E.-B 1G60020T.E.-C 1G60020T.E.-D 1G60020T.E.-E 1G60020T.E.-F	Crystal Lake Park District, an Illinois Municipal Corporation	72.480	A=0.018 B=0.097	0.094	72.365	P.E.-A=0.203 P.E.-B=0.005 T.E.-A=0.066 T.E.-B=0.611 T.E.-C=0.134 T.E.-D=0.011 T.E.-E=0.016 T.E.-F=1.276	N/A 199 N/A N/A N/A N/A N/A N/A	Drainage Purposes Drainage Purposes Construction Purposes Construction Purposes Construction Purposes Construction Purposes Construction Purposes Construction Purposes	14-32-226-002 14-32-226-003	
1G60029	Harold J. Geren, as Trustee under a Declaration of Trust dated May 20, 1999, and known as the Harold J. Geren Revocable Trust as to an undivided one-half interest and Jo Anne D. Geren, as Trustee under a Declaration of Trust dated May 20, 1999, and known as the Jo Anne D. Geren Revocable Trust as to an undivided one-half interest	1.096	0.152	0.120	0.944	0.003	116	Driveway Construction	14-32-251-009	

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

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.U. 0085 (WALKUP ROAD)
 SECTION 00-00246-00-FP McHENRY COUNTY
 PROJECT JOB NO. R-91-006-06
 STATION 51+00 TO STATION 58+00
 SCALE: 1"=30' SHEET 10 OF 74

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

PART OF THE NE 1/4 OF SEC. 32, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

WALKUP AT THE PARK UNIT TWO
Recorded February 26, 2002
as Document No. 2002R0018786
OUTLOT 1003

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
59+21.54	12.94' Rt.	2,033,975.540	987,634.458
59+79.84	46.97' Lt.	2,034,033.600	987,668.394
59+80.08	50.01' Lt.	2,034,034.166	987,571.414
59+80.19	65.00' Rt.	2,034,033.889	987,686.422
59+80.50	33.52' Lt.	2,034,034.529	987,587.899
60+04.06	6.98' Rt.	2,034,057.931	987,628.526
60+04.07	46.98' Rt.	2,034,057.712	987,668.525
60+96.23	50.00' Lt.	2,034,150.588	987,572.222
60+96.73	33.79' Lt.	2,034,150.945	987,588.440
60+96.75	33.04' Lt.	2,034,150.962	987,589.185

Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	19.96
	T2	21.98
	T3	26.79
2	T1	17.32
	T2	16.97
	T3	17.60
3	T1	7.27
	T2	8.52
	T3	10.02
4	T1	19.08
	T2	15.91
	T3	11.24

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1G60020	193793	July 31, 1946
1G60031	199784	March 19, 1947
1G60031	764661	April, 10, 1979
1G60032	764661	April, 10, 1979
----	199784	March 19, 1947

Existing & Proposed Pavement Walkup Road Curve #1

P.I. = Sta. 56+89.22
 Δ = 1°59'27"
 R = 5800.00'
 T = 100.78'
 L = 201.94'
 E = 0.88'
P.C. = Sta. 55+88.44
P.T. = Sta. 57+89.98

Existing & Proposed Pavement Walkup Road Curve #2

P.I. = Sta. 58+90.69
 Δ = 1°59'27"
 R = 5796.18'
 T = 100.71'
 L = 201.40'
 E = 0.88'
P.R.C. = Sta. 57+89.98
P.C.C. = Sta. 59+91.38

Existing & Proposed Pavement Walkup Road Curve #3

P.I. = Sta. 65+79.82
 Δ = 2°20'00"
 R = 28894.61'
 T = 588.44'
 L = 1176.71'
 E = 5.99'
P.C.C. = Sta. 59+91.38
P.T. = Sta. 71+68.09

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
						SQUARE FEET	ACRES			
1G60020-A 1G60020-B 1G60020P.E.-A 1G60020P.E.-B 1G60020T.E.-A 1G60020T.E.-B 1G60020T.E.-C 1G60020T.E.-D 1G60020T.E.-E 1G60020T.E.-F	Crystal Lake Park District, an Illinois Municipal Corporation	72.480	A=0.018 B=0.097	0.094	72.365	P.E.-A=0.203 P.E.-B=0.005 T.E.-A=0.066 T.E.-B=0.611 T.E.-C=0.134 T.E.-D=0.011 T.E.-E=0.016 T.E.-F=1.276	N/A N/A N/A N/A N/A N/A N/A	Drainage Purposes Drainage Purposes Construction Purposes Construction Purposes Construction Purposes Construction Purposes Construction Purposes	14-32-226-002 14-32-226-003	
1G60031 1G60031T.E.	Lawrence J. Marcinek and Janice J. Marcinek, his wife, in joint tenancy	1.227	0.200	0.150	1.027	0.011	N/A	Driveway Construction	14-32-251-007	
1G60032	Jeffrey J. Wozny, a married person	0.464	0.044	N/A	0.420	N/A	N/A	N/A	14-32-252-008	

DATE	BY	MADE	CHECKED	INKED	NOTEBOOK NO.

10 TALISMON DRIVE

14 PARK VIEW AVENUE

350 WALKUP ROAD

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 RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (1997) East Zone, according to the H.A.R.N. Network.

0 IRON PIPE OR ROD FOUND 16 "MAG" NAIL SET
 + CUT CROSS FOUND OR SET 15 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.

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 32, 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 ____ DAY OF ____ 20__ A.D.

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
57+76.44	6.92' Rt.	2,033,830.577	987,631.199
57+76.67	37.01' Lt.	2,033,829.609	987,587.276
57+76.73	50.00' Lt.	2,033,829.323	987,574.290
57+89.98	50.00' Lt.	2,033,842.446	987,573.919
57+89.98	65.00' Rt.	2,033,845.828	987,688.869
57+89.98	70.00' Rt.	2,033,845.975	987,693.867
58+27.75	9.45' Rt.	2,033,881.892	987,632.353
58+28.59	42.52' Rt.	2,033,883.490	987,665.397
58+90.56	50.00' Lt.	2,033,943.872	987,571.814
58+90.56	71.73' Lt.	2,033,943.612	987,550.083
59+12.29	71.73' Lt.	2,033,965.611	987,549.859
59+12.37	50.00' Lt.	2,033,965.871	987,571.590
59+20.58	50.00' Lt.	2,033,974.154	987,571.528
59+20.83	33.46' Lt.	2,033,974.518	987,588.069

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.U. 0085 (WALKUP ROAD)

SECTION 00-00246-00-FP McHENRY COUNTY
 PROJECT JOB NO. R-91-006-06
 STATION 57+00 TO STATION 61+00
 SCALE: 1"=20' SHEET 11 OF 74

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

REVISION DATE April 6, 2011

REVISION Configuration Parcel 1G60020T.E.-A, Added Parcels 1G60020P.E.-A & B & 1G60020T.E.-F

MADE BY

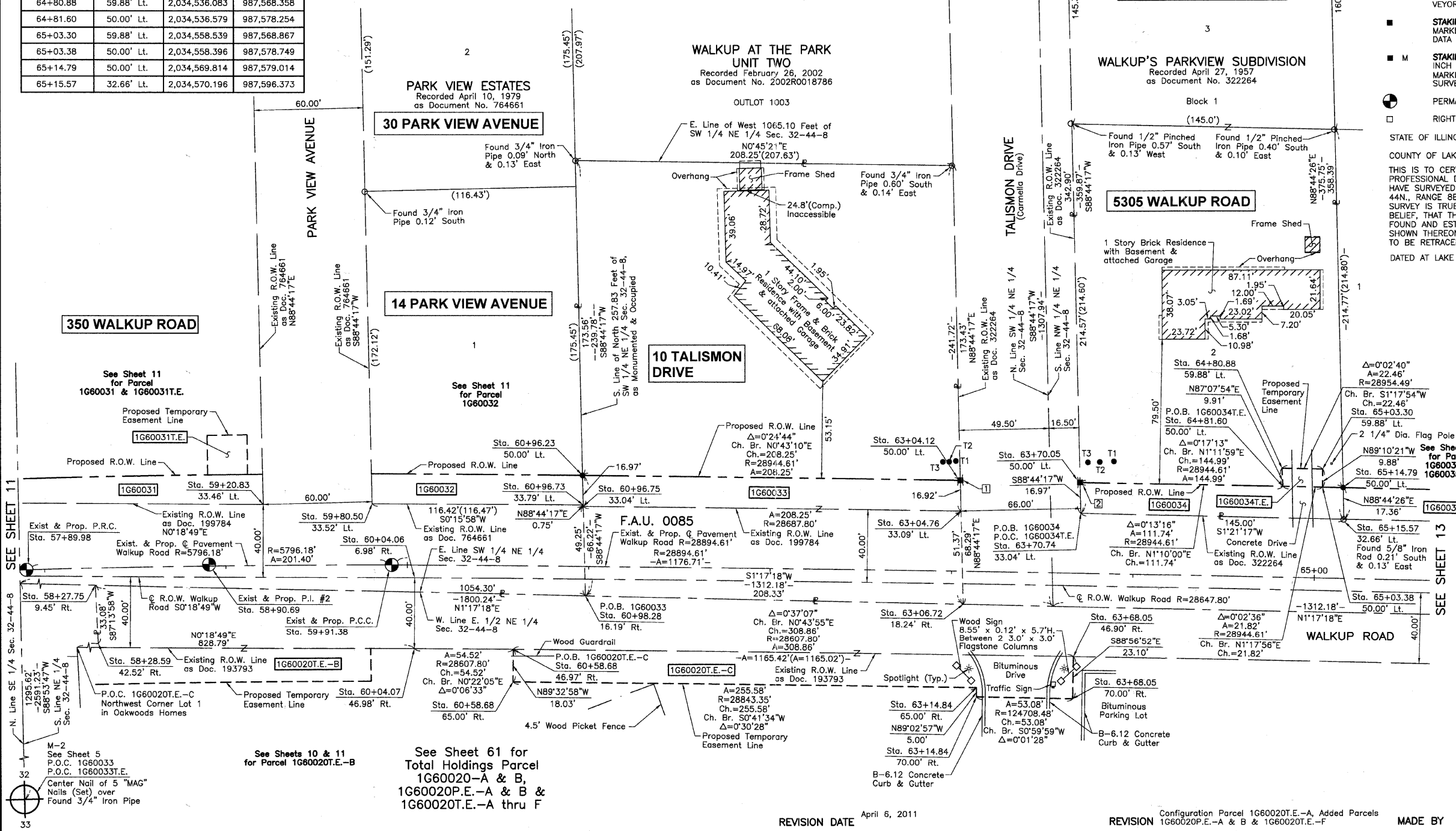
PART OF THE NE 1/4 OF SEC. 32, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
						ACRES	SQUARE FEET			
1G60020-A 1G60020-B 1G60020P.E.-A 1G60020P.E.-B 1G60020T.E.-A 1G60020T.E.-B 1G60020T.E.-C 1G60020T.E.-D 1G60020T.E.-E 1G60020T.E.-F	Crystal Lake Park District, an Illinois Municipal Corporation	72.480	A=0.018 B=0.097	0.094	72.365	P.E.-A=0.203 P.E.-B=0.005 T.E.-A=0.066 T.E.-B=0.611 T.E.-C=0.134 T.E.-D=0.011 T.E.-E=0.016 T.E.-F=1.276	N/A 199 N/A N/A N/A N/A N/A N/A	Drainage Purposes Drainage Purposes Construction Purposes Construction Purposes Construction Purposes Construction Purposes Construction Purposes	14-32-226-002 14-32-226-003	
1G60033	Steven Lutter and Kathryn Lutter, husband and wife, not in tenancy in common and not in joint tenancy, but in tenancy by the entirety	1.150	0.322	0.241	0.828	N/A N/A	N/A N/A	N/A	14-32-251-006	
1G60034 1G60034T.E.	Robert E. Syversen and Barbara A. Syversen, in joint tenancy	1.248	0.057	N/A	1.191	0.005 219	N/A N/A	Driveway Construction	14-32-203-004	

STATION	OFFSET	NORTH	EAST
63+04.76	33.09' Lt.	2,034,359.192	987,591.754
63+06.72	18.24' Rt.	2,034,360.324	987,643.111
63+14.84	65.00' Rt.	2,034,367.657	987,689.996
63+14.84	70.00' Rt.	2,034,367.574	987,694.996
63+68.05	46.90' Rt.	2,034,421.078	987,672.822
63+68.05	70.00' Rt.	2,034,420.653	987,695.922
63+70.05	50.00' Lt.	2,034,424.861	987,575.979
63+70.74	33.04' Lt.	2,034,425.234	987,592.945
64+80.88	59.88' Lt.	2,034,536.083	987,568.358
64+81.60	50.00' Lt.	2,034,536.579	987,578.254
65+03.30	59.88' Lt.	2,034,558.539	987,568.867
65+03.38	50.00' Lt.	2,034,558.396	987,578.749
65+14.79	50.00' Lt.	2,034,569.814	987,579.014
65+15.57	32.66' Lt.	2,034,570.196	987,596.373

Existing & Proposed Pavement Walkup Road Curve #2		Existing & Proposed Pavement Walkup Road Curve #3	
P.I. = Sta. 58+90.69	P.I. = Sta. 65+79.82	$\Delta = 179.27^\circ$	$\Delta = 220.00^\circ$
R = 5796.18'	R = 28894.61'	T = 100.71'	T = 588.44'
L = 201.40'	L = 1176.71'	E = 0.88'	E = 5.99'
P.R.C. = Sta. 57+89.98	P.C.C. = Sta. 59+91.38	P.C.C. = Sta. 57+89.98	P.C.C. = Sta. 59+91.38
P.C.C. = Sta. 59+91.38	P.T. = Sta. 71+68.09		

Parcel	Document No.	Date Recorded
1G60020	193793	July 31, 1946
1G60033	199784	March 19, 1947
1G60033	322264	April 27, 1957
1G60034	322264	April 27, 1957
-----	199784	March 19, 1947
-----	322264	April 27, 1957
-----	764661	April 10, 1979



LEGEND

SECTION CORNER 16 15 QUARTER SECTION CORNER

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

APL APPARENT PROPERTY LINE
C.E.L. CENTER LINE
E.R.W.L. EXISTING RIGHT OF WAY LINE
P.R.W.L. PROPOSED RIGHT OF WAY LINE
P.E. PROPOSED EASEMENT
M.D. MEASURED DIMENSION
C.D. COMPUTED DIMENSION
R.D. RECORD DATA

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (1997) East Zone, according to the H.A.R.N. Network.

SCALE: 1"=30'

IRON PIPE OR ROD FOUND (O) "MAG" NAIL SET (M)
CUT CROSS FOUND OR SET (+) 5/8" REBAR SET (R)

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.

STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH IRON 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.

Point Number	Tie to point	Tie Distance (feet)
1	T1	10.83
	T2	11.79
	T3	13.93
2	T1	21.93
	T2	15.59
	T3	11.78

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 32, 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 ____ DAY OF _____ 20__ A.D.

NOTE: SURFACE COORDINATES ARE SHOWN.

STATION	OFFSET	NORTH	EAST
58+27.75	9.45' Rt.	2,033,881.892	987,632.353
58+28.59	42.52' Rt.	2,033,883.490	987,665.397
59+20.83	33.46' Lt.	2,033,974.518	987,588.069
59+80.50	33.52' Lt.	2,034,034.529	987,587.899
60+04.06	6.98' Rt.	2,034,057.931	987,628.526
60+04.07	46.98' Rt.	2,034,057.712	987,668.525
60+58.68	46.97' Rt.	2,034,112.235	987,668.876
60+58.68	65.00' Rt.	2,034,112.093	987,686.906
60+96.23	50.00' Lt.	2,034,150.588	987,572.222
60+96.73	33.79' Lt.	2,034,150.945	987,588.440
60+96.75	33.04' Lt.	2,034,150.962	987,589.185
60+98.28	16.19' Rt.	2,034,152.046	987,638.428
63+04.12	50.00' Lt.	2,034,358.820	987,574.837

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.U. 0085 (WALKUP ROAD)
SECTION 00-00246-00-FP McHENRY COUNTY
PROJECT JOB NO. R-91-006-06
STATION 58+00 TO STATION 66+00
SCALE: 1"=30' SHEET 12 OF 74

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

ROW PLAT MADE CHECKED INKED NOTEBOOK NO.

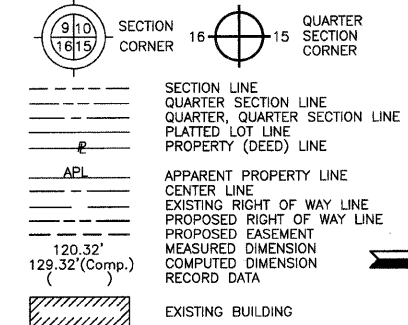
PART OF THE NE 1/4 OF SEC. 32, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

WALKUP AT THE PARK UNIT THREE

Recorded September 25, 2002 as Document No. 2002R0085374 Corrected by Certificate of Correction Recorded January 22, 2003 as Document No. 2003R009235

M-3 See Sheet 14 P.O.C. 1G60036 P.O.C. 1G60036T.E. Found 1 1/2" Iron Pipe

LEGEND



Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (1987) East Zone, according to the H.A.R.N. Network.

- 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)
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 32, 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 ____ 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.

STATION	OFFSET	NORTH	EAST
65+14.79	50.00' Lt.	2,034,569.814	987,579.014
65+15.57	32.66' Lt.	2,034,570.196	987,596.373
65+34.65	50.00' Lt.	2,034,589.707	987,579.488
65+48.02	83.08' Lt.	2,034,603.910	987,546.743
65+54.66	125.09' Lt.	2,034,611.608	987,504.916
65+60.57	50.00' Lt.	2,034,615.664	987,580.126
65+76.55	80.14' Lt.	2,034,632.435	987,550.399
65+83.43	125.10' Lt.	2,034,640.494	987,505.635
66+59.56	50.00' Lt.	2,034,714.784	987,582.777
66+60.06	40.00' Lt.	2,034,715.003	987,592.787
66+60.40	33.15' Lt.	2,034,715.154	987,599.647
66+60.41	32.99' Lt.	2,034,715.157	987,599.801
66+63.00	18.27' Rt.	2,034,716.283	987,651.116

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

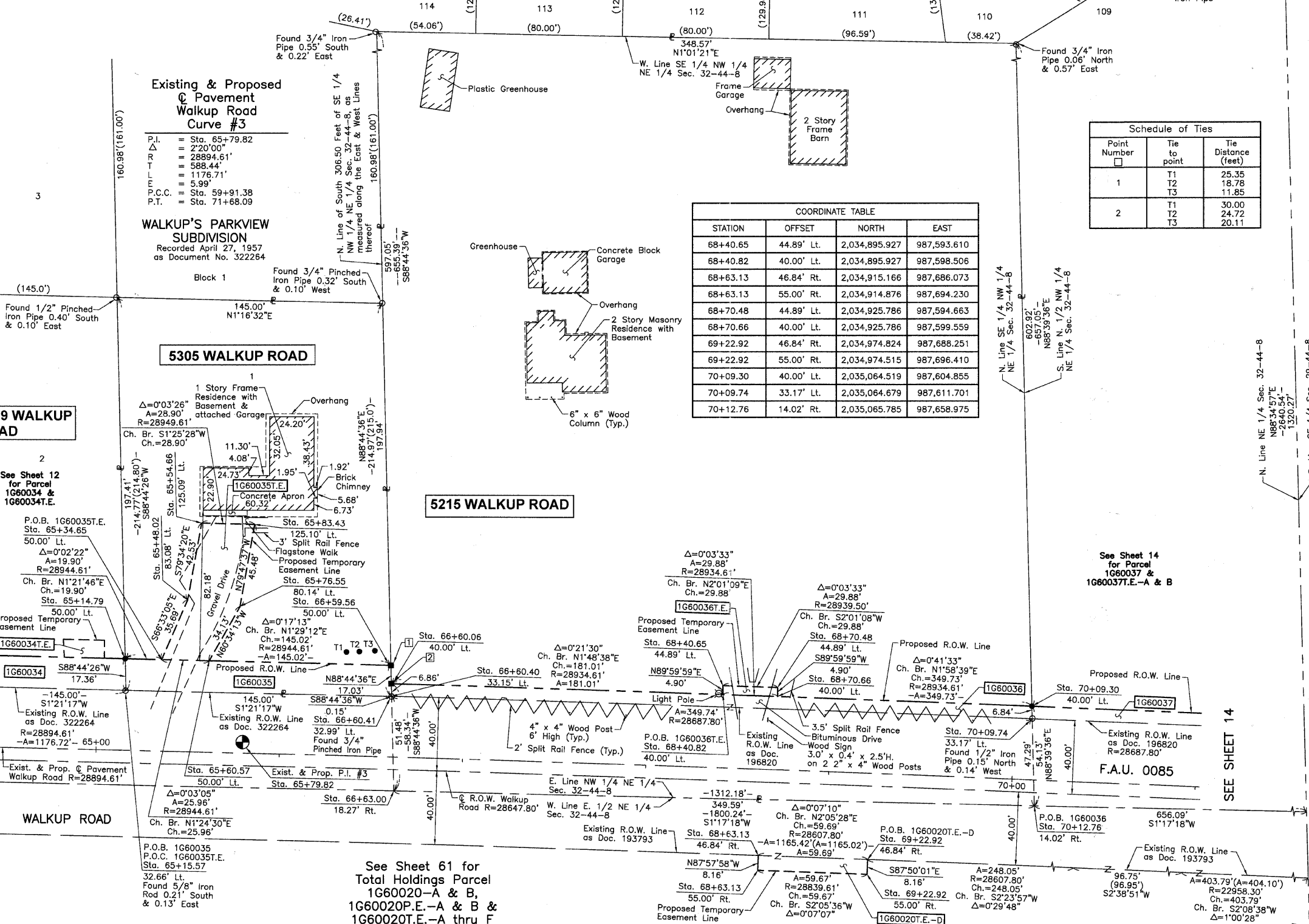
PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.U. 0085 (WALKUP ROAD)
SECTION 00-00246-00-FP McHENRY COUNTY
PROJECT JOB NO. R-91-006-06
STATION 65+00 TO STATION 71+00
SCALE: 1"=30' SHEET 13 OF 74

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

STATION	OFFSET	NORTH	EAST
68+40.65	44.89' Lt.	2,034,895.927	987,593.610
68+40.82	40.00' Lt.	2,034,895.927	987,598.506
68+63.13	46.84' Rt.	2,034,915.166	987,686.073
68+63.13	55.00' Rt.	2,034,914.876	987,694.230
68+70.48	44.89' Lt.	2,034,925.786	987,594.663
68+70.66	40.00' Lt.	2,034,925.786	987,599.559
69+22.92	46.84' Rt.	2,034,974.824	987,688.251
69+22.92	55.00' Rt.	2,034,974.515	987,696.410
70+09.30	40.00' Lt.	2,035,064.519	987,604.855
70+09.74	33.17' Lt.	2,035,064.679	987,611.701
70+12.76	14.02' Rt.	2,035,065.785	987,658.975

Point Number	Tie to point	Tie Distance (feet)
1	T1	25.35
	T2	18.78
	T3	11.85
2	T1	30.00
	T2	24.72
	T3	20.11

SEE SHEET 12
SEE SHEET 14



Existing & Proposed Pavement Walkup Road Curve #3
P.I. = Sta. 65+79.82
P.C. = Sta. 65+79.82
P.T. = Sta. 71+68.09

WALKUP'S PARKVIEW SUBDIVISION
Recorded April 27, 1957 as Document No. 322264

5309 WALKUP ROAD

See Sheet 12 for Parcel 1G60034 & 1G60034T.E.

5215 WALKUP ROAD

See Sheet 14 for Parcel 1G60037 & 1G60037T.E.-A & B

See Sheet 61 for Total Holdings Parcel 1G60020-A & B, 1G60020P.E.-A & B & 1G60020T.E.-A thru F

DATE	BY	MADE	CHECKED	INKED	NOTEBOOK NO.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1G60020-A 1G60020-B 1G60020P.E.-A 1G60020T.E.-A 1G60020T.E.-B 1G60020T.E.-C 1G60020T.E.-D 1G60020T.E.-E 1G60020T.E.-F	Crystal Lake Park District, an Illinois Municipal Corporation	72.480	A=0.018 B=0.097	0.094	72.365	P.E.-A=0.203 P.E.-B=0.005 T.E.-A=0.066 T.E.-B=0.611 T.E.-C=0.134 T.E.-D=0.011 T.E.-E=0.016 T.E.-F=1.276	N/A 199 N/A N/A N/A N/A N/A	Drainage Purposes Drainage Purposes Construction Purposes Construction Purposes Construction Purposes Construction Purposes Construction Purposes	14-32-226-002 14-32-226-003	
1G60035 1G60035T.E.	Lawrence P. Robbins and Marcia L. Robbins, in joint tenancy	0.715	0.057	N/A	0.658	0.049	N/A	Driveway Construction	14-32-203-003	
1G60036 1G60036T.E.	Michael J. Walkup and Carolyn M. Walkup, husband and wife as Tenants by the Entirety	5.254	0.454	0.399	4.800	0.003	146	Driveway Construction	14-32-201-008	

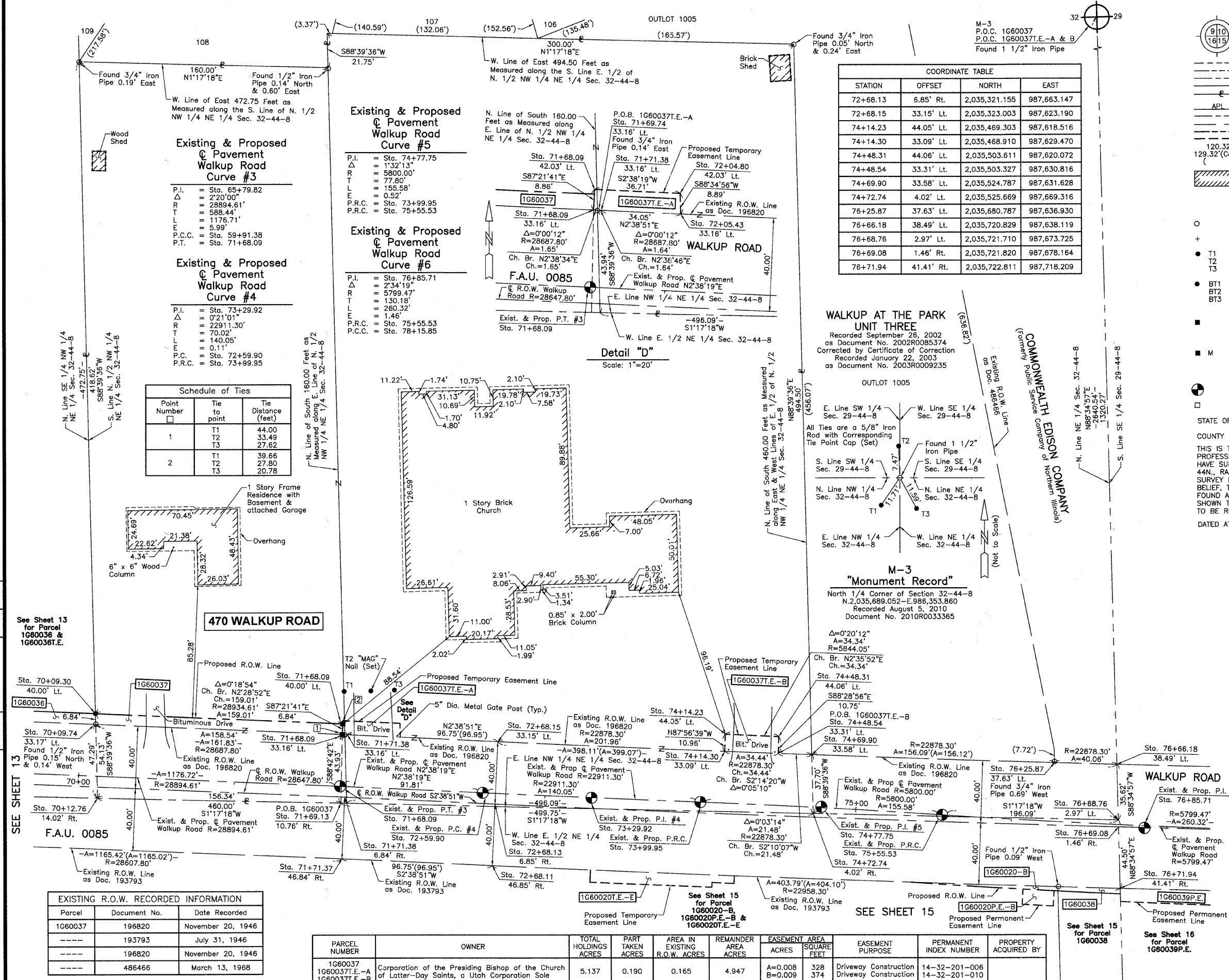
Parcel	Document No.	Date Recorded
1G60020	193793	July 31, 1946
1G60035	322264	April 27, 1957
1G60036	196820	November 20, 1946
-----	196820	November 20, 1946
-----	322264	April 27, 1957

REVISION DATE April 6, 2011

REVISION Configuration Parcel 1G60020T.E.-A, Added Parcels 1G60020P.E.-A & B & 1G60020T.E.-F

MADE BY

PART OF THE NE 1/4 OF SEC. 32, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.



LEGEND

SECTION CORNER 16 15 QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
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
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (1997) East Zone, according to the H.A.R.N. Network.

○ 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)

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 32, 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 ____ 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.

STATION	OFFSET	NORTH	EAST
70+09.30	40.00' Lt.	2,035,064.519	987,604.855
70+09.74	33.17' Lt.	2,035,064.679	987,611.701
70+12.76	14.02' Rt.	2,035,065.785	987,658.975
71+68.09	33.16' Lt.	2,035,223.069	987,618.569
71+68.09	40.00' Lt.	2,035,223.384	987,611.739
71+68.09	42.03' Lt.	2,035,223.477	987,609.715
71+69.13	10.76' Rt.	2,035,222.081	987,662.490
71+69.74	33.16' Lt.	2,035,224.717	987,618.645
71+71.38	6.84' Rt.	2,035,224.509	987,698.635
71+71.38	33.16' Lt.	2,035,226.354	987,618.720
72+04.80	42.03' Lt.	2,035,260.147	987,611.405
72+05.43	33.16' Lt.	2,035,260.367	987,620.293
72+68.11	46.85' Rt.	2,035,319.308	987,703.104

Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	44.00
	T2	33.49
	T3	27.62
2	T1	39.66
	T2	27.80
	T3	20.78

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
72+68.13	6.85' Rt.	2,035,321.155	987,663.147
72+68.15	33.15' Lt.	2,035,323.003	987,623.190
74+14.23	44.05' Lt.	2,035,469.303	987,618.516
74+14.30	33.09' Lt.	2,035,468.910	987,629.470
74+48.31	44.06' Lt.	2,035,503.611	987,620.072
74+48.54	33.31' Lt.	2,035,503.327	987,630.816
74+69.90	33.58' Lt.	2,035,524.787	987,631.628
74+72.74	4.02' Lt.	2,035,525.669	987,669.316
76+25.87	37.63' Lt.	2,035,680.787	987,636.930
76+66.18	38.49' Lt.	2,035,720.829	987,638.119
76+68.76	2.97' Lt.	2,035,721.710	987,673.725
76+69.08	1.46' Rt.	2,035,721.820	987,678.164
76+71.94	41.41' Rt.	2,035,722.811	987,718.209

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
70+09.30	40.00' Lt.	2,035,064.519	987,604.855
70+09.74	33.17' Lt.	2,035,064.679	987,611.701
70+12.76	14.02' Rt.	2,035,065.785	987,658.975
71+68.09	33.16' Lt.	2,035,223.069	987,618.569
71+68.09	40.00' Lt.	2,035,223.384	987,611.739
71+68.09	42.03' Lt.	2,035,223.477	987,609.715
71+69.13	10.76' Rt.	2,035,222.081	987,662.490
71+69.74	33.16' Lt.	2,035,224.717	987,618.645
71+71.38	6.84' Rt.	2,035,224.509	987,698.635
71+71.38	33.16' Lt.	2,035,226.354	987,618.720
72+04.80	42.03' Lt.	2,035,260.147	987,611.405
72+05.43	33.16' Lt.	2,035,260.367	987,620.293
72+68.11	46.85' Rt.	2,035,319.308	987,703.104

See Sheet 13 for Parcel 1G60036 & 1G60036T.E.

See Sheet 13 for Parcel 1G60037, 1G60037T.E.-A, 1G60037T.E.-B & 1G60037T.E.-C

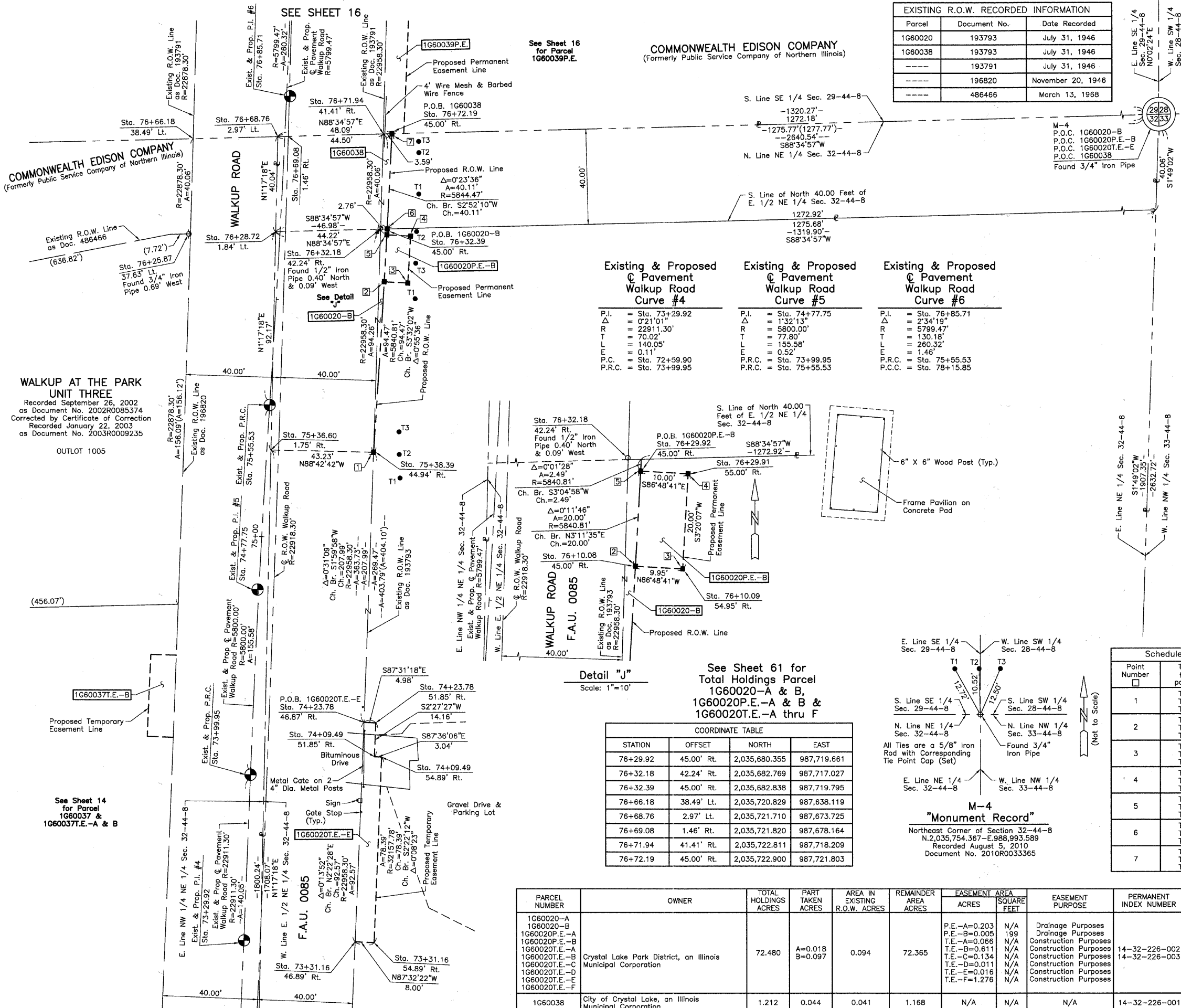
EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1G60037	196820	November 20, 1946
----	193793	July 31, 1946
----	196820	November 20, 1946
----	486466	March 13, 1968

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1G60037 1G60037T.E.-A 1G60037T.E.-B	Corporation of the Presiding Bishop of the Church of Latter-Day Saints, a Utah Corporation Sole	5.137	0.190	0.165	4.947	A=0.008 B=0.009	328 374	Driveway Construction Driveway Construction	14-32-201-006 14-32-201-010

DATE	BY	MADE	CHECKED	INKED	NO	NO

PART OF THE SE 1/4 OF SEC. 29 AND PART OF THE NE 1/4 OF SEC. 32, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.



EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
1G60020	193793	July 31, 1946
1G60038	193793	July 31, 1946
---	193791	July 31, 1946
---	196820	November 20, 1946
---	486466	March 13, 1968

LEGEND

- SECTION CORNER 16
 - QUARTER SECTION CORNER
 - SECTION LINE
 - 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
 - MEASURED DIMENSION
 - COMPUTED DIMENSION
 - RECORD DATA
 - EXISTING BUILDING
- Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (1997) East Zone, according to the H.A.R.N. Network.
- IRON PIPE OR ROD FOUND
 - CUT CROSS FOUND OR SET
 - 5/8" MAG NAIL SET
 - 5/8" REBAR SET
 - 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.
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 - 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 }
 I, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 29, TOWNSHIP 44N., RANGE 8E. AND SECTION 32, 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.

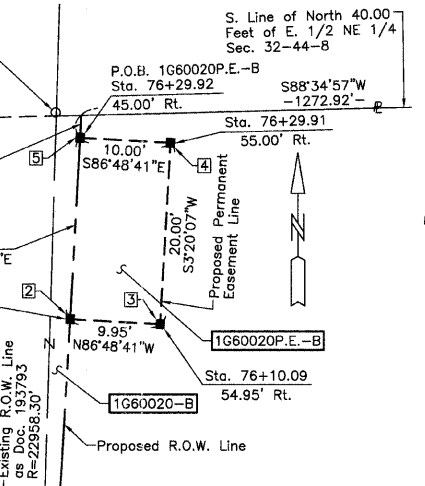
DATED AT LAKE VILLA, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

 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.

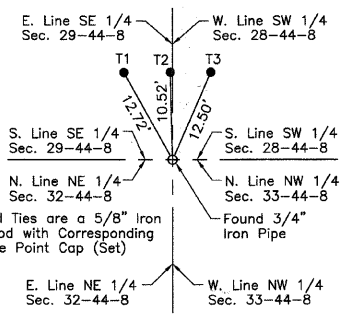
NOTE: SURFACE COORDINATES ARE SHOWN.

Existing & Proposed Pavement Walkup Road Curve #4		Existing & Proposed Pavement Walkup Road Curve #5		Existing & Proposed Pavement Walkup Road Curve #6	
P.I.	Sta.	P.I.	Sta.	P.I.	Sta.
R	73+29.92	R	74+77.75	R	76+85.71
T	72+10.1	T	73+13	T	75+19
L	22911.30'	L	5800.00'	L	5799.47'
E	70.02'	E	77.80'	E	130.18'
L	140.05'	L	155.58'	L	260.32'
E	0.11'	E	0.52'	E	1.46'
P.R.C.	Sta. 72+59.90	P.R.C.	Sta. 73+99.95	P.R.C.	Sta. 75+55.53
P.R.C.	Sta. 73+99.95	P.R.C.	Sta. 75+55.53	P.C.C.	Sta. 78+15.85



See Sheet 61 for Total Holdings Parcel 1G60020-A & B, 1G60020P.E.-A & B & 1G60020T.E.-A thru F

STATION	OFFSET	NORTH	EAST
76+29.92	45.00' Rt.	2,035,680.355	987,719.661
76+32.18	42.24' Rt.	2,035,682.769	987,717.027
76+32.39	45.00' Rt.	2,035,682.838	987,719.795
76+66.18	38.49' Lt.	2,035,720.829	987,638.119
76+68.76	2.97' Lt.	2,035,721.710	987,673.725
76+69.08	1.46' Rt.	2,035,721.820	987,678.164
76+71.94	41.41' Rt.	2,035,722.811	987,718.209
76+72.19	45.00' Rt.	2,035,722.900	987,721.803



Schedule of Ties		
Point Number	Tie to point	Tie Distance (feet)
1	T1	15.58
	T2	10.86
	T3	13.77
2	T1	14.88
	T2	25.36
	T3	15.45
3	T1	7.37
	T2	22.22
	T3	9.08
4	T1	26.72
	T2	3.22
	T3	11.68
5	T1	29.70
	T2	12.60
	T3	17.11
6	T1	19.92
	T2	12.44
	T3	18.85
7	T1	27.72
	T2	13.84
	T3	11.68

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
73+31.16	46.89' Rt.	2,035,382.423	987,705.936
73+31.16	54.89' Rt.	2,035,382.080	987,713.929
74+09.49	51.85' Rt.	2,035,460.543	987,714.135
74+09.49	54.89' Rt.	2,035,460.416	987,717.171
74+23.78	46.87' Rt.	2,035,474.910	987,709.771
74+23.78	51.85' Rt.	2,035,474.695	987,714.742
75+36.60	1.75' Rt.	2,035,589.524	987,670.752
75+38.39	44.94' Rt.	2,035,588.552	987,713.972
76+10.08	45.00' Rt.	2,035,660.386	987,718.547
76+10.09	54.95' Rt.	2,035,659.833	987,728.482
76+25.87	37.63' Lt.	2,035,680.787	987,636.930
76+28.72	1.84' Lt.	2,035,681.675	987,672.824
76+29.91	55.00' Rt.	2,035,679.799	987,729.646

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1G60020-A	Crystal Lake Park District, an Illinois Municipal Corporation	72.480	A=0.018 B=0.097	0.094	72.365	P.E.-A=0.203	N/A	Drainage Purposes	14-32-226-002	
1G60020P.E.-A						P.E.-B=0.005	N/A	Drainage Purposes		
1G60020P.E.-B						T.E.-A=0.066	N/A	Construction Purposes		
1G60020T.E.-A						T.E.-B=0.611	N/A	Construction Purposes		
1G60020T.E.-B						T.E.-C=0.134	N/A	Construction Purposes		
1G60020T.E.-C						T.E.-D=0.011	N/A	Construction Purposes		
1G60020T.E.-D						T.E.-E=0.016	N/A	Construction Purposes		
1G60038	City of Crystal Lake, an Illinois Municipal Corporation	1.212	0.044	0.041	1.168	N/A	N/A	N/A	14-32-226-001	

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.U. 0085 (WALKUP ROAD)
 SECTION 00-00246-00-FP McHENRY COUNTY
 PROJECT JOB NO. R-91-006-06
 STATION 73+00 TO STATION 77+00
 SCALE: 1"=20' SHEET 15 OF 74

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

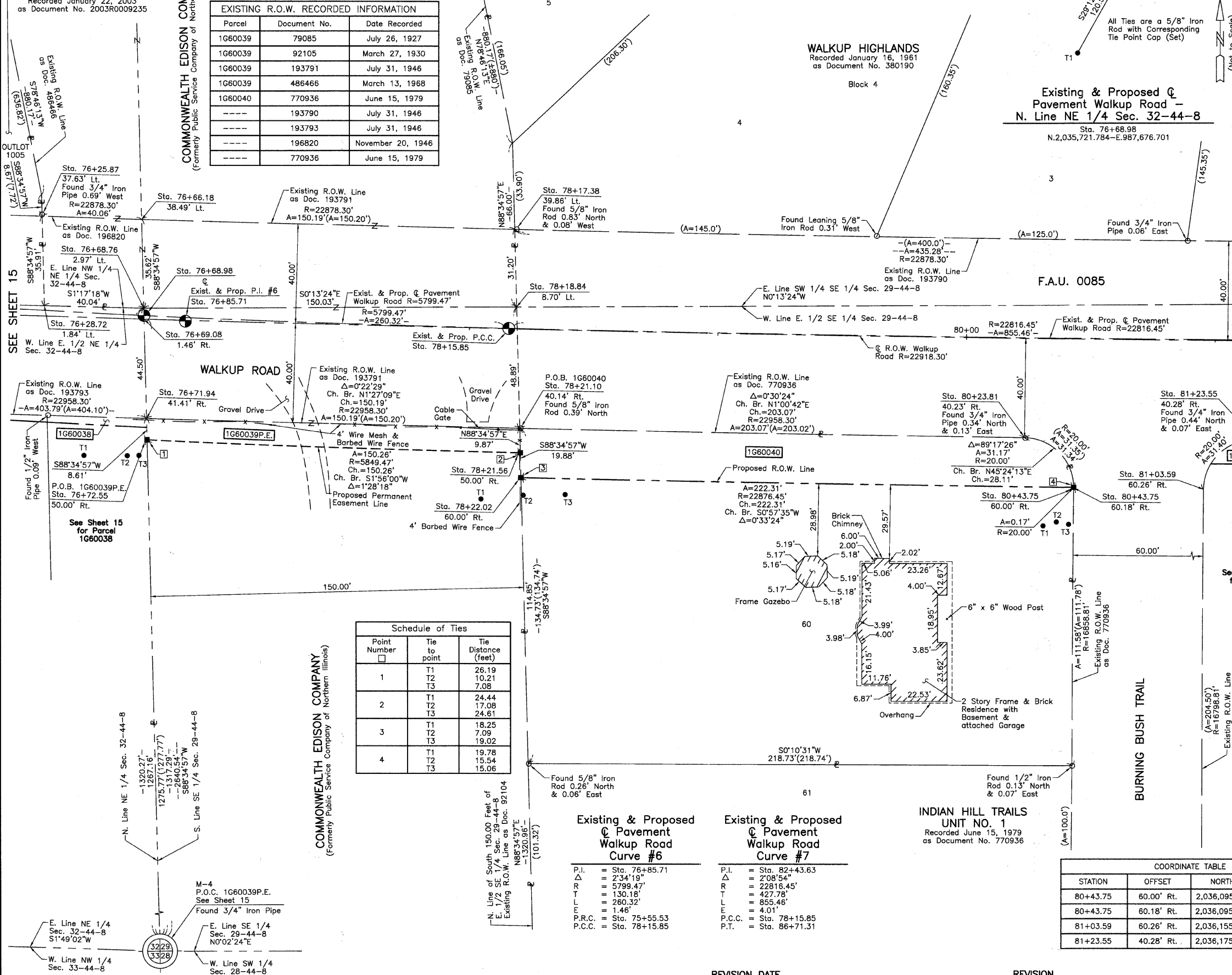
PART OF THE SE 1/4 OF SEC. 29 AND PART OF THE NE 1/4 OF SEC. 32, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

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
1G60039P.E.	Commonwealth Edison Company	N/A	N/A	N/A	N/A	0.033	Highway Purposes	14-29-476-015	
1G60040	Chester V. Ward, married to Meinda J. Ward	0.672	0.099	N/A	0.573	N/A	N/A	14-29-476-003	

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
1G60039	79085	July 26, 1927
1G60039	92105	March 27, 1930
1G60039	193791	July 31, 1946
1G60039	486466	March 13, 1968
1G60040	770936	June 15, 1979
-----	193790	July 31, 1946
-----	193793	July 31, 1946
-----	196820	November 20, 1946
-----	770936	June 15, 1979

WALKUP AT THE PARK UNIT THREE
 Recorded September 26, 2002 as Document No. 2002R0085374
 Corrected by Certificate of Correction Recorded January 22, 2003 as Document No. 2003R009235

COMMONWEALTH EDISON COMPANY
 (Formerly Public Service Company of Northern Illinois)



LEGEND

- SECTION CORNER 16
- QUARTER SECTION CORNER
- SECTION LINE
- 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

Scale: 1"=20'

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (1997) East Zone, according to the H.A.R.N. Network.

- 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.
- 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.
- 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.

ROW	DATE	BY	MADE	CHECKED	INKED	NOTEBOOK

Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	26.19
	T2	10.21
	T3	7.08
2	T1	24.44
	T2	17.08
	T3	24.81
3	T1	18.25
	T2	7.09
	T3	19.02
4	T1	19.78
	T2	15.54
	T3	15.06

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 29, TOWNSHIP 44N., RANGE 8E. AND SECTION 32, 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 ____ 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
76+25.87	37.63' Lt.	2,035,680.787	987,636.930
76+28.72	1.84' Lt.	2,035,681.675	987,672.824
76+66.18	38.49' Lt.	2,035,720.829	987,638.119
76+68.76	2.97' Lt.	2,035,721.710	987,673.725
76+69.08	1.46' Rt.	2,035,721.820	987,678.164
76+71.94	41.41' Rt.	2,035,722.811	987,718.209
76+72.55	50.00' Rt.	2,035,723.024	987,726.814
78+17.38	39.86' Lt.	2,035,870.970	987,641.952
78+18.84	8.70' Lt.	2,035,871.741	987,673.140
78+21.10	40.14' Rt.	2,035,872.951	987,722.016
78+21.56	50.00' Rt.	2,035,873.195	987,731.883
78+22.02	60.00' Rt.	2,035,873.442	987,741.893
80+23.81	40.23' Rt.	2,036,075.986	987,725.601

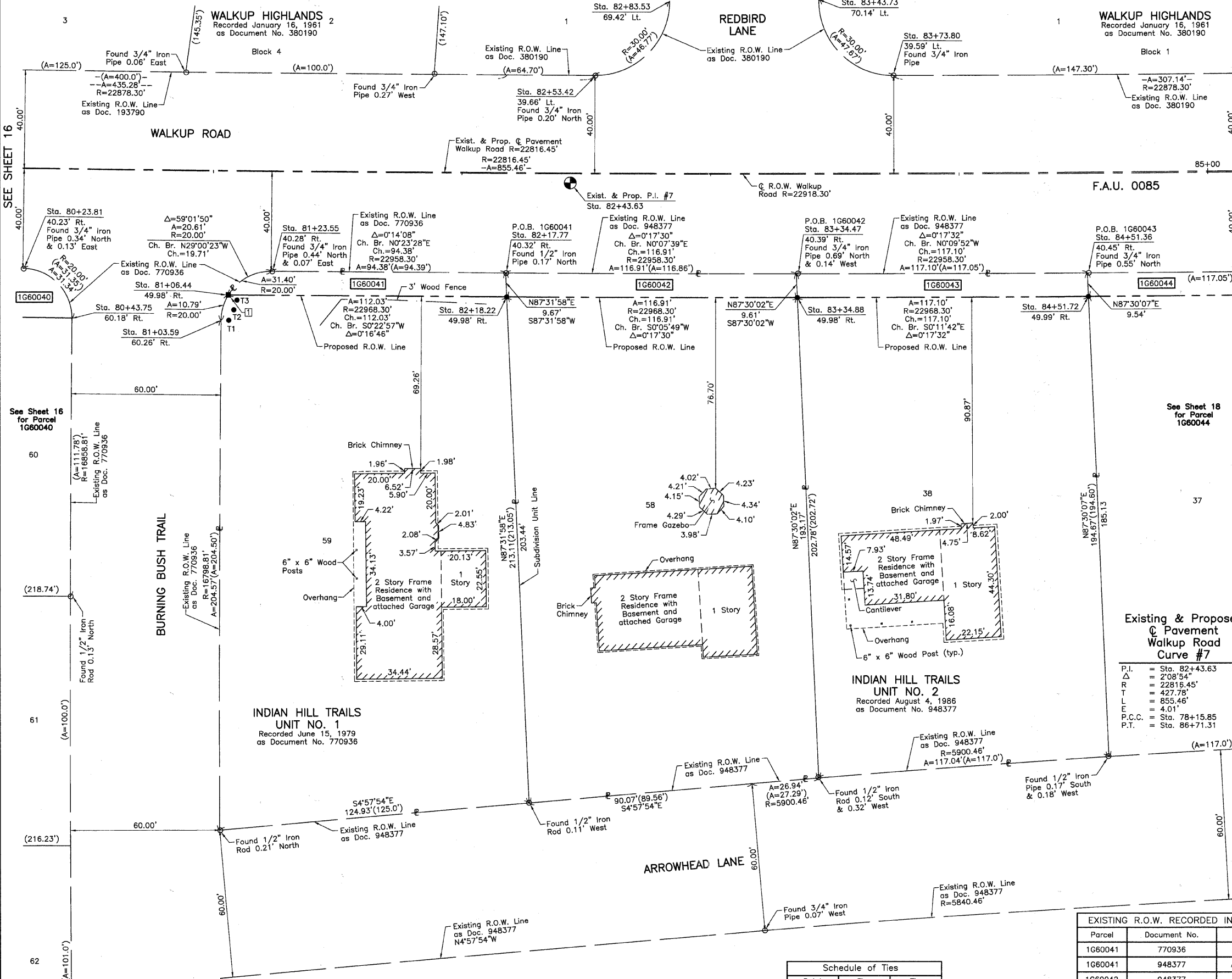
JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.U. 0085 (WALKUP ROAD)
 SECTION 00-00246-00-FP McHENRY COUNTY
 PROJECT JOB NO. R-91-006-06
 STATION 76+00 TO STATION 81+00
 SCALE: 1"=20' SHEET 16 OF 74

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

PART OF THE SE 1/4 OF SEC. 29, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.



LEGEND

SECTION CORNER 16 QUARTER SECTION CORNER 15

SECTION LINE
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
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (1997) East Zone, according to the H.A.R.N. Network.

○ 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 } 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 IN SECTION 29, 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 _____ DAY OF _____ 20__ A.D.

BY	DATE
MADE	
CHECKED	
INKED	
ROW PLAT	
NOTEBOOK	
NO	

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
1G60041	Joseph A. Wetzler and Irma Wetzler, husband and wife, as Tenants by the Entirety	0.599	0.024	N/A	0.575	N/A	N/A	14-29-477-001	
1G60042	Judy M. Moyer	0.558	0.026	N/A	0.532	N/A	N/A	14-29-477-004	
1G60043	Ivanhoe A. Swanson and Susan G. Swanson in Joint Tenancy	0.533	0.026	N/A	0.507	N/A	N/A	14-29-477-003	

Point Number	Tie to point	Tie Distance (feet)
1	T1	10.20
	T2	6.35
	T3	4.05

Parcel	Document No.	Date Recorded
1G60041	770936	June 15, 1979
1G60041	948377	August 4, 1986
1G60042	948377	August 4, 1986
1G60043	948377	August 4, 1986
----	193790	July 31, 1946
----	380190	January 16, 1961
----	770936	June 15, 1979
----	948377	August 4, 1986

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
PRESIDENT
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.

STATION	OFFSET	NORTH	EAST
80+23.81	40.23' Rt.	2,036,075.986	987,725.601
80+43.75	60.18' Rt.	2,036,095.720	987,745.793
81+03.59	60.26' Rt.	2,036,155.716	987,746.512
81+06.44	49.98' Rt.	2,036,158.658	987,736.262
81+23.55	40.28' Rt.	2,036,175.893	987,726.706
82+17.77	40.32' Rt.	2,036,270.273	987,727.350
82+18.22	49.98' Rt.	2,036,270.689	987,737.010
82+53.42	39.66' Lt.	2,036,306.204	987,647.493
82+83.53	69.42' Lt.	2,036,336.299	987,617.794
83+34.47	40.39' Rt.	2,036,387.180	987,727.610
83+34.88	49.98' Rt.	2,036,387.599	987,737.208
83+43.73	70.14' Lt.	2,036,396.314	987,617.076
83+73.80	39.59' Lt.	2,036,426.371	987,647.564
84+51.36	40.45' Rt.	2,036,504.278	987,727.274
84+51.72	49.99' Rt.	2,036,504.694	987,736.809

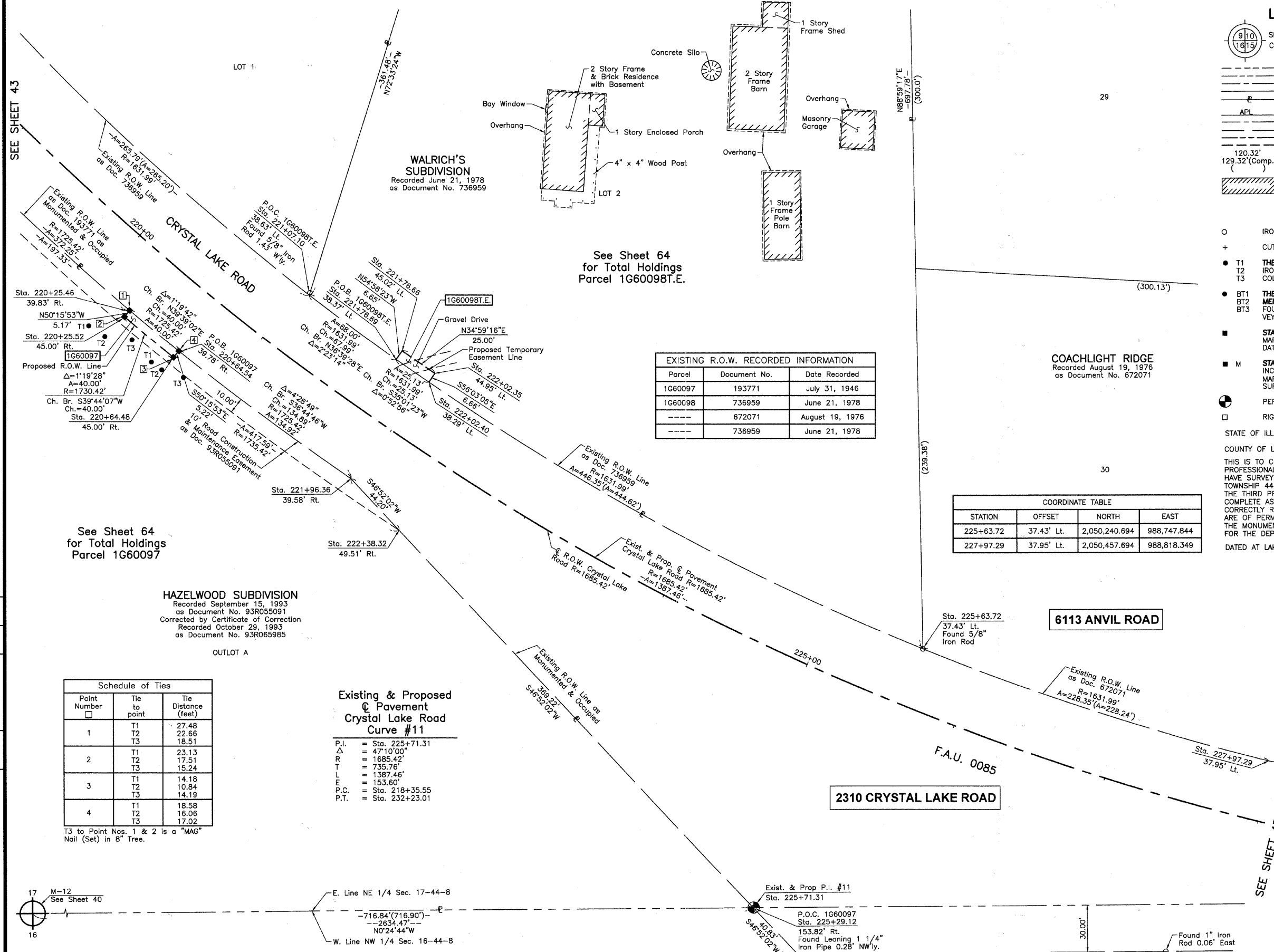
JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.U. 0085 (WALKUP ROAD)
SECTION 00-00246-00-FP McHENRY COUNTY
PROJECT JOB NO. R-91-006-06
STATION 80+00 TO STATION 85+00
SCALE: 1"=20' SHEET 17 OF 74

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

PART OF THE NW 1/4 OF SEC. 16 AND PART OF THE NE 1/4 OF SEC. 17, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.



LEGEND

SECTION CORNER 16 15 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 EASEMENT
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORD DATA

EXISTING BUILDING

SCALE: 1"=30'

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (1997) East Zone, according to the H.A.R.N. Network.

○ 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.

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1G60097	193771	July 31, 1946
1G60098	736959	June 21, 1978
----	672071	August 19, 1976
----	736959	June 21, 1978

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
225+63.72	37.43' Lt.	2,050,240.694	988,747.844
227+97.29	37.95' Lt.	2,050,457.694	988,818.349

STATE OF ILLINOIS)
 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 16, TOWNSHIP 44N., RANGE 8E. AND SECTION 17, 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 ____ DAY OF ____ 20__ A.D.

NOTE: SURFACE COORDINATES ARE SHOWN.

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
220+25.46	39.83' Rt.	2,049,742.585	988,534.802
220+25.52	45.00' Rt.	2,049,739.283	988,538.775
220+64.48	45.00' Rt.	2,049,770.043	988,564.345
220+64.54	39.78' Rt.	2,049,773.383	988,560.326
221+07.10	38.63' Lt.	2,049,855.414	988,525.256
221+76.66	45.02' Lt.	2,049,913.775	988,560.410
221+76.69	38.37' Lt.	2,049,909.958	988,565.849
221+96.36	39.58' Rt.	2,049,881.467	988,641.025
222+02.35	44.95' Lt.	2,049,934.257	988,574.745
222+02.40	38.29' Lt.	2,049,930.537	988,580.271
222+38.32	49.51' Rt.	2,049,911.688	988,673.283
225+29.12	153.82' Rt.	2,050,133.900	988,910.472
225+63.10	170.54' Rt.	2,050,161.818	988,940.272

See Sheet 64 for Total Holdings Parcel 1G60097

HAZELWOOD SUBDIVISION
 Recorded September 15, 1993
 as Document No. 93R055091
 Corrected by Certificate of Correction
 Recorded October 29, 1993
 as Document No. 93R065985

Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	27.48
	T2	22.66
	T3	18.51
2	T1	23.13
	T2	17.51
	T3	15.24
3	T1	14.18
	T2	10.84
	T3	14.19
4	T1	18.58
	T2	16.06
	T3	17.02

T3 to Point Nos. 1 & 2 is a "MAG" Nail (Set) in 8" Tree.

Existing & Proposed Pavement Crystal Lake Road Curve #11

P.I. = Sta. 225+71.31
 Δ = 47°10'00"
 R = 1685.42'
 T = 735.76'
 L = 1387.46'
 P.C. = Sta. 218+35.55
 P.T. = Sta. 232+23.01

BY	DATE
MADE	
CHECKED	
INKED	
ROW PLAT	
NOTEBOOK NO.	

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	SQUARE FEET	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1G60097	Hazelwood Subdivision Association #1	6.030	0.005	208	0.005*	208*	6.025	N/A	N/A	14-17-276-001
1G60098T.E.	Randall J. Kovacs and Patricia L. Graham, as joint tenants	4.043	N/A	N/A	N/A	N/A	4.043	0.004	168	Driveway Construction 14-17-229-012

*Area lying in 10' Road Construction & Maintenance Easement according to Hazelwood Subdivision

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

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

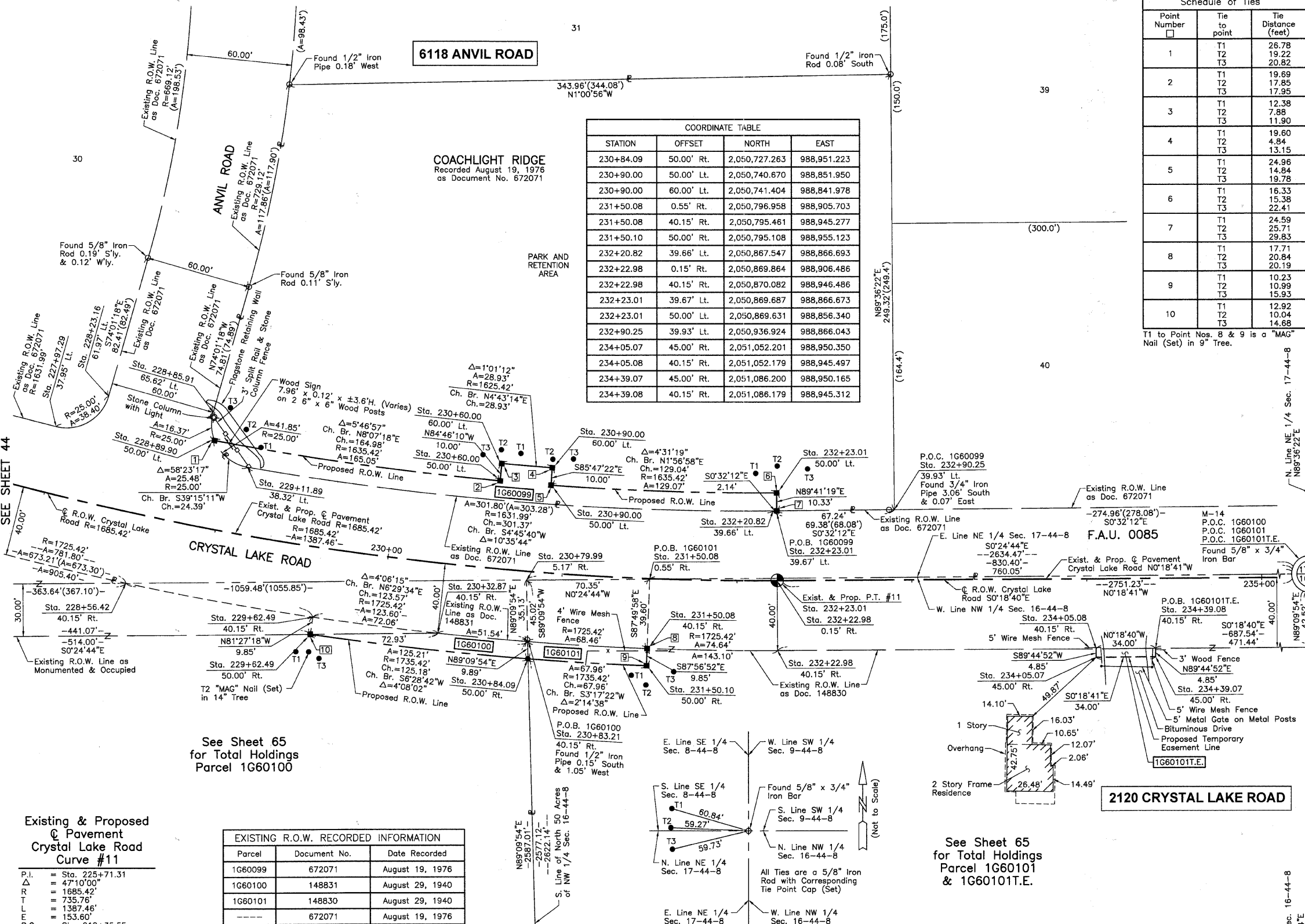
PLAT OF HIGHWAYS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.U. 0085 (WALKUP ROAD)

SECTION 00-00246-00-FP McHENRY COUNTY
 PROJECT JOB NO. R-91-006-06
 STATION 219+00 TO STATION 228+00
 SCALE: 1"=30' SHEET 44 OF 74

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

PART OF THE NW 1/4 OF SEC. 16 AND PART OF THE NE 1/4 OF SEC. 17, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.



STATION	OFFSET	NORTH	EAST
230+84.09	50.00' Rt.	2,050,727.263	988,951.223
230+90.00	50.00' Lt.	2,050,740.670	988,851.950
230+90.00	60.00' Lt.	2,050,741.404	988,841.978
231+50.08	0.55' Rt.	2,050,796.958	988,905.703
231+50.08	40.15' Rt.	2,050,795.461	988,945.277
231+50.10	50.00' Rt.	2,050,795.108	988,955.123
232+20.82	39.66' Lt.	2,050,867.547	988,866.693
232+22.98	0.15' Rt.	2,050,869.864	988,906.486
232+22.98	40.15' Rt.	2,050,870.082	988,946.486
232+23.01	39.67' Lt.	2,050,869.687	988,866.673
232+23.01	50.00' Lt.	2,050,869.631	988,856.340
232+90.25	39.93' Lt.	2,050,936.924	988,866.043
234+05.07	45.00' Rt.	2,051,052.201	988,950.350
234+05.08	40.15' Rt.	2,051,052.179	988,945.497
234+39.07	45.00' Rt.	2,051,086.200	988,950.165
234+39.08	40.15' Rt.	2,051,086.179	988,945.312

Point Number	Tie to point	Tie Distance (feet)
1	T1	26.78
	T2	19.22
	T3	20.82
2	T1	19.69
	T2	17.85
	T3	17.95
3	T1	12.38
	T2	7.88
	T3	11.90
4	T1	19.60
	T2	4.84
	T3	13.15
5	T1	24.96
	T2	14.84
	T3	19.78
6	T1	16.33
	T2	15.38
	T3	22.41
7	T1	24.59
	T2	25.71
	T3	29.83
8	T1	17.71
	T2	20.84
	T3	20.19
9	T1	10.23
	T2	10.99
	T3	15.93
10	T1	12.92
	T2	10.04
	T3	14.68

LEGEND

SECTION CORNER 16 15 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 RIGHT OF WAY LINE
PROPOSED EASEMENT
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (1997) East Zone, according to the H.A.R.N. Network.

0 30' 60' SCALE: 1"=30'

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.

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.

BY	DATE	MADE	CHECKED	INKED	NOTEBOOK	NO

Parcel	Document No.	Date Recorded
1G60099	672071	August 19, 1976
1G60100	148831	August 29, 1940
1G60101	148830	August 29, 1940
---	672071	August 19, 1976

Existing & Proposed Pavement Crystal Lake Road Curve #11

P.I. = Sta. 225+71.31
 Δ = 47°10'00"
 R = 1685.42'
 T = 735.76'
 L = 1387.46'
 E = 153.60'
 P.C. = Sta. 218+35.55
 P.T. = Sta. 232+23.01

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1G60099	Coachlight Ridge Home Owners' Association, Inc., an Illinois Corporation	2.025	0.088	N/A	N/A	1.937	N/A	14-17-228-011	
1G60100	Jane M. Devereaux, as Trustee, under a Trust Agreement dated June 10, 2002 and known as the Jane M. Devereaux Revocable Trust	99.321	0.028	0.008	337	99.293	N/A	14-16-100-002	
1G60101	Randolph S. Wirkus, as to an undivided 90% interest and William A. Hellyer and Kelly J. Hellyer, in joint tenancy, as to an undivided 10% interest	50.000	0.075	0.060	N/A	49.925	0.004	165	Driveway Construction

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.

STATION	OFFSET	NORTH	EAST
227+97.29	37.95' Lt.	2,050,457.694	988,818.349
228+23.16	61.97' Lt.	2,050,487.773	988,800.973
228+56.42	40.15' Rt.	2,050,497.532	988,907.856
228+85.91	65.62' Lt.	2,050,547.547	988,810.181
228+89.90	50.00' Lt.	2,050,548.330	988,826.247
229+11.89	38.32' Lt.	2,050,567.215	988,841.679
229+62.49	40.15' Rt.	2,050,604.341	988,927.359
229+62.49	50.00' Rt.	2,050,602.878	988,937.099
230+32.87	40.15' Rt.	2,050,675.803	988,936.575
230+60.00	50.00' Lt.	2,050,711.657	988,849.555
230+60.00	60.00' Lt.	2,050,712.569	988,839.596
230+79.99	5.17' Rt.	2,050,726.607	988,906.209
230+83.21	40.15' Rt.	2,050,727.118	988,941.332

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

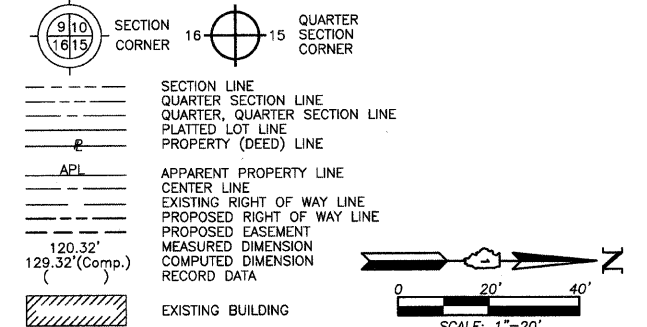
SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.U. 0085 (WALKUP ROAD)
 SECTION 00-00246-00-FP McHENRY COUNTY
 PROJECT JOB NO. R-91-006-06
 STATION 228+00 TO STATION 235+00
 SCALE: 1"=30' SHEET 45 OF 74

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

PART OF THE SE 1/4 OF SEC. 8, PART OF THE SW 1/4 OF SEC. 9, PART OF THE NW 1/4 SEC. 16 AND PART OF THE NE 1/4 OF SEC. 17, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

LEGEND



Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (1997) East Zone, according to the H.A.R.N. Network.
IRON PIPE OR ROD FOUND
CUT CROSS FOUND OR SET
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.
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.
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 }
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 8, TOWNSHIP 44N., RANGE 8E. AND SECTION 17, 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 ____ 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
Table with 4 columns: STATION, OFFSET, NORTH, EAST. Lists station numbers and their corresponding coordinates.

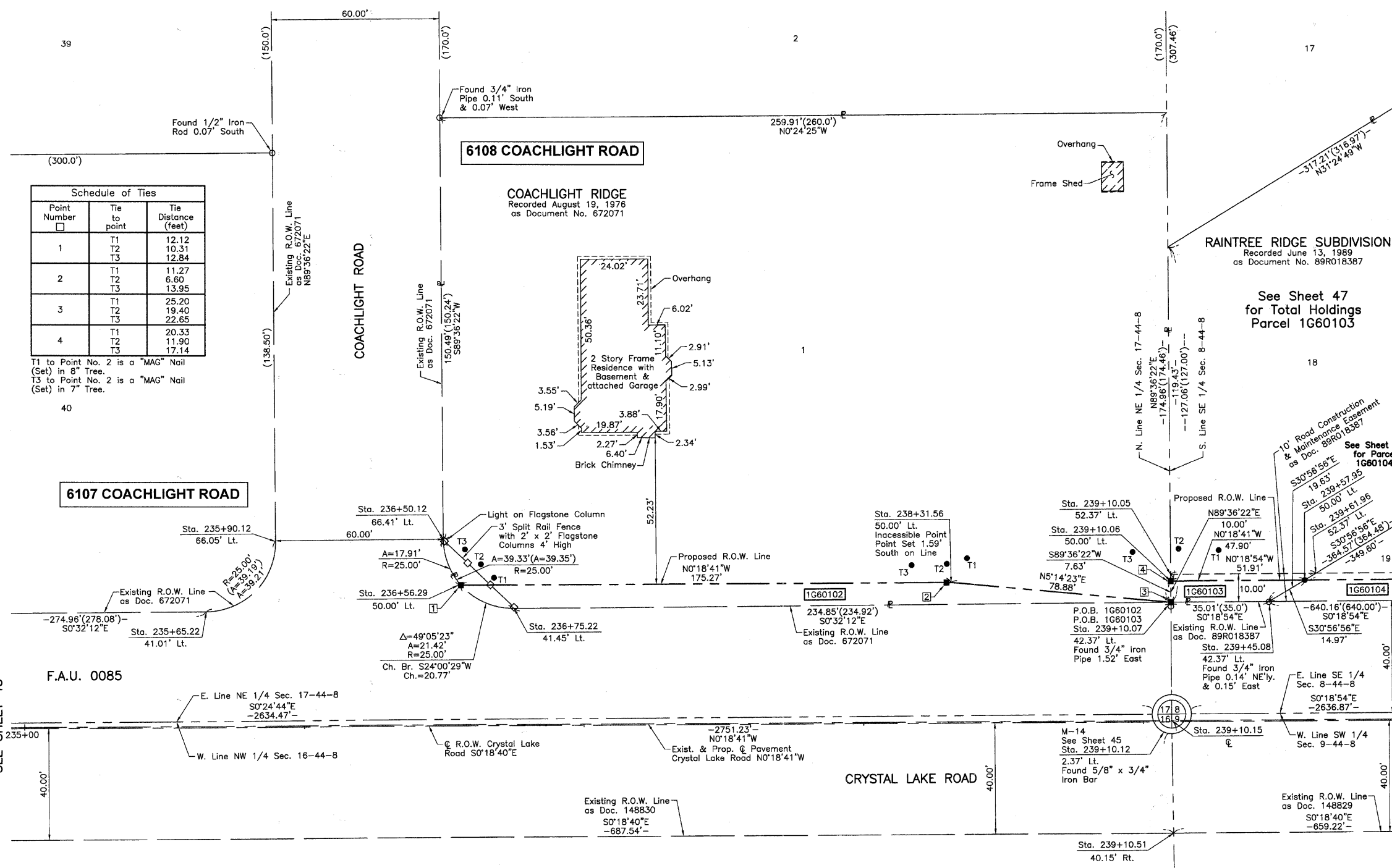
JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371
SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.U. 0085 (WALKUP ROAD)
SECTION 00-00246-00-FP McHENRY COUNTY
PROJECT JOB NO. R-91-006-06
STATION 235+00 TO STATION 240+00
SCALE: 1"=20' SHEET 46 OF 74

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

Schedule of Ties
Table with 3 columns: Point Number, Tie to point, Tie Distance (feet). Lists tie points and distances.

T1 to Point No. 2 is a "MAG" Nail (Set) in 8" Tree.
T3 to Point No. 2 is a "MAG" Nail (Set) in 7" Tree.



BY DATE
MADE CHECKED INKED
ROW PLAT
NOTEBOOK NO.

Table with 9 columns: 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. Lists parcels 1G60102 and 1G60103.

EXISTING R.O.W. RECORDED INFORMATION
Table with 3 columns: Parcel, Document No., Date Recorded. Lists recorded right-of-way information for parcels 1G60102 and 1G60103.

*Area lying in 10' Road Construction & Maintenance Easement according to Raintree Ridge Subdivision

PART OF THE SE 1/4 OF SEC. 8 AND PART OF THE SW 1/4 OF SEC. 9, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

Point Number	Tie to point	Tie Distance (feet)
1	T1	27.82
	T2	16.49
	T3	25.41
2	T1	32.78
	T2	24.11
	T3	30.98

Parcel	Document No.	Date Recorded
1G60104	89R018387	June 13, 1989
1G60105	148829	August 29, 1940
----	148828	August 29, 1940
----	148830	August 29, 1940
----	672071	August 19, 1976
----	89R018387	June 13, 1989

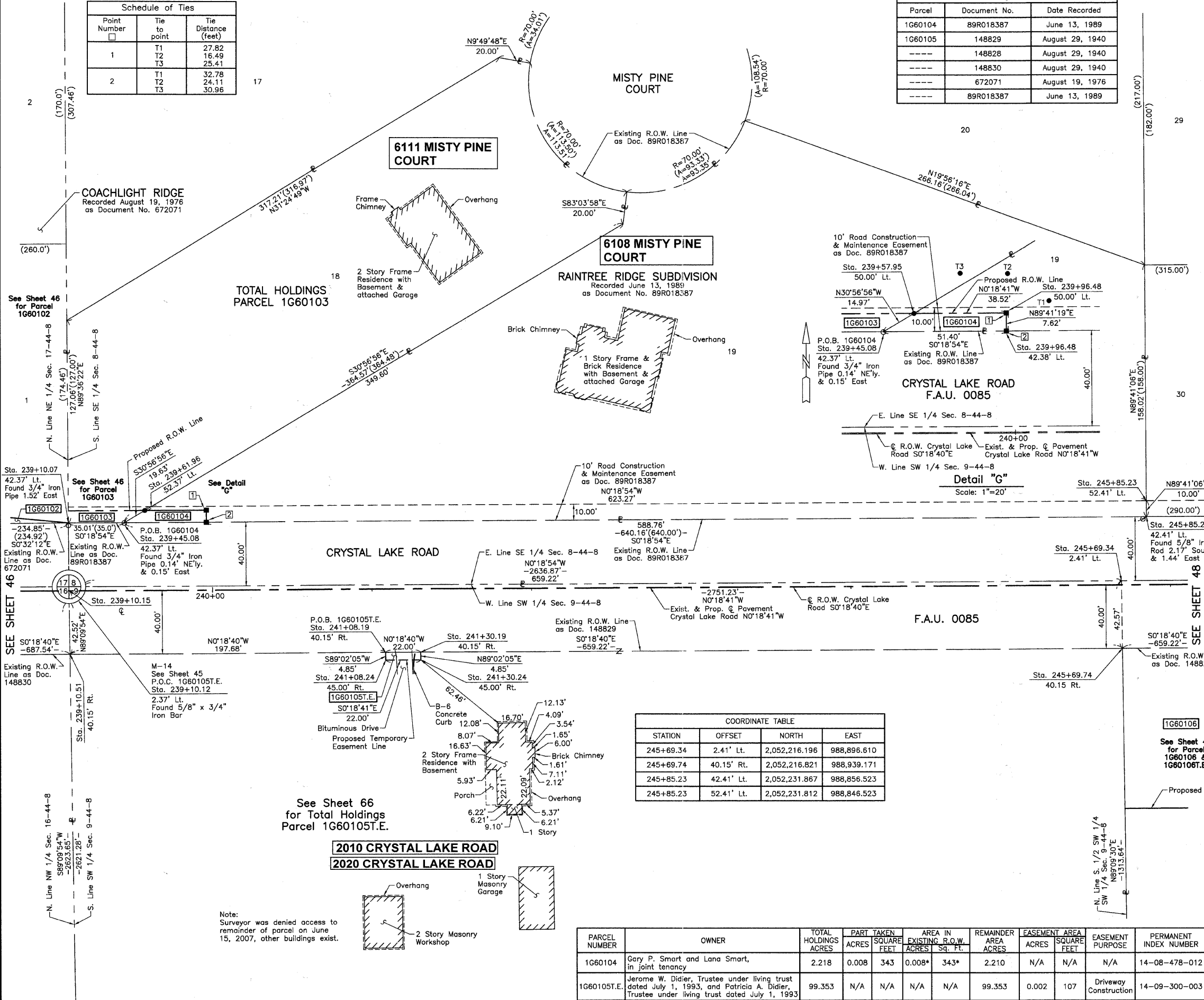
LEGEND

- SECTION LINE
- 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
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- 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.
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- 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 }
 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 8, TOWNSHIP 44N., RANGE 8E. AND SECTION 9, 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 _____ DAY OF _____ 20____ A.D.

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.

STATION	OFFSET	NORTH	EAST
239+10.07	42.37' Lt.	2,051,556.714	988,860.237
239+10.12	2.37' Lt.	2,051,556.989	988,900.236
239+10.15	€	2,051,557.023	988,902.606
239+10.51	40.15' Rt.	2,051,557.608	988,942.752
239+45.08	42.37' Lt.	2,051,591.722	988,860.044
239+57.95	50.00' Lt.	2,051,604.558	988,852.347
239+61.96	52.37' Lt.	2,051,608.553	988,849.951
239+96.48	42.38' Lt.	2,051,643.123	988,859.761
239+96.48	50.00' Lt.	2,051,643.081	988,852.137
241+08.19	40.15' Rt.	2,051,755.281	988,941.678
241+08.24	45.00' Rt.	2,051,755.362	988,946.529
241+30.19	40.15' Rt.	2,051,777.282	988,941.558
241+30.24	45.00' Rt.	2,051,777.364	988,946.409



STATION	OFFSET	NORTH	EAST
245+69.34	2.41' Lt.	2,052,216.196	988,896.610
245+69.74	40.15' Rt.	2,052,216.821	988,939.171
245+85.23	42.41' Lt.	2,052,231.867	988,856.523
245+85.23	52.41' Lt.	2,052,231.812	988,846.523

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	SQUARE FEET	AREA IN EXISTING R.O.W. ACRES	SQ. FT.	REMAINDER AREA ACRES	EASEMENT AREA ACRES	SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1G60104	Gary P. Smart and Lana Smart, in joint tenancy	2.218	0.008	343	0.008*	343*	2.210	N/A	N/A	N/A	14-08-478-012	
1G60105.E	Jerome W. Didier, Trustee under living trust dated July 1, 1993, and Patricia A. Didier, Trustee under living trust dated July 1, 1993	99.353	N/A	N/A	N/A	N/A	99.353	0.002	107	Driveway Construction	14-09-300-003	

*Area lying in 10' Road Construction & Maintenance Easement according to Raintree Ridge Subdivision

SEE SHEET 46 for Parcel 1G60102

SEE SHEET 48 for Parcel 1G60106 & 1G60106.E

See Sheet 66 for Total Holdings Parcel 1G60105.E.

Note: Surveyor was denied access to remainder of parcel on June 15, 2007, other buildings exist.

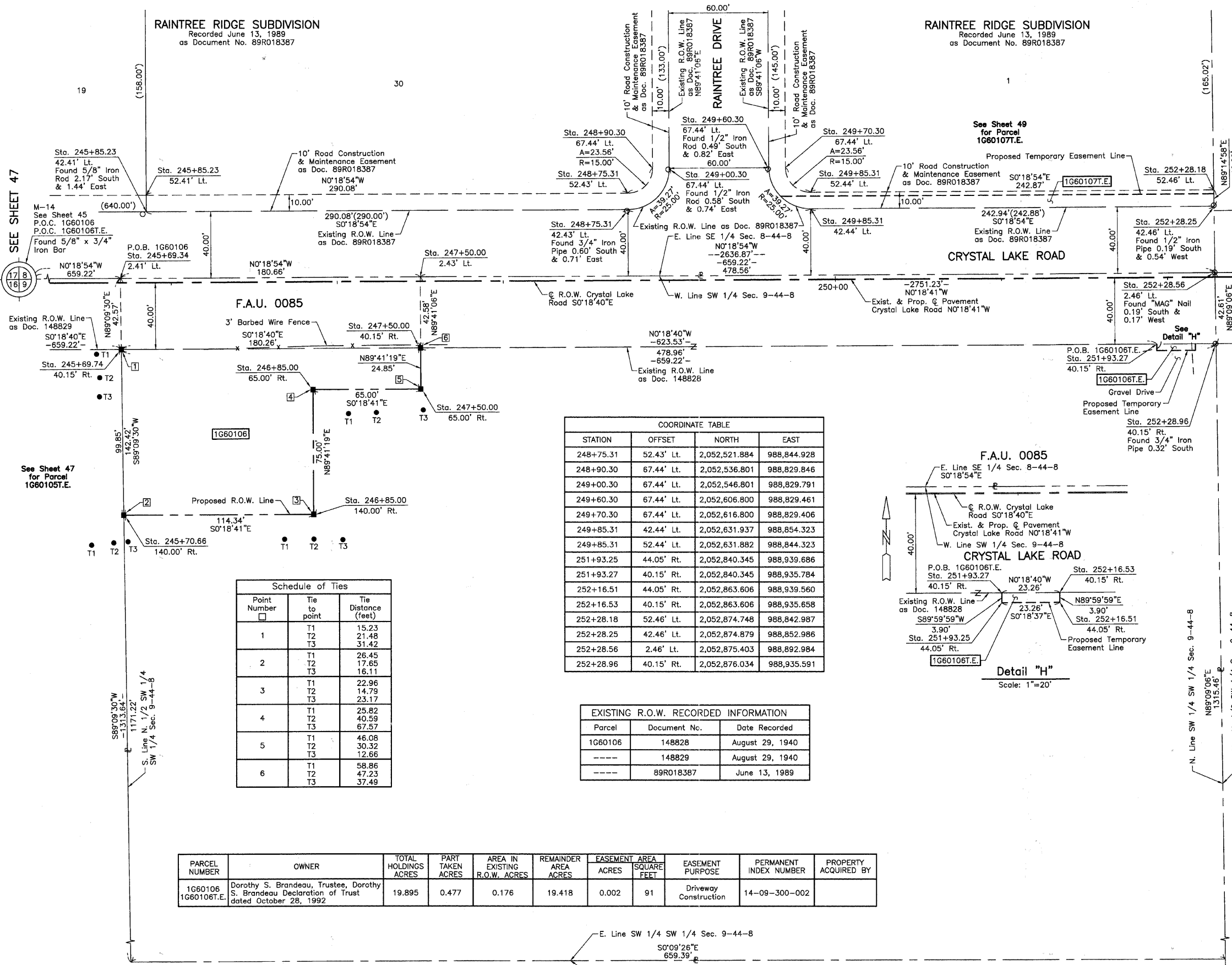
BY	DATE	MADE	CHECKED	INKED	NOTEBOOK NO.

JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60048
 (847) 356-3371

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.U. 0085 (WALKUP ROAD)
 SECTION 00-00246-00-FP McHENRY COUNTY
 PROJECT JOB NO. R-91-006-06
 STATION 239+00 TO STATION 246+00
 SCALE: 1"=30' SHEET 47 OF 74

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

PART OF THE SE 1/4 OF SEC. 8 AND PART OF THE SW 1/4 OF SEC. 9, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.



LEGEND

SECTION CORNER 16 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
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA

EXISTING BUILDING

SCALE: 1"=30'

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (1997) East Zone, according to the H.A.R.N. Network.

○ 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.

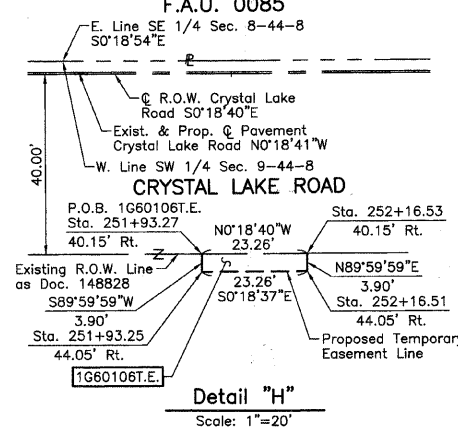
■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

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

□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
248+75.31	52.43' Lt.	2,052,521.884	988,844.928
248+90.30	67.44' Lt.	2,052,536.801	988,829.846
249+00.30	67.44' Lt.	2,052,546.801	988,829.791
249+60.30	67.44' Lt.	2,052,606.800	988,829.461
249+70.30	67.44' Lt.	2,052,616.800	988,829.406
249+85.31	42.44' Lt.	2,052,631.937	988,854.323
249+85.31	52.44' Lt.	2,052,631.882	988,844.323
251+93.25	44.05' Rt.	2,052,840.345	988,939.686
251+93.27	40.15' Rt.	2,052,840.345	988,935.784
252+16.51	44.05' Rt.	2,052,863.606	988,939.560
252+16.53	40.15' Rt.	2,052,863.606	988,935.658
252+28.18	52.46' Lt.	2,052,874.748	988,842.987
252+28.25	42.46' Lt.	2,052,874.879	988,852.986
252+28.56	2.46' Lt.	2,052,875.403	988,892.984
252+28.96	40.15' Rt.	2,052,876.034	988,935.591



Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	15.23
	T2	21.48
	T3	31.42
2	T1	26.45
	T2	17.65
	T3	16.11
3	T1	22.96
	T2	14.79
	T3	23.17
4	T1	25.82
	T2	40.59
	T3	67.57
5	T1	46.08
	T2	30.32
	T3	12.66
6	T1	58.86
	T2	47.23
	T3	37.49

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1G60106	148828	August 29, 1940
----	148829	August 29, 1940
----	89R018387	June 13, 1989

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1G60106 1G60106T.E.	Dorothy S. Brandeau, Trustee, Dorothy S. Brandeau Declaration of Trust dated October 28, 1992	19.895	0.477	0.176	19.418	0.002	91	Driveway Construction	14-09-300-002

STATE OF ILLINOIS }
COUNTY OF LAKE }
PRESIDENT

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 8, TOWNSHIP 44N., RANGE 8E., AND SECTION 9, 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 ____ DAY OF ____ 20__ A.D.

NOTE: SURFACE COORDINATES ARE SHOWN.

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
245+69.34	2.41' Lt.	2,052,216.196	988,896.610
245+69.74	40.15' Rt.	2,052,216.821	988,939.171
245+70.66	140.00' Rt.	2,052,218.288	989,039.015
245+85.23	42.41' Lt.	2,052,231.867	988,856.523
245+85.23	52.41' Lt.	2,052,231.812	988,846.523
246+85.00	65.00' Rt.	2,052,332.219	988,963.394
246+85.00	140.00' Rt.	2,052,332.626	989,038.393
247+50.00	2.43' Lt.	2,052,396.850	988,895.616
247+50.00	40.15' Rt.	2,052,397.084	988,938.192
247+50.00	65.00' Rt.	2,052,397.219	988,963.041
248+75.31	42.43' Lt.	2,052,521.939	988,854.928

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.U. 0085 (WALKUP ROAD)
SECTION 00-00246-00-FP McHENRY COUNTY
PROJECT JOB NO. R-91-006-06
STATION 245+00 TO STATION 253+00
SCALE: 1"=30' SHEET 48 OF 74

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

ROW	DATE	BY	MADE	CHECKED	INVEST	NO

PART OF THE SE 1/4 OF SEC. 8 AND PART OF THE SW 1/4 OF SEC. 9, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
252+28.56	2.46' Lt.	2,052,875.403	988,892.984
252+28.96	40.15' Rt.	2,052,876.034	988,935.591

LEGEND

SECTION CORNER 16 QUARTER SECTION CORNER 15

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
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (1997) East Zone, according to the H.A.R.N. Network.

0 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

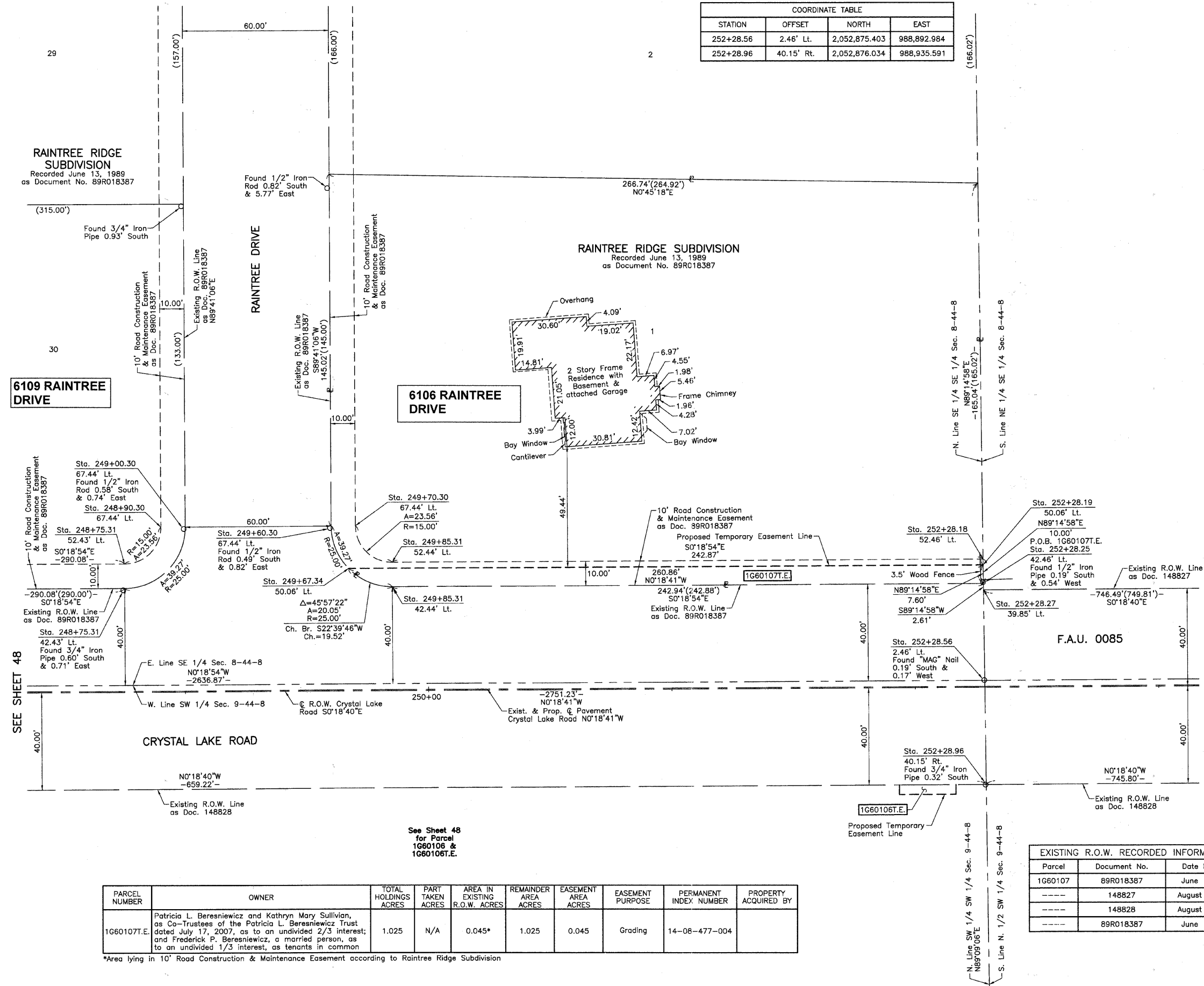
■ STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

■ 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.

SCALE: 1"=20'



DATE	BY

MADE _____
CHECKED _____
INKED _____

ROW PLAT _____
NOTEBOOK NO. _____

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 8, TOWNSHIP 44N., RANGE 8E. AND SECTION 9, 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 ____ 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
248+75.31	42.43' Lt.	2,052,521.939	988,854.928
248+75.31	52.43' Lt.	2,052,521.884	988,844.928
248+90.30	67.44' Lt.	2,052,536.801	988,829.846
249+00.30	67.44' Lt.	2,052,546.801	988,829.791
249+60.30	67.44' Lt.	2,052,606.800	988,829.461
249+67.34	50.06' Lt.	2,052,613.926	988,846.802
249+70.30	67.44' Lt.	2,052,616.800	988,829.406
249+85.31	42.44' Lt.	2,052,631.937	988,854.323
249+85.31	52.44' Lt.	2,052,631.882	988,844.323
252+28.18	52.46' Lt.	2,052,874.748	988,842.987
252+28.19	50.06' Lt.	2,052,874.779	988,845.384
252+28.25	42.46' Lt.	2,052,874.879	988,852.986
252+28.27	39.85' Lt.	2,052,874.913	988,855.596

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
1G60107	89R018387	June 13, 1989
-----	148827	August 29, 1940
-----	148828	August 29, 1940
-----	89R018387	June 13, 1989

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
1G60107.E	Patricia L. Beresiewicz and Kathryn Mary Sullivan, as Co-Trustees of the Patricia L. Beresiewicz Trust dated July 17, 2007, as to an undivided 2/3 interest; and Frederick P. Beresiewicz, a married person, as to an undivided 1/3 interest, as tenants in common	1.025	N/A	0.045*	1.025	0.045	Grading	14-08-477-004	

*Area lying in 10' Road Construction & Maintenance Easement according to Raintree Ridge Subdivision

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60048
(847) 356-3371

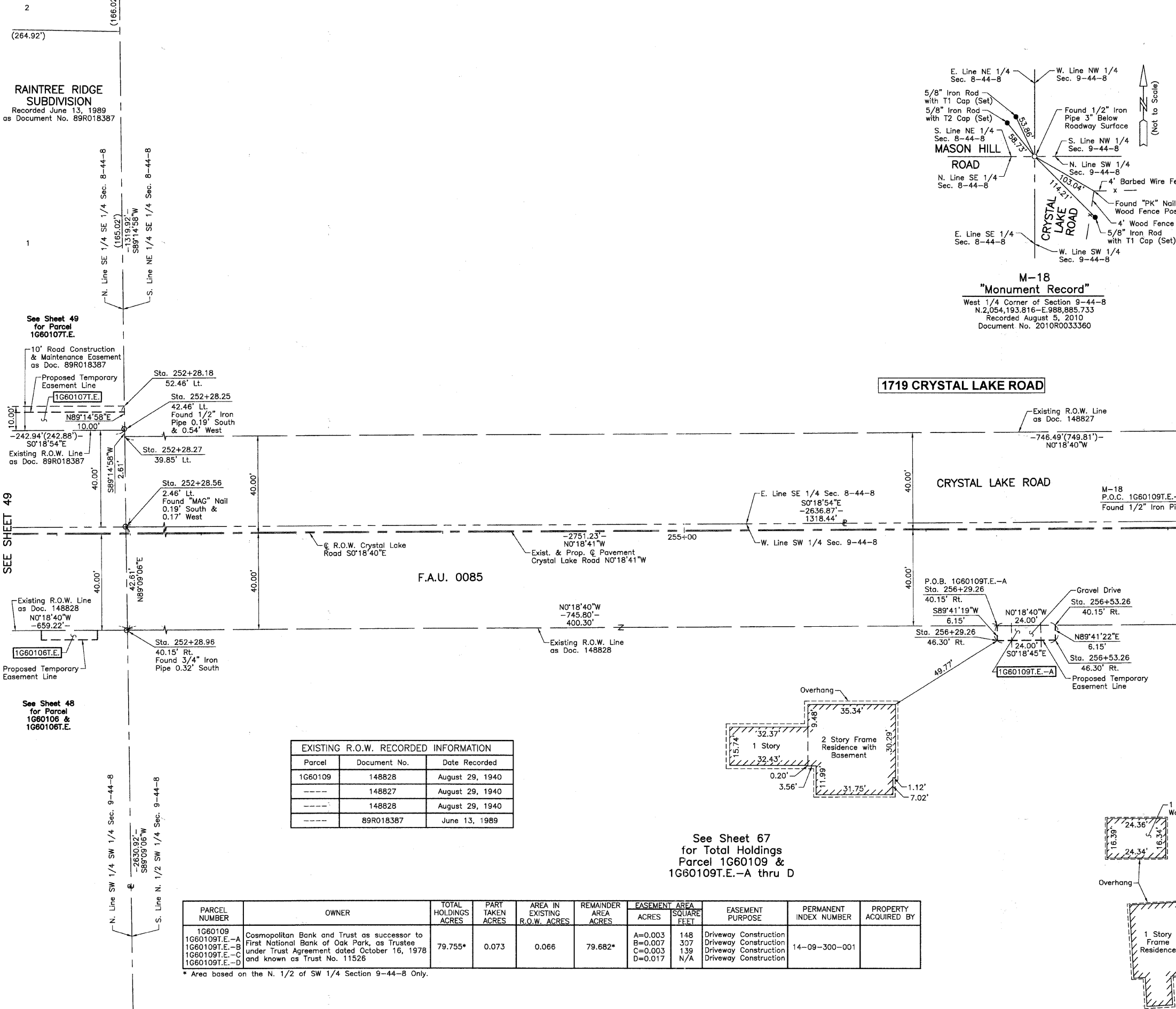
SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.U. 0085 (WALKUP ROAD)

SECTION 00-00246-00-FP McHENRY COUNTY
PROJECT JOB NO. R-91-006-06
STATION 248+00 TO STATION 253+00
SCALE: 1"=20' SHEET 49 OF 74

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

PART OF THE SE 1/4 OF SEC. 8 AND PART OF THE SW 1/4 OF SEC. 9, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.



LEGEND

SECTION CORNER 16 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
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (1997) East Zone, according to the H.A.R.N. Network.

0 20' 40'
SCALE: 1"=20'

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 8, TOWNSHIP 44N., RANGE 8E. AND SECTION 9, 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 ____ DAY OF ____ 20__ A.D.

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
252+28.18	52.46' Lt.	2,052,874.748	988,842.987
252+28.25	42.46' Lt.	2,052,874.879	988,852.986
252+28.27	39.85' Lt.	2,052,874.913	988,855.596
252+28.56	2.46' Lt.	2,052,875.403	988,892.984
252+28.96	40.15' Rt.	2,052,876.034	988,935.591
256+29.26	46.30' Rt.	2,053,276.325	988,933.416
256+53.26	40.15' Rt.	2,053,300.325	988,933.286
256+53.26	46.30' Rt.	2,053,300.358	988,939.433

**M-18
"Monument Record"**
West 1/4 Corner of Section 9-44-8
N.2,054,193.816-E.988,885.733
Recorded August 5, 2010
Document No. 2010R0033360

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1G60109	148828	August 29, 1940
----	148827	August 29, 1940
----	148828	August 29, 1940
----	89R018387	June 13, 1989

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1G60109	Cosmopolitan Bank and Trust as successor to First National Bank of Oak Park, as Trustee under Trust Agreement dated October 16, 1978 and known as Trust No. 11526	79.755*	0.073	0.066	79.682*	A=0.003 B=0.007 C=0.003 D=0.017	148 307 139 N/A	Driveway Construction Driveway Construction Driveway Construction Driveway Construction	14-09-300-001	

* Area based on the N. 1/2 of SW 1/4 Section 9-44-8 Only.

See Sheet 67 for Total Holdings Parcel 1G60109 & 1G60109T.E.-A thru D

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60048
(847) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.U. 0085 (WALKUP ROAD)
SECTION 00-00246-00-FP McHENRY COUNTY
PROJECT JOB NO. R-91-006-06
STATION 252+00 TO STATION 257+00
SCALE: 1"=20' SHEET 50 OF 74

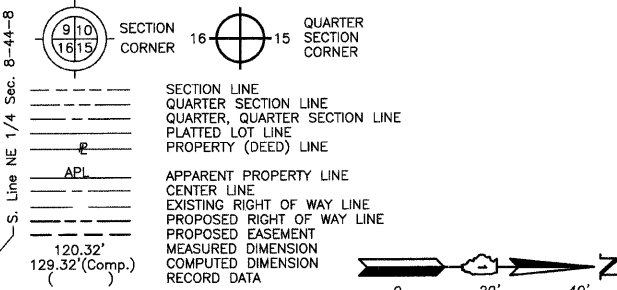
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

PART OF THE SE 1/4 OF SEC. 8 AND PART OF THE SW 1/4 OF SEC. 9, 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 ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1G60109	Cosmopolitan Bank and Trust as successor to First National Bank of Oak Park, as Trustee under Trust Agreement dated October 16, 1978 and known as Trust No. 11526	79.755*	0.073	0.066	79.682*	A=0.003	148	Driveway Construction	14-09-300-001	
B=0.007						307	Driveway Construction			
C=0.003						139	Driveway Construction			
D=0.017						N/A	Driveway Construction			

* Area based on the N. 1/2 of SW 1/4 Section 9-44-8 Only.

LEGEND



- Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (1997) East Zone, according to the H.A.R.N. Network.
- 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 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.
- T3 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION 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 }
 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 8, TOWNSHIP 44N., RANGE 8E. AND SECTION 9, 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 ____ 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
257+74.28	40.15' Rt.	2,053,421.344	988,932.629
257+74.38	50.00' Rt.	2,053,421.505	988,942.475
258+05.46	40.15' Rt.	2,053,452.526	988,932.460
258+05.46	50.00' Rt.	2,053,452.580	988,942.306
258+68.09	45.00' Rt.	2,053,515.185	988,936.966
258+68.12	40.15' Rt.	2,053,515.184	988,932.119
258+96.74	40.15' Rt.	2,053,543.810	988,931.964
258+96.74	45.00' Rt.	2,053,543.837	988,936.810
259+74.75	39.85' Lt.	2,053,621.389	988,851.541
259+74.76	0.15' Rt.	2,053,621.606	988,891.540
259+74.77	40.15' Rt.	2,053,621.824	988,931.540

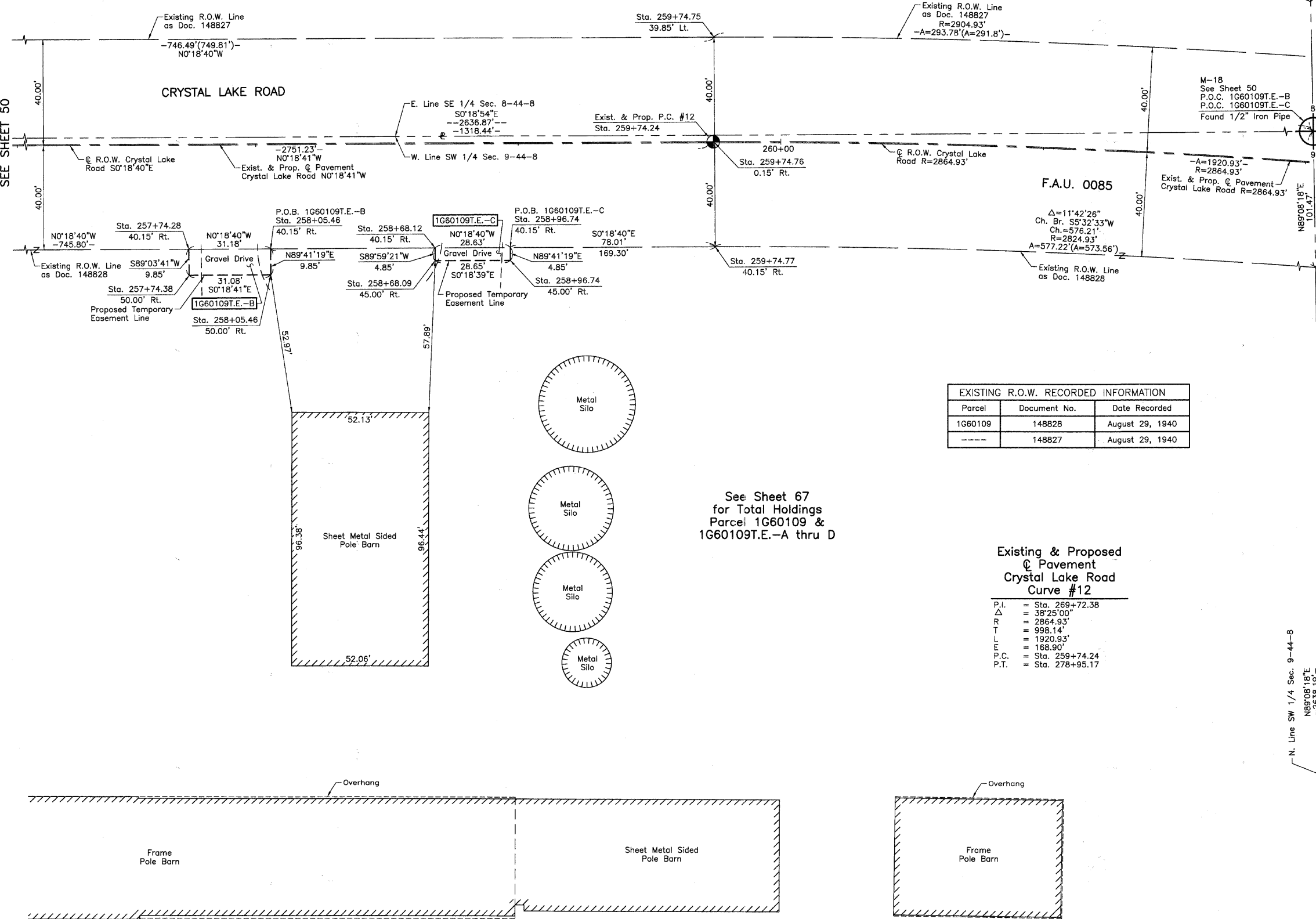
EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
1G60109	148828	August 29, 1940
----	148827	August 29, 1940

Existing & Proposed Pavement Crystal Lake Road Curve #12

P.I. = Sta. 269+72.38
 Δ = 38°25'00"
 R = 2864.93'
 T = 998.14'
 L = 1920.93'
 E = 168.90'
 P.C. = Sta. 259+74.24
 P.T. = Sta. 278+95.17

See Sheet 67 for Total Holdings Parcel 1G60109 & 1G60109T.E.-A thru D

ROW PLAT	MADE	CHECKED	INKEED	DATE

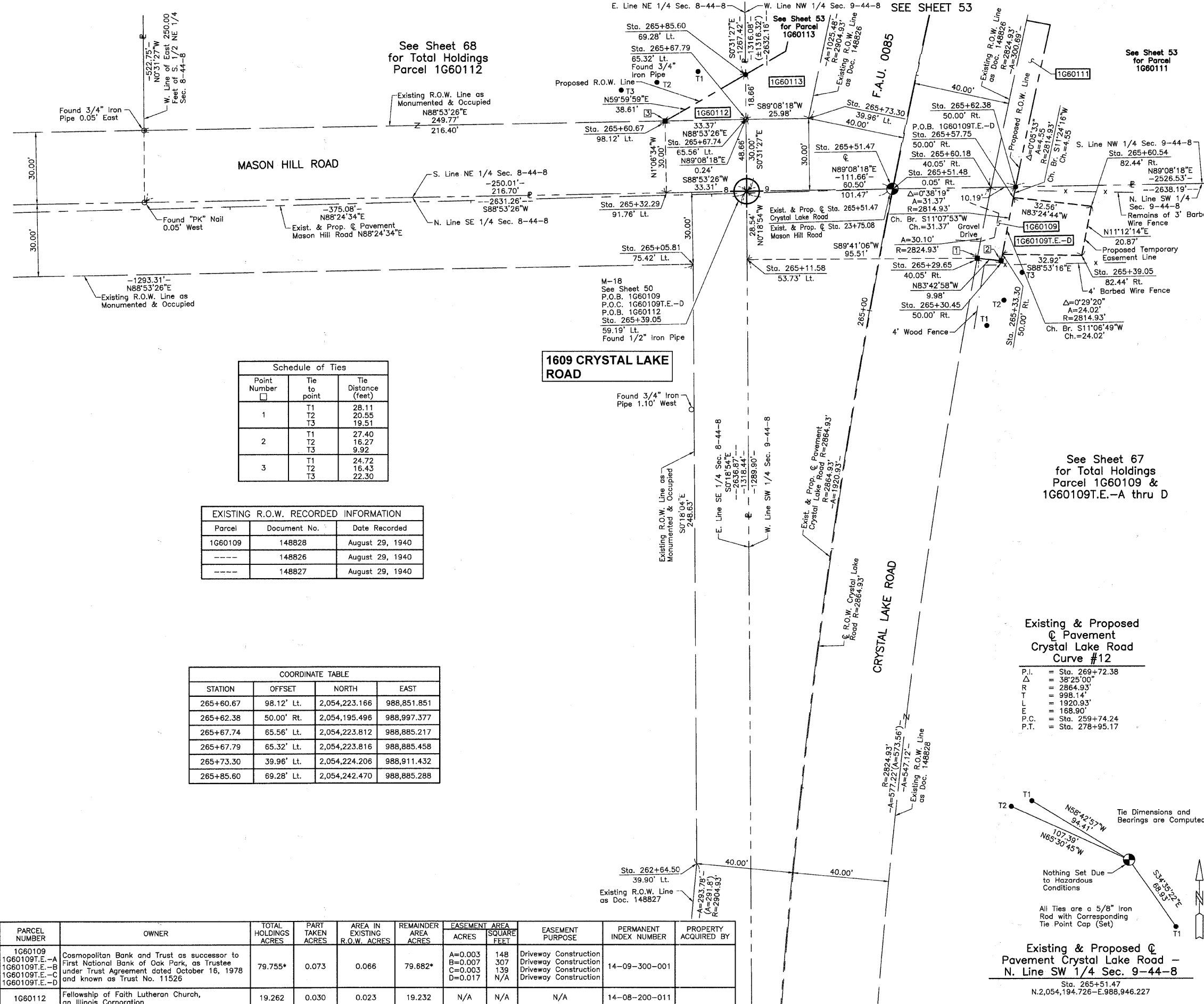


JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 356-3371

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.U. 0085 (WALKUP ROAD)
 SECTION 00-00246-00-FP McHENRY COUNTY
 PROJECT JOB NO. R-91-006-06
 STATION 257+00 TO STATION 262+00
 SCALE: 1"=20' SHEET 51 OF 74

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

PART OF THE E. 1/2 OF SEC. 8 AND PART OF THE W. 1/2 OF SEC. 9, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.



LEGEND

SECTION CORNER 16 QUARTER SECTION CORNER

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

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

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (1997) East Zone, according to the H.A.R.N. Network.

- IRON PIPE OR ROD FOUND
- ⊙ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENT, SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2 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.
- 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.

SCALE: 1"=20'

Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1 T2 T3	28.11 20.55 19.51
2	T1 T2 T3	27.40 16.27 9.92
3	T1 T2 T3	24.72 16.43 22.30

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1G60109	148828	August 29, 1940
-----	148826	August 29, 1940
-----	148827	August 29, 1940

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
265+60.67	98.12' Lt.	2,054,223.166	988,851.851
265+62.38	50.00' Rt.	2,054,195.496	988,997.377
265+67.74	65.56' Lt.	2,054,223.812	988,885.217
265+67.79	65.32' Lt.	2,054,223.816	988,885.458
265+73.30	39.96' Lt.	2,054,224.206	988,911.432
265+85.60	69.28' Lt.	2,054,242.470	988,885.288

Existing & Proposed Pavement Crystal Lake Road Curve #12

P.I.	Sta. 269+72.38
Δ	38°25'00"
R	2864.93'
T	998.14'
L	1920.93'
E	188.90'
P.C.	Sta. 259+74.24
P.T.	Sta. 278+95.17

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
262+64.50	39.90' Lt.	2,053,914.750	988,864.791
265+05.81	75.42' Lt.	2,054,163.380	988,863.484
265+11.58	53.73' Lt.	2,054,165.278	988,885.890
265+29.65	40.05' Rt.	2,054,165.804	988,981.402
265+30.45	50.00' Rt.	2,054,164.711	988,991.320
265+32.29	91.76' Lt.	2,054,193.171	988,852.432
265+33.30	50.00' Rt.	2,054,167.465	988,991.847
265+39.05	59.19' Lt.	2,054,193.816	988,885.733
265+39.05	82.44' Rt.	2,054,166.826	989,024.766
265+51.48	0.05' Rt.	2,054,194.727	988,946.277
265+57.75	50.00' Rt.	2,054,191.035	988,996.478
265+60.18	40.05' Rt.	2,054,195.342	988,987.192
265+60.54	82.44' Rt.	2,054,187.300	989,028.821

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.U. 0085 (WALKUP ROAD)
SECTION 00-00246-00-FP McHENRY COUNTY
PROJECT JOB NO. R-91-006-06
STATION 262+00 TO STATION 266+00 (CRYSTAL LAKE ROAD)
STATION 20+00 TO STATION 23+75.08 (MASON HILL ROAD)
SCALE: 1"=20' SHEET 52 OF 74

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1G60109 1G60109T.E.-A 1G60109T.E.-B 1G60109T.E.-C 1G60109T.E.-D	Cosmopolitan Bank and Trust as successor to First National Bank of Oak Park, as Trustee under Trust Agreement dated October 16, 1978 and known as Trust No. 11526	79.755*	0.073	0.066	79.682*	A=0.003 B=0.007 C=0.003 D=0.017	148 307 139 N/A	Driveway Construction Driveway Construction Driveway Construction Driveway Construction	14-09-300-001	
1G60112	Fellowship of Faith Lutheran Church, an Illinois Corporation	19.262	0.030	0.023	19.232	N/A	N/A	N/A	14-08-200-011	

* Area based on the N. 1/2 of SW 1/4 Section 9-44-8 Only.

DATE	BY

MADE CHECKED INKED
ROW PLAT
NOTEBOOK NO.

PART OF THE E. 1/2 OF SEC. 8 AND PART OF THE W. 1/2 OF SEC. 9, 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
1G60111	LaSalle National Bank as Trustee under Trust Agreement dated December 1, 1989 and known as T15085	37.134	0.016	N/A	37.118	N/A	N/A	14-09-100-021	
1G60113	Charles G. Kozelsky, Mildred E. Kozelsky, Charles T. Kozelsky and Timothy F. Kozelsky	5.026	0.498	0.367	4.528	0.018	Driveway Construction	14-09-100-008	

LEGEND

SECTION CORNER 16 QUARTER SECTION CORNER

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

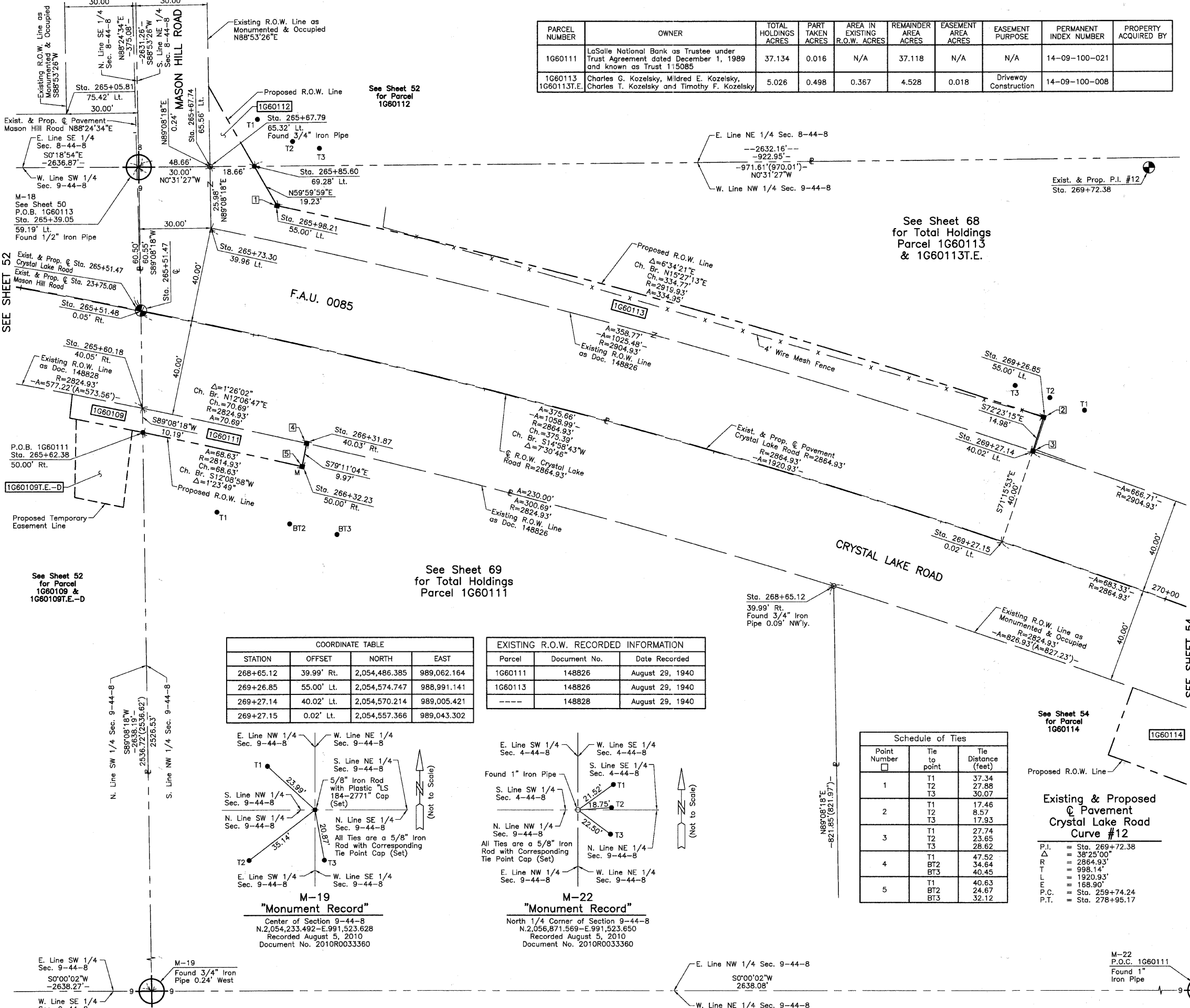
APL
CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (1997) East Zone, according to the H.A.R.N. Network.

SCALE: 1"=20'

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 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.
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 8, TOWNSHIP 44N., RANGE 8E. AND SECTION 9, 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 _____ DAY OF _____ 20__ A.D.

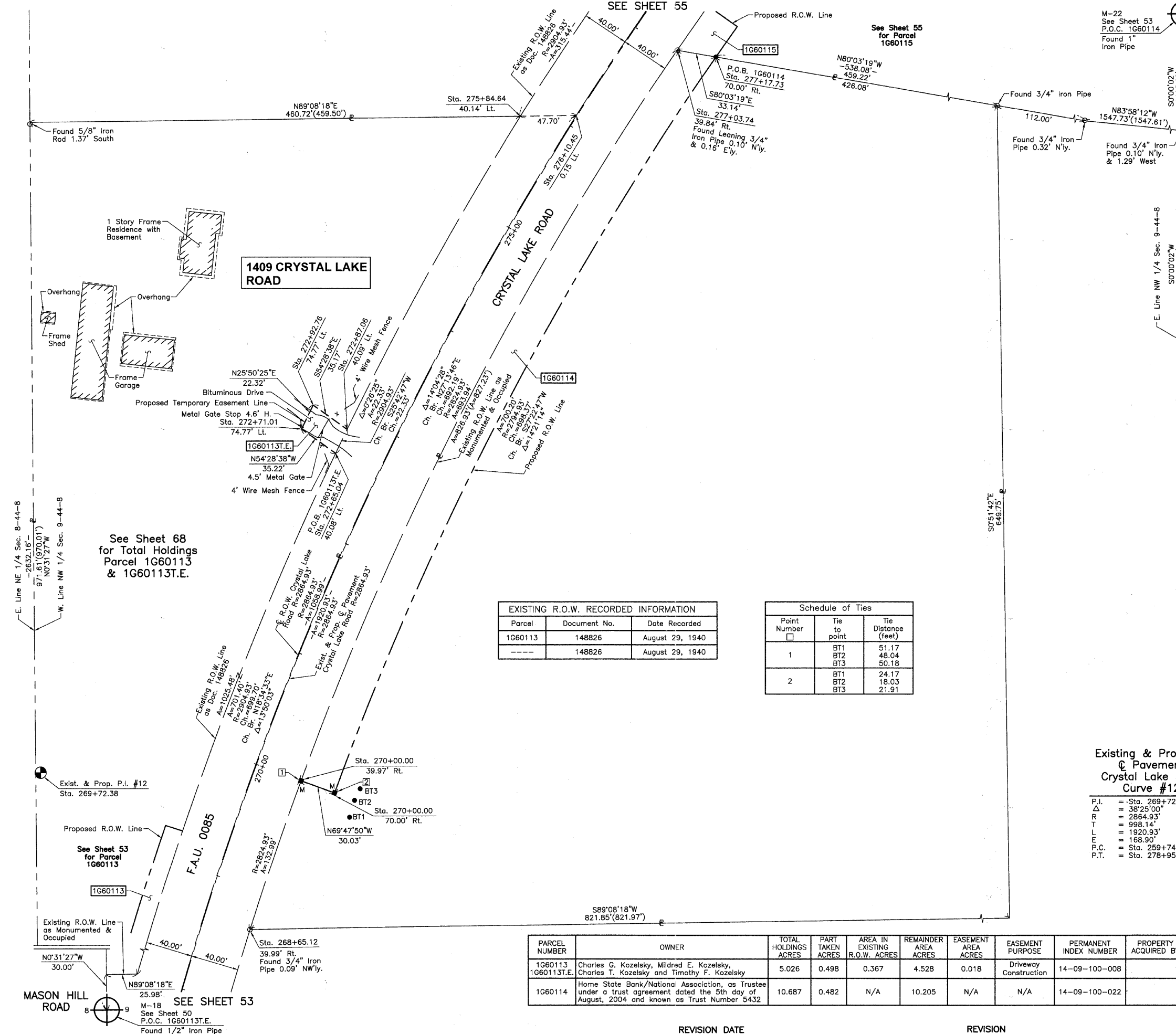
PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2010
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

NOTE: SURFACE COORDINATES ARE SHOWN.

STATION	OFFSET	NORTH	EAST
265+05.81	75.42' Lt.	2,054,163.380	988,863.484
265+39.05	59.19' Lt.	2,054,193.816	988,885.733
265+51.47	€	2,054,194.726	988,946.227
265+51.48	0.05' Rt.	2,054,194.727	988,946.277
265+60.18	40.05' Rt.	2,054,195.342	988,987.192
265+62.38	50.00' Rt.	2,054,195.496	988,997.377
265+67.74	65.56' Lt.	2,054,223.812	988,885.217
265+67.79	65.32' Lt.	2,054,223.816	988,885.458
265+73.30	39.96' Lt.	2,054,224.206	988,911.432
265+85.60	69.28' Lt.	2,054,242.470	988,885.288
265+98.21	55.00' Lt.	2,054,252.085	988,901.940
266+31.87	40.03' Rt.	2,054,264.461	989,002.026
266+32.23	50.00' Rt.	2,054,262.590	989,011.821

ROW PLAT	MADE	CHECKED	LINKED	DATE

PART OF THE NW 1/4 OF SEC. 9, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.



LEGEND

SECTION CORNER 16 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
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (1997) East Zone, according to the H.A.R.N. Network.

○ 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 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 TIE 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 9, 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 _____ DAY OF _____ 20____ A.D.

SCALE: 1"=40'

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1G60113	148826	August 29, 1940
---	148826	August 29, 1940

Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	BT1	51.17
	BT2	48.04
	BT3	50.18
2	BT1	24.17
	BT2	18.03
	BT3	21.91

Existing & Proposed Pavement Crystal Lake Road Curve #12

P.I.	= Sta. 269+72.38
Δ	= 38°25'00"
R	= 2864.93'
T	= 998.14'
L	= 1920.93'
E	= 168.90'
P.C.	= Sta. 259+74.24
P.T.	= Sta. 278+95.17

NOTE: SURFACE COORDINATES ARE SHOWN.

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
268+65.12	39.99' Rt.	2,054,486.385	989,062.164
270+00.00	39.97' Rt.	2,054,612.242	989,105.116
270+00.00	70.00' Rt.	2,054,601.869	989,133.302
272+65.04	40.08' Lt.	2,054,887.449	989,134.327
272+71.01	74.77' Lt.	2,054,907.910	989,105.666
272+87.06	40.09' Lt.	2,054,907.564	989,144.014
272+92.76	74.77' Lt.	2,054,927.996	989,115.394
275+84.64	40.14' Lt.	2,055,171.597	989,289.823
276+10.45	0.15' Lt.	2,055,172.315	989,337.514
277+03.74	39.84' Rt.	2,055,227.727	989,421.830
277+17.73	70.00' Rt.	2,055,222.004	989,454.472

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
1G60113 1G60113T.E.	Charles G. Kozelsky, Mildred E. Kozelsky, Charles T. Kozelsky and Timothy F. Kozelsky	5.026	0.498	0.367	4.528	0.018	Driveway Construction	14-09-100-008	
1G60114	Home State Bank/National Association, as Trustee under a trust agreement dated the 5th day of August, 2004 and known as Trust Number 5432	10.687	0.482	N/A	10.205	N/A	N/A	14-09-100-022	

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60048
(847) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.U. 0085 (WALKUP ROAD)
SECTION 00-00246-00-FP McHENRY COUNTY
PROJECT JOB NO. R-91-006-06
STATION 268+00 TO STATION 277+00
SCALE: 1"=40' SHEET 54 OF 74

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

DATE	BY

ROW PLAT MADE CHECKED INKED NOTEBOOK NO.

PART OF THE NW 1/4 OF SEC. 9, 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 SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1G60115	NBD Trust Company of Illinois, as Trustee under a trust agreement dated the 13th day of December, 1988, known as Trust Number 343-WF	21.500	0.027	N/A	21.473	0.003	116	Driveway Construction	14-09-100-005
1G60116T.E.	Timothy J. Magoon and Lynn C. Magoon, husband and wife, not as joint tenants or as tenants in common, but as tenants by the entirety	4.235	N/A	N/A	4.235	0.004	162	Driveway Construction	14-09-100-019

LEGEND

SECTION CORNER 16 15 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 RIGHT OF WAY LINE
PROPOSED EASEMENT
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (1997) East Zone, according to the H.A.R.N. Network.

○ 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.
● 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.
■ 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 } 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 9, 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 _____ DAY OF _____ 20____ A.D.

NOTE: SURFACE COORDINATES ARE SHOWN.

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
279+78.77	45.00' Rt.	2,055,442.643	989,588.927
280+00.78	39.81' Rt.	2,055,463.165	989,598.421
280+00.99	45.00' Rt.	2,055,460.130	989,602.641
280+11.03	40.19' Lt.	2,055,520.602	989,541.799
282+55.52	39.81' Rt.	2,055,663.612	989,755.628

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1G60115	148826	August 29, 1940
1G60116	148826	August 29, 1940
----	148825	August 29, 1940
----	148826	August 29, 1940

Existing & Proposed Pavement Crystal Lake Road Curve #12

P.I. = Sta. 289+72.38
 Δ = 38°25'00"
 R = 2864.93'
 T = 998.14'
 L = 1920.93'
 E = 168.90'
 P.C. = Sta. 259+74.24
 P.T. = Sta. 278+95.17

Schedule of Ties

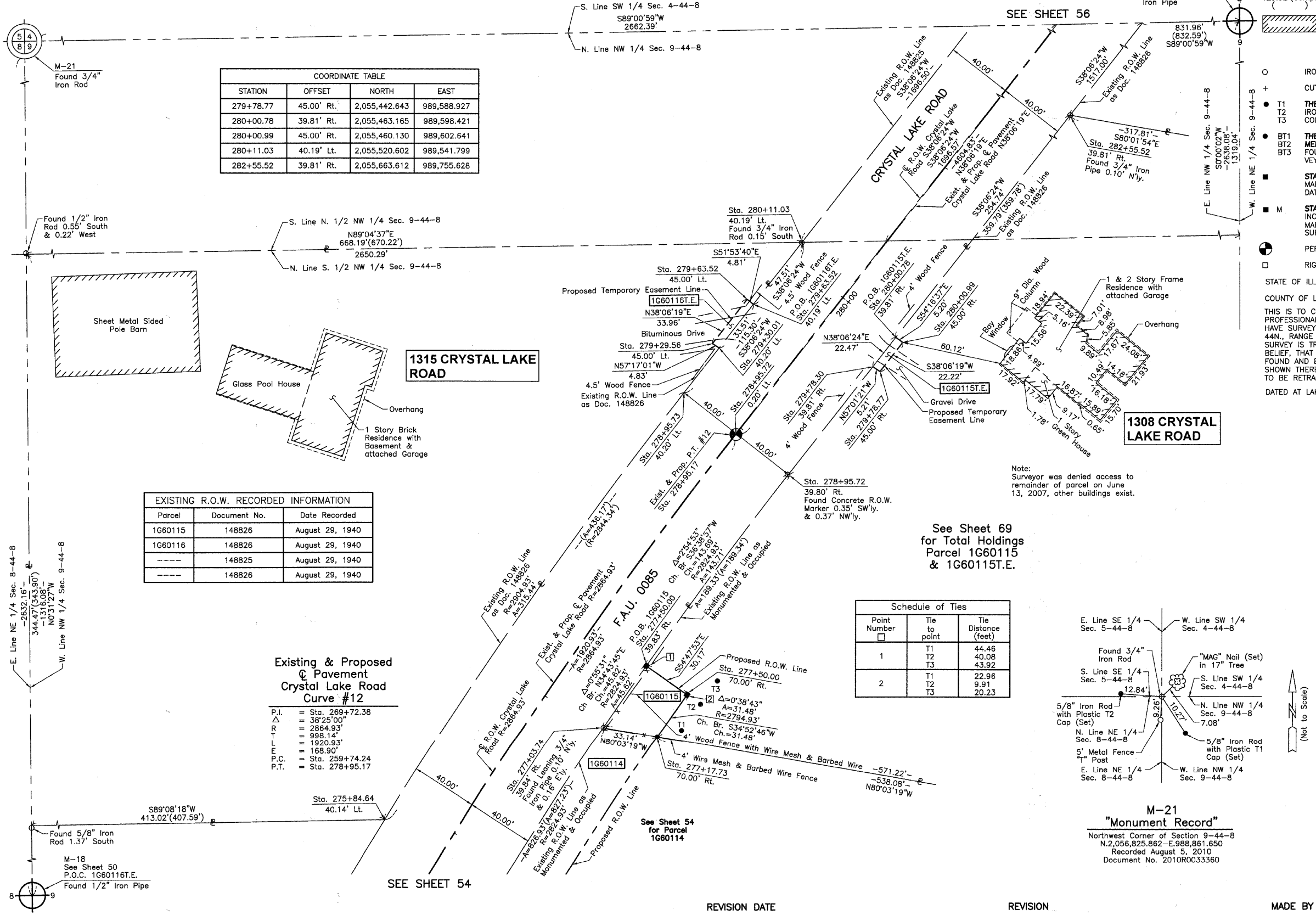
Point Number	Tie to point	Tie Distance (feet)
1	T1	44.46
	T2	40.08
	T3	43.92
2	T1	22.96
	T2	9.91
	T3	20.23

JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60048
 (847) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.U. 0085 (WALKUP ROAD)
 SECTION 00-00246-00-FP McHENRY COUNTY
 PROJECT JOB NO. R-91-006-06
 STATION 275+00 TO STATION 283+00
 SCALE: 1"=30' SHEET 55 OF 74

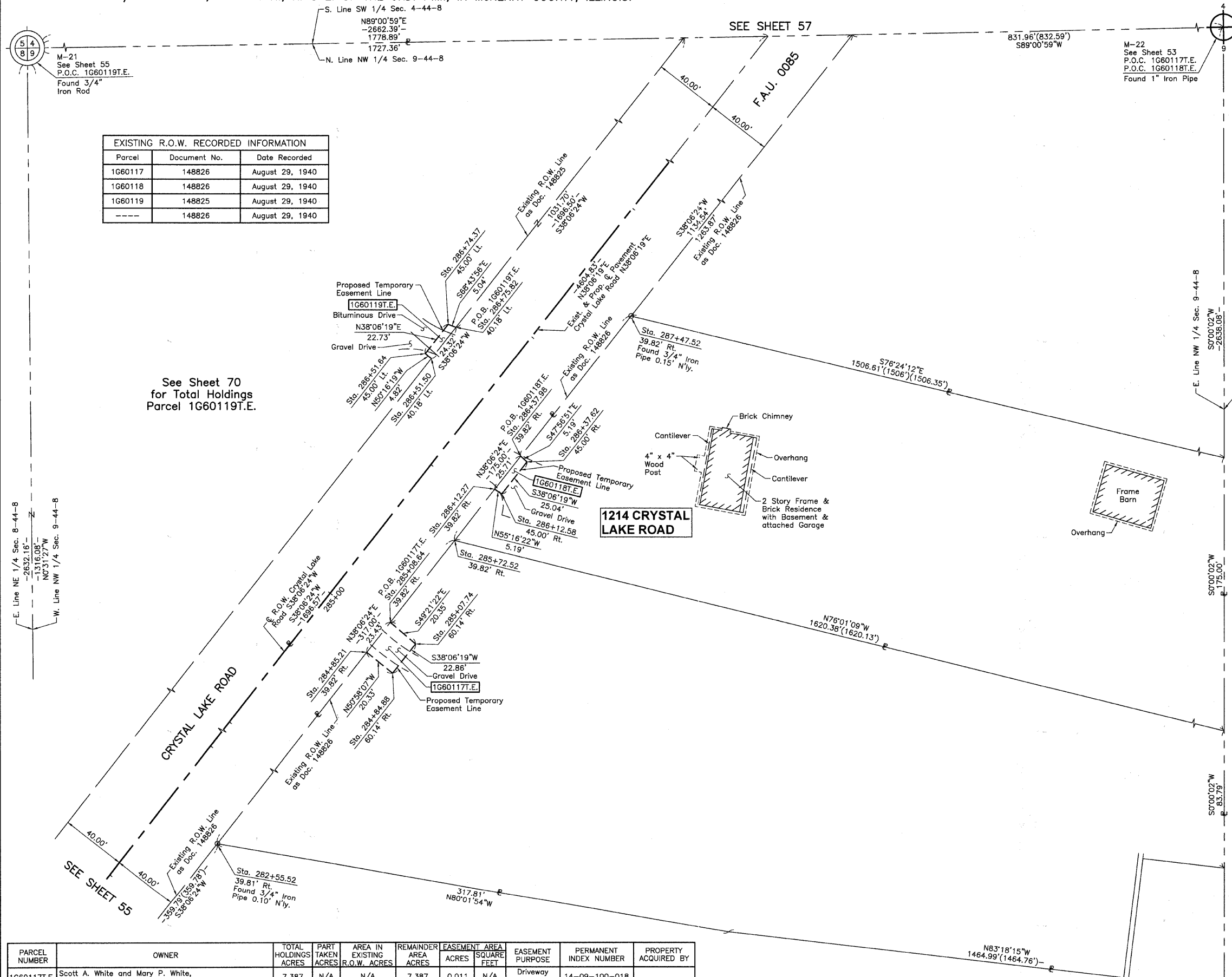
BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196



DATE	BY

ROW PLAT	MADE	CHECKED	INKED	NOTEBOOK NO.

PART OF THE NW 1/4 OF SEC. 9, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.



EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
1G60117	148826	August 29, 1940
1G60118	148826	August 29, 1940
1G60119	148826	August 29, 1940
----	148826	August 29, 1940

See Sheet 70 for Total Holdings Parcel 1G60119T.E.

LEGEND

SECTION CORNER 16 15 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 RIGHT OF WAY LINE
 PROPOSED EASEMENT
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORD DATA

120.32'
 129.32'(Comp.)

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (1997) East Zone, according to the H.A.R.N. Network.

○ 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 }

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 9, 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 ____ DAY OF ____ 20__ A.D.

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.

PRESIDENT

STATION	OFFSET	NORTH	EAST
282+55.52	39.81' Rt.	2,055,663.612	989,755.628
284+84.88	60.14' Rt.	2,055,831.547	989,913.169
284+85.21	39.82' Rt.	2,055,844.350	989,897.378
285+07.74	60.14' Rt.	2,055,849.536	989,927.277
285+08.64	39.82' Rt.	2,055,862.788	989,911.839
285+72.52	39.82' Rt.	2,055,913.048	989,951.257
286+12.27	39.82' Rt.	2,055,944.330	989,975.791
286+12.58	45.00' Rt.	2,055,941.373	989,980.056
286+37.62	45.00' Rt.	2,055,961.079	989,995.510
286+37.98	39.82' Rt.	2,055,964.557	989,991.654
286+51.50	40.18' Lt.	2,056,024.568	989,937.051
286+51.64	45.00' Lt.	2,056,027.650	989,933.343
286+74.37	45.00' Lt.	2,056,045.533	989,947.367
286+75.82	40.18' Lt.	2,056,043.706	989,952.060
287+47.52	39.82' Rt.	2,056,050.750	990,059.254

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.U. 0085 (WALKUP ROAD)
 SECTION 00-00246-00-FP McHENRY COUNTY
 PROJECT JOB NO. R-91-006-06
 STATION 282+00 TO STATION 288+00
 SCALE: 1"=30' SHEET 56 OF 74

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

ROW PLAT	MADE	CHECKED	INKED	DATE

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1G60117T.E.	Scott A. White and Mary P. White, husband and wife, as joint tenants	7.387	N/A	N/A	7.387	0.011	N/A	Driveway Construction	14-09-100-018	
1G60118T.E.	Renee Reynolds, a single person, and Michael G. Miller, a single person, as joint tenants	5.912	N/A	N/A	5.912	0.003	131	Driveway Construction	14-09-100-017	
1G60119T.E.	Kathryn Schulz Daly, as to an undivided 1/4 interest, John E. Daly, as to an undivided 1/4 interest, Dennis P. Daly, as trustee under the Dennis P. Daly Trust dated February 12, 1996, as to an undivided 1/4 interest, and Mary M. Gustafson, as to an undivided 1/4 interest, all as tenants in common	77.183*	N/A	N/A	77.183*	0.003	113	Driveway Construction	14-09-100-001	

* Area based on the NE 1/4 NE 1/4 of Sec. 8 and the N. 1/2 NW 1/4 Sec. 9-44-8 lying Westerly of Q Crystal Lake Road.

PART OF THE NW 1/4 OF SEC. 9, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
1G60120	148826	August 29, 1940
1G60121	148826	August 29, 1940
----	148825	August 29, 1940
----	148826	August 29, 1940

M-22
See Sheet 53
P.O.C. 1G60120T.E.
P.O.C. 1G60121T.E.
Found 1" Iron Pipe

LEGEND

SECTION CORNER 16 15 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
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA

EXISTING BUILDING

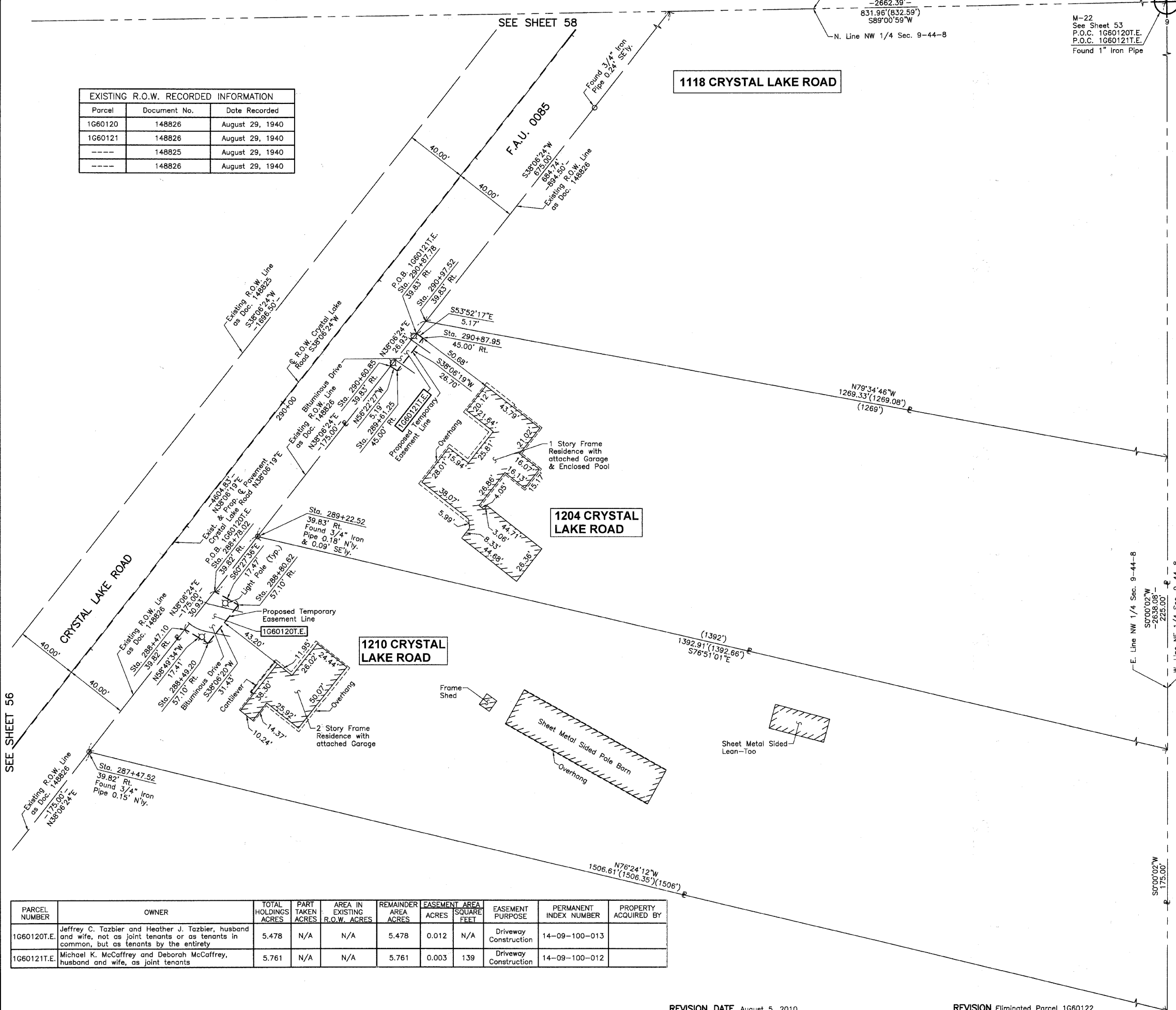
Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (1997) East Zone, according to the H.A.R.N. Network.

○ 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 TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
● 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.
■ 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)

SCALE: 1"=30'



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 9, 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 _____ DAY OF _____ 20____ A.D.

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
287+47.52	39.82' Rt.	2,056,050.750	990,059.254
288+47.10	39.82' Rt.	2,056,129.104	990,120.706
288+49.20	57.10' Rt.	2,056,120.094	990,135.599
288+78.02	39.82' Rt.	2,056,153.439	990,139.792
288+80.62	57.10' Rt.	2,056,144.824	990,154.994
289+22.52	39.83' Rt.	2,056,188.451	990,167.251
290+60.85	39.83' Rt.	2,056,297.299	990,252.619
290+61.25	45.00' Rt.	2,056,294.426	990,256.938
290+67.78	39.83' Rt.	2,056,318.487	990,269.236
290+87.95	45.00' Rt.	2,056,315.437	990,273.415
290+97.52	39.83' Rt.	2,056,326.152	990,275.248

ROW PLAT	DATE
MADE	
CHECKED	
INKED	
NOTEBOOK NO.	

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1G60120T.E.	Jeffrey C. Tazbier and Heather J. Tazbier, husband and wife, not as joint tenants or as tenants in common, but as tenants by the entirety	5.478	N/A	N/A	5.478	0.012	N/A	Driveway Construction	14-09-100-013
1G60121T.E.	Michael K. McCaffrey and Deborah McCaffrey, husband and wife, as joint tenants	5.761	N/A	N/A	5.761	0.003	139	Driveway Construction	14-09-100-012

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.U. 0085 (WALKUP ROAD)
SECTION 00-00246-00-FP McHENRY COUNTY
PROJECT JOB NO. R-91-006-06
STATION 287+00 TO STATION 293+00
SCALE: 1"=30' SHEET 57 OF 74

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

REVISION DATE August 5, 2010

REVISION Eliminated Parcel 1G60122

MADE BY

PART OF THE SW 1/4 OF SEC. 4 AND PART OF THE NW 1/4 OF SEC. 9, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
1G60125	148823	August 29, 1940
----	148824	August 29, 1940
----	148825	August 29, 1940
----	148826	August 29, 1940
----	2006R0081409	November 3, 2006

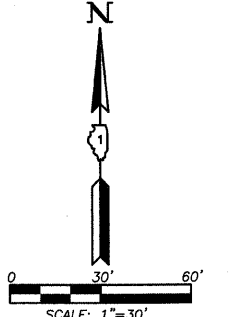
SEE SHEET 59

PATRIOT ESTATES
Recorded November 3, 2006
as Document No. 2006R0081409

OUTLOT A

LEGEND

- SECTION CORNER 16
- 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 RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING



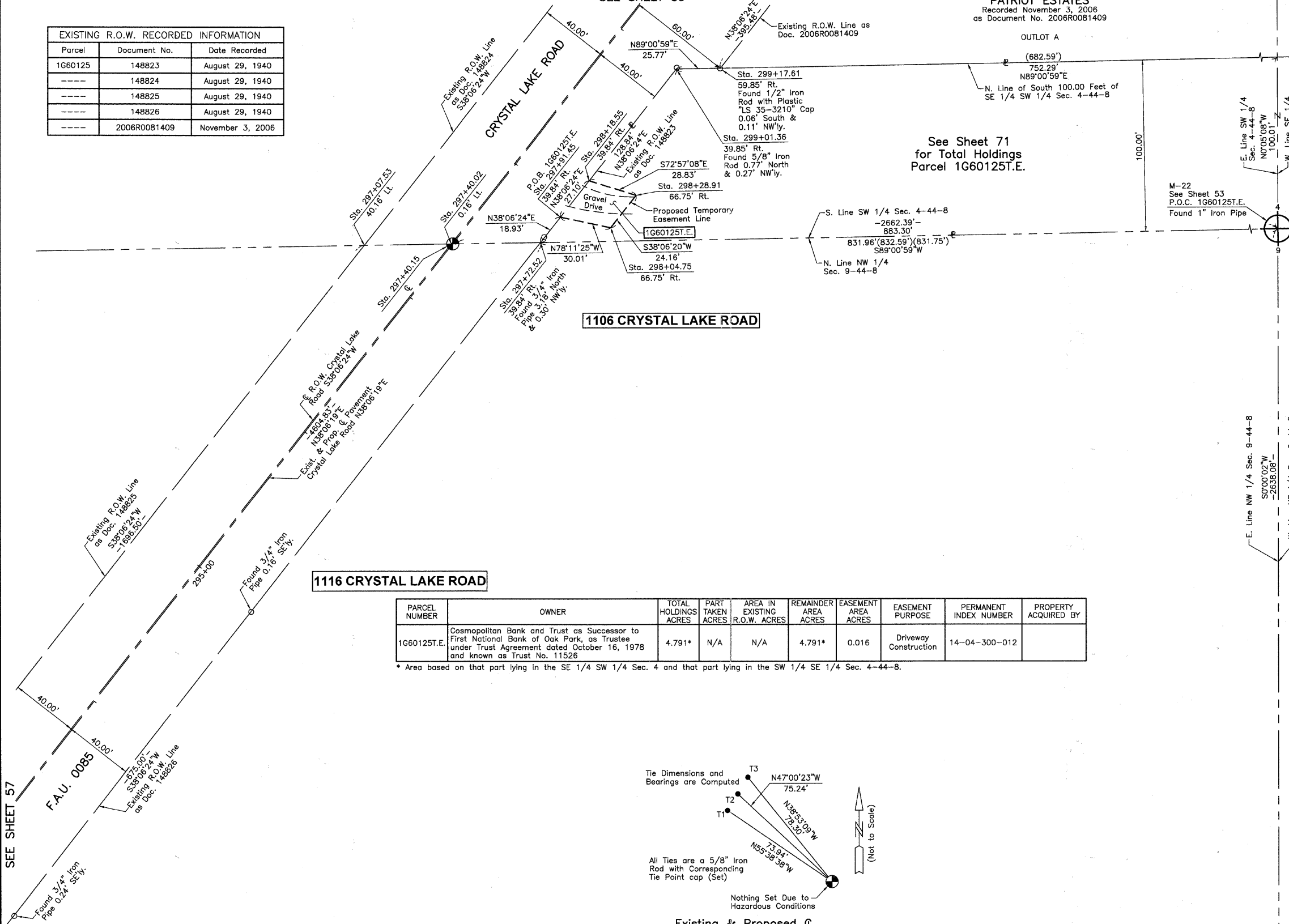
- Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (1997) East Zone, according to the H.A.R.N. Network.
- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO 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 TIE 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 4, TOWNSHIP 44N., RANGE 8E. AND SECTION 9, 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 ____ 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.

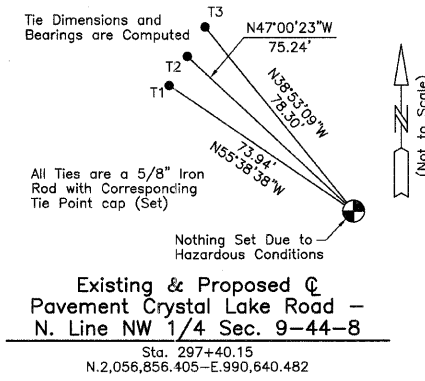
NOTE: SURFACE COORDINATES ARE SHOWN.

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
297+07.53	40.16' Lt.	2,056,855.516	990,588.751
297+40.02	0.16' Lt.	2,056,856.401	990,640.279
297+72.52	39.84' Rt.	2,056,857.286	990,691.808
297+91.45	39.84' Rt.	2,056,872.182	990,703.490
298+04.75	66.75' Rt.	2,056,866.039	990,732.870
298+18.55	39.84' Rt.	2,056,893.506	990,720.214
298+28.91	66.75' Rt.	2,056,885.052	990,747.782
299+01.36	39.85' Rt.	2,056,958.666	990,771.319
299+17.61	59.85' Rt.	2,056,959.108	990,797.083



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
1G60125T.E.	Cosmopolitan Bank and Trust as Successor to First National Bank of Oak Park, as Trustee under Trust Agreement dated October 16, 1978 and known as Trust No. 11526	4.791*	N/A	N/A	4.791*	0.016	Driveway Construction	14-04-300-012	

* Area based on that part lying in the SE 1/4 SW 1/4 Sec. 4 and that part lying in the SW 1/4 SE 1/4 Sec. 4-44-8.



Existing & Proposed Pavement Crystal Lake Road - N. Line NW 1/4 Sec. 9-44-8
Sta. 297+40.15
N.2,056,856.405-E.990,640.482

ROW PLAT	DATE
MADE	
CHECKED	
INKED	
NOTEBOOK NO.	

SEE SHEET 57

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.U. 0085 (WALKUP ROAD)
SECTION 00-00246-00-FP McHENRY COUNTY
PROJECT JOB NO. R-91-006-06
STATION 292+00 TO STATION 299+00
SCALE: 1"=30' SHEET 58 OF 74

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

REVISION DATE August 5, 2010

REVISION Eliminated Parcels 1G60123 & 1G60124

MADE BY

PART OF THE SW 1/4 OF SEC. 4, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

LEGEND

SECTION CORNER 16 QUARTER SECTION CORNER

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

API
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

SCALE: 1"=30'

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (1997) East Zone, according to the H.A.R.N. Network.

○ 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 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 TIE 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.

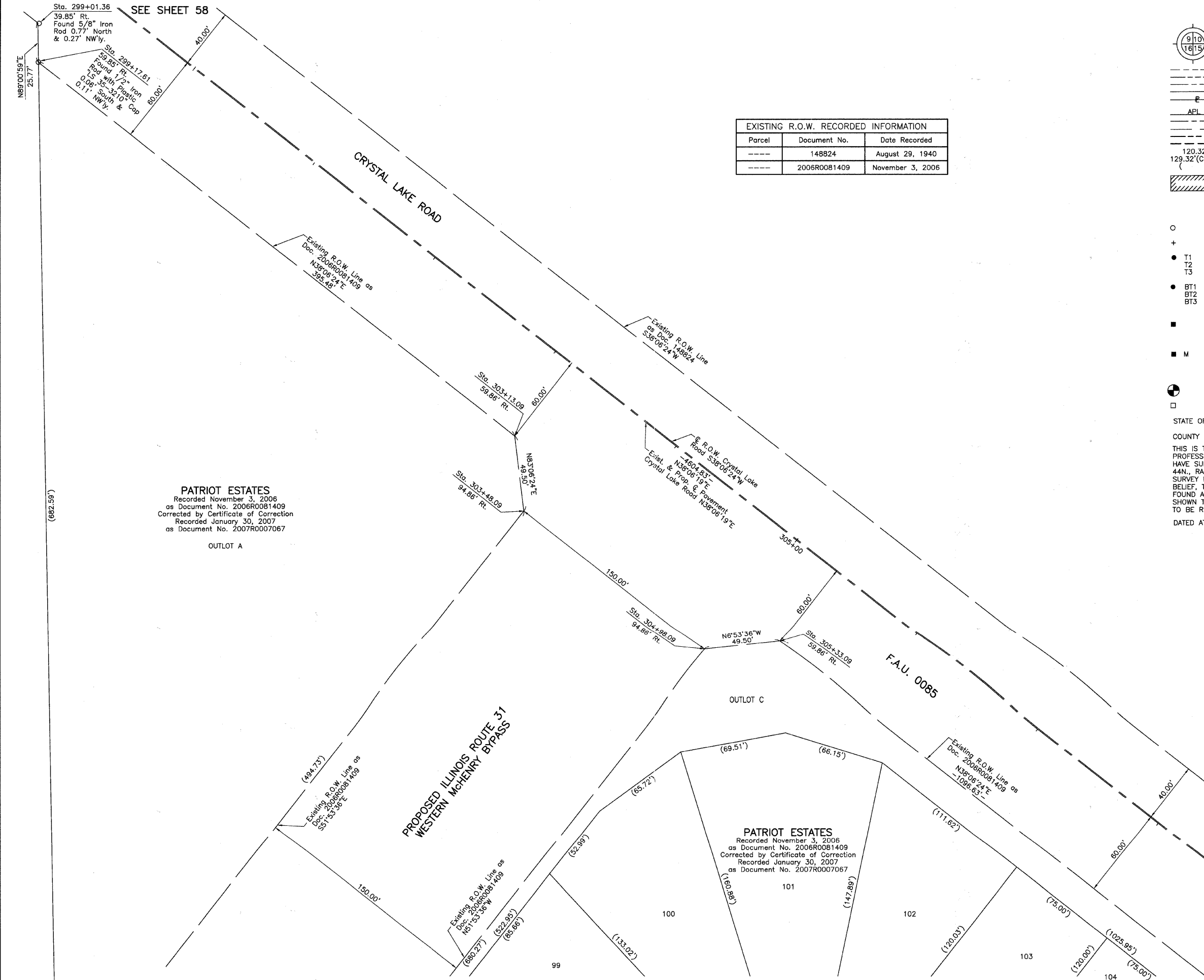
■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

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

□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
----	148824	August 29, 1940
----	2006R0081409	November 3, 2006



PATRIOT ESTATES
Recorded November 3, 2006
as Document No. 2006R0081409
Corrected by Certificate of Correction
Recorded January 30, 2007
as Document No. 2007R0007067

OUTLOT A

PATRIOT ESTATES
Recorded November 3, 2006
as Document No. 2006R0081409
Corrected by Certificate of Correction
Recorded January 30, 2007
as Document No. 2007R0007067

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 4, 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 ____ 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.

STATION	OFFSET	NORTH	EAST
299+01.36	39.85' Rt.	2,056,958.666	990,771.319
299+17.61	59.85' Rt.	2,056,959.108	990,797.083
303+13.09	59.86' Rt.	2,057,270.298	991,041.144
303+48.09	94.86' Rt.	2,057,276.238	991,090.283
304+98.09	94.86' Rt.	2,057,394.268	991,182.852
305+33.09	59.86' Rt.	2,057,443.408	991,176.911

ROW PLAT	DATE
MADE	
CHECKED	
INKED	
NOTEBOOK NO.	

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.U. 0085 (WALKUP ROAD)

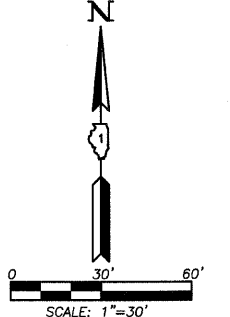
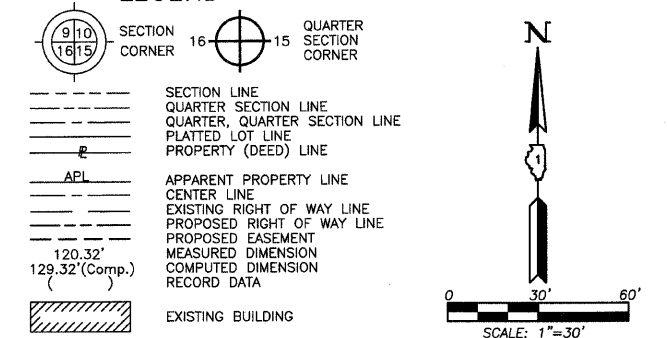
SECTION 00-00246-00-FP McHENRY COUNTY
PROJECT JOB NO. R-91-006-06
STATION 299+00 TO STATION 309+00
SCALE: 1"=30' SHEET 59 OF 74

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

PART OF THE EAST 1/2 OF SEC. 32, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

CRYSTAL RIDGE UNIT ONE
Recorded December 12, 1989
as Document No. 89R042473

LEGEND



- Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (1987) East Zone, according to the H.A.R.N. Network.
- 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 TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - BT1 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.

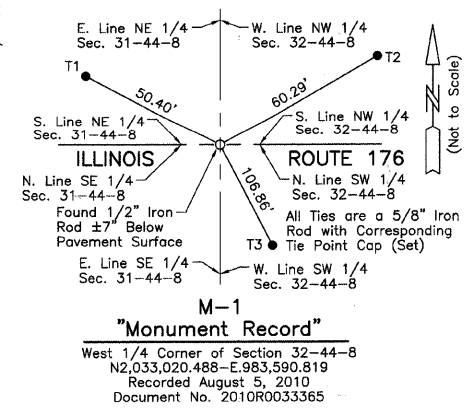
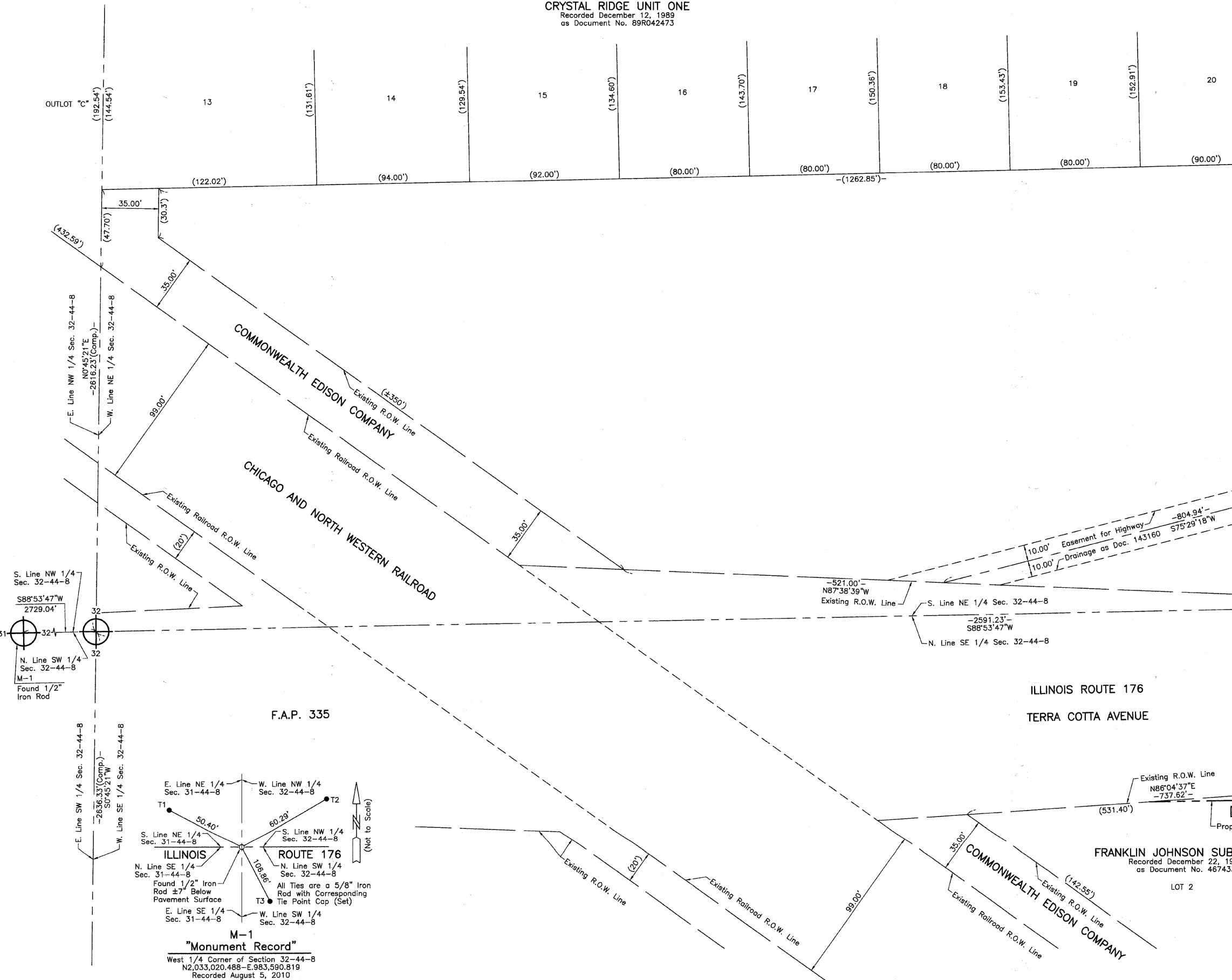
STATE OF ILLINOIS }
COUNTY OF LAKE }SS

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 32, 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 _____ 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.

DATE	
BY	
MADE	
CHECKED	
LINKED	
NOTEBOOK NO.	



"Monument Record"
West 1/4 Corner of Section 32-44-8
N2,033,020.488-E,983,590.819
Recorded August 5, 2010
Document No. 2010R0033365

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

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.U. 0085 (WALKUP ROAD)
SECTION 00-00246-00-FP McHENRY COUNTY
PROJECT JOB NO. R-91-006-06
STATION NONE TO STATION
SCALE: 1"=30' SHEET 60 OF 74

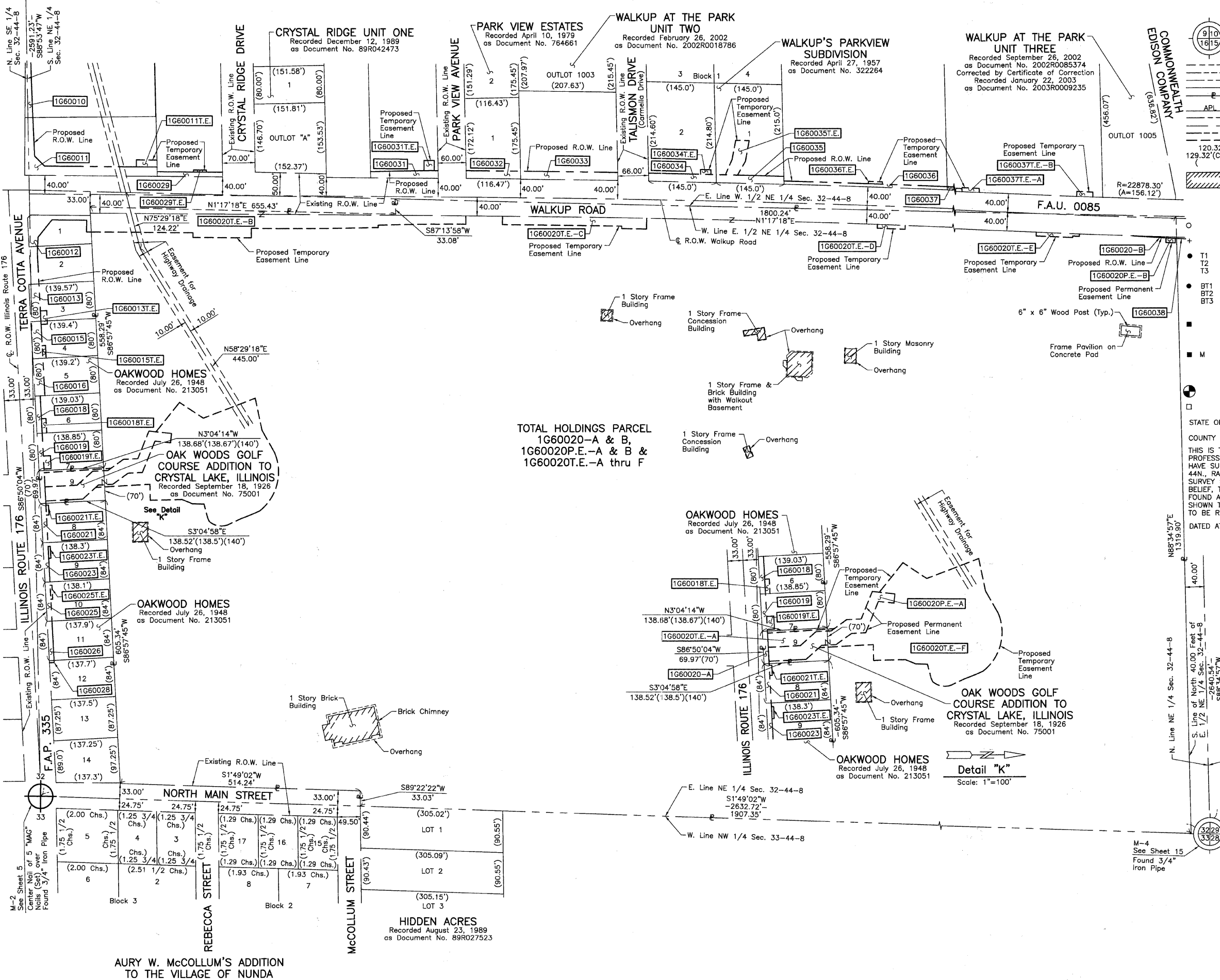
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

REVISION DATE October 4, 2010

REVISION Eliminated Parcel 1G60009T.E.

MADE BY

PART OF THE NE 1/4 OF SEC. 32, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.



LEGEND

SECTION CORNER 16 15 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 RIGHT OF WAY LINE
 PROPOSED EASEMENT
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORD DATA

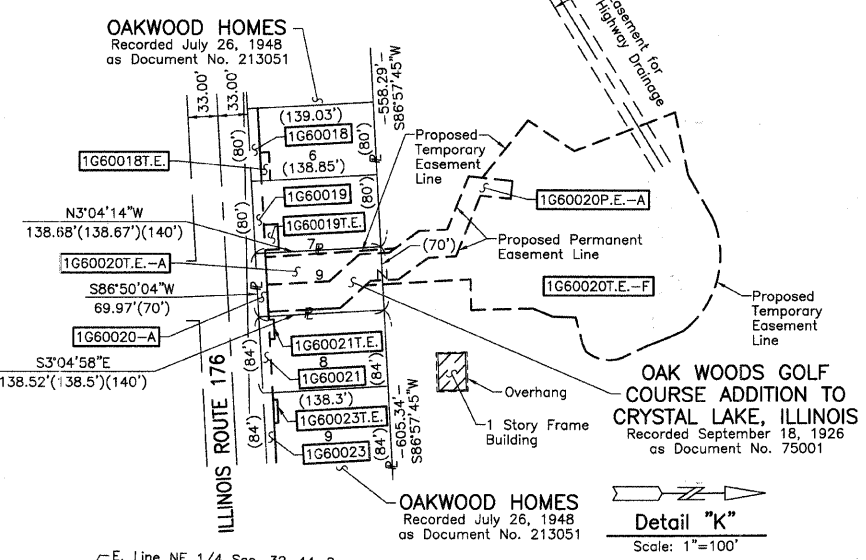
EXISTING BUILDING

Scale: 1"=100'

0 100' 200'

- Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (1987) East Zone, according to the H.A.R.N. Network.
- IRON PIPE OR ROD FOUND
 - ⊕ "MAG" NAIL SET
 - CUT CROSS FOUND OR SET
 - 5/8" REBAR SET
 - T1 THESE STAKES 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.

TOTAL HOLDINGS PARCEL
 1G60020-A & B,
 1G60020P.E.-A & B &
 1G60020T.E.-A thru F



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 32, 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 ____ DAY OF _____ 20__ A.D.

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.

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

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.U. 0085 (WALKUP ROAD)
 SECTION 00-00246-00-FP McHENRY COUNTY
 PROJECT JOB NO. R-91-006-06
 STATION NONE TO STATION
 SCALE: 1"=100' SHEET 61 OF 74

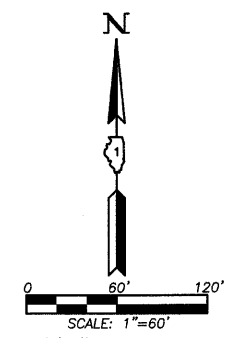
BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

BY	DATE
MADE	
CHECKED	
INKED	
NOTEBOOK NO.	

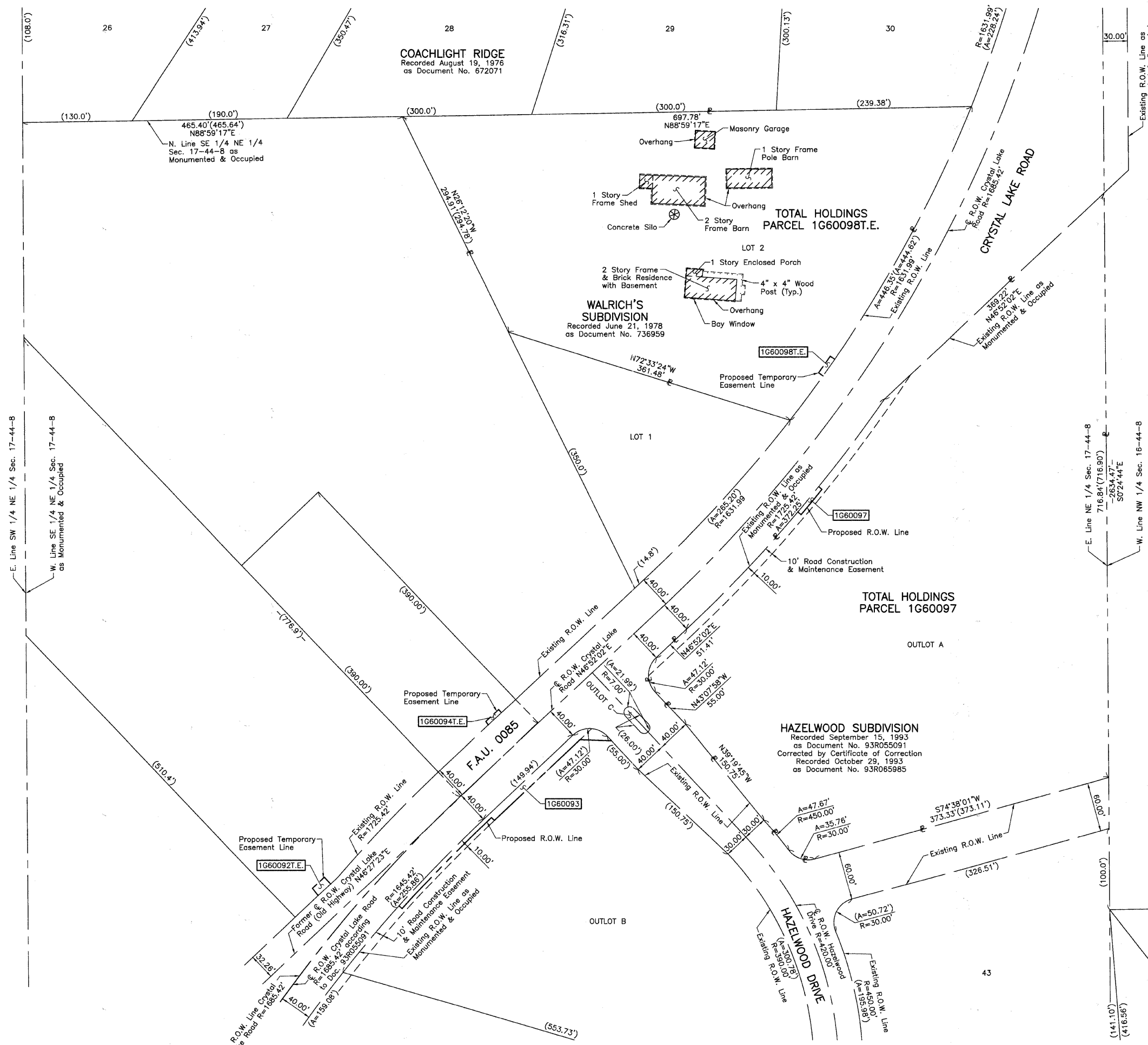
PART OF THE NW 1/4 OF SEC. 16 AND PART OF THE NE 1/4 OF SEC. 17, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

LEGEND

- SECTION CORNER 16
 - 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 RIGHT OF WAY LINE
 - PROPOSED EASEMENT
 - MEASURED DIMENSION
 - COMPUTED DIMENSION
 - RECORD DATA
 - EXISTING BUILDING
- Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (1997) East Zone, according to the H.A.R.N. Network.
- 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 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.
 - BT3 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.
 - 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.



ROW PLAT	DATE	BY
MADE		
CHECKED		
INKED		
NOTEBOOK NO.		



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 16, TOWNSHIP 44N., RANGE 8E. AND SECTION 17, 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 _____ 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.

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.U. 0085 (WALKUP ROAD)
 SECTION 00-00246-00-FP McHENRY COUNTY
 PROJECT JOB NO. R-91-006-06
 STATION NONE TO STATION
 SCALE: 1"=60' SHEET 64 OF 74

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

REVISION DATE August 5, 2010

REVISION Eliminated Parcels 1G60095 & 1G60096

MADE BY

PART OF THE EAST 1/2 OF SEC. 8 AND PART OF THE WEST 1/2 OF SEC. 9, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

LEGEND

SECTION CORNER 16 QUARTER SECTION CORNER

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

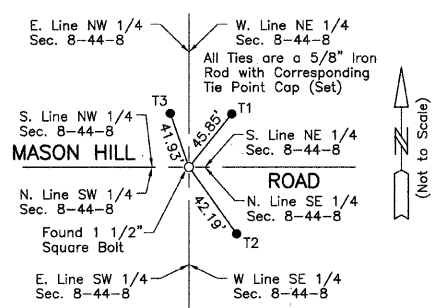
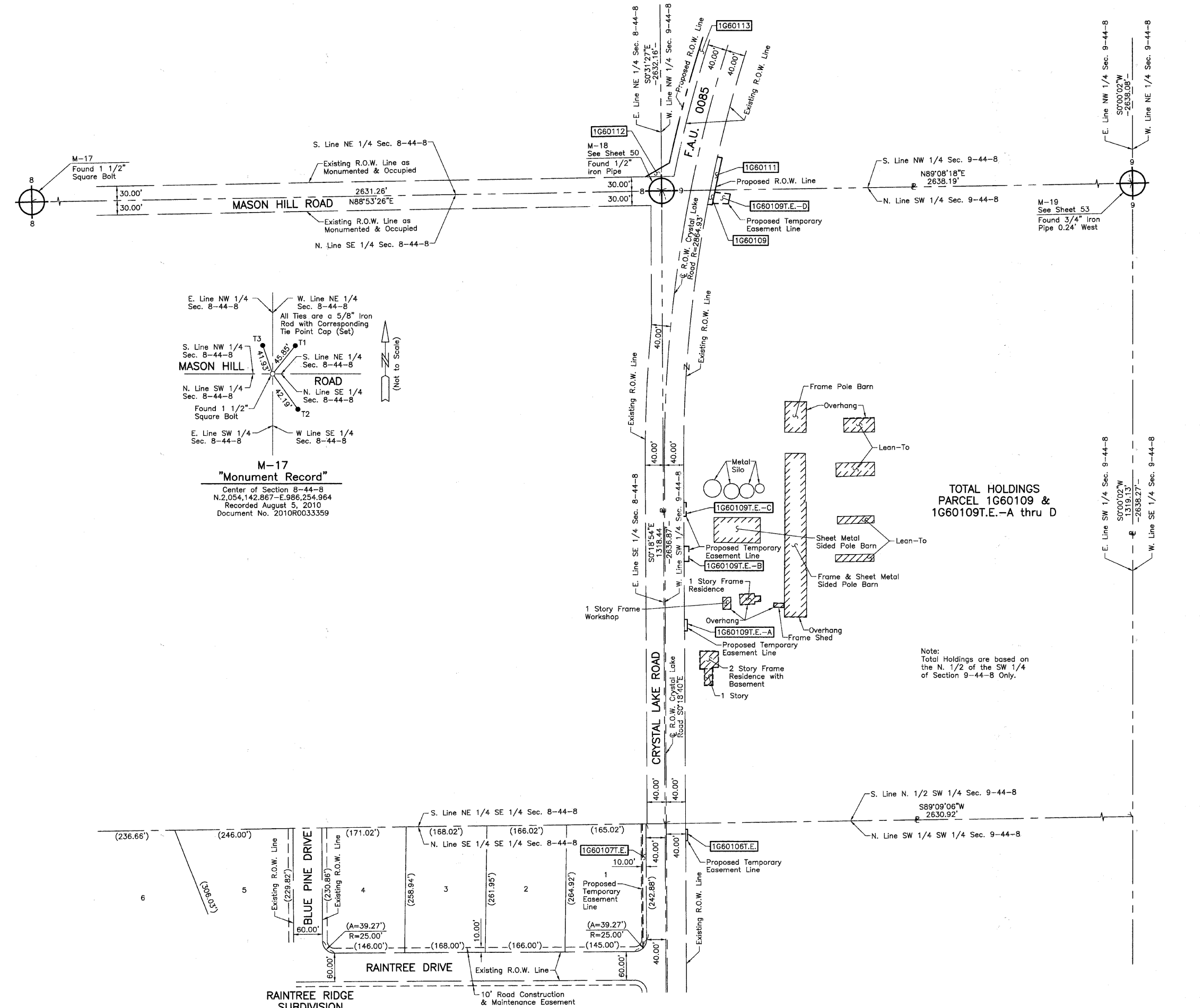
APL APPARENT PROPERTY LINE
 CENTER LINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 PROPOSED EASEMENT
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORD DATA

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD83 (1997) East Zone, according to the H.A.R.N. Network.

SCALE: 1"=100'

0 100' 200'



M-17 "Monument Record"
 Center of Section 8-44-8
 N.2,054,142.867-E.986,254.964
 Recorded August 5, 2010
 Document No. 2010R0033359

- 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 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 TIE 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 8, TOWNSHIP 44N., RANGE 8E. AND SECTION 9, 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 ____ 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.

ROW PLAT	MADE	DATE
	CHECKED	
	INKED	
NOTEBOOK NO.		

Note:
 Total Holdings are based on the N. 1/2 of the SW 1/4 of Section 9-44-8 Only.

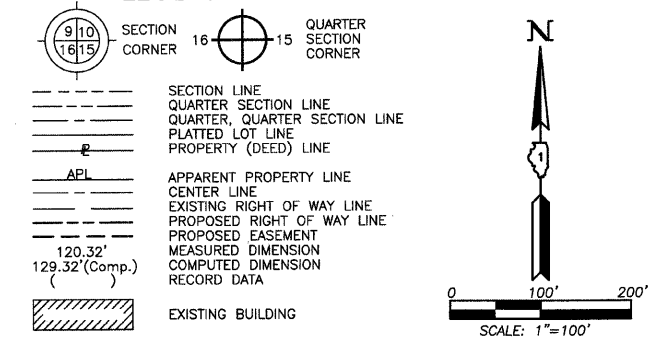
JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 356-3371

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.U. 0085 (WALKUP ROAD)
 SECTION 00-00246-00-FP McHENRY COUNTY
 PROJECT JOB NO. R-91-006-06
 STATION NONE TO STATION
 SCALE: 1"=100' SHEET 67 OF 74

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

PART OF THE SOUTH 1/2 OF SEC. 4, TWP. 44 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

LEGEND

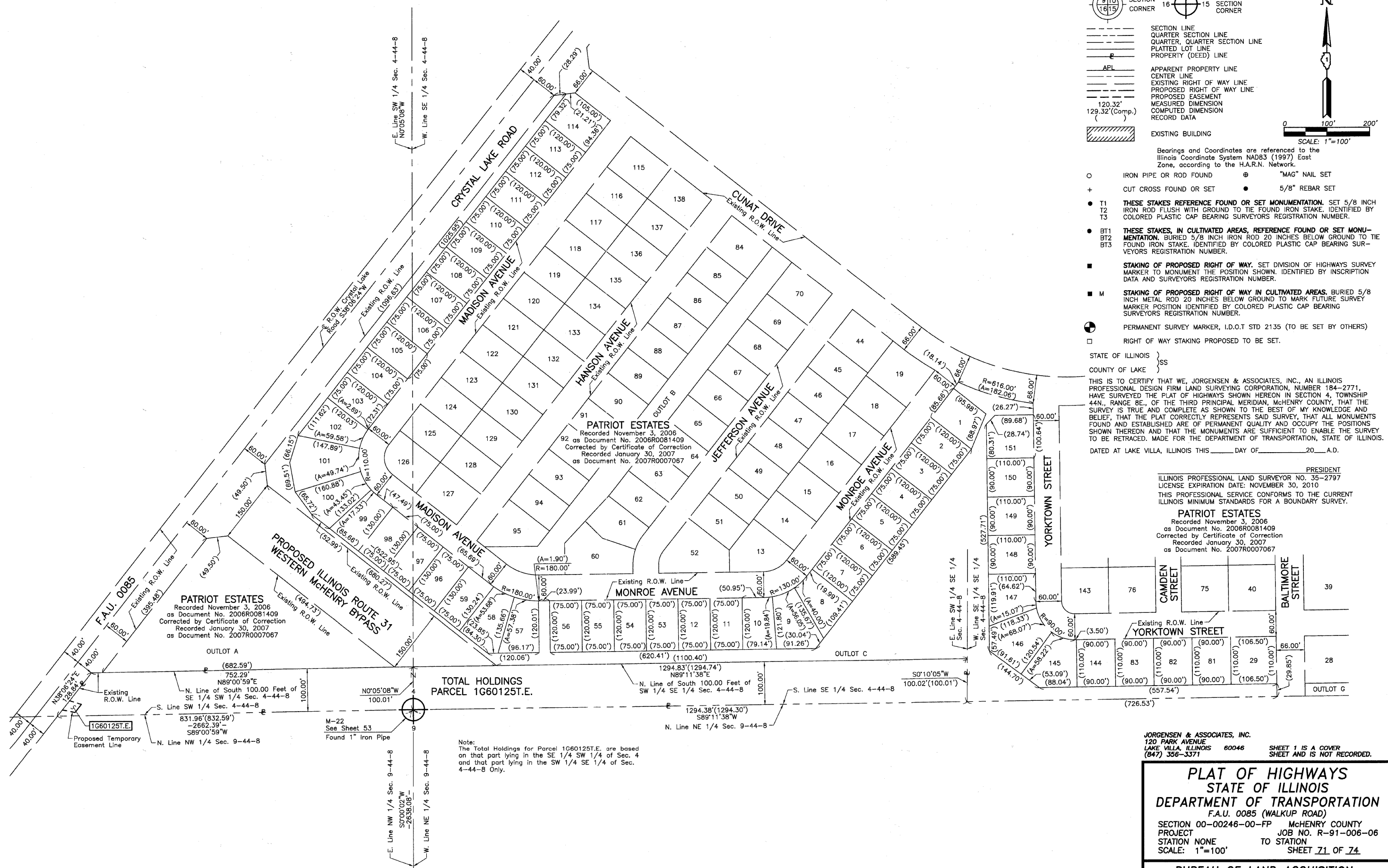


- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2 THESE STAKES, 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.
- T3 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.
- 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 }
 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 4, 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 ____ 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.
PATRIOT ESTATES
 Recorded November 3, 2006
 as Document No. 2006R0081409
 Corrected by Certificate of Correction
 Recorded January 30, 2007
 as Document No. 2007R0007067

BY	DATE
MADE	
CHECKED	
INKED	
NOTEBOOK NO.	



Note:
 The Total Holdings for Parcel 1G60125T.E. are based on that part lying in the SE 1/4 SW 1/4 of Sec. 4 and that part lying in the SW 1/4 SE 1/4 of Sec. 4-44-8 Only.

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

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.U. 0085 (WALKUP ROAD)
 SECTION 00-00246-00-FP McHENRY COUNTY
 PROJECT JOB NO. R-91-006-06
 STATION NONE TO STATION
 SCALE: 1"=100' SHEET 71 OF 74

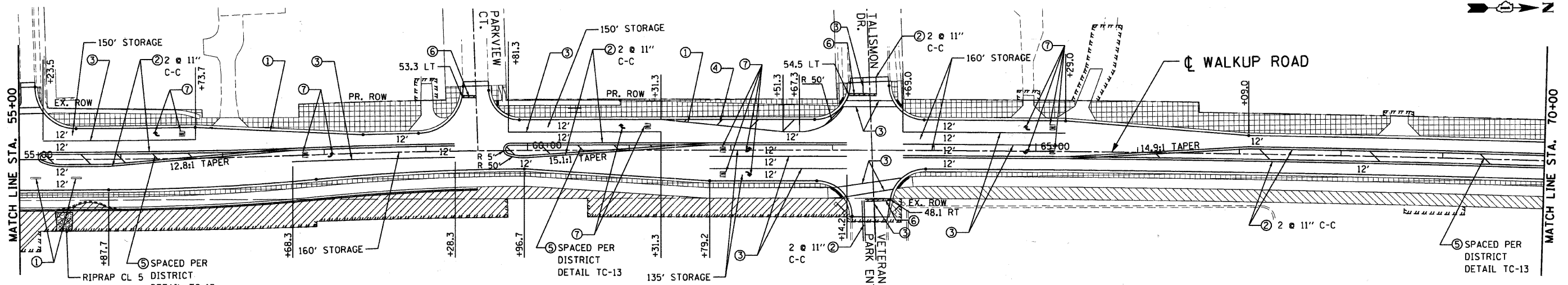
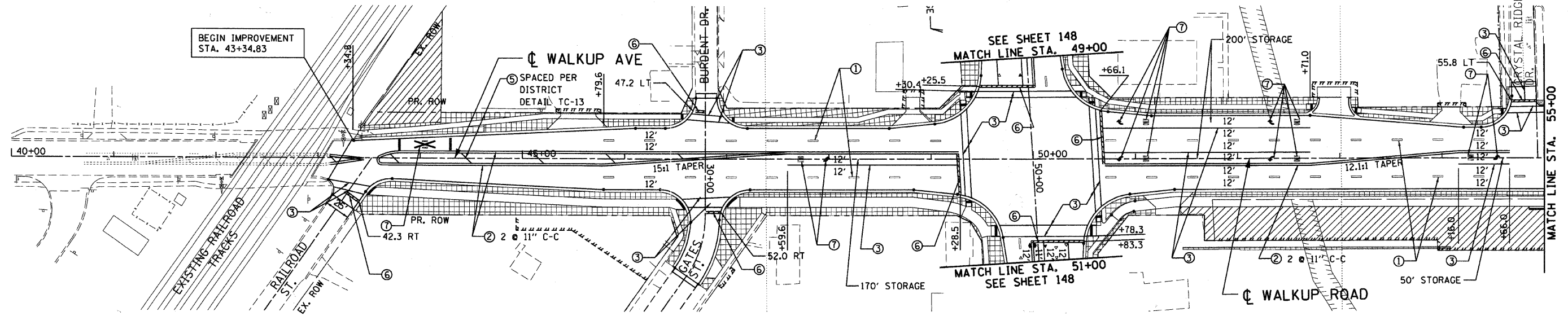
BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

REVISION DATE August 5, 2010

REVISION Eliminated Parcels 1G60126 & 1G60127

MADE BY

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0085 00-00246-02-FP		MCHENRY	292	149
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT			
CONTRACT NO: 63522				



LANDSCAPING LEGEND

- TOPSOIL F & P 4, SEEDING CL 2A
- SODDING SALT TOLERANT & TURF REINF MAT (SEE DETAIL ON SHEET 154)
- TOPSOIL F & P 4
- TOPSOIL F & P 4, SEEDING CL 4A
- TOPSOIL F & P 8, SEEDING CL 4B MODIFIED
- STONE RIPRAP

PAVEMENT MARKING LEGEND

- ① THERM MK LINE 4" (WHITE) ◀ ONE-WAY AMBER MARKER
 - ② THERM MK LINE 4" (YELLOW) ◀ ONE-WAY CRYSTAL MARKER
 - ③ THERM MK LINE 6" (WHITE) (W/O)
 - ④ THERM MK LINE 12" (WHITE) ▶ TWO-WAY AMBER MARKER
 - ⑤ THERM MK LINE 12" (YELLOW)
 - ⑥ THERM MK LINE 24" (WHITE)
 - ⑦ THERM MK L&S
- PAVEMENT MARKING TO FOLLOW IDOT D1 DETAIL TC-13
- EROSION CONTR BLANKET OR HD EROSION CONTR BLANKET FOR ALL SEEDING (SEE DETAIL ON SHEET 154)

REVISIONS	
NAME	DATE

MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085

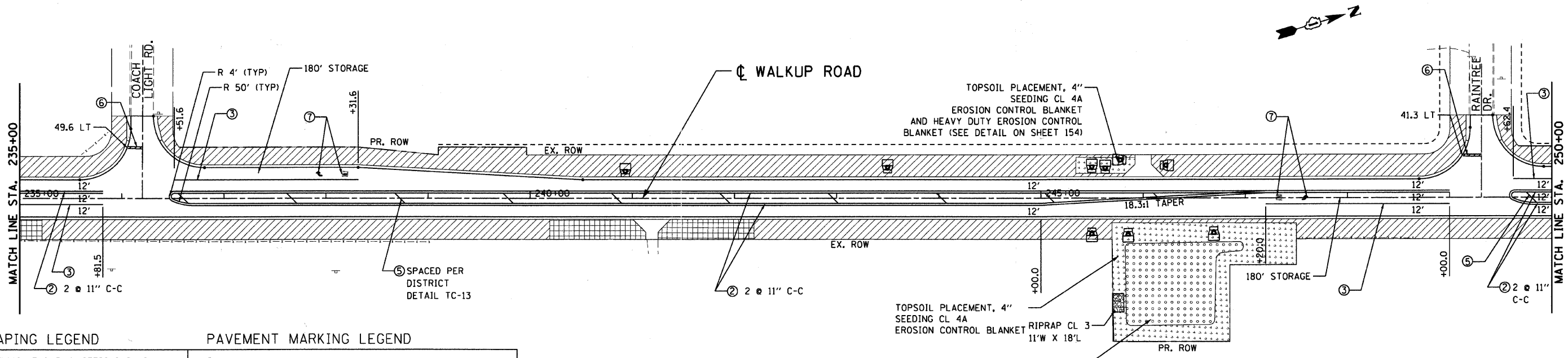
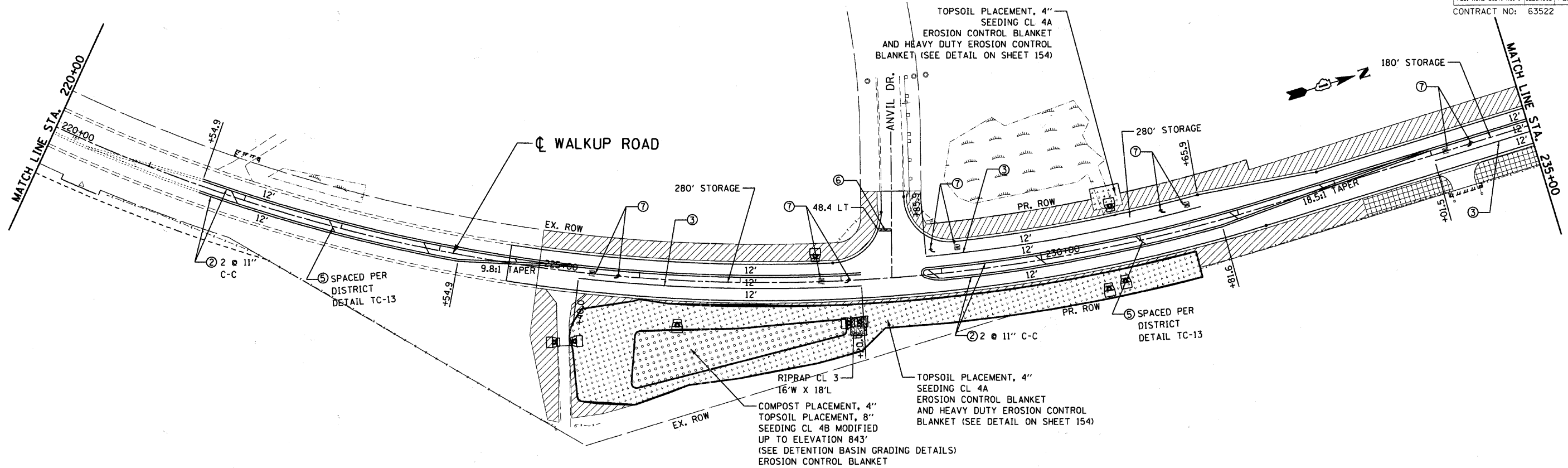
PAVT MARKING & LANDSCAPING
WALKUP ROAD
STA 40+00 TO STA 70+00

SCALE: 1" = 50' DRAWN BY: KV
DATE: 06/10/11 CHECKED BY: MCD

TENG
TENG & ASSOCIATES, INC.
ENGINEERING ARCHITECTS
300 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312-666-0000

I:\A02\A02.DGN, I:\B02\B02.DGN, I:\C02\C02.DGN, I:\D02\D02.DGN, I:\E02\E02.DGN, I:\F02\F02.DGN, I:\G02\G02.DGN, I:\H02\H02.DGN, I:\I02\I02.DGN, I:\J02\J02.DGN, I:\K02\K02.DGN, I:\L02\L02.DGN, I:\M02\M02.DGN, I:\N02\N02.DGN, I:\O02\O02.DGN, I:\P02\P02.DGN, I:\Q02\Q02.DGN, I:\R02\R02.DGN, I:\S02\S02.DGN, I:\T02\T02.DGN, I:\U02\U02.DGN, I:\V02\V02.DGN, I:\W02\W02.DGN, I:\X02\X02.DGN, I:\Y02\Y02.DGN, I:\Z02\Z02.DGN, I:\00\00.DGN, I:\01\01.DGN, I:\02\02.DGN, I:\03\03.DGN, I:\04\04.DGN, I:\05\05.DGN, I:\06\06.DGN, I:\07\07.DGN, I:\08\08.DGN, I:\09\09.DGN, I:\10\10.DGN, I:\11\11.DGN, I:\12\12.DGN, I:\13\13.DGN, I:\14\14.DGN, I:\15\15.DGN, I:\16\16.DGN, I:\17\17.DGN, I:\18\18.DGN, I:\19\19.DGN, I:\20\20.DGN, I:\21\21.DGN, I:\22\22.DGN, I:\23\23.DGN, I:\24\24.DGN, I:\25\25.DGN, I:\26\26.DGN, I:\27\27.DGN, I:\28\28.DGN, I:\29\29.DGN, I:\30\30.DGN, I:\31\31.DGN, I:\32\32.DGN, I:\33\33.DGN, I:\34\34.DGN, I:\35\35.DGN, I:\36\36.DGN, I:\37\37.DGN, I:\38\38.DGN, I:\39\39.DGN, I:\40\40.DGN, I:\41\41.DGN, I:\42\42.DGN, I:\43\43.DGN, I:\44\44.DGN, I:\45\45.DGN, I:\46\46.DGN, I:\47\47.DGN, I:\48\48.DGN, I:\49\49.DGN, I:\50\50.DGN, I:\51\51.DGN, I:\52\52.DGN, I:\53\53.DGN, I:\54\54.DGN, I:\55\55.DGN, I:\56\56.DGN, I:\57\57.DGN, I:\58\58.DGN, I:\59\59.DGN, I:\60\60.DGN, I:\61\61.DGN, I:\62\62.DGN, I:\63\63.DGN, I:\64\64.DGN, I:\65\65.DGN, I:\66\66.DGN, I:\67\67.DGN, I:\68\68.DGN, I:\69\69.DGN, I:\70\70.DGN, I:\71\71.DGN, I:\72\72.DGN, I:\73\73.DGN, I:\74\74.DGN, I:\75\75.DGN, I:\76\76.DGN, I:\77\77.DGN, I:\78\78.DGN, I:\79\79.DGN, I:\80\80.DGN, I:\81\81.DGN, I:\82\82.DGN, I:\83\83.DGN, I:\84\84.DGN, I:\85\85.DGN, I:\86\86.DGN, I:\87\87.DGN, I:\88\88.DGN, I:\89\89.DGN, I:\90\90.DGN, I:\91\91.DGN, I:\92\92.DGN, I:\93\93.DGN, I:\94\94.DGN, I:\95\95.DGN, I:\96\96.DGN, I:\97\97.DGN, I:\98\98.DGN, I:\99\99.DGN, I:\00\00.DGN

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0085	00-00246-02-FP	MCHENRY	292	151
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
CONTRACT NO: 63522				



LANDSCAPING LEGEND

- TOPSOIL F & P 4, SEEDING CL 2A
- SODDING SALT TOLERANT & TURF REINF MAT (SEE DETAIL ON SHEET 154)
- TOPSOIL F & P 4 SODDING SALT TOLERANT
- TOPSOIL F & P 4, SEEDING CL 4A
- TOPSOIL F & P 8, SEEDING CL 4B MODIFIED
- STONE RIPRAP

PAVEMENT MARKING LEGEND

- ① THERM MK LINE 4" (WHITE)
 - ② THERM MK LINE 4" (YELLOW)
 - ③ THERM MK LINE 6" (WHITE) (W/O)
 - ④ THERM MK LINE 12" (WHITE)
 - ⑤ THERM MK LINE 12" (YELLOW)
 - ⑥ THERM MK LINE 24" (WHITE)
 - ⑦ THERM MK L&S
 - ◀ ONE-WAY AMBER MARKER
 - ◁ ONE-WAY CRYSTAL MARKER (W/O)
 - ◆ TWO-WAY AMBER MARKER
- PAVEMENT MARKING TO FOLLOW IDOT D1 DETAIL TC-13
- EROSION CONTR BLANKET OR HD EROSION CONTR BLANKET FOR ALL SEEDING (SEE DETAIL ON SHEET 154)

TOPSOIL PLACEMENT, 4" SEEDING CL 4A EROSION CONTROL BLANKET AND HEAVY DUTY EROSION CONTROL BLANKET (SEE DETAIL ON SHEET 154)

RIPRAP CL 3 11'W X 18'L

PR. ROW

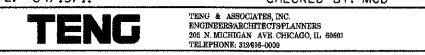
COMPOST PLACEMENT, 4" TOPSOIL PLACEMENT, 8" SEEDING CL 4B MODIFIED UP TO ELEVATION 837' (SEE DETENTION BASIN GRADING DETAILS) EROSION CONTROL BLANKET

REVISIONS	
NAME	DATE

MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085

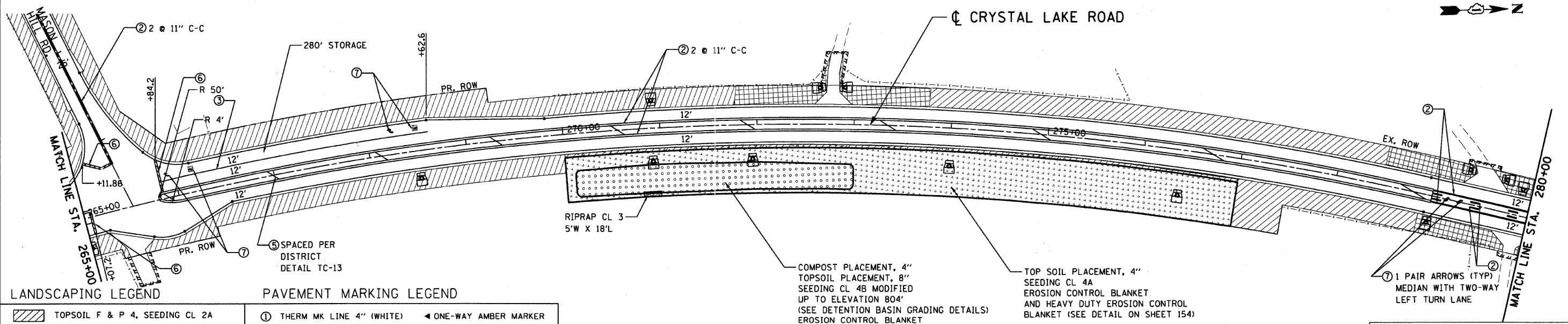
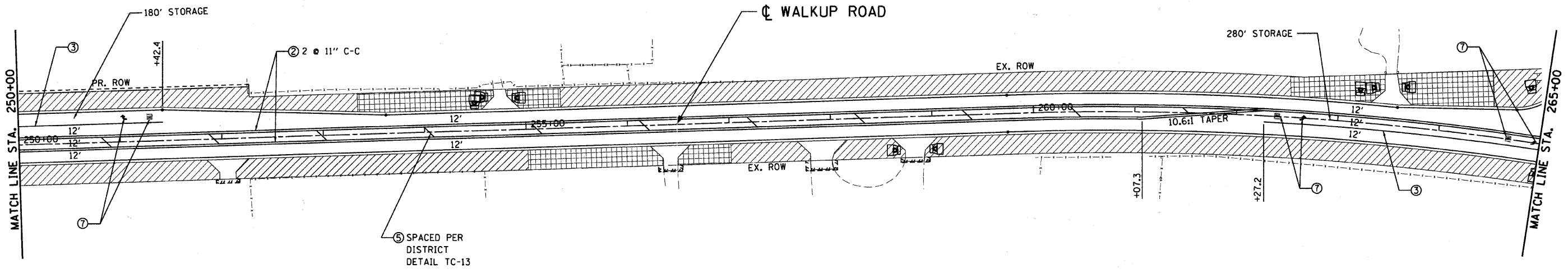
PAVT MARKING & LANDSCAPING
WALKUP ROAD
STA 220+00 TO STA 250+00

SCALE: 1" = 50'
DATE: 04/15/11
DRAWN BY: KV
CHECKED BY: MCD



_P021A001.DGN, _P021A002.DGN, _P021A003.DGN, _P021A004.DGN, _P021A005.DGN, _P021A006.DGN, _P021A007.DGN, _P021A008.DGN, _P021A009.DGN, _P021A010.DGN, _P021A011.DGN, _P021A012.DGN, _P021A013.DGN, _P021A014.DGN, _P021A015.DGN, _P021A016.DGN, _P021A017.DGN, _P021A018.DGN, _P021A019.DGN, _P021A020.DGN, _P021A021.DGN, _P021A022.DGN, _P021A023.DGN, _P021A024.DGN, _P021A025.DGN, _P021A026.DGN, _P021A027.DGN, _P021A028.DGN, _P021A029.DGN, _P021A030.DGN, _P021A031.DGN, _P021A032.DGN, _P021A033.DGN, _P021A034.DGN, _P021A035.DGN, _P021A036.DGN, _P021A037.DGN, _P021A038.DGN, _P021A039.DGN, _P021A040.DGN, _P021A041.DGN, _P021A042.DGN, _P021A043.DGN, _P021A044.DGN, _P021A045.DGN, _P021A046.DGN, _P021A047.DGN, _P021A048.DGN, _P021A049.DGN, _P021A050.DGN, _P021A051.DGN, _P021A052.DGN, _P021A053.DGN, _P021A054.DGN, _P021A055.DGN, _P021A056.DGN, _P021A057.DGN, _P021A058.DGN, _P021A059.DGN, _P021A060.DGN

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0085	00-00246-02-FP	MCHENRY	292	152
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
CONTRACT NO: 63522				



LANDSCAPING LEGEND

- TOPSOIL F & P 4, SEEDING CL 2A
- SODDING SALT TOLERANT & TURF REINF MAT (SEE DETAIL ON SHEET 154)
- TOPSOIL F & P 4 SODDING SALT TOLERANT
- TOPSOIL F & P 4, SEEDING CL 4A
- TOPSOIL F & P 8, SEEDING CL 4B MODIFIED
- STONE RIPRAP

PAVEMENT MARKING LEGEND

- ① THERM MK LINE 4" (WHITE) ◀ ONE-WAY AMBER MARKER
 - ② THERM MK LINE 4" (YELLOW) ◀ ONE-WAY CRYSTAL MARKER (W/O)
 - ③ THERM MK LINE 6" (WHITE) ◀ TWO-WAY AMBER MARKER
 - ④ THERM MK LINE 12" (WHITE)
 - ⑤ THERM MK LINE 12" (YELLOW)
 - ⑥ THERM MK LINE 24" (WHITE)
 - ⑦ THERM MK L&S
- PAVEMENT MARKING TO FOLLOW IDOT D1 DETAIL TC-13
- EROSION CONTR BLANKET OR HD EROSION CONTR BLANKET FOR ALL SEEDING (SEE DETAIL ON SHEET 154)

REVISIONS	
NAME	DATE

MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085

**PAVT MARKING & LANDSCAPING
WALKUP/CRYSTAL LAKE ROAD
STA 250+00 TO STA 280+00**

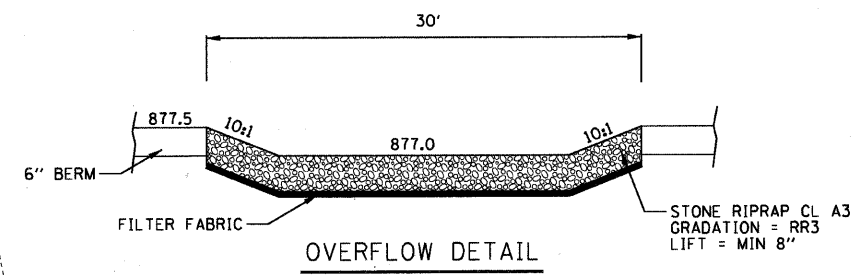
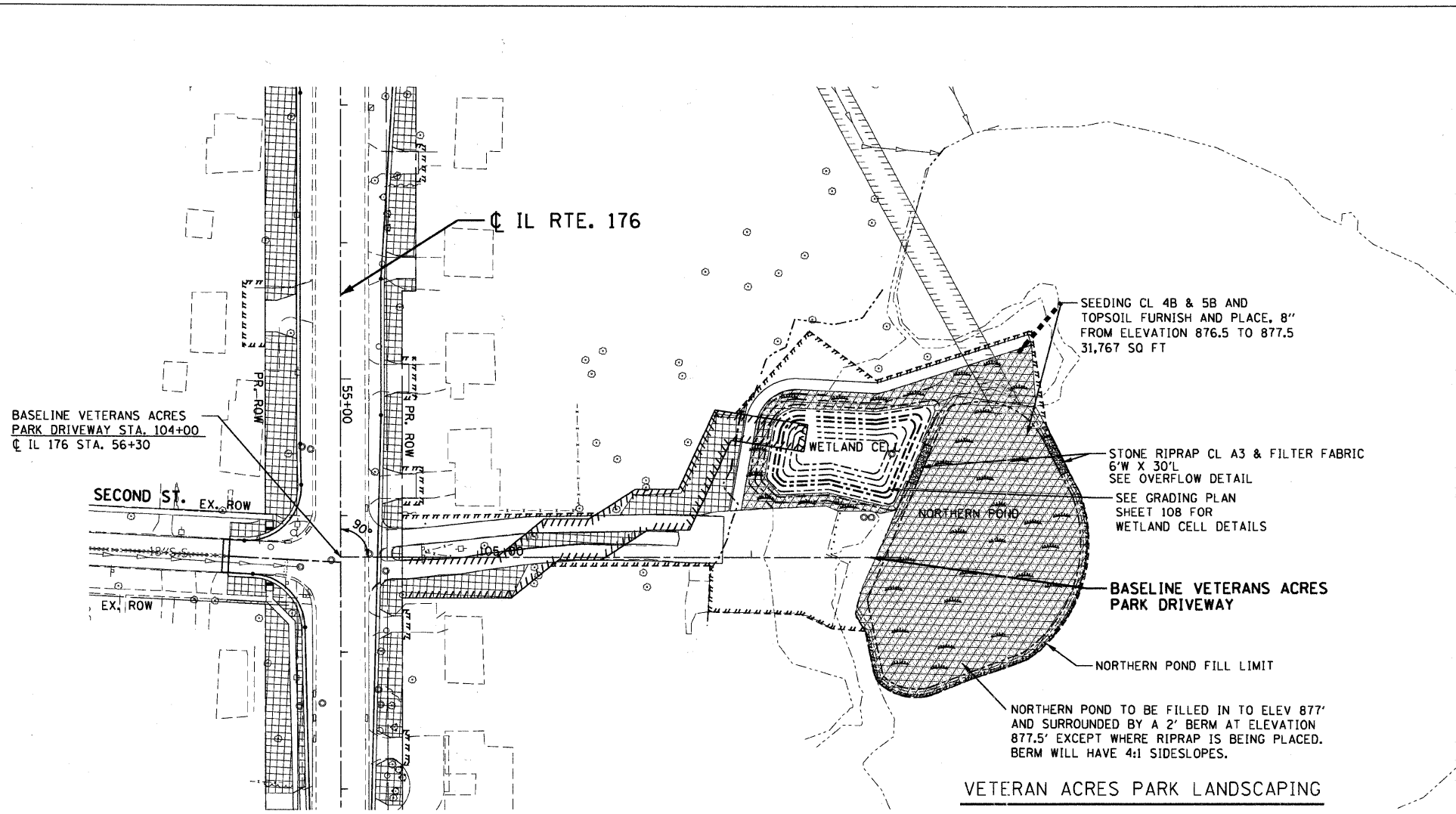
SCALE: 1" = 50'
DATE: 04/15/11

DRAWN BY: KV
CHECKED BY: MCD

TENG
TENG & ASSOCIATES, INC.
ENGINEERING ARCHITECTURE PLANNERS
505 N. MICHIGAN AVE. CHICAGO, IL 60611
TELEPHONE: 312.888.2000

\AL02A002.DGN, \P02A002.DGN, \S02A002.DGN, \R02A002.DGN, \M02A002.DGN, \V02A002.DGN, \I02A002.DGN, \O02A002.DGN, \P02A002.DGN, \E02A002.DGN, \C02A002.DGN, \X02A002.DGN, \J02A002.DGN, \K02A002.DGN, \L02A002.DGN, \M02A002.DGN, \N02A002.DGN, \O02A002.DGN, \P02A002.DGN, \Q02A002.DGN, \R02A002.DGN, \S02A002.DGN, \T02A002.DGN, \U02A002.DGN, \V02A002.DGN, \W02A002.DGN, \X02A002.DGN, \Y02A002.DGN, \Z02A002.DGN, \000000.DGN, \000001.DGN, \000002.DGN, \000003.DGN, \000004.DGN, \000005.DGN, \000006.DGN, \000007.DGN, \000008.DGN, \000009.DGN, \000010.DGN, \000011.DGN, \000012.DGN, \000013.DGN, \000014.DGN, \000015.DGN, \000016.DGN, \000017.DGN, \000018.DGN, \000019.DGN, \000020.DGN, \000021.DGN, \000022.DGN, \000023.DGN, \000024.DGN, \000025.DGN, \000026.DGN, \000027.DGN, \000028.DGN, \000029.DGN, \000030.DGN, \000031.DGN, \000032.DGN, \000033.DGN, \000034.DGN, \000035.DGN, \000036.DGN, \000037.DGN, \000038.DGN, \000039.DGN, \000040.DGN, \000041.DGN, \000042.DGN, \000043.DGN, \000044.DGN, \000045.DGN, \000046.DGN, \000047.DGN, \000048.DGN, \000049.DGN, \000050.DGN, \000051.DGN, \000052.DGN, \000053.DGN, \000054.DGN, \000055.DGN, \000056.DGN, \000057.DGN, \000058.DGN, \000059.DGN, \000060.DGN, \000061.DGN, \000062.DGN, \000063.DGN

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0085	00-00246-02-FP	MCHENRY	292	154
STA.	TO STA.			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
CONTRACT NO: 63522				

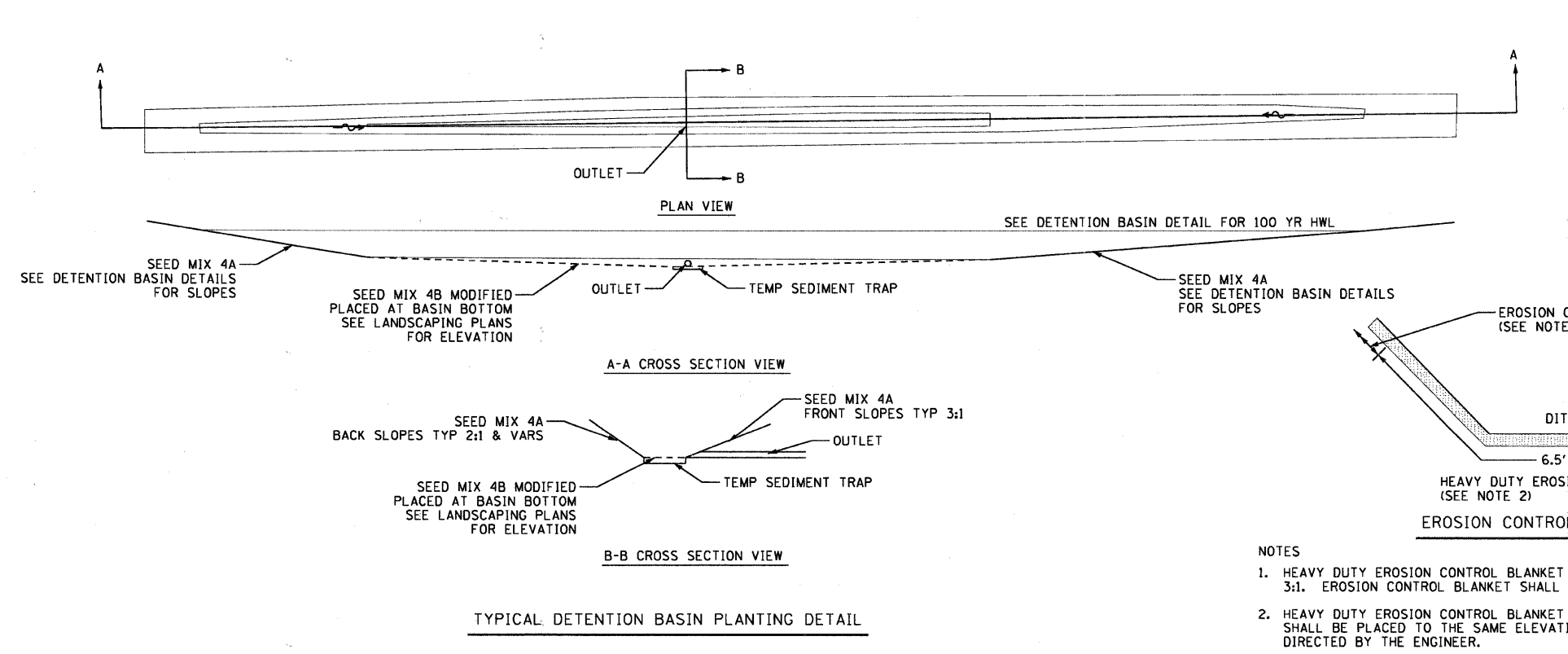


LANDSCAPING LEGEND

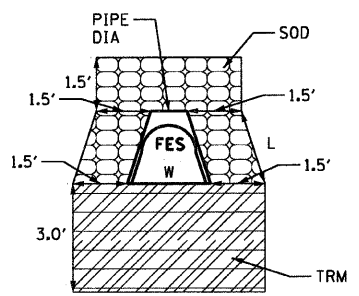
- TOPSOIL F & P 4, SEEDING CL 2A
- SODDING SALT TOLERANT & TURF REINF MAT (SEE DETAIL ON SHEET 154)
- TOPSOIL F & P 4
- TOPSOIL F & P 4, SEEDING CL 4A
- TOPSOIL F & P 8, SEEDING CL 4B MODIFIED
- STONE RIPRAP
- SEEDING CLASS 4B & 5B AND TOPSOIL F & P 8

PAVEMENT MARKING LEGEND

- ① THERM MK LINE 4" (WHITE) ◀ ONE-WAY AMBER MARKER
 - ② THERM MK LINE 4" (YELLOW) ◀ ONE-WAY CRYSTAL MARKER (W/O)
 - ③ THERM MK LINE 6" (WHITE) ◀ TWO-WAY AMBER MARKER
 - ④ THERM MK LINE 12" (WHITE)
 - ⑤ THERM MK LINE 12" (YELLOW)
 - ⑥ THERM MK LINE 24" (WHITE)
 - ⑦ THERM MK L&S
- PAVEMENT MARKING TO FOLLOW IDOT D1 DETAIL TC-13
- EROSION CONTR BLANKET OR HD EROSION CONTR BLANKET FOR ALL SEEDING (SEE DETAIL ON SHEET 154)



- NOTES**
- HEAVY DUTY EROSION CONTROL BLANKET SHALL BE USED ON SLOPES STEEPER THAN 3:1. EROSION CONTROL BLANKET SHALL BE USED ON SLOPES 3:1 AND FLATTER
 - HEAVY DUTY EROSION CONTROL BLANKET SHALL BE USED ON DITCH BOTTOMS AND SHALL BE PLACED TO THE SAME ELEVATION ON BOTH SIDES OF THE DITCH AND AS DIRECTED BY THE ENGINEER.



TURF REINFORCEMENT MAT (TRM) AND SOD DETAIL

PIPE DIA. (INCH)	L (FT)	W (FT)	SOD (SQ YD)	TRM (SQ YD)
12	2.0	2.3	1.3	1.8
15	2.3	2.9	1.5	2.0
18	2.3	3.4	1.5	2.1
24	3.6	4.5	2.0	2.5
30	4.5	5.6	2.4	2.9
36	5.3	6.7	2.8	3.2

REVISIONS	
NAME	DATE

MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085

VETERAN ACRES PARK & GENERAL LANDSCAPING DETAILS

SCALE: 1" = 50'
DATE: 06/10/11
DRAWN BY: KV
CHECKED BY: MCD

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
265 N. MICHIGAN AVE., CHICAGO, IL 60601
TEL: 312.587.1000 FAX: 312.587.1001

SCHEDULE OF EXISTING SIGNS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0085	00-00246-02-FF	MCHENRY	292	156
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
CONTRACT NO: 63522				

SIGN ID	ROAD	EXISTING LOCATION		RELOCATED		SIGN DESCRIPTION	MUTCD CODE	GROUND MOUNTING TYPE	HEIGHT FT	WIDTH FT	AREA SQ. FT	PROP. ACTION	PANEL TYPE	REMOV SIN	REMOV SIN	RELOCATE SIGN	RELOCATE SIGN
		STATION	OFFSET	STATION	OFFSET									PAN ASSY TA	PAN ASSY TB	PANEL TY 1	PANEL TY 2
W-11	WALKUP ROAD	50+27	59			FOLDING STOP	R1-1	TELESCOPING	3.00	3.00	7.45	REMOVE	1				
W-12	WALKUP ROAD	51+91	26			SPEED LIMIT 30	R2-1	WOODEN POST	3.00	2.50	7.50	REMOVE	1				
W-13A	WALKUP ROAD	52+97	23	53+24	35.0	MC HENRY COUNTY, ADOPT A HIGHWAY	CUSTOM	TELESCOPING	2.50	2.50	6.25	RELOCATE	1			6.25	
W-13B	WALKUP ROAD	52+97	23	53+24	35.0	BOY SCOUT TROOP 580	CUSTOM		1.50	2.50	3.75	RELOCATE	1		1.00		3.75
W-14	WALKUP ROAD	63+04	55			VETERAN ACRES PARK	CUSTOM	STONE COLUMNS	4.50	8.50	38.25	REMAIN	3				
W-15	WALKUP ROAD	63+59	63			STOP SIGN	R1-1	TELESCOPING	3.00	3.00	7.45	REMOVE	1	1.00			
W-16	WALKUP ROAD	63+71	53			VETERAN ACRES PARK	CUSTOM	STONE COLUMNS	4.50	8.50	38.25	REMAIN	3				
W-17	WALKUP ROAD	65+00	39			SPEED LIMIT 40	R2-1	TELESCOPING	3.50	2.50	8.75	REMOVE	1	1.00			
W-18	WALKUP ROAD	71+99	41	79+33	39.9	SPEED LIMIT 40	R2-1	TELESCOPING	3.50	2.50	8.75	RELOCATE	1	1.00			8.75
W-19	WALKUP ROAD	73+93	45	73+92	32.3	PARK HOURS 9A.M TO DUSK	CUSTOM	TELESCOPING	1.50	1.00	1.50	RELOCATE	1	1.00			1.50
W-20	WALKUP ROAD	76+78	40			WARNING, FIBER OPTIC CABLE	CUSTOM	TELESCOPING	1.00	0.30	0.30	REMAIN	1				
W-21	WALKUP ROAD	77+88	27	77+52	27.5	THROUGH TRAFFIC (LEFT), RIGHT TURN ONLY (RIGHT)	CUSTOM	WOODEN POST	2.50	2.50	6.25	RELOCATE	1	1.00			6.25
W-22	WALKUP ROAD	80+97	49			STOP SIGN	R1-1	TELESCOPING	3.00	3.00	7.45	REMAIN	1				
W-23A	WALKUP ROAD	81+03	47			STREET SIGN (BURNING BUSH)	CUSTOM	UTILITY POST	0.75	3.00	2.25	REMAIN	1				
W-23B	WALKUP ROAD	81+03	47			STREET SIGN (WALKUP AVE)	CUSTOM	UTILITY POST	0.75	2.50	1.88	REMAIN	1				
W-24	WALKUP ROAD	230+70	23			SPEED LIMIT 45	R2-1	TELESCOPING	3.00	2.50	7.50	REMOVE	1	1.00			
W-25	WALKUP ROAD	233+46	33			OLD TOP FARM, GOLF	CUSTOM	TREE MOUNTED	2.50	2.50	6.25	REMAIN	1				
W-26	WALKUP ROAD	244+98	23			SPEED LIMIT 50	R2-1	TELESCOPING	3.00	2.50	7.50	REMOVE	1	1.00			
W-27	WALKUP ROAD	252+29	28			VILLAGE OF BULL VALLEY	CUSTOM	WOODEN POST	2.00	4.00	8.00	REMAIN	1				
W-28	WALKUP ROAD	254+52	28			RIGHT CURVE	W1-2R	TELESCOPING	3.00	3.00	9.00	REMOVE	1	1.00			
W-29A	WALKUP ROAD	258+37	27			T INTERSECTION	W2-2	WOODEN POST	3.00	3.00	9.00	REMOVE	1		1.00		
W-29B	WALKUP ROAD	258+37	27			STREET SIGN (MASON HILL RD)	CUSTOM	WOODEN POST	0.75	3.00	2.25	REMOVE	1				
W-30	WALKUP ROAD	265+59	39			TWO DIRECTION LARGE ARROW	W1-7	WOODEN POST	2.00	4.00	8.00	REMOVE	1	1.00			
W-31A	WALKUP ROAD	266+22	25	267+28	25.4	MCHENRY COUNTY ADOPT A HIGHWAY	CUSTOM	TELESCOPING	2.50	2.50	6.25	RELOCATE	1		1.00		6.25
W-31B	WALKUP ROAD	266+22	25	267+28	25.4	IN LOVING MEMORY OF MICHELLE MICHAELIS	CUSTOM		1.50	2.50	3.75	RELOCATE	1				3.75
W-32	WALKUP ROAD	276+36	26			SPEED LIMIT 50	R2-1	TELESCOPING	3.00	2.50	7.50	REMOVE	1	1.00			
W-33	WALKUP ROAD	293+57	29			NO PASSING ZONE	W14-3	WOODEN POST	4.00	5.00	10.00	REMOVE	2		1.00		
W-34	WALKUP ROAD	296+71	38			CRYSTAL VALLEY EQUINE	CUSTOM	WOODEN POST	3.00	4.00	12.00	REMAIN	2				
W-35	WALKUP ROAD	299+39	26			SPEED LIMIT 50	R2-1	TELESCOPING	3.00	2.50	7.50	REMOVE	1		1.00		
W-36	WALKUP ROAD	299+39	-23			SPEED LIMIT 50	R2-1	TELESCOPING	3.00	2.50	7.50	REMOVE	1				
W-37	WALKUP ROAD	284+03	-28			LEFT CURVE	W1-2L	WOODEN POST	3.00	3.00	9.00	REMOVE	1	1.00			
W-38	WALKUP ROAD	276+38	-29			SPEED LIMIT 50	R2-1	WOODEN POST	3.00	2.50	7.50	REMOVE	1	1.00			
W-39A	WALKUP ROAD	272+39	-29			T INTERSECTION	W2-2	TELESCOPING	3.00	3.00	9.00	REMOVE	1		1.00		
W-39B	WALKUP ROAD	272+39	-29			STREET SIGN (MASON HILL RD)	CUSTOM	TELESCOPING	0.75	3.00	2.25	REMOVE	1				
W-40A	WALKUP ROAD	267+26	-29	270+45	-25.1	MCHENRY COUNTY ADOPT A HIGHWAY	CUSTOM	TELESCOPING	2.50	2.50	6.25	RELOCATE	1		1.00		6.25
W-40B	WALKUP ROAD	267+26	-29	270+45	-25.1	YOUR GROUP NAME HERE	CUSTOM		1.50	2.50	3.75	RELOCATE	1				3.75
W-41A	WALKUP ROAD	265+76	-36			STREET SIGN (MASON HILL RD)	CUSTOM	TELESCOPING	1.00	4.00	4.00	REMOVE	1	1.00			
W-41B	WALKUP ROAD	265+76	-36			STREET SIGN (CRYSTAL LAKE RD)	CUSTOM	TELESCOPING	1.00	4.00	4.00	REMOVE	1				
W-42A	WALKUP ROAD	265+65	-65	265+64	-87.2	WEIGHT LIMIT 8 TONS	R12-1	WOODEN POST	2.50	2.00	5.00	RELOCATE	1	1.00			5.00
W-42B	WALKUP ROAD	265+65	-65	265+64	-87.2	OVERWEIGHT VEHICLE AND RALLY	CUSTOM	WOODEN POST	2.00	1.50	3.00	RELOCATE	1				3.00
W-42C	WALKUP ROAD	265+64	-65	265+64	-87.2	VILLAGE OF BULL VALLEY	CUSTOM	WOODEN POST	2.00	4.00	8.00	RELOCATE	1	1.00			8.00
W-43A	WALKUP ROAD	265+63	-66			SPEED LIMIT 50	R2-1	WOODEN POST	2.50	2.00	5.00	REMOVE	1	1.00			
W-43B	WALKUP ROAD	265+63	-66	265+64	-87.2	SOLICTORS PERMIT REQUIRED	CUSTOM	WOODEN POST	1.00	1.50	1.50	RELOCATE	1				1.50
W-44	WALKUP ROAD	265+19	-42			STOP SIGN	R1-1	WOODEN POST	3.00	3.00	7.45	REMOVE	1	1.00			
W-45	WALKUP ROAD	264+89	-68			GOLF 27 HOLES, GOLF CLUB & LEARNING CENTER	CUSTOM	WOOD POSTS	6.30	2.30	14.49	REMAIN	2				
W-46	WALKUP ROAD	254+85	-36			CENTURY RIDGE FARM	CUSTOM	TREE MOUNTED	3.00	2.00	6.00	REMAIN	1				
W-47	WALKUP ROAD	249+68	-36	248+88	-30.3	RAINTREE DR	CUSTOM	TELESCOPING	0.75	2.50	1.88	RELOCATE	1	1.00			1.88
W-48A	WALKUP ROAD	249+47	-133			WEIGHT LIMIT 5 TONS	R12-1	TELESCOPING	2.50	2.00	5.00	REMAIN	1				
W-48B	WALKUP ROAD	249+47	-133			NO PARKING ON TOWNSHIP ROADS	CUSTOM	TELESCOPING	2.00	1.50	3.00	REMAIN	1				
W-49	WALKUP ROAD	249+47	-133			SPEED LIMIT 25	R2-1	TELESCOPING	2.50	2.00	5.00	REMAIN	1				
W-50	WALKUP ROAD	249+04	-40			STOP SIGN	R1-1	TELESCOPING	3.00	3.00	7.45	REMOVE	1	1.00			
W-51	WALKUP ROAD	245+00	-22			SPEED LIMIT 45	R2-1	TELESCOPING	3.00	2.50	7.50	REMOVE	1	1.00			
W-52	WALKUP ROAD	239+45	-27			REVERSE CURVE	W1-4R	TELESCOPING	3.00	3.00	9.00	REMOVE	1	1.00			
W-53	WALKUP ROAD	236+53	-31	235+78	-29.1	COACHLIGHT RD	CUSTOM	TELESCOPING	0.75	2.00	1.50	RELOCATE	1	1.00			1.50
W-54A	WALKUP ROAD	236+43	-82			NO PARKING ON TOWNSHIP ROADS	CUSTOM	TELESCOPING	2.00	1.50	3.00	REMAIN	1				

• SEE NOTE 4 ON SHEET 173 FOR PROPOSED ACTION.

STAMPED
 4-14-2016 15:43:51
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63

REVISIONS	
NAME	DATE

MCHENRY COUNTY DIVISION OF TRANSPORTATION
 WALKUP ROAD F.A.U. 0085

**SIGNING SCHEDULE
 EXISTING CONDITIONS
 SHEET 2 OF 3**

SCALE: N.T.S. DRAWN BY: MN
 DATE: 04/15/11 CHECKED BY: MM

TENG TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 205 N. MICHIGAN AVE. CHICAGO, IL 60601
 TELEPHONE: 312-961-9000

SCHEDULE OF EXISTING SIGNS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0085	00-00246-02-FF	MCHENRY	292	157
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
CONTRACT NO: 63522				

SIGN ID	ROAD	EXISTING LOCATION		RELOCATED		SIGN DESCRIPTION	MUTCD CODE	GROUND MOUNTING TYPE	HEIGHT FT	WIDTH FT	AREA SQ. FT	PROP. ACTION	PANEL TYPE	REMOV SIN	REMOV SIN	RELOCATE SIGN	RELOCATE SIGN				
		STATION	OFFSET +RT, -LT	STATION	OFFSET									PAN ASSY TA	PAN ASSY TB	PANEL TY 1	PANEL TY 2				
W-54B	WALKUP ROAD	236+43	-82			WARNING NEIGHBORHOOD WATCH	CUSTOM	TELESCOPING	2.00	1.50	3.00	REMAIN	1								
W-55	WALKUP ROAD	236+40	-82			WEIGHT LIMIT 5 TONS	R12-1	TELESCOPING	2.50	2.00	5.00	REMAIN	1								
W-56	WALKUP ROAD	235+93	-35			STOP SIGN	R1-1	WOODEN POST	3.00	3.00	7.45	REMOVE	1	1.00							
W-57	WALKUP ROAD	230+60	-28			SPEED LIMIT 45	R2-1	TELESCOPING	3.00	2.50	7.50	REMOVE	1	1.00							
W-58	WALKUP ROAD	228+95	-54			STREET SIGN (COACHLIGHT RIDGE)	CUSTOM	WOOD POSTS	8.00	2.50	20.00	REMAIN	2								
W-59	WALKUP ROAD	228+93	-34	228+06	-27.0	STREET SIGN (ANVIL RD)	CUSTOM	TELESCOPING	2.00	0.75	1.50	RELOCATE	1	1.00		1.50					
W-60	WALKUP ROAD	228+75	-60	228+77	-90.9	WEIGHT LIMIT 5 TONS	R12-1	TELESCOPING	2.50	2.00	5.00	RELOCATE	1	1.00		5.00					
W-61A	WALKUP ROAD	228+81	-171			SPEED LIMIT 25	R2-1	TELESCOPING	2.50	2.00	5.00	REMAIN	1								
W-61B	WALKUP ROAD	228+81	-171			NO PARKING ON TOWNSHIP ROADS	CUSTOM	TELESCOPING	2.00	1.50	3.00	REMAIN	1								
W-62	WALKUP ROAD	228+24	-40			STOP SIGN	R1-1	WOODEN POST	3.00	3.00	7.45	REMOVE	1	1.00							
W-63	WALKUP ROAD	83+54	-56			HERITAGE ESTATE	CUSTOM	WOODEN POST	4.00	4.00	16.00	REMAIN	2								
W-64	WALKUP ROAD	83+34	-96			SPEED LIMIT 25	R2-1	TELESCOPING	2.50	2.00	5.00	REMAIN	1								
W-65A	WALKUP ROAD	82+88	-38			STREET SIGN (RED BIRD LN)	CUSTOM	TELESCOPING	1.00	3.00	3.00	REMAIN	1								
W-65B	WALKUP ROAD	82+88	-38			STOP SIGN	R1-1	TELESCOPING	3.00	3.00	7.45	REMAIN	1								
W-66	WALKUP ROAD	79+13	-28			SPEED LIMIT 40	R2-1	TELESCOPING	3.00	2.00	6.00	REMAIN	1								
W-67A	WALKUP ROAD	74+98	-16	74+96	-24.6	CITY OF CRYSTAL LAKE	CUSTOM	TELESCOPING	0.75	2.50	1.88	RELOCATE	1	1.00		1.88					
W-67B	WALKUP ROAD	74+98	-16	74+96	-24.6	OUTSIDE WATER USAGE, CONSERVATION	CUSTOM	TELESCOPING	2.50	2.50	6.25	RELOCATE	1			6.25					
W-68	WALKUP ROAD	74+17	-32			ADMITTANCE FOR CHURCH PURPOSES ONLY	CUSTOM	TELESCOPING	1.50	1.00	1.50	REMAIN	1								
W-69A	WALKUP ROAD	63+59	-68			SPEED LIMIT 30	R2-1	TELESCOPING	2.50	2.00	5.00	REMOVE	1	1.00							
W-69B	WALKUP ROAD	63+59	-68	63+59	-71.1	WARNING NEIGHBORHOOD WATCH	CUSTOM	TELESCOPING	1.00	1.50	1.50	RELOCATE	1			1.50					
W-70	WALKUP ROAD	63+14	-68			STOP SIGN	R1-1	TELESCOPING	3.00	3.00	7.45	REMOVE	1	1.00							
W-71A	WALKUP ROAD	63+13	-52	62+98	-42.2	STREET SIGN (WALKUP AVE)	CUSTOM	LIGHT POLE	0.75	4.00	3.00	RELOCATE	1	1.00		3.00					
W-71B	WALKUP ROAD	63+13	-52	62+98	-42.2	STREET SIGN (TALISMON DR)	CUSTOM	LIGHT POLE	0.75	4.00	3.00	RELOCATE	1			3.00					
W-72	WALKUP ROAD	61+99	-19			SPEED LIMIT 30	R2-1	TELESCOPING	3.00	2.50	7.50	REMOVE	1	1.00							
W-73A	WALKUP ROAD	59+86	-20	59+90	-34.9	STREET SIGN (PARKVIEW CT)	CUSTOM	METAL POST	0.75	4.00	3.00	RELOCATE	1	1.00		3.00					
W-73B	WALKUP ROAD	59+86	-20	59+90	-34.9	STREET SIGN (WALKUP AVE)	CUSTOM	METAL POST	0.75	4.00	3.00	RELOCATE	1			3.00					
W-74A	WALKUP ROAD	59+66	-70			SLOW CHILDREN	W9-11	TELESCOPING	2.00	1.50	3.00	REMAIN	1								
W-74B	WALKUP ROAD	59+66	-70			SIX HOUR PARKING	CUSTOM	TELESCOPING	1.50	1.00	1.50	REMAIN	1								
W-75	WALKUP ROAD	59+31	-45			STOP SIGN	R1-1	TELESCOPING	3.00	3.00	7.45	REMOVE	1	1.00							
W-76	WALKUP ROAD	56+55	-32			TRAFFIC SIGNAL AHEAD	W3-3	WOODEN POST	3.00	3.00	9.00	REMOVE	1	1.00							
W-77	WALKUP ROAD	55+53	-38			DO NOT BLOCK INTERSECTION	R10-7	WOODEN POST	2.50	2.00	5.00	REMAIN	1								
W-78A	WALKUP ROAD	55+30	-42	55+40	-40.8	STREET SIGN (WALKUP AVE)	CUSTOM	METAL POST	0.75	3.00	2.25	RELOCATE	1	1.00		2.25					
W-78B	WALKUP ROAD	55+30	-42	55+40	-40.8	STREET SIGN (CRYSTAL RIDGE)	CUSTOM	METAL POST	0.75	4.00	3.00	RELOCATE	1			3.00					
W-79	WALKUP ROAD	54+96	-57			KEEP RIGHT OF MEDIAN AHEAD	R4-7	METAL POST	2.00	1.50	3.00	REMOVE	1	1.00							
W-80	WALKUP ROAD	54+65	-49			STOP SIGN	R1-1	TELESCOPING	3.00	3.00	7.45	REMOVE	1	1.00							
W-81	WALKUP ROAD	52+56	-25	53+25	-43.0	DOWNTOWN, LEFT ARROW	CUSTOM	TELESCOPING	2.00	2.50	5.00	RELOCATE	1	1.00		5.00					
W-82	WALKUP ROAD	51+30	-47			PROFESSIONAL BUILDING, LAW OFFICES	CUSTOM	WOOD POSTS	3.00	3.60	10.80		2								
W-83	WALKUP ROAD	50+25	-57			FOLDING STOP SIGN	R1-1	TRAFFIC POST	3.00	3.00	7.45	*	1								
SU-1	SHARED USE PATH	67+63	-			NO MOTOR VEHICLES	R5-3	METAL POST	2.00	2.00	4.00	REMOVE	1	1.00							
SU-2	SHARED USE PATH	80+46	-			STOP SIGN	R1-1	METAL POST	1.50	1.50	2.25	REMAIN	1								
SU-3	SHARED USE PATH	81+36	-			STOP SIGN	R1-1	METAL POST	1.50	1.50	2.25	REMAIN	1								
Z-100A	WALKUP ROAD	75+00	-	75+00	23.0	BICYCLE	W11-1	TELESCOPING	2.50	2.50	6.25	RELOCATE	1	1.00		6.25					
Z-100B	WALKUP ROAD	75+00	-	75+00	23.0	AHEAD	W16-9P		1.00	2.50	2.50	RELOCATE	1			2.50					
Z-101	EXISTING BIKE PATH	76+45	-	76+45	-30.0	STOP SIGN	R1-1	TELESCOPING	1.50	1.50	2.25	RELOCATE	1	1.00		2.25					
Z-102A	WALKUP ROAD	76+47	-	76+47	23.0	BICYCLE	W11-1	TELESCOPING	2.50	2.50	6.25	RELOCATE	1	1.00		6.25					
Z-102B	WALKUP ROAD	76+47	-	76+47	23.0	DOWN LEFT ARROW	W16-7PL		1.00	2.50	2.50	RELOCATE	1			2.50					
Z-103A	WALKUP ROAD	76+63	-	76+63	-24.0	BICYCLE	W11-1	TELESCOPING	2.50	2.50	6.25	RELOCATE	1	1.00		6.25					
Z-103B	WALKUP ROAD	76+63	-	76+63	-24.0	DOWN LEFT ARROW	W16-7PL		1.00	2.50	2.50	RELOCATE	1			2.50					
Z-104	EXISTING BIKE PATH	76+65	-	76+65	39.0	STOP SIGN	R1-1	TELESCOPING	1.50	1.50	2.25	RELOCATE	1	1.00		2.25					
Z-105A	WALKUP ROAD	78+22	-	78+22	-24.0	BICYCLE	W11-1	TELESCOPING	2.50	2.50	6.25	RELOCATE	1	1.00		6.25					
Z-105B	WALKUP ROAD	78+22	-	78+22	-24.0	AHEAD	W16-9P		1.00	2.50	2.50	RELOCATE	1			2.50					
													SUBTOTALS	48.00	7.00	145.25	0.00				
													TOTAL			1010.88		78.00	8.00	214.25	0.00

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REVISIONS	
NAME	DATE

MCHENRY COUNTY DIVISION OF TRANSPORTATION
 WALKUP ROAD F.A.U. 0085

SIGNING SCHEDULE
 EXISTING CONDITIONS
 SHEET 3 OF 3

SCALE: N.T.S. DRAWN BY: MN
 DATE: 04/15/11 CHECKED BY: MM

TENG

TENG & ASSOCIATES, INC.
 ENGINEERING ARCHITECTURE INTERIORS
 306 N. MICHIGAN AVE. CHICAGO, IL 60610
 TELEPHONE: 312.467.4000

SCHEDULE OF PROPOSED SIGNS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0085	00-00246-02-FP	MCHENRY	292	158
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
CONTRACT NO: 63522				

SIGN ID	ROAD	PROPOSED LOCATION		MUTCD CODE	SIGN DESCRIPTION	GROUND MOUNTING TYPE	HEIGHT FT	WIDTH FT	AREA SQ. FT	PANEL TYPE	SIGN PANEL TYPE 1 (SPECIAL)	SIGN PANEL TYPE 2 (SPECIAL)	TELESCOPING STEEL SIGN SUPPORT (SPECIAL)***	BASE FOR TELESCOPING SIGN SUPPORT (SPECIAL)	METAL POST TYPE A	
		STATION	OFFSET (FT) + : RT - : LT													
T-101	IL ROUTE 176	47+60	48.6	R3-5R	RIGHT TURN ONLY	TELESCOPING	3.00	2.50	7.50	1	7.50	X7200105	X7200205	X7280105	X7310110	72900100
T-102	IL ROUTE 176	52+68	52.0	R1-1	STOP SIGN	TELESCOPING	3.00	3.00	7.45	1	7.45			15	1	
T-103	IL ROUTE 176	53+39	35.9	R2-1	SPEED LIMIT 30	TELESCOPING	3.00	2.50	7.50	1	7.50			14	1	
T-104	IL ROUTE 176	54+80	40.6	W9-2L	LANE ENDS, MERGE LEFT	TELESCOPING	3.00	3.00	9.00	1	9.00			14	1	
T-105	IL ROUTE 176	56+55	45.8	R1-1	STOP SIGN	TELESCOPING	3.00	3.00	7.45	1	7.45			14	1	
T-106	IL ROUTE 176	59+76	44.4	R1-1	STOP SIGN	TELESCOPING	3.00	3.00	7.45	1	7.45			14	1	
T-107	IL ROUTE 176	63+61	25.0	R2-1	SPEED LIMIT 30	TELESCOPING	3.00	2.50	7.50	1	7.50			16	1	
T-108	IL ROUTE 176	60+15	-23.5	R2-1	SPEED LIMIT 30	TELESCOPING	3.00	2.50	7.50	1	7.50			16	1	
T-109	IL ROUTE 176	52+41	-48.8	R3-5R	RIGHT TURN ONLY	TELESCOPING	3.00	2.50	7.50	1	7.50			16	1	
T-110	IL ROUTE 176	48+69	-37.2	R2-1	SPEED LIMIT 35	TELESCOPING	3.00	2.50	7.50	1	7.50			16	1	
T-111	IL ROUTE 176	47+18	-40.7	W9-2L	LANE ENDS, MERGE RIGHT	TELESCOPING	3.00	3.00	9.00	1	9.00			16	1	
T-112	IL ROUTE 176	46+29	-46.5	R3-5R	RIGHT TURN ONLY	TELESCOPING	3.00	2.50	7.50	1	7.50			16	1	
T-113	IL ROUTE 176	44+83	-63.4	R1-1	STOP SIGN	TELESCOPING	3.00	3.00	7.45	1	7.45			16	1	
T-114	IL ROUTE 176	44+29	-48.7	R3-5R	RIGHT TURN ONLY	TELESCOPING	3.00	2.50	7.50	1	7.50			16	1	
RELOCATED SIGNS																
T-1A	IL RTE. 176	47+53	24.1	CUSTOM	DOWNTOWN DISTRICT	TELESCOPING	1.50	3.00	4.50	1				14.5	1	
T-1B	IL RTE. 176	47+53	24.1	CUSTOM	RIGHT ARROW	0	1.50	2.00	3.00	1						
T-2A	IL RTE. 176	48+54	22.9	CUSTOM	METRA	TELESCOPING	3.00	2.50	7.50	1				16	1	
T-2B	IL RTE. 176	48+54	22.9	CUSTOM	RIGHT ARROW	0	1.50	2.00	3.00	1						
T-4A	IL RTE. 176	52+15	27.5	CUSTOM	STREET SIGN (THIRD ST)	METAL POST	0.50	2.00	1.00	1						
T-4B	IL RTE. 176	52+15	27.5	CUSTOM	STREET SIGN (TERRA COTTA AVE)	METAL POST	0.50	3.00	1.50	1						
T-6	IL RTE. 176	56+17	59.0	CUSTOM	NO PARKING, THIS SIDE	TELESCOPING	1.50	1.00	1.50	1				14.5	1	
T-8A	IL RTE. 176	56+58	26.4	CUSTOM	STREET SIGN (SECOND ST)	METAL POST	0.50	2.00	1.00	1						
T-8B	IL RTE. 176	56+58	26.4	CUSTOM	STREET SIGN (TERRA COTTA AVE)	METAL POST	0.50	3.00	1.50	1						
T-10A	IL RTE. 176	59+75	32.9	CUSTOM	STREET SIGN (FIRST ST)	METAL POST	0.50	2.00	1.00	1						
T-10B	IL RTE. 176	59+75	32.9	CUSTOM	STREET SIGN (TERRA COTTA AVE)	METAL POST	0.50	3.00	1.50	1						
T-21B	IL RTE. 176	44+35	-41.5	CUSTOM	NO PARKING ANY TIME	TELESCOPING	1.50	1.00	1.50	1						
SUBTOTALS											107.80	0.00	273.50	18.00	0.00	
W-102	WALKUP AVENUE	43+43	50.0	R1-1	STOP SIGN	TELESCOPING	3.00	3.00	7.45	1	7.45			16	1	
W-103	WALKUP AVENUE	47+00	53.0	R1-1	STOP SIGN	TELESCOPING	3.00	3.00	7.45	1	7.45			16	1	
W-104	WALKUP AVENUE	47+95	35.0	R3-5FP	RIGHT LANE	TELESCOPING	1.00	2.50	2.50	1	2.50					
W-105	WALKUP AVENUE	47+95	35.0	R3-6R	THRU/RIGHT TURN	TELESCOPING	3.00	2.50	7.50	1	7.50			16	1	
W-153	WALKUP AVENUE	49+36	-65.5	R1-1	STOP SIGN	TRAFFIC SIGNAL	3.00	3.00	7.45	1	7.45					
W-154	WALKUP AVENUE	48+30	-35.8	R3-5FP	RIGHT LANE	TELESCOPING	1.00	2.50	2.50	1	2.50					
W-155	WALKUP AVENUE	48+30	-35.8	R3-6R	THRU/RIGHT TURN	TELESCOPING	3.00	2.50	7.50	1	7.50			16	1	
W-156	WALKUP AVENUE	47+30	-34.4	W10-1	RAILROAD GRADE CROSSING ADVANCE WARNING	TELESCOPING	3.00	3.00	7.07	1	7.07			16	1	
W-157	WALKUP AVENUE	46+63	-48.5	R1-1	STOP SIGN	TELESCOPING	3.00	3.00	7.45	1	7.45			16	1	
W-158	WALKUP AVENUE	46+42	-36.5	W9-2L	LANE ENDS MERGE LEFT	TELESCOPING	1.50	1.50	2.25	1	2.25			14.5	1	
SU-102	WALKUP AVENUE	47+23	34.5	R1-2	STOP SIGN	METAL POST	1.50	1.50	2.25	1	2.25					11.50
RELOCATED SIGNS																
W-3A	WALKUP AVENUE	43+58	32.6	CUSTOM	STREET SIGN (RAILROAD ST)	METAL POST	0.75	3.50	2.63	1						
W-3B	WALKUP AVENUE	43+58	32.6	CUSTOM	STREET SIGN (WALKUP AVE)	METAL POST	0.75	3.50	2.63	1						
W-4	WALKUP AVENUE	43+89	23.2	R12-1	WEIGHT LIMIT 12 TONS	TELESCOPING	2.00	1.50	3.00	1				15	1	
W-5A	WALKUP AVENUE	46+74	20.7	R10-7	DO NOT BLOCK INTERSECTION	TELESCOPING	2.50	2.00	5.00	1				15.5	1	
W-5B	WALKUP AVENUE	46+74	20.7	CUSTOM	CRIME STOPPERS	0	1.50	1.00	1.50	1						
W-7A	WALKUP AVENUE	47+59	22.8	CUSTOM	STREET SIGN (GATES ST)	METAL POST	0.75	2.50	1.88	1						
W-7B	WALKUP AVENUE	47+59	22.8	CUSTOM	STREET SIGN (WALKUP AVE)	METAL POST	0.75	3.50	2.63	1						
W-9	WALKUP AVENUE	48+41	24.0	CUSTOM	NO PARKING, ANY TIME	TELESCOPING	1.50	1.00	1.50	1				14.5	1	
W-87A	WALKUP AVENUE	48+21	-21.0	R12-1	WEIGHT LIMIT 12 TONS	TELESCOPING	2.50	2.00	5.00	1				15.5	1	
W-87B	WALKUP AVENUE	48+21	-21.0	CUSTOM	CRIME STOPPERS	0	1.50	1.00	1.50	1						
W-90A	WALKUP AVENUE	46+63	-26.4	CUSTOM	STREET SIGN (BURDENT DR)	METAL POST	0.75	3.50	2.63	1						
W-90B	WALKUP AVENUE	46+63	-26.4	CUSTOM	STREET SIGN (WALKUP AVE)	METAL POST	0.75	3.50	2.63	1						
W-92A	WALKUP AVENUE	43+43	-20.5	R8-8	DO NOT STOP ON TRACKS	TELESCOPING	2.50	2.00	5.00	1				15.5	1	
W-92B	WALKUP AVENUE	43+43	-20.5	CUSTOM	WARNING #500 FINE, RAIL ROAD CROSSING	0	2.00	1.50	3.00	1						
SUBTOTALS											61.37	0.00	186.50	14.00	11.50	
W-108	WALKUP ROAD	52+33	35.0	R2-1	SPEED LIMIT 30	TELESCOPING	3.00	2.50	7.50	1	7.50			16	1	
W-109	WALKUP ROAD	54+57	35.2	W9-2L	LANE ENDS MERGE LEFT	TELESCOPING	3.00	2.50	7.50	1	7.50			16	1	

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REVISIONS	
NAME	DATE

MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085

SIGNING SCHEDULE PROPOSED SIGNS SHEET 1 OF 3

SCALE: N.T.S.
DRAWN BY: MM

DATE: 04/15/11
CHECKED BY: MM

TENGO & ASSOCIATES, INC.
ENGINEERS, ARCHITECTS & PLANNERS
980 N. MICHIGAN AVE., CHICAGO, IL 60611
TEL: 312.931.1000

SCHEDULE OF PROPOSED SIGNS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0085	00-00246-02-FP	MCHENRY	292	159
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
CONTRACT NO: 63522				

SIGN ID	ROAD	PROPOSED LOCATION		MUTCD CODE	SIGN DESCRIPTION	GROUND MOUNTING TYPE	HEIGHT FT	WIDTH FT	AREA SQ. FT	PANEL TYPE	SIGN PANEL TYPE 1 (SPECIAL)	SIGN PANEL TYPE 2 (SPECIAL)	TELESCOPING STEEL SIGN SUPPORT (SPECIAL)***	BASE FOR TELESCOPING SIGN SUPPORT (SPECIAL)	METAL POST TYPE A
		STATION	OFFSET (+: RT, -: LT)												
W-110	WALKUP ROAD	60+02	39.3	R3-8b	LEFT TURN ONLY/THRU ONLY/RIGHT TURN ONLY	TELESCOPING	2.50	4.00	10.00	2	X7200105	X7200205	X7280105	X7310110	72900100
W-111	WALKUP ROAD	63+61	64.2	R1-1	STOP SIGN	TELESCOPING	3.00	3.00	7.45	1	7.45		16	1	
W-112	WALKUP ROAD	65+39	23.0	R2-1	SPEED LIMIT 40	TELESCOPING	3.00	2.50	7.50	1	7.50		16	1	
W-113	WALKUP ROAD	230+48	23.5	R2-1	SPEED LIMIT 45	TELESCOPING	3.00	2.50	7.50	1	7.50		16	1	
W-114	WALKUP ROAD	245+21	24.9	R2-1	SPEED LIMIT 45	TELESCOPING	3.00	2.50	7.50	1	7.50		16	1	
W-115	WALKUP ROAD	254+63	25.5	W1-2R	RIGHT CURVE	TELESCOPING	2.50	2.50	6.25	1	6.25		15.5	1	
W-116	WALKUP ROAD	259+43	24.8	CUSTOM	SIGNAL AHEAD- MASON HILL ROAD	TELESCOPING	1.50	6.00	9.00	1	9.00		14.5	2	
W-117	WALKUP ROAD	265+57	48.0	W1-7	TWO DIRECTION LARGE ARROW	TELESCOPING	4.00	2.00	8.00	1	8.00		17	1	
W-118	WALKUP ROAD	276+58	25.2	R2-1	SPEED LIMIT 45	TELESCOPING	3.00	2.50	7.50	1	7.50		16	1	
W-119	WALKUP ROAD	278+99	24.8	R3-9cP	BEGIN		1.00	2.50	2.50	1	2.50				
W-120	WALKUP ROAD	278+99	24.8	R3-9B	CENTER LANE TWO WAY LEFT TURN ONLY	TELESCOPING	3.00	2.00	6.00	1	6.00		16	1	
W-121	WALKUP ROAD	300+50	29.0	R2-1	SPEED LIMIT 50	TELESCOPING	3.00	2.50	7.50	1	7.50		16	1	
W-122	WALKUP ROAD	299+50	29.8	R3-9dP	END		1.00	2.50	2.50	1	2.50				
W-123	WALKUP ROAD	299+50	29.8	R3-9B	CENTER LANE TWO WAY LEFT TURN ONLY	TELESCOPING	3.00	2.00	6.00	1	6.00		16	1	
W-124	WALKUP ROAD	299+50	-26.7	R3-9cP	BEGIN		1.00	2.50	9.00	1	9.00				
W-125	WALKUP ROAD	299+50	-26.7	R3-9B	CENTER LANE TWO WAY LEFT TURN ONLY	TELESCOPING	3.00	2.00	6.00	1	6.00		16	1	
W-126	WALKUP ROAD	300+50	-25.1	R2-1	SPEED LIMIT 45	TELESCOPING	3.00	2.50	7.50	1	7.50		16	1	
W-127	WALKUP ROAD	283+80	-24.9	W1-2L	LEFT CURVE	TELESCOPING	2.50	2.50	6.25	1	6.25		15.5	1	
W-128	WALKUP ROAD	279+03	-25.6	R3-9dP	END		1.00	2.50	2.50	1	2.50				
W-129	WALKUP ROAD	279+03	-25.6	R3-9B	CENTER LANE TWO WAY LEFT TURN ONLY	TELESCOPING	3.00	2.00	6.00	1	6.00		16	1	
W-130	WALKUP ROAD	275+17	-29.0	R2-1	SPEED LIMIT 45	TELESCOPING	3.00	2.50	7.50	1	7.50		16	1	
W-131	WALKUP ROAD	275+58	-26.0	CUSTOM	SIGNAL AHEAD- MASON HILL ROAD	TELESCOPING	1.50	6.00	9.00	1	9.00		14.5	2	
W-132	WALKUP ROAD	268+60	-37.7	R3-5R	RIGHT TURN ONLY	TELESCOPING	3.00	2.50	7.50	1	7.50		16	1	
W-133	WALKUP ROAD	265+64	-87.2	R2-1	SPEED LIMIT 50		3.00	2.50	7.50	1	7.50				
W-134	WALKUP ROAD	249+08	-44.5	R1-1	STOP SIGN	TELESCOPING	3.00	3.00	7.45	1	7.45		16	1	
W-135	WALKUP ROAD	245+21	-25.7	R2-1	SPEED LIMIT 45	TELESCOPING	3.00	2.50	7.50	1	7.50		16	1	
W-136	WALKUP ROAD	240+49	-25.7	W1-4R	REVERSE CURVE	TELESCOPING	2.50	2.50	6.25	1	6.25		15.5	1	
W-137	WALKUP ROAD	238+28	-37.0	R3-5R	RIGHT TURN ONLY	TELESCOPING	3.00	2.50	7.50	1	7.50		16	1	
W-138	WALKUP ROAD	236+02	-52.6	R1-1	STOP SIGN	TELESCOPING	3.00	3.00	7.45	1	7.45		16	1	
W-139	WALKUP ROAD	231+69	-37.6	R3-5R	RIGHT TURN ONLY	TELESCOPING	3.00	2.50	9.00	1	9.00		16	1	
W-140	WALKUP ROAD	230+48	-36.8	R2-1	SPEED LIMIT 45	TELESCOPING	3.00	2.50	7.50	1	7.50		16	1	
W-141	WALKUP ROAD	228+34	-52.5	R1-1	STOP SIGN	TELESCOPING	3.00	3.00	7.45	1	7.45		16	1	
W-142	WALKUP ROAD	67+09	-26.0	R3-8b	LEFT TURN ONLY/THRU ONLY/RIGHT TURN ONLY	TELESCOPING	2.50	4.00	10.00	2		10	15.5	2	
W-143	WALKUP ROAD	63+59	-71.1	R2-1	SPEED LIMIT 30		3.00	2.50	7.50	1	7.50				
W-144	WALKUP ROAD	63+13	-64.6	R1-1	STOP SIGN	TELESCOPING	3.00	3.00	7.45	1	7.45		16	1	
W-145	WALKUP ROAD	61+63	-37.3	R2-1	SPEED LIMIT 30	TELESCOPING	3.00	2.50	7.50	1	7.50		16	1	
W-146	WALKUP ROAD	59+30	-54.2	R1-1	STOP SIGN	TELESCOPING	3.00	3.00	7.45	1	7.45		16	1	
W-147	WALKUP ROAD	58+56	-35.5	W3-3	SIGNAL AHEAD	TELESCOPING	2.50	2.50	6.25	1	6.25		15.5	1	
W-148	WALKUP ROAD	56+64	-37.4	R3-5R	RIGHT TURN ONLY	TELESCOPING	3.00	2.50	7.50	1	7.50		16	1	
W-149	WALKUP ROAD	54+97	-56.1	R4-7	KEEP RIGHT	TELESCOPING	2.50	2.00	5.00	1	5.00		15.5	1	
W-150	WALKUP ROAD	54+65	-58.5	R1-1	STOP SIGN	TELESCOPING	3.00	3.00	7.45	1	7.45		16	1	
W-151	WALKUP ROAD	52+56	-47.3	R3-5R	RIGHT TURN ONLY	TELESCOPING	3.00	2.50	9.00	1	9.00		16	1	
W-152	WALKUP ROAD	50+65	-61.2	R1-1	STOP SIGN	TRAFFIC SIGNAL	3.00	3.00	7.45	1	7.45				
SU-103	WALKUP ROAD	63+10	49.3	R1-2	STOP SIGN	METAL POST	1.50	1.50	2.25	1	2.25				11.50
SU-104	WALKUP ROAD	63+88	23.0	R1-2	STOP SIGN	METAL POST	1.50	1.50	2.25	1	2.25				11.50
RELOCATED SIGNS															
W-13A	WALKUP ROAD	53+24	35.0	CUSTOM	MC HENRY COUNTY, ADOPT A HIGHWAY	TELESCOPING	2.5	2.5	6.25	1			15.5	1	
W-13B	WALKUP ROAD	53+24	35.0	CUSTOM	BOY SCOUT TROOP 580	0	1.5	2.5	3.75	1					
W-18	WALKUP ROAD	79+33	39.9	R2-1	SPEED LIMIT 40	TELESCOPING	3.5	2.5	8.75	1			16.5	1	
W-19	WALKUP ROAD	73+92	32.3	CUSTOM	PARK HOURS 9A.M TO DUSK	TELESCOPING	1.5	1	1.5	1			14.5	1	
W-21	WALKUP ROAD	77+52	27.5	CUSTOM	THROUGH TRAFFIC (LEFT), RIGHT TURN ONLY (RIGHT)	TELESCOPING	2.5	2.5	6.25	1			15.5	1	
W-31A	WALKUP ROAD	267+28	25.4	CUSTOM	MCHENRY COUNTY ADOPT A HIGHWAY	TELESCOPING	2.5	2.5	6.25	1			15.5	1	
W-31B	WALKUP ROAD	267+28	25.4	CUSTOM	IN LOVING MEMORY OF MICHELLE MICHAELIS	0	1.5	2.5	3.75	1					
W-40A	WALKUP ROAD	270+45	-25.1	CUSTOM	MCHENRY COUNTY ADOPT A HIGHWAY	TELESCOPING	2.5	2.5	6.25	1			15.5	1	
W-40B	WALKUP ROAD	270+45	-25.1	CUSTOM	YOUR GROUP NAME HERE	0	1.5	2.5	3.75	1					
W-42A	WALKUP ROAD	265+64	-87.2	R12-1	WEIGHT LIMIT 8 TONS	TELESCOPING	2.5	2	5	1			15.5	1	
W-42B	WALKUP ROAD	265+64	-87.2	CUSTOM	OVERWEIGHT VEHICLE AND RALLY	TELESCOPING	2	1.5	3	1			15	1	
W-42C	WALKUP ROAD	265+64	-87.2	CUSTOM	VILLAGE OF BULL VALLEY	TELESCOPING	2	4	8	1			15	2	
W-43B	WALKUP ROAD	265+64	-87.2	CUSTOM	SOLICTORS PERMIT REQUIRED	TELESCOPING	1	1.5	1.5	1			14	1	


\S021A003.DGN ... \S021A003.DGN... CONTRACT NO. 63522 SHEET 159 OF 292
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REVISIONS	
NAME	DATE

MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085

SIGNING SCHEDULE
PROPOSED SIGNS
SHEET 2 OF 3

SCALE: N.T.S. DRAWN BY: MM
 DATE: 04/15/11 CHECKED BY: MM


TENG
TENG & ASSOCIATES, INC.
 ENGINEERS ARCHITECTS INTERIORS
 915 N. MICHIGAN AVE. CHICAGO, IL 60611
 TELEPHONE 312-944-0000

SCHEDULE OF PROPOSED SIGNS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0085	00-00246-02-FP	MCHENRY	292	160
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
CONTRACT NO: 63522				

SIGN ID	ROAD	PROPOSED LOCATION		MUTCD CODE	SIGN DESCRIPTION	GROUND MOUNTING TYPE	HEIGHT FT	WIDTH FT	AREA SQ. FT	PANEL TYPE	SIGN PANEL TYPE 1 (SPECIAL)	SIGN PANEL TYPE 2 (SPECIAL)	TELESCOPING STEEL SIGN SUPPORT (SPECIAL)***	BASE FOR TELESCOPING SIGN SUPPORT (SPECIAL)	METAL POST TYPE A
		STATION	OFFSET (FT) + : RT - : LT												
W-47	WALKUP ROAD	248+88	-30.3	CUSTOM	RAINTREE DR	TELESCOPING	0.75	2.5	1.875	1	X7200105	X7200205	X7280105	X7310110	72900100
W-53	WALKUP ROAD	235+78	-29.1	CUSTOM	COACHLIGHT RD	TELESCOPING	0.75	2	1.5	1			13.75	1	
W-59	WALKUP ROAD	228+06	-27.0	CUSTOM	STREET SIGN (ANVIL RD)	TELESCOPING	2	0.75	1.5	1			15	1	
W-60	WALKUP ROAD	228+77	-90.9	R12-1	WEIGHT LIMIT 5 TONS	TELESCOPING	2.5	2	5	1			15.5	1	
W-67A	WALKUP ROAD	74+96	-24.6	CUSTOM	CITY OF CRYSTAL LAKE	TELESCOPING	0.75	2.5	1.875	1			13.75	1	
W-67B	WALKUP ROAD	74+96	-24.6	CUSTOM	OUTSIDE WATER USAGE, CONSERVATION	0	2.5	2.5	6.25	1					
W-69B	WALKUP ROAD	63+59	-71.1	CUSTOM	WARNING NEIGHBORHOOD WATCH	TELESCOPING	1	1.5	1.5	1			14	1	
W-71A	WALKUP ROAD	62+98	-42.2	CUSTOM	STREET SIGN (WALKUP AVE)	LIGHT POLE	0.75	4	3	1					
W-71B	WALKUP ROAD	62+98	-42.2	CUSTOM	STREET SIGN (TALISMON DR)	LIGHT POLE	0.75	4	3	1					
W-73A	WALKUP ROAD	59+90	-34.9	CUSTOM	STREET SIGN (PARKVIEW CT)	METAL POST	0.75	4	3	1					
W-73B	WALKUP ROAD	59+90	-34.9	CUSTOM	STREET SIGN (WALKUP AVE)	METAL POST	0.75	4	3	1					
W-78A	WALKUP ROAD	55+40	-40.8	CUSTOM	STREET SIGN (WALKUP AVE)	METAL POST	0.75	3	2.25	1					
W-78B	WALKUP ROAD	55+40	-40.8	CUSTOM	STREET SIGN (CRYSTAL RIDGE)	METAL POST	0.75	4	3	1					
W-81	WALKUP ROAD	53+25	-43.0	CUSTOM	DOWNTOWN, LEFT ARROW	TELESCOPING	2	2.5	5	1			15	1	
Z-100A	WALKUP ROAD	75+00	23.0	W11-1	BICYCLE	TELESCOPING	2.5	2.5	6.25	1			15.5	1	
Z-100B	WALKUP ROAD	75+00	23.0	W16-9P	AHEAD	0	1	2.5	2.5	1					
Z-101	EXISTING BIKE PATH	76+45	-30.0	R1-1	STOP SIGN	TELESCOPING	1.5	1.5	2.25	1			14.5	1	
Z-102A	WALKUP ROAD	76+47	23.0	W11-1	BICYCLE	TELESCOPING	2.5	2.5	6.25	1			15.5	1	
Z-102B	WALKUP ROAD	76+47	23.0	W16-7PL	DOWN LEFT ARROW	0	1	2.5	2.5	1					
Z-103A	WALKUP ROAD	76+63	-24.0	W11-1	BICYCLE	TELESCOPING	2.5	2.5	6.25	1			15.5	1	
Z-103B	WALKUP ROAD	76+63	-24.0	W16-7PL	DOWN LEFT ARROW	0	1	2.5	2.5	1					
Z-104	EXISTING BIKE PATH	76+65	39.0	R1-1	STOP SIGN	TELESCOPING	1.5	1.5	2.25	1			14.5	1	
Z-105A	WALKUP ROAD	78+22	-24.0	W11-1	BICYCLE	TELESCOPING	2.5	2.5	6.25	1			15.5	1	
Z-105B	WALKUP ROAD	78+22	-24.0	W16-9P	AHEAD	0	1	2.5	2.5	1					
SUBTOTALS											306.10	20.00	946.75	66.00	23.00
TOTALS											475.27	20.00	1406.75	98.00	34.50

I:\S021003.DGN ... S021003.DGN ... 03A\CIVIL\CAD\02 CONTRACT\VA TENG\SHEET\S021003.DGN STANNRJ
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REVISIONS	
NAME	DATE

MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085

**SIGNING SCHEDULE
PROPOSED SIGNS
SHEET 3 OF 3**

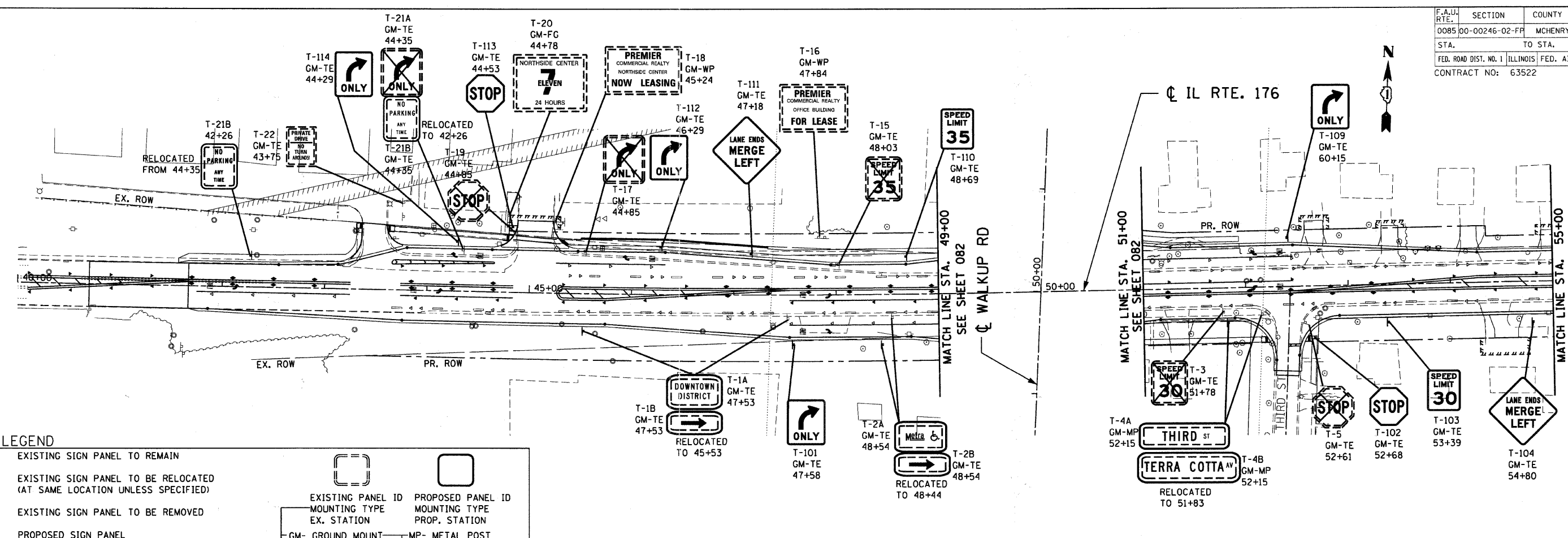
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DATE: 04/15/11 CHECKED BY: MM

TENG

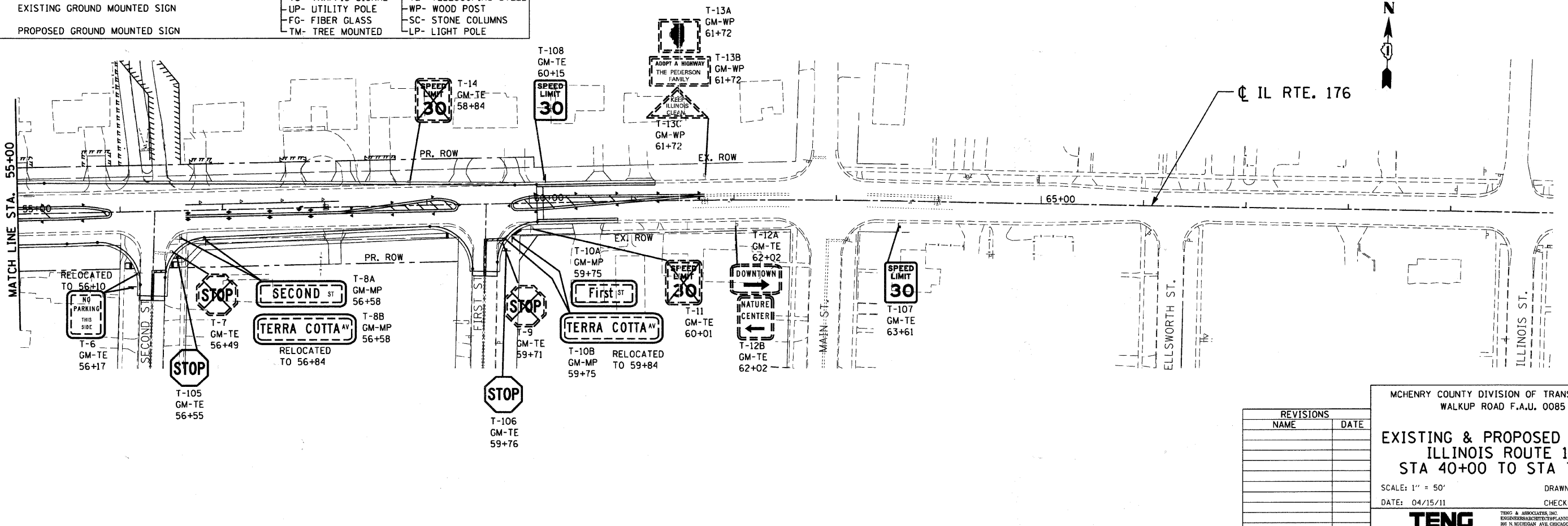
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
305 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312.963.0020

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0085	00-00246-02-FP	MCHENRY	292	161
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT			
CONTRACT NO: 63522				



SIGNING LEGEND			
[Symbol]	EXISTING SIGN PANEL TO REMAIN	[Symbol]	EXISTING PANEL ID
[Symbol]	EXISTING SIGN PANEL TO BE RELOCATED (AT SAME LOCATION UNLESS SPECIFIED)	[Symbol]	EXISTING MOUNTING TYPE
[Symbol]	EXISTING SIGN PANEL TO BE REMOVED	[Symbol]	PROPOSED PANEL ID
[Symbol]	PROPOSED SIGN PANEL	[Symbol]	PROPOSED MOUNTING TYPE
[Symbol]	EXISTING GROUND MOUNTED SIGN	[Symbol]	EX. STATION
[Symbol]	PROPOSED GROUND MOUNTED SIGN	[Symbol]	PROP. STATION
	GM- GROUND MOUNT	MP- METAL POST	
	TS- TRAFFIC SIGNAL	TE- TELESCOPING STEEL	
	UP- UTILITY POLE	WP- WOOD POST	
	FG- FIBER GLASS	SC- STONE COLUMNS	
	TM- TREE MOUNTED	LP- LIGHT POLE	



REVISIONS	
NAME	DATE

MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085

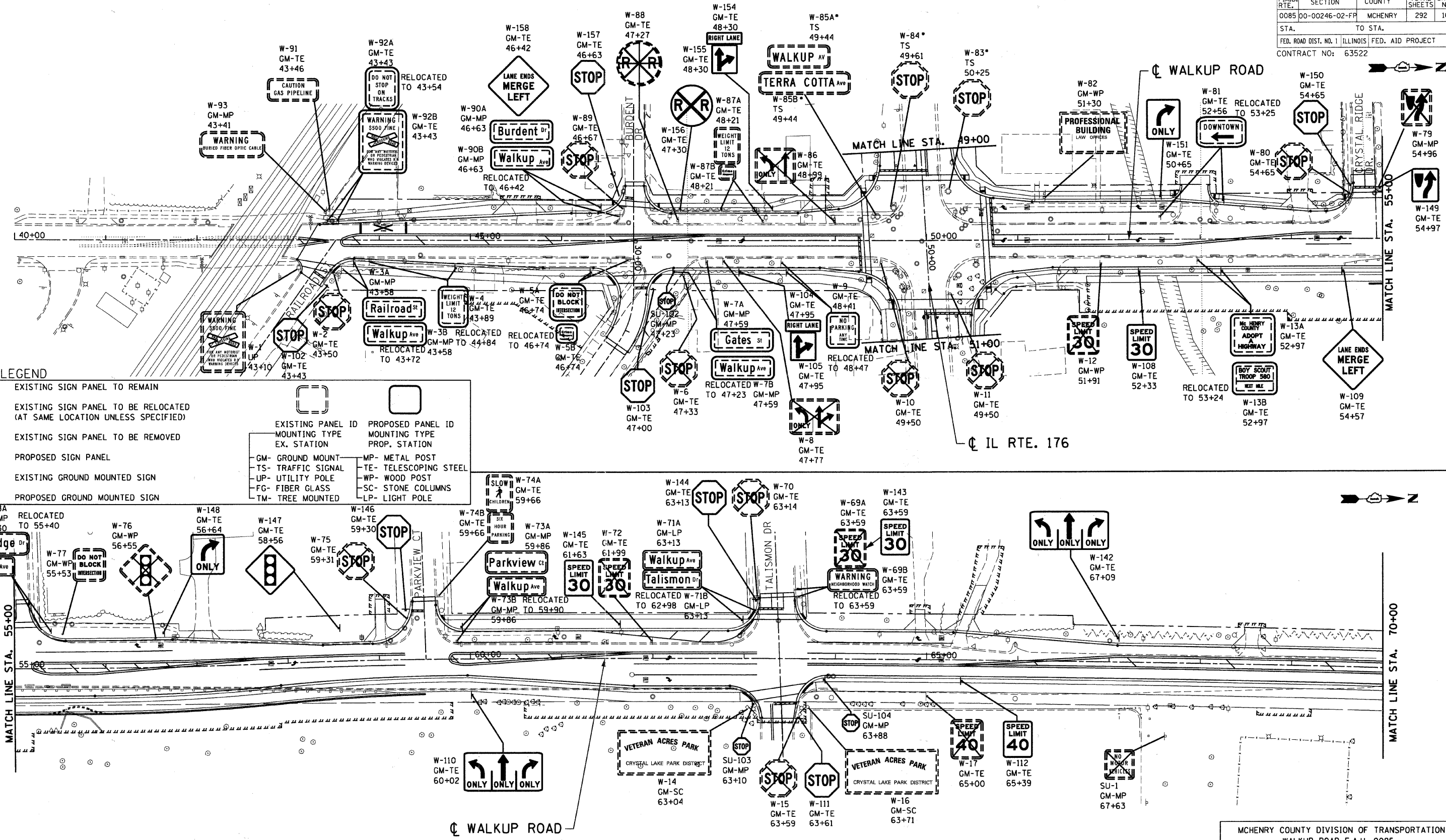
EXISTING & PROPOSED SIGNING
ILLINOIS ROUTE 176
STA 40+00 TO STA 70+00

SCALE: 1" = 50' DRAWN BY: MM
DATE: 04/15/11 CHECKED BY:

TENG

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/LANDSCAPERS
305 N. MICHIGAN AVE. CHICAGO, IL 60610
TELEPHONE: 312-467-0900

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0085	00-00246-02-FP	MCHENRY	292	162
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO: 63522				



SIGNING LEGEND

	EXISTING SIGN PANEL TO REMAIN		EXISTING PANEL ID MOUNTING TYPE		PROPOSED PANEL ID MOUNTING TYPE
	EXISTING SIGN PANEL TO BE RELOCATED (AT SAME LOCATION UNLESS SPECIFIED)		EXISTING SIGN PANEL TO BE REMOVED		PROPOSED SIGN PANEL
	EXISTING GROUND MOUNTED SIGN		PROPOSED GROUND MOUNTED SIGN		
		GM- GROUND MOUNT	MP- METAL POST		
		TS- TRAFFIC SIGNAL	TE- TELESCOPING STEEL		
		UP- UTILITY POLE	WP- WOOD POST		
		FG- FIBER GLASS	SC- STONE COLUMNS		
		TM- TREE MOUNTED	LP- LIGHT POLE		

• REMOVAL/RELOCATION BY TRAFFIC SIGNAL CONTRACTOR

REVISIONS	
NAME	DATE

MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085

EXISTING & PROPOSED SIGNING
WALKUP ROAD
STA 40+00 TO STA 70+00

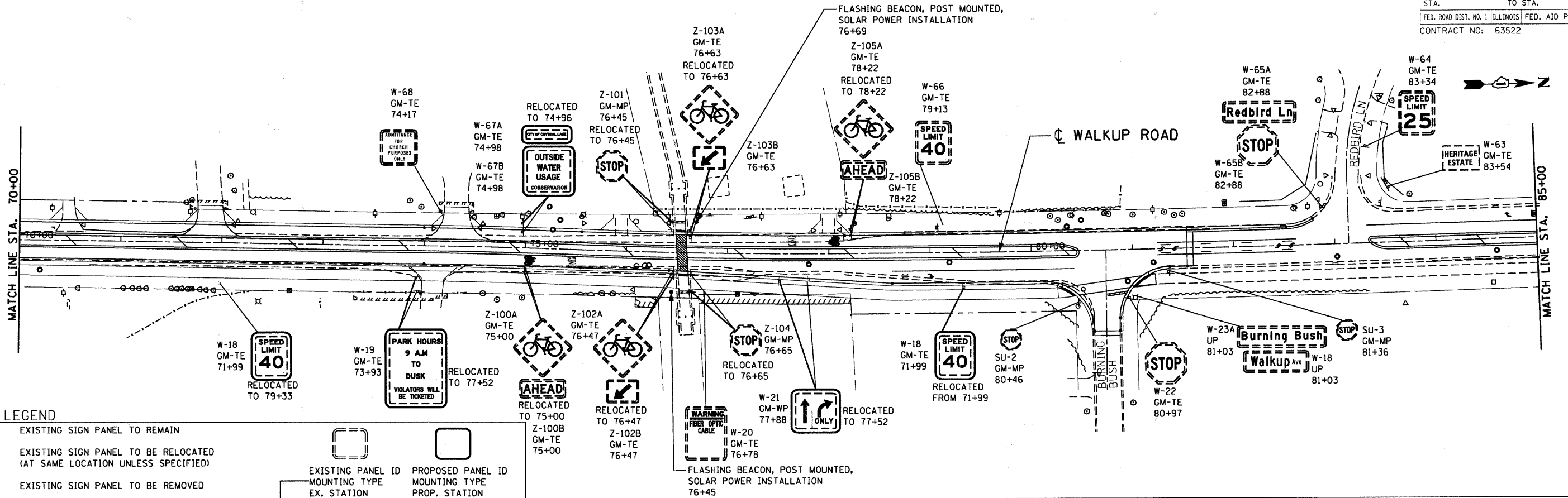
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DATE: 04/15/11

DRAWN BY: MM
CHECKED BY:

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
285 N. MICHIGAN AVE., CHICAGO, IL 60611
TELEPHONE: 312.644.0000

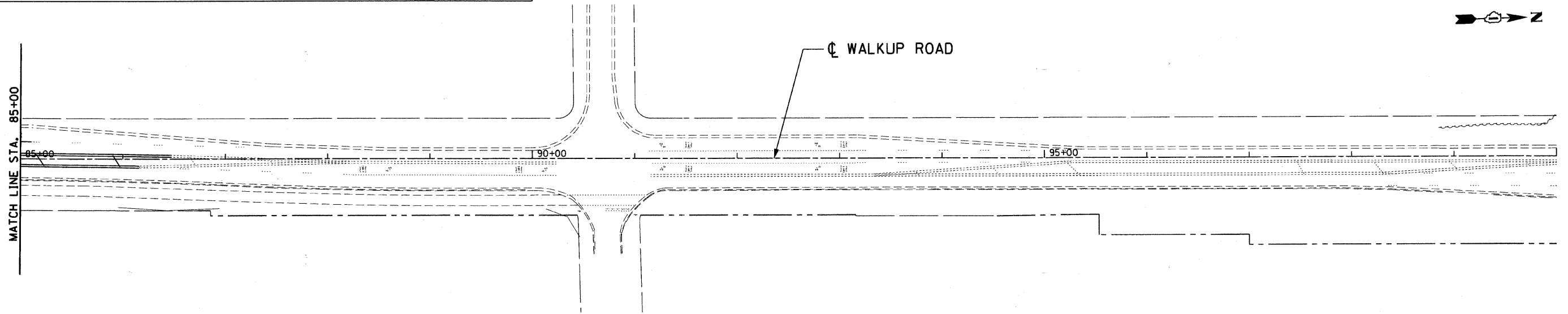
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0085	00-00246-02-FF	MCHENRY	292	163
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
CONTRACT NO: 63522				



SIGNING LEGEND

	EXISTING SIGN PANEL TO REMAIN		EXISTING PANEL ID
	EXISTING SIGN PANEL TO BE RELOCATED (AT SAME LOCATION UNLESS SPECIFIED)		PROPOSED PANEL ID
	EXISTING SIGN PANEL TO BE REMOVED		
	PROPOSED SIGN PANEL		
	EXISTING GROUND MOUNTED SIGN		
	PROPOSED GROUND MOUNTED SIGN		
		GM- GROUND MOUNT	MP- METAL POST
		TS- TRAFFIC SIGNAL	TE- TELESCOPING STEEL
		UP- UTILITY POLE	WP- WOOD POST
		FG- FIBER GLASS	SC- STONE COLUMNS
		TM- TREE MOUNTED	LP- LIGHT POLE



REVISIONS	
NAME	DATE

MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085

EXISTING & PROPOSED SIGNING
WALKUP ROAD
STA 70+00 TO STA 100+00

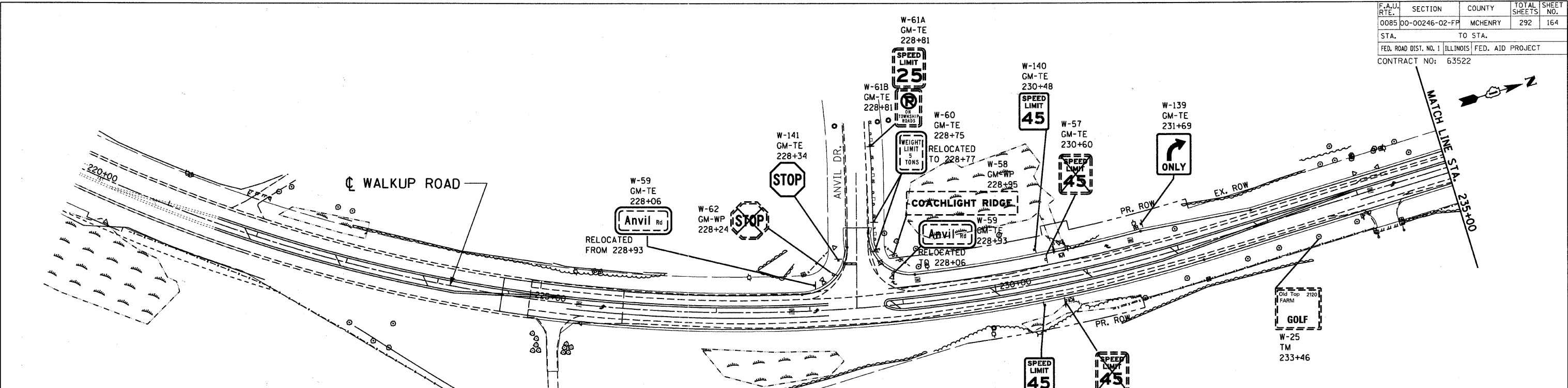
SCALE: 1" = 50'
DATE: 04/15/11

DRAWN BY: MM
CHECKED BY:

TENG
TENG & ASSOCIATES, INC.
ENGINEERS ARCHITECTS PLANNERS
200 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312.688.6000

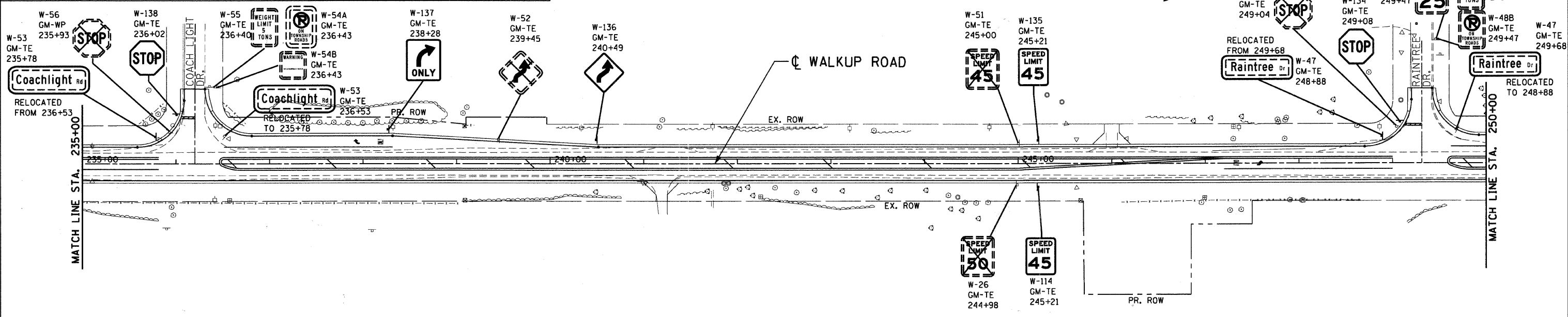
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F.A.U. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0085	00-00246-02-FP	MCHENRY	292	164
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
CONTRACT NO: 63522				



SIGNING LEGEND

	EXISTING SIGN PANEL TO REMAIN		EXISTING PANEL ID MOUNTING TYPE		PROPOSED PANEL ID MOUNTING TYPE
	EXISTING SIGN PANEL TO BE RELOCATED (AT SAME LOCATION UNLESS SPECIFIED)	EX. STATION	EX. STATION	PROP. STATION	PROP. STATION
	EXISTING SIGN PANEL TO BE REMOVED	GM- GROUND MOUNT	MP- METAL POST	TE- TELESCOPING STEEL	WP- WOOD POST
	PROPOSED SIGN PANEL	TS- TRAFFIC SIGNAL	SC- STONE COLUMNS	LP- LIGHT POLE	
	EXISTING GROUND MOUNTED SIGN	UP- UTILITY POLE			
	PROPOSED GROUND MOUNTED SIGN	FG- FIBER GLASS			
		TM- TREE MOUNTED			



REVISIONS	
NAME	DATE

MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085

EXISTING & PROPOSED SIGNING
STA 220+00 TO STA 250+00

SCALE: 1" = 50'
DATE: 04/15/11

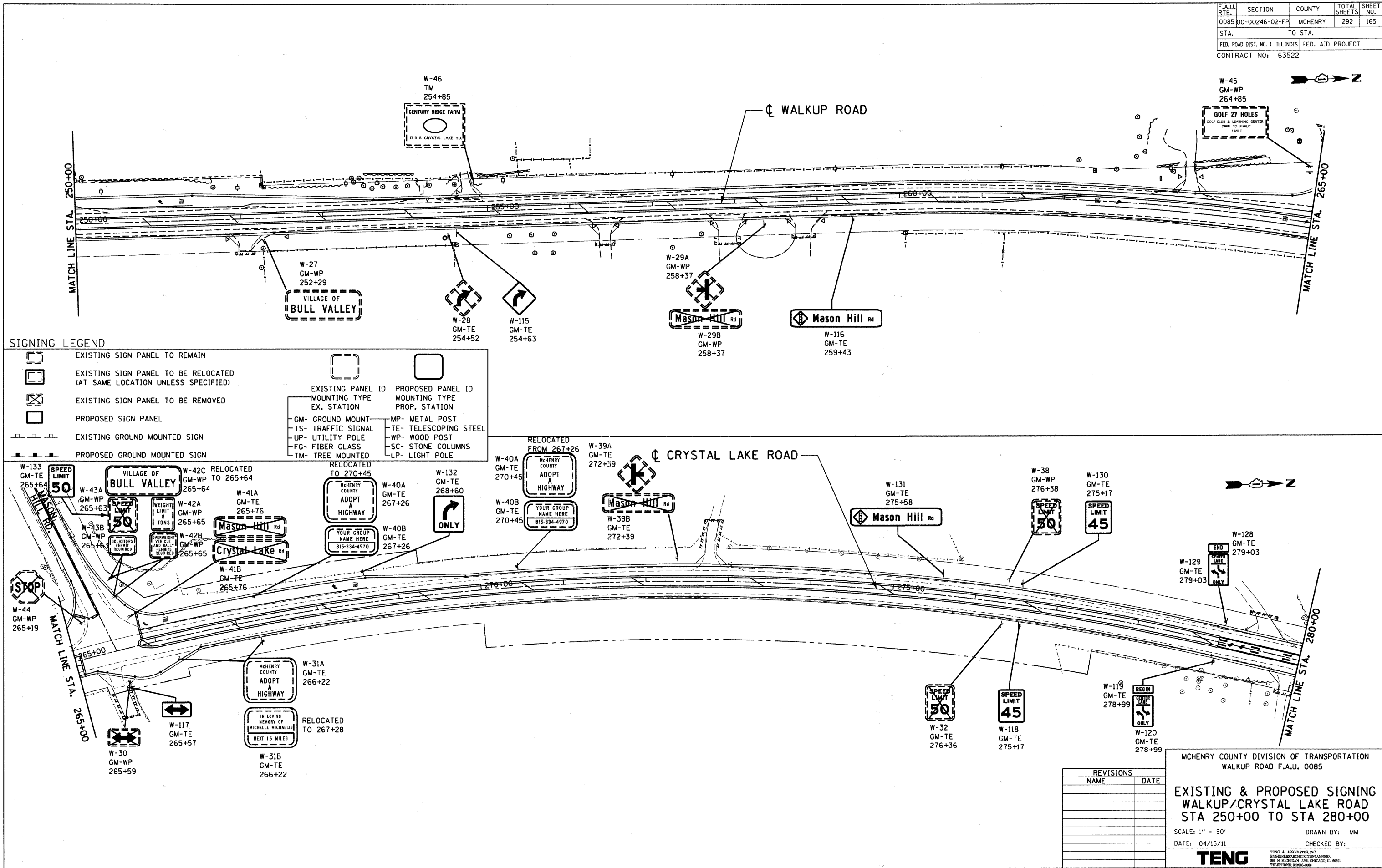
DRAWN BY: MM
CHECKED BY:

TENG

TENG & ASSOCIATES, INC.
ENGINEERS ARCHITECTS PLANNERS
816 N. MICHIGAN AVE., CHICAGO, IL 60610
TELEPHONE: 312-644-0000

\AL021002.DGN, \B0981001.DGN, \B0981002.DGN, \B0981003.DGN, \B0981004.DGN, \B0981005.DGN, \B0981006.DGN, \B0981007.DGN, \B0981008.DGN, \B0981009.DGN, \B0981010.DGN, \B0981011.DGN, \B0981012.DGN, \B0981013.DGN, \B0981014.DGN, \B0981015.DGN, \B0981016.DGN, \B0981017.DGN, \B0981018.DGN, \B0981019.DGN, \B0981020.DGN, \B0981021.DGN, \B0981022.DGN, \B0981023.DGN, \B0981024.DGN, \B0981025.DGN, \B0981026.DGN, \B0981027.DGN, \B0981028.DGN, \B0981029.DGN, \B0981030.DGN, \B0981031.DGN, \B0981032.DGN, \B0981033.DGN, \B0981034.DGN, \B0981035.DGN, \B0981036.DGN, \B0981037.DGN, \B0981038.DGN, \B0981039.DGN, \B0981040.DGN, \B0981041.DGN, \B0981042.DGN, \B0981043.DGN, \B0981044.DGN, \B0981045.DGN, \B0981046.DGN, \B0981047.DGN, \B0981048.DGN, \B0981049.DGN, \B0981050.DGN, \B0981051.DGN, \B0981052.DGN, \B0981053.DGN, \B0981054.DGN, \B0981055.DGN, \B0981056.DGN, \B0981057.DGN, \B0981058.DGN, \B0981059.DGN, \B0981060.DGN, \B0981061.DGN, \B0981062.DGN

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0085	00-00246-02-FP	MCHENRY	292	165
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO: 63522				



SIGNING LEGEND

	EXISTING SIGN PANEL TO REMAIN		EXISTING PANEL ID		PROPOSED PANEL ID
	EXISTING SIGN PANEL TO BE RELOCATED (AT SAME LOCATION UNLESS SPECIFIED)		EXISTING MOUNTING TYPE		PROPOSED MOUNTING TYPE
	EXISTING SIGN PANEL TO BE REMOVED		EXISTING STATION		PROPOSED STATION
	PROPOSED SIGN PANEL	GM-	GROUND MOUNT	MP-	METAL POST
	EXISTING GROUND MOUNTED SIGN	TS-	TRAFFIC SIGNAL	TE-	TELESCOPING STEEL
	PROPOSED GROUND MOUNTED SIGN	UP-	UTILITY POLE	WP-	WOOD POST
		FG-	FIBER GLASS	SC-	STONE COLUMNS
		TM-	TREE MOUNTED	LP-	LIGHT POLE

\AL021A002.DGN, \P01008YLD01.DGN, \P01008YLD02.DGN, \P01008YLD03.DGN, \P01008YLD04.DGN, \P01008YLD05.DGN, \P01008YLD06.DGN, \P01008YLD07.DGN, \P01008YLD08.DGN, \P01008YLD09.DGN, \P01008YLD10.DGN, \P01008YLD11.DGN, \P01008YLD12.DGN, \P01008YLD13.DGN, \P01008YLD14.DGN, \P01008YLD15.DGN, \P01008YLD16.DGN, \P01008YLD17.DGN, \P01008YLD18.DGN, \P01008YLD19.DGN, \P01008YLD20.DGN, \P01008YLD21.DGN, \P01008YLD22.DGN, \P01008YLD23.DGN, \P01008YLD24.DGN, \P01008YLD25.DGN, \P01008YLD26.DGN, \P01008YLD27.DGN, \P01008YLD28.DGN, \P01008YLD29.DGN, \P01008YLD30.DGN, \P01008YLD31.DGN, \P01008YLD32.DGN, \P01008YLD33.DGN, \P01008YLD34.DGN, \P01008YLD35.DGN, \P01008YLD36.DGN, \P01008YLD37.DGN, \P01008YLD38.DGN, \P01008YLD39.DGN, \P01008YLD40.DGN, \P01008YLD41.DGN, \P01008YLD42.DGN, \P01008YLD43.DGN, \P01008YLD44.DGN, \P01008YLD45.DGN, \P01008YLD46.DGN, \P01008YLD47.DGN, \P01008YLD48.DGN, \P01008YLD49.DGN, \P01008YLD50.DGN, \P01008YLD51.DGN, \P01008YLD52.DGN, \P01008YLD53.DGN, \P01008YLD54.DGN, \P01008YLD55.DGN, \P01008YLD56.DGN, \P01008YLD57.DGN, \P01008YLD58.DGN, \P01008YLD59.DGN, \P01008YLD60.DGN, \P01008YLD61.DGN, \P01008YLD62.DGN, \P01008YLD63.DGN, \P01008YLD64.DGN, \P01008YLD65.DGN, \P01008YLD66.DGN, \P01008YLD67.DGN, \P01008YLD68.DGN, \P01008YLD69.DGN, \P01008YLD70.DGN, \P01008YLD71.DGN, \P01008YLD72.DGN, \P01008YLD73.DGN, \P01008YLD74.DGN, \P01008YLD75.DGN, \P01008YLD76.DGN, \P01008YLD77.DGN, \P01008YLD78.DGN, \P01008YLD79.DGN, \P01008YLD80.DGN, \P01008YLD81.DGN, \P01008YLD82.DGN, \P01008YLD83.DGN, \P01008YLD84.DGN, \P01008YLD85.DGN, \P01008YLD86.DGN, \P01008YLD87.DGN, \P01008YLD88.DGN, \P01008YLD89.DGN, \P01008YLD90.DGN, \P01008YLD91.DGN, \P01008YLD92.DGN, \P01008YLD93.DGN, \P01008YLD94.DGN, \P01008YLD95.DGN, \P01008YLD96.DGN, \P01008YLD97.DGN, \P01008YLD98.DGN, \P01008YLD99.DGN, \P01008YLD100.DGN

REVISIONS	
NAME	DATE

MCHENRY COUNTY DIVISION OF TRANSPORTATION
 WALKUP ROAD F.A.U. 0085

EXISTING & PROPOSED SIGNING
 WALKUP/CRYSTAL LAKE ROAD
 STA 250+00 TO STA 280+00

SCALE: 1" = 50'
 DATE: 04/15/11

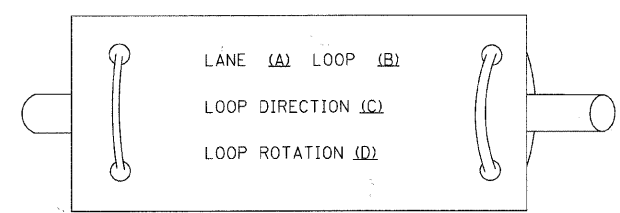
DRAWN BY: MM
 CHECKED BY:

TENG
 TENG & ASSOCIATES, INC.
 ENGINEERING ARCHITECTURE PLANNERS
 815 N. MICHIGAN AVE. CHICAGO, IL 60610
 TELEPHONE: 312.666.0000

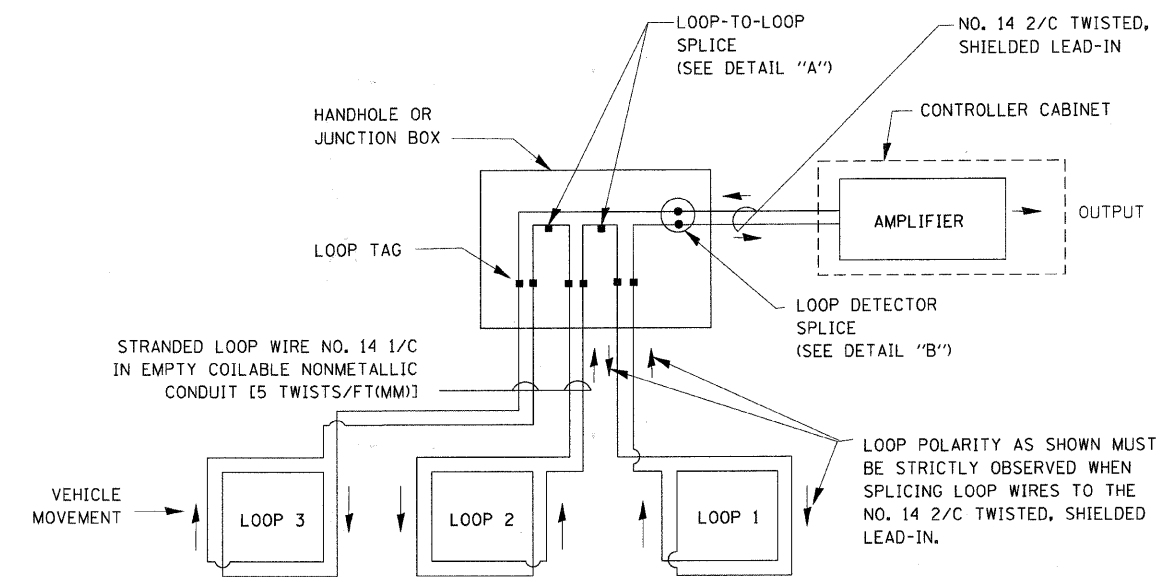
LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

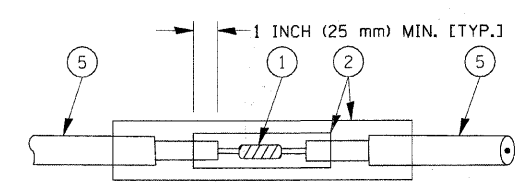


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

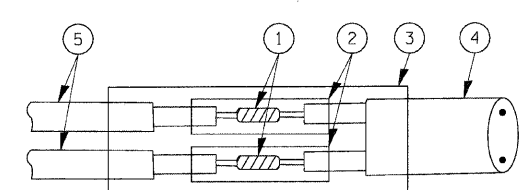


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

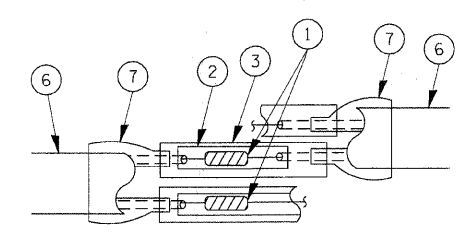


DETAIL "A" LOOP-TO-LOOP SPLICE

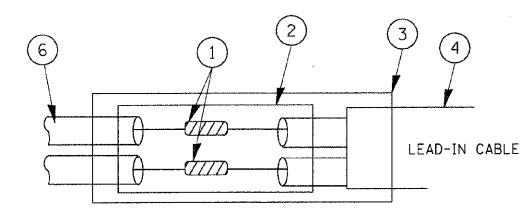


DETAIL "B" LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A" LOOP-TO-LOOP SPLICE



DETAIL "B" LOOP-TO-CONTROLLER SPLICE

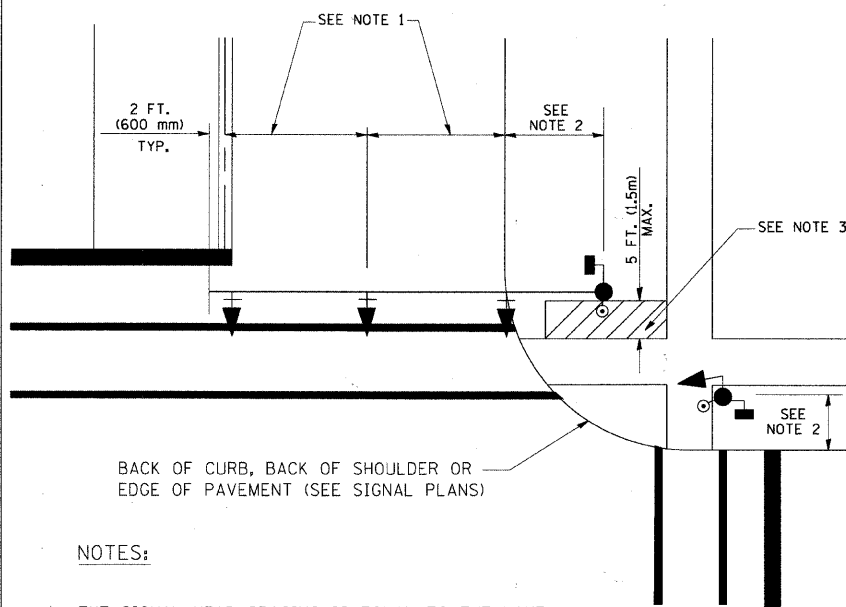
LOOP DETECTOR SPLICE

- 1 WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH.
- 2 WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- 3 WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- 4 NO. 14 2/C TWISTED, SHIELDED CABLE.
- 5 LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
- 6 PRE-FORMED LOOP
- 7 XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS, TYCO CBR-2 OR APPROVED EQUAL

FILE NAME =	USER NAME = bauerdl	DESIGNED - DAD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\PWIDOT\BAUERDL\d0108315\ts05.dgn	DRAWN - BCK	CHECKED - DAD	REVISED -			0085	00-00246-02-FP	MCHENRY	292	167
PLOT SCALE = 50.0000' / IN.	DATE - 10-28-09	REVISI	SCALE: NONE			SHEET NO. 1 OF 6 SHEETS STA. TO STA.		TS-05		CONTRACT NO. 63522
PLOT DATE = 11/4/2009								FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT		

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

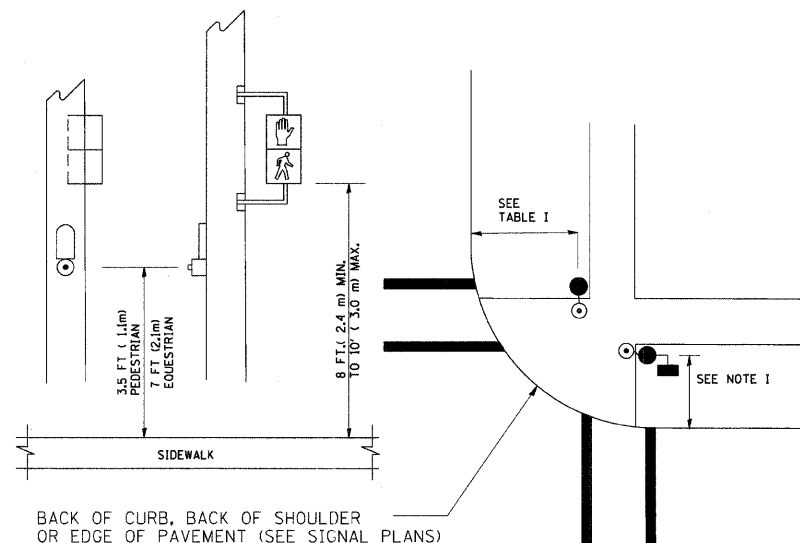
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA, INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



NOTES:

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

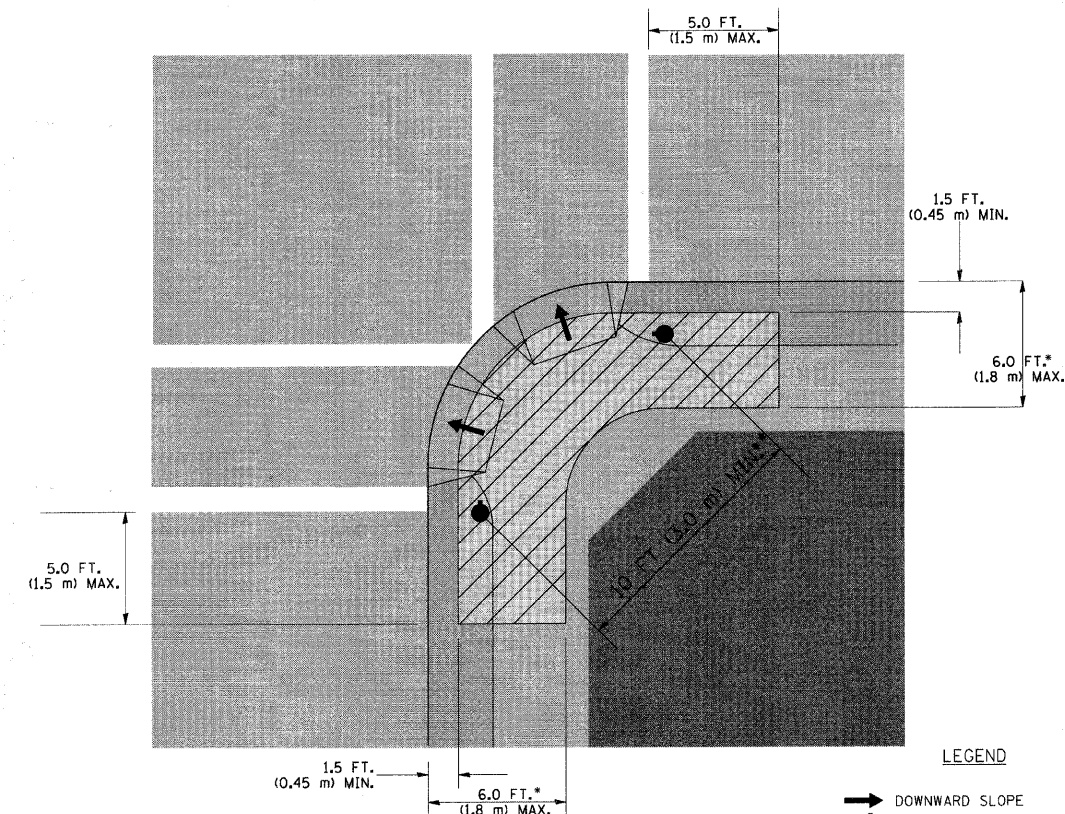
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



NOTES:

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

RECOMMENDED PUSHBUTTON LOCATIONS



- WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- ** WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

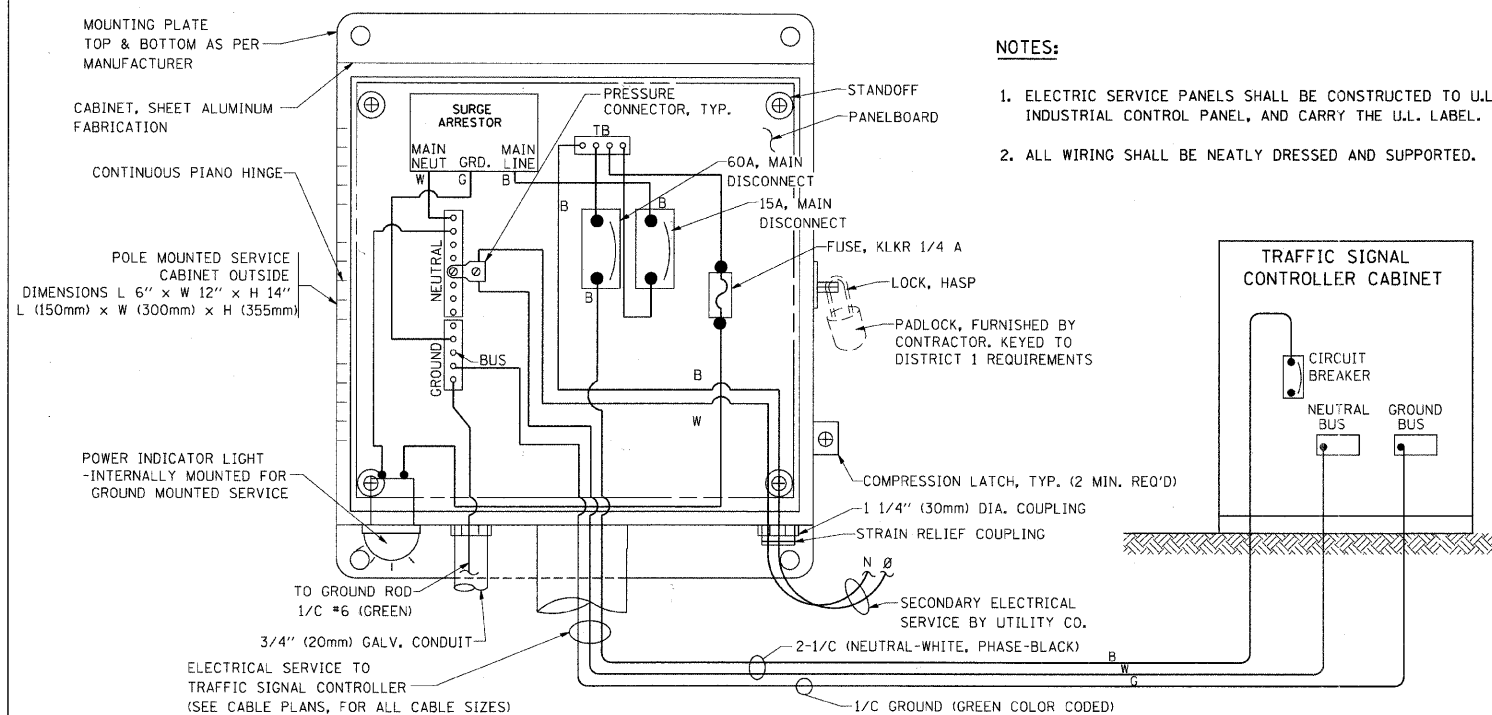
1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

TRAFFIC SIGNAL EQUIPMENT OFFSET

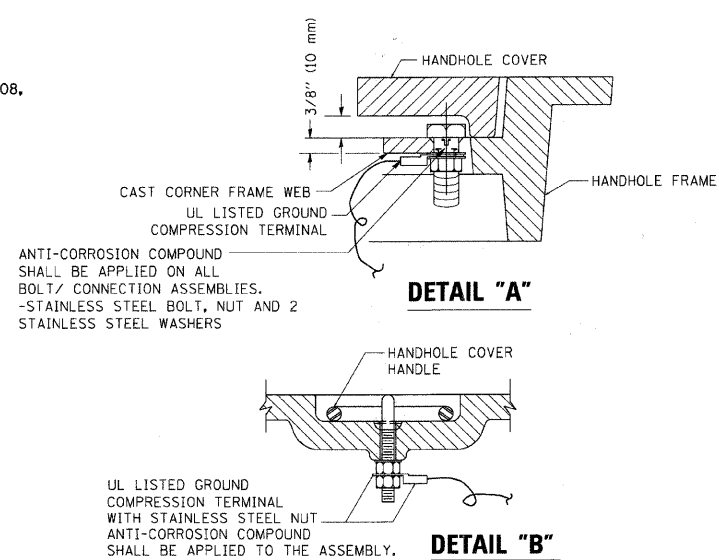
TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

NOTES:

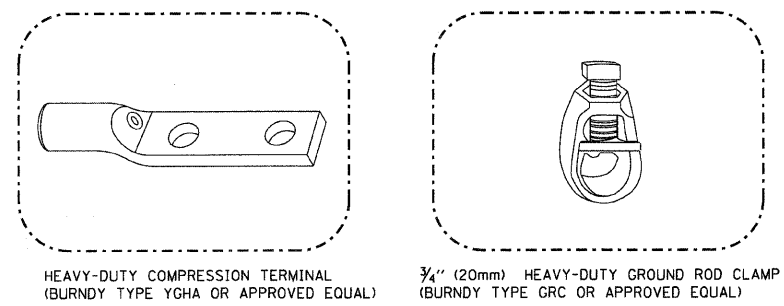
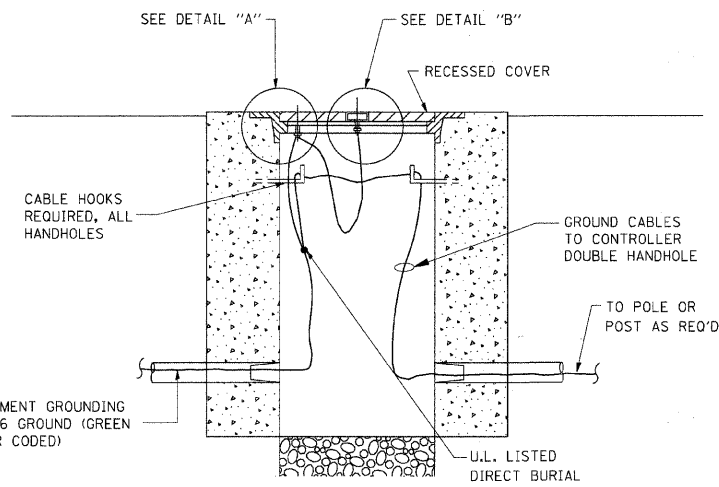
1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TO THE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.



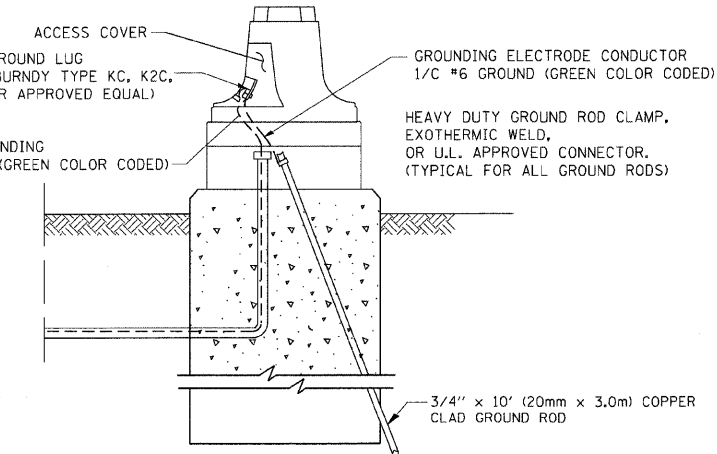
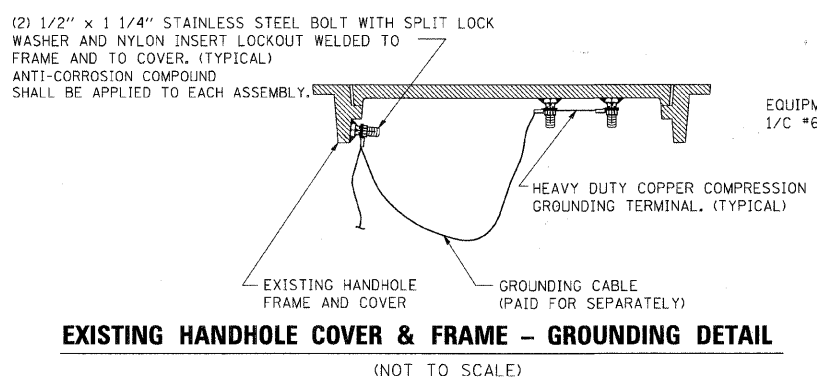
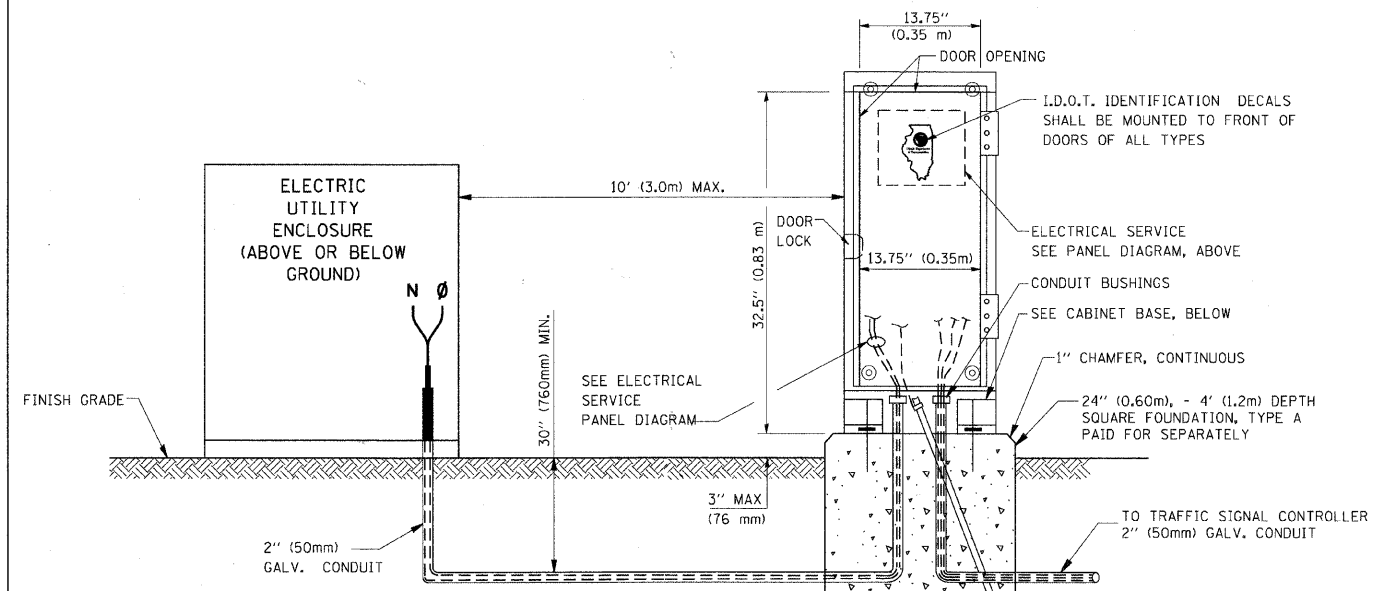
- NOTES:**
1. ELECTRIC SERVICE PANELS SHALL BE CONSTRUCTED TO U.L. STD 508, INDUSTRIAL CONTROL PANEL, AND CARRY THE U.L. LABEL.
 2. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.



- NOTES:**
- GROUNDING SYSTEM**
1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD, ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
 2. THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
 3. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
 4. THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.

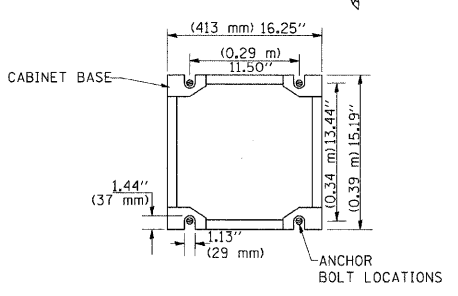


- NOTES:**
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
 - GROUND CABLE SHALL BE LOOPEO OVER HOOKS IN THE HANDHOLES 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



SERVICE INSTALLATION GROUND MOUNT
 (NOT TO SCALE)

CABINET - BASE BOLT PATTERN
 (NOT TO SCALE)

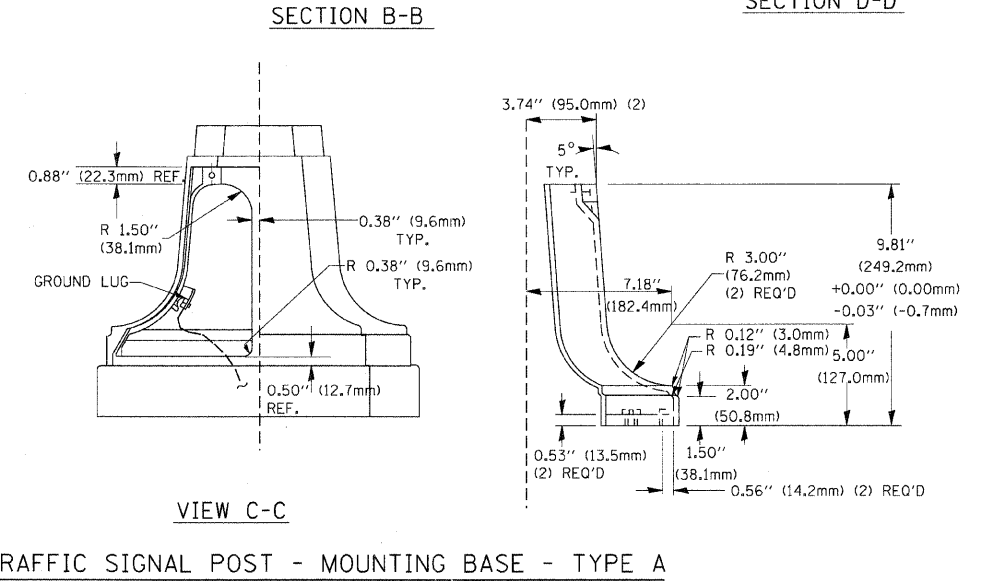
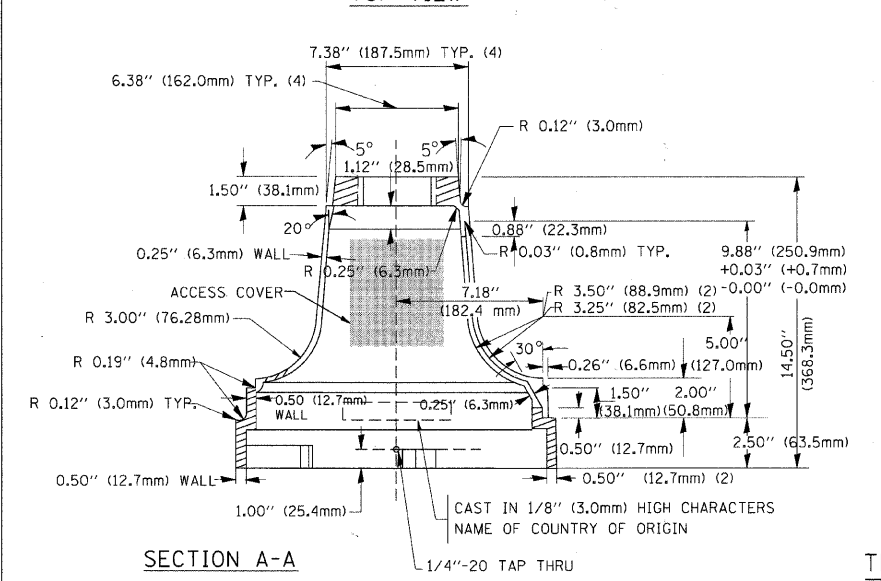
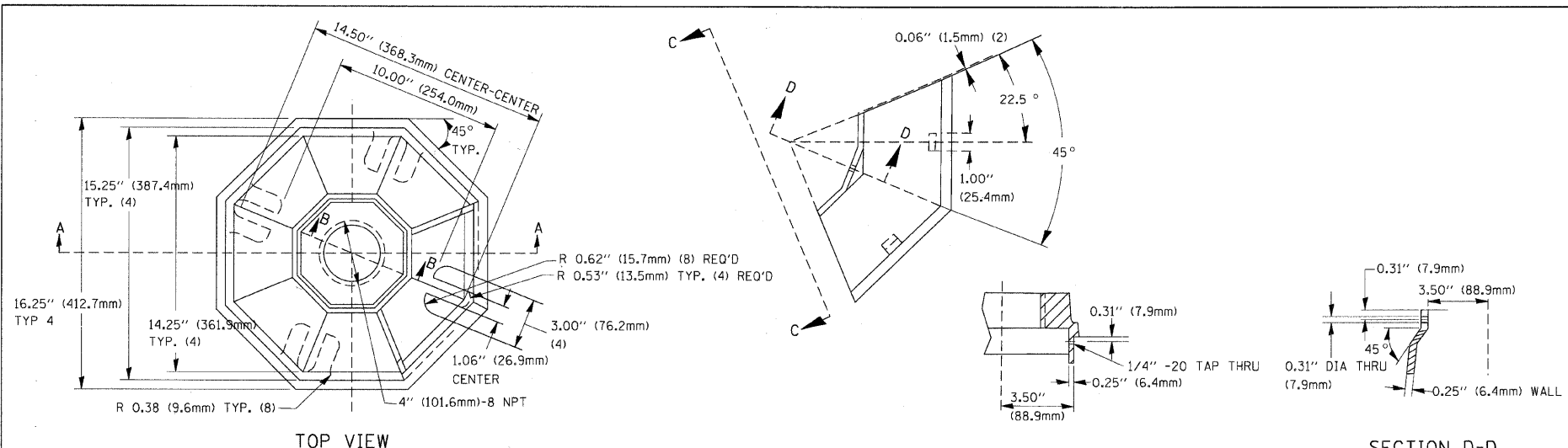


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at:\pwork\PW\IDOT\BAUEROL\0108315\1605.dgn		DRAWN - BCK	REVISED -
	PLT SCALE = 50.0000' / IN.	CHECKED - DAD	REVISED -
	PLT DATE = 11/4/2009	DATE - 10-28-09	REVISED -

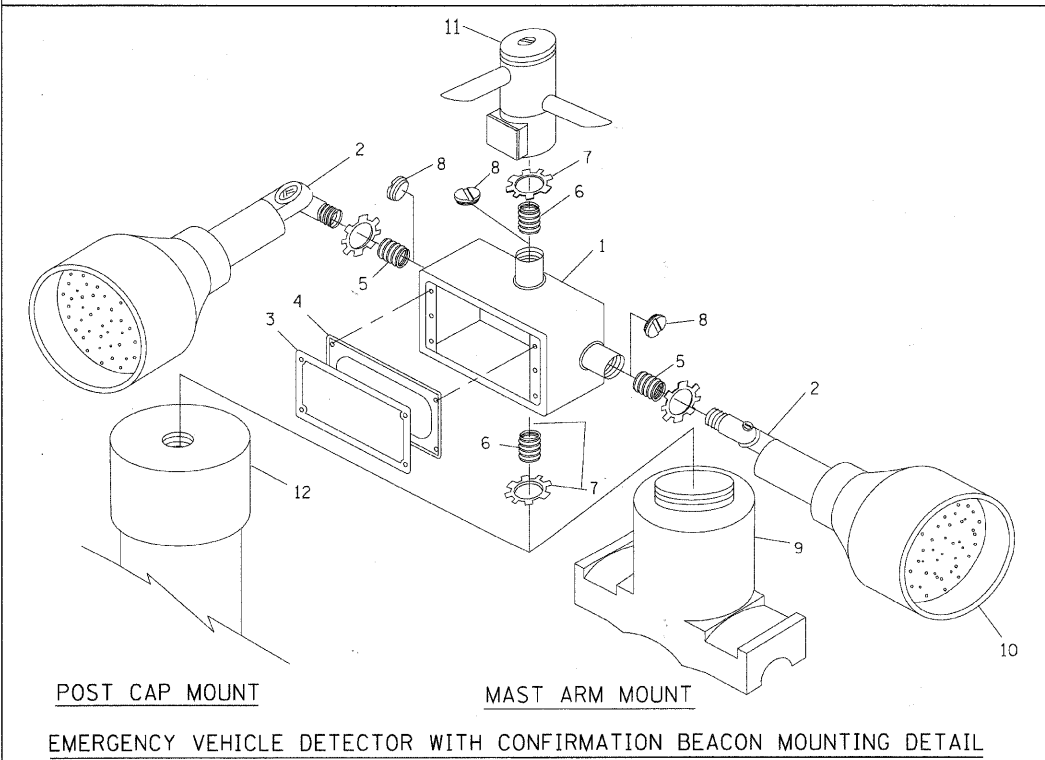
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE			
STANDARD TRAFFIC SIGNAL DESIGN DETAILS			
SCALE: NONE	SHEET NO. 3 OF 6 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0085	00-00246-02-FP	MCHENRY	292	169
TS-05		CONTRACT NO. 63522		
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				

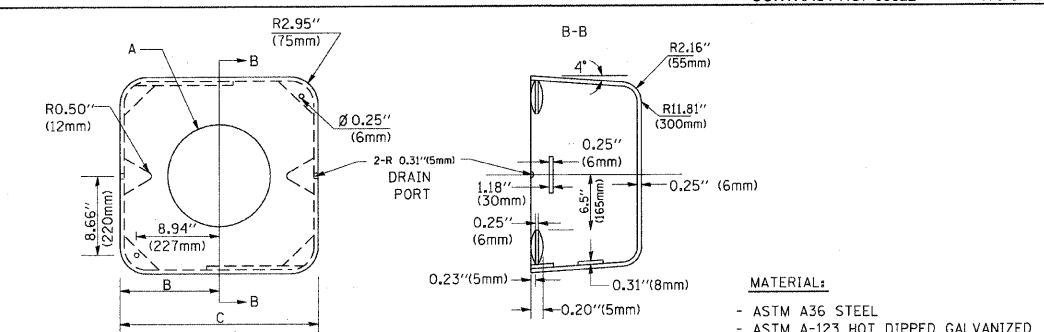


TRAFFIC SIGNAL POST - MOUNTING BASE - TYPE A



ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4" (19 mm) CLOSE NIPPLE
7	3/4" (19 mm) LOCKNUT
8	3/4" (19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

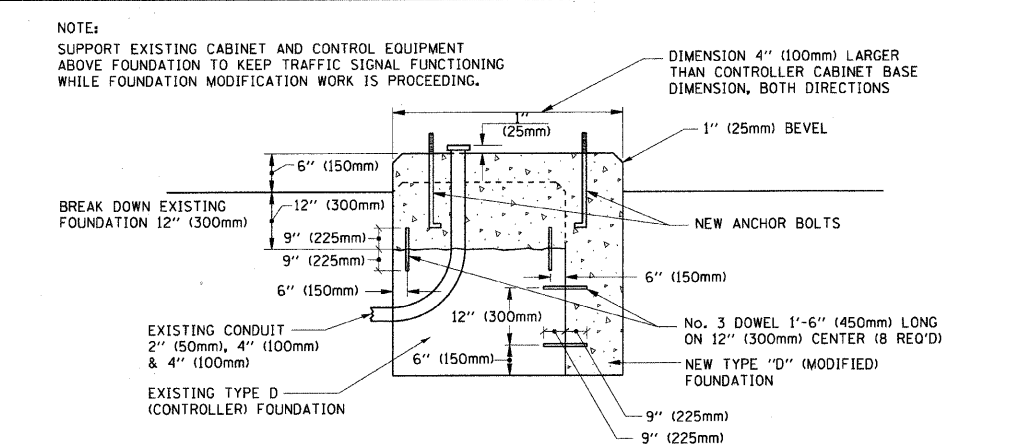
- NOTES:
- ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
 - ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
 - WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4" (19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



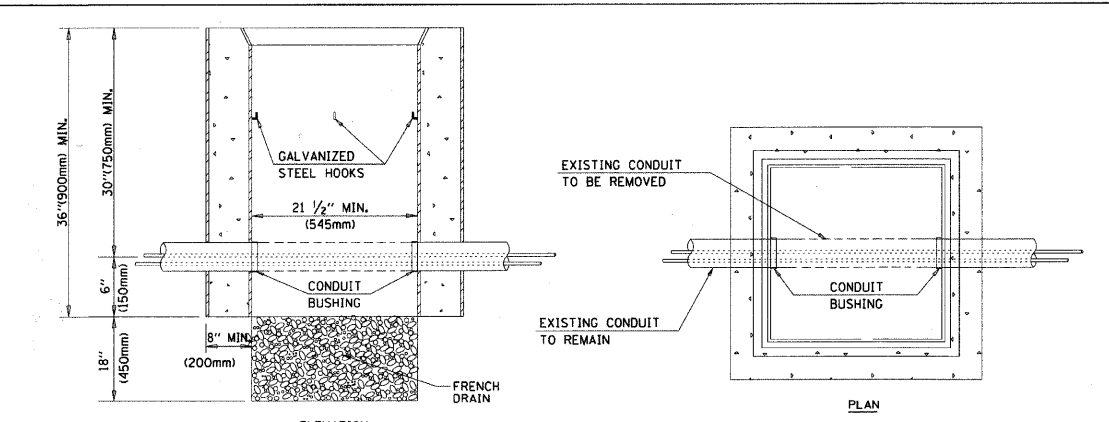
A	B	C	HEIGHT	WEIGHT
VARIES	9.5" (241mm)	19" (483mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIES	10.75" (273mm)	21.5" (546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIES	13.0" (330mm)	26" (660mm)	7" (178mm) - 12" (300mm)	81 lbs (37 kg)
VARIES	18.5" (470mm)	37" (940mm)	7" (178mm) - 12" (300mm)	126 lbs (57 kg)

SHROUD

- NOTES:
- DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
 - THE SUPPLIER SHALL VERIFIED THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
 - THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

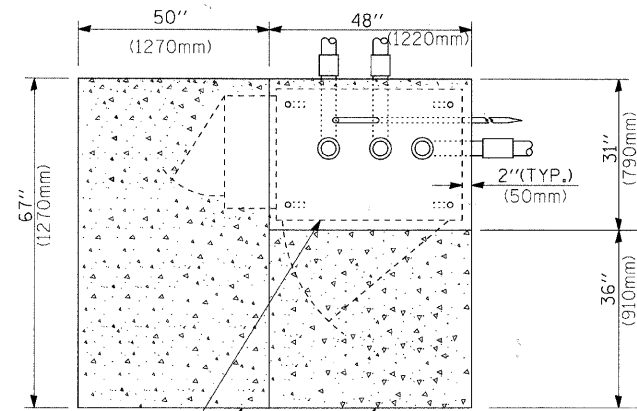


MODIFY EXISTING TYPE "D" FOUNDATION

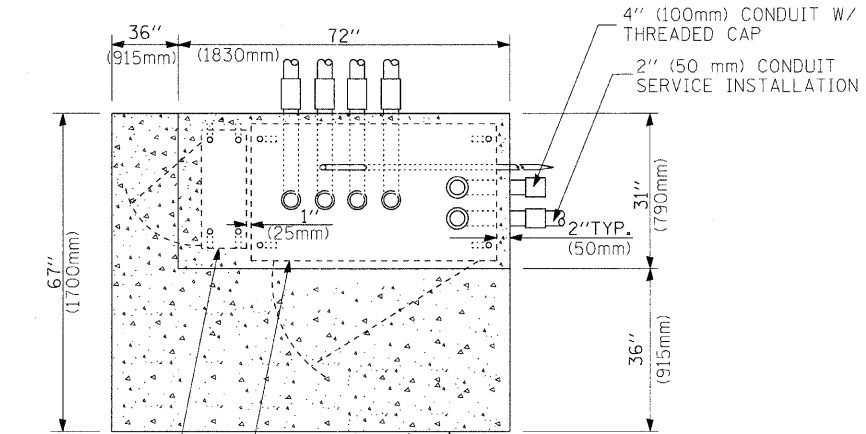


- NOTES:
- HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
 - REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCIDENTAL TO THE HANDHOLE.

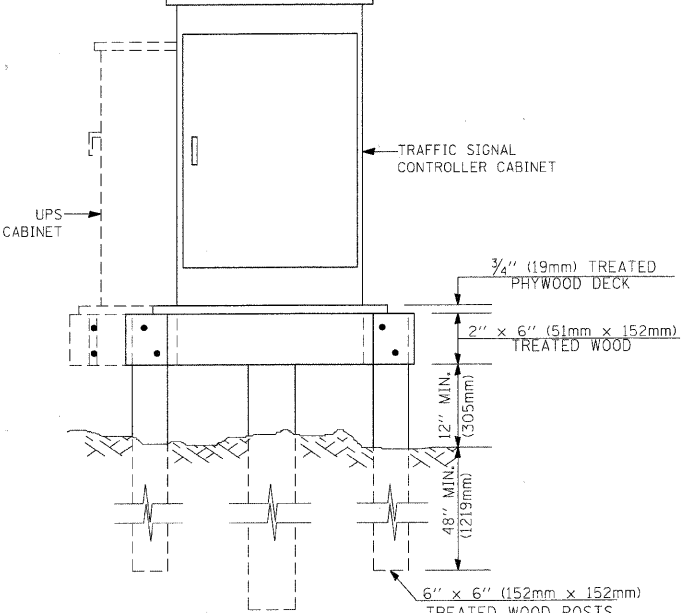
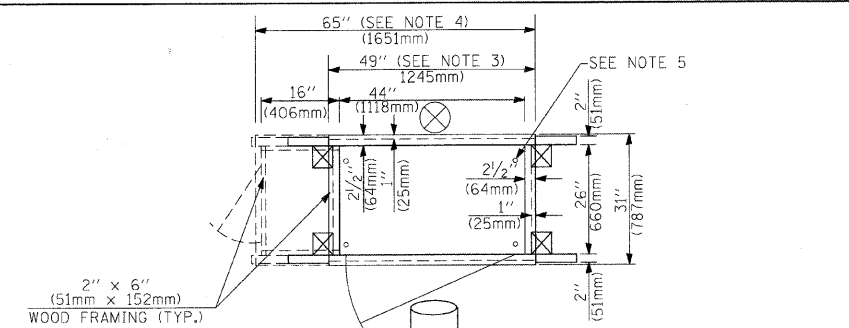
HANDHOLE TO INTERCEPT EXISTING CONDUIT



TOP VIEW



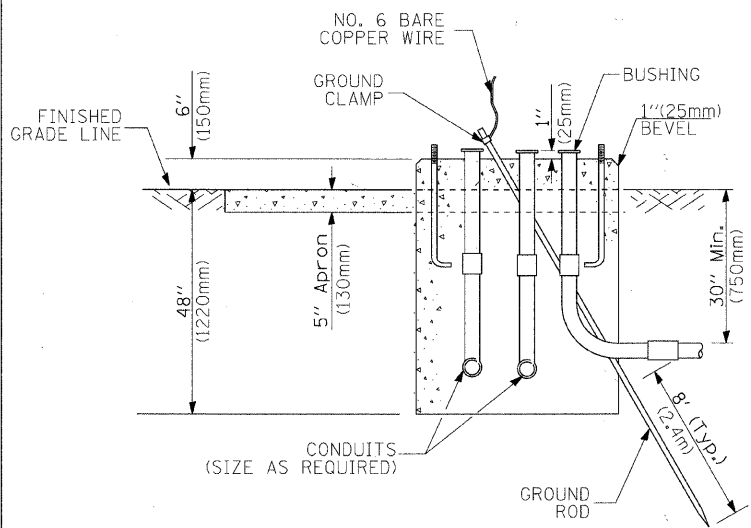
TOP VIEW



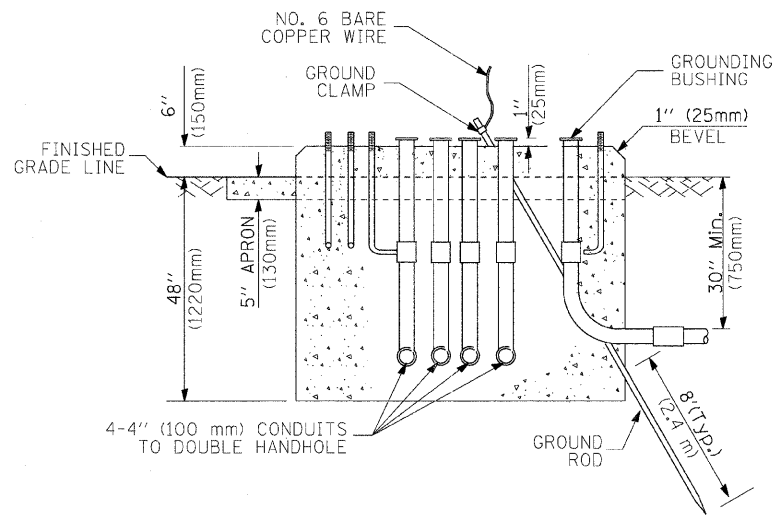
NOTES:

1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

TEMPORARY SIGNAL CONTROLLER WOOD SUPPORT PLATFORM



TYPE D FOR GROUND MOUNTED CONTROLLER CABINET AND UPS BATTERY CABINET



TYPE C FOR GROUND MOUNTED CONTROLLER CABINET AND UPS BATTERY CABINET

CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

CABLE SLACK

VERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+L
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

VERTICAL CABLE LENGTH

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ UPS	4'-0" (1.2m)
TYPE D - CONTROLLER	4'-0" (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1.2m)

DEPTH OF FOUNDATION

MAST ARM LENGTH	FOUNDATION DEPTH	FOUNDATION DIAMETER	SPIRAL DIAMETER	QUANTITY OF REBARS	SIZE OF REBARS
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and less than 65' (19.8 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

NOTES:

1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (Qu) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations.
4. For mast arm assemblies with dual arms refer to state standard 878001.

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

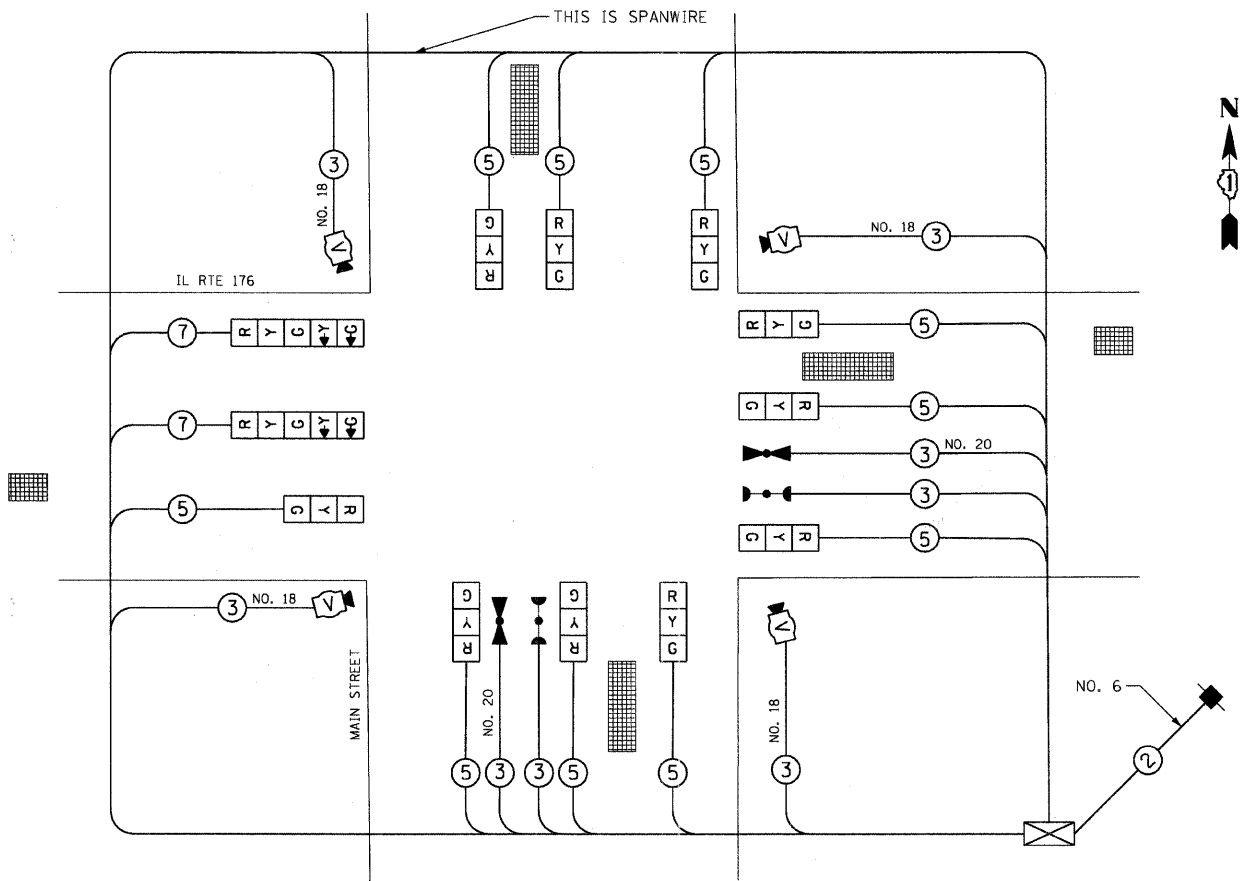
TRAFFIC SIGNAL LEGEND

ITEM	REMOVAL	EXISTING	PROPOSED	ITEM	REMOVAL	EXISTING	PROPOSED	ITEM	REMOVAL	EXISTING	PROPOSED																	
CONTROLLER CABINET				EMERGENCY VEHICLE LIGHT DETECTOR				ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1/C, UNLESS NOTED OTHERWISE																				
RAILROAD CONTROL CABINET				CONFIRMATION BEACON				COAXIAL CABLE																				
COMMUNICATIONS CABINET				HANDHOLE				VENDOR CABLE FOR CAMERA																				
MASTER CONTROLLER				HEAVY DUTY HANDHOLE				COPPER INTERCONNECT CABLE, NO. 18 3 PAIR TWISTED, SHIELDED																				
MASTER MASTER CONTROLLER				DOUBLE HANDHOLE				FIBER OPTIC CABLE NO. 62.5/125, MM12F																				
UNINTERRUPTIBLE POWER SUPPLY				JUNCTION BOX				FIBER OPTIC CABLE NO. 62.5/125, MM12F SM12F																				
SERVICE INSTALLATION, (P) POLE OR (G) GROUND MOUNT				GALVANIZED STEEL CONDUIT IN TRENCH (T) OR PUSHED (P)				FIBER OPTIC CABLE NO. 62.5/125, MM12F																				
TELEPHONE CONNECTION (P) POLE OR (G) GROUND MOUNT				TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE				FIBER OPTIC CABLE NO. 62.5/125, MM12F																				
STEEL MAST ARM ASSEMBLY AND POLE				COMMON TRENCH			CT	FIBER OPTIC CABLE NO. 62.5/125, (NUMBER OF FIBERS & TYPE TO BE NOTED ON PLANS)																				
ALUMINUM MAST ARM ASSEMBLY AND POLE				COILABLE NONMETALLIC CONDUIT (EMPTY)			CNC	GROUND ROD AT (C) CONTROLLER, (H) HANDHOLE, (P) POST, (M) MAST ARM, OR (S) SERVICE																				
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE				SYSTEM ITEM		S	S	CONTROLLER CABINET AND FOUNDATION TO BE REMOVED																				
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH PTZ CAMERA				INTERSECTION ITEM		I	IP	STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED																				
SIGNAL POST				REMOVE ITEM	R			ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVED																				
TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM				RELOCATE ITEM	RL			STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE AND FOUNDATION TO BE REMOVED																				
GUY WIRE				ABANDON ITEM	A			SIGNAL POST AND FOUNDATION TO BE REMOVED																				
SIGNAL HEAD				12" (300mm) TRAFFIC SIGNAL SECTION				INTERSECTION & SAMPLING (SYSTEM) DETECTOR																				
SIGNAL HEAD CONSTRUCTION STAGES (NUMBERS INDICATE THE CONSTRUCTION STAGE)				12" (300mm) RED WITH 8" (200mm) YELLOW AND GREEN TRAFFIC SIGNAL FACE				SAMPLING (SYSTEM) DETECTOR																				
SIGNAL HEAD WITH BACKPLATE				SIGNAL FACE				EXISTING INTERSECTION LOOP DETECTOR PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR																				
SIGNAL HEAD OPTICALLY PROGRAMMED				SIGNAL FACE WITH BACKPLATE, "P" INDICATES PROGRAMMED HEAD				EXISTING PREFORMED INTERSECTION LOOP DETECTOR PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR																				
FLASHER INSTALLATION (S DENOTES SOLAR POWER)				12" (300mm) PEDESTRIAN SIGNAL HEAD WALK/DON'T WALK SYMBOL				PREFORMED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR																				
PEDESTRIAN SIGNAL HEAD				12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, OUTLINED				PREFORMED SAMPLING (SYSTEM) DETECTOR																				
PEDESTRIAN PUSHBUTTON DETECTOR				12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, SOLID				<h2>RAILROAD SYMBOLS</h2> <table border="1"> <thead> <tr> <th></th> <th>EXISTING</th> <th>PROPOSED</th> </tr> </thead> <tbody> <tr> <td>RAILROAD CONTROL CABINET</td> <td></td> <td></td> </tr> <tr> <td>RAILROAD CANTILEVER MAST ARM</td> <td></td> <td></td> </tr> <tr> <td>FLASHING SIGNAL</td> <td></td> <td></td> </tr> <tr> <td>CROSSING GATE</td> <td></td> <td></td> </tr> <tr> <td>CROSSBUCK</td> <td></td> <td></td> </tr> </tbody> </table>				EXISTING	PROPOSED	RAILROAD CONTROL CABINET			RAILROAD CANTILEVER MAST ARM			FLASHING SIGNAL			CROSSING GATE			CROSSBUCK		
	EXISTING	PROPOSED																										
RAILROAD CONTROL CABINET																												
RAILROAD CANTILEVER MAST ARM																												
FLASHING SIGNAL																												
CROSSING GATE																												
CROSSBUCK																												
ACCESSIBLE PEDESTRIAN PUSHBUTTON DETECTOR				PEDESTRIAN SIGNAL HEAD, INTERNATIONAL SYMBOL, WITH COUNTDOWN TIMER																								
ILLUMINATED SIGN "NO LEFT TURN"				RADIO INTERCONNECT																								
ILLUMINATED SIGN "NO RIGHT TURN"				RADIO REPEATER																								
DETECTOR LOOP, TYPE I				DENOTES NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE, ALL DETECTOR LOOP CABLE TO BE SHIELDED																								
PREFORMED DETECTOR LOOP				GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)																								
MICROWAVE VEHICLE SENSOR																												
VIDEO DETECTION CAMERA																												
VIDEO DETECTION ZONE																												
PAN, TILT, ZOOM CAMERA																												
WIRELESS DETECTOR SENSOR																												
WIRELESS ACCESS POINT																												

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0085	00-00246-02-FR	MCHENRY	292	174
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT
CONTRACT NO: 63522				

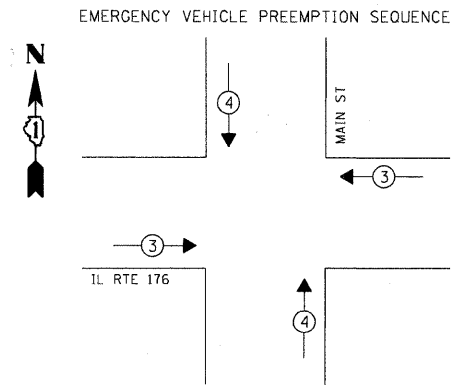
SCHEDULE OF QUANTITIES

PAY ITEM	UNIT	QUANTITY
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

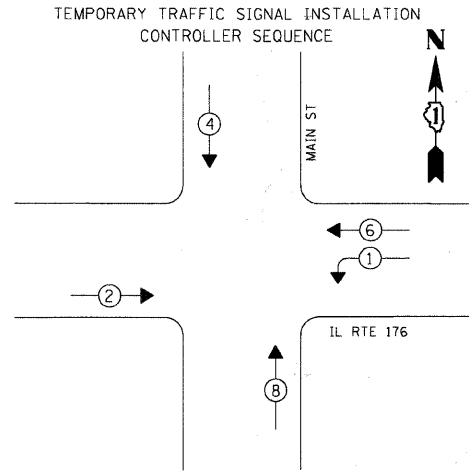


TEMPORARY SIGNAL CABLE PLAN

EMERGENCY VEHICLE PRE-EMPTION EQUIPMENT SHALL BE 3M OPTI-COM TYPE AND SHALL MATCH CRYSTAL LAKE RURAL FIRE PROTECTION DISTRICT EMERGENCY VEHICLE EQUIPMENT



EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	↑ ↓



LEGEND
 ← ⊙ → DUAL ENTRY PHASE
 ← ⊙ → PEDESTRIAN PHASE
 ⊙ OL OVERLAP
 * NUMBER REFERS TO ASSOCIATED PHASE

TEMPORARY PHASE DESIGNATION DIAGRAM

TYPE	NO. OF LAMPS X INCAND.	WATTAGE LED X % OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12 X	17 0.50	102.0
(YELLOW)	12 X	25 0.25	75.0
(GREEN)	12 X	15 0.25	45.0
ARROW	4 X	12 0.10	4.8
PED. SIGNAL	-- X	25	
CONTROLLER	1 X	100 1.00	100.0
VIDEO SYSTEM	1 X	150 1.00	150.0
	-- X		
ENERGY COSTS TO: CITY OF CRYSTAL LAKE			TOTAL =
MARK STONIKAS (815) 356-3700, EXT. 4025			476.8
100 W. WOODSTOCK STREET			
CRYSTAL LAKE, ILLINOIS 60014			

ENERGY SUPPLY: CONTACT: LISA COOK
 PHONE: 815-477-5204
 COMPANY: COM. ED.

NAME	DATE

MCHENRY COUNTY DIVISION OF TRANSPORTATION
 WALKUP ROAD F.A.U. 0085
TEMP CABLE PLAN, TEMP PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE SEQUENCE
 IL ROUTE 176 & MAIN STREET
 SCALE: N.T.S. DRAWN BY: SNB
 DATE: 06/10/11 CHECKED BY: RRM

TENG
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 88 N. MICHIGAN AVE. CHICAGO, IL 60611
 TELEPHONE: 312-487-4000

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 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63

NOTES FOR TEMPORARY TRAFFIC SIGNALS

- ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
- ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
- ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE LED AND 12" (300MM) DIAMETER. HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. PEDESTRIAN SIGNALS SHALL INCLUDE SOLID INTERNATIONAL SYMBOLS. PEDESTRIAN SIGNALS WITH COUNTDOWN TIMERS SHALL BE USED WHEN THE EXISTING INSTALLATION UTILIZES COUNTDOWN TYPE OR AS DIRECTED BY THE ENGINEER. COUNTDOWN TYPE PEDESTRIAN SIGNALS ARE NOT TO BE INSTALLED AT A RAILROAD INTERSECTION. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
- ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
- ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
- THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.
- UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL, TEMPORARY TRAFFIC SIGNALS AT RAILROAD INTERSECTIONS, AND TEMPORARY TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PRE-EMPTION, OR WHEN INDICATED ON THE PLANS.
- TRAFFIC SIGNAL MANAGEMENT SYSTEMS SHALL BE MAINTAINED IN OPERATION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. REQUIRED EQUIPMENT SHALL BE AS SHOWN ON THE PLANS AND THE CONTRACTOR SHALL PLACE THE EQUIPMENT IN OPERATION TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE TRAFFIC SIGNAL MANAGEMENT SYSTEM.

REMOVAL NOTES

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR PICK UP OF ALL EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

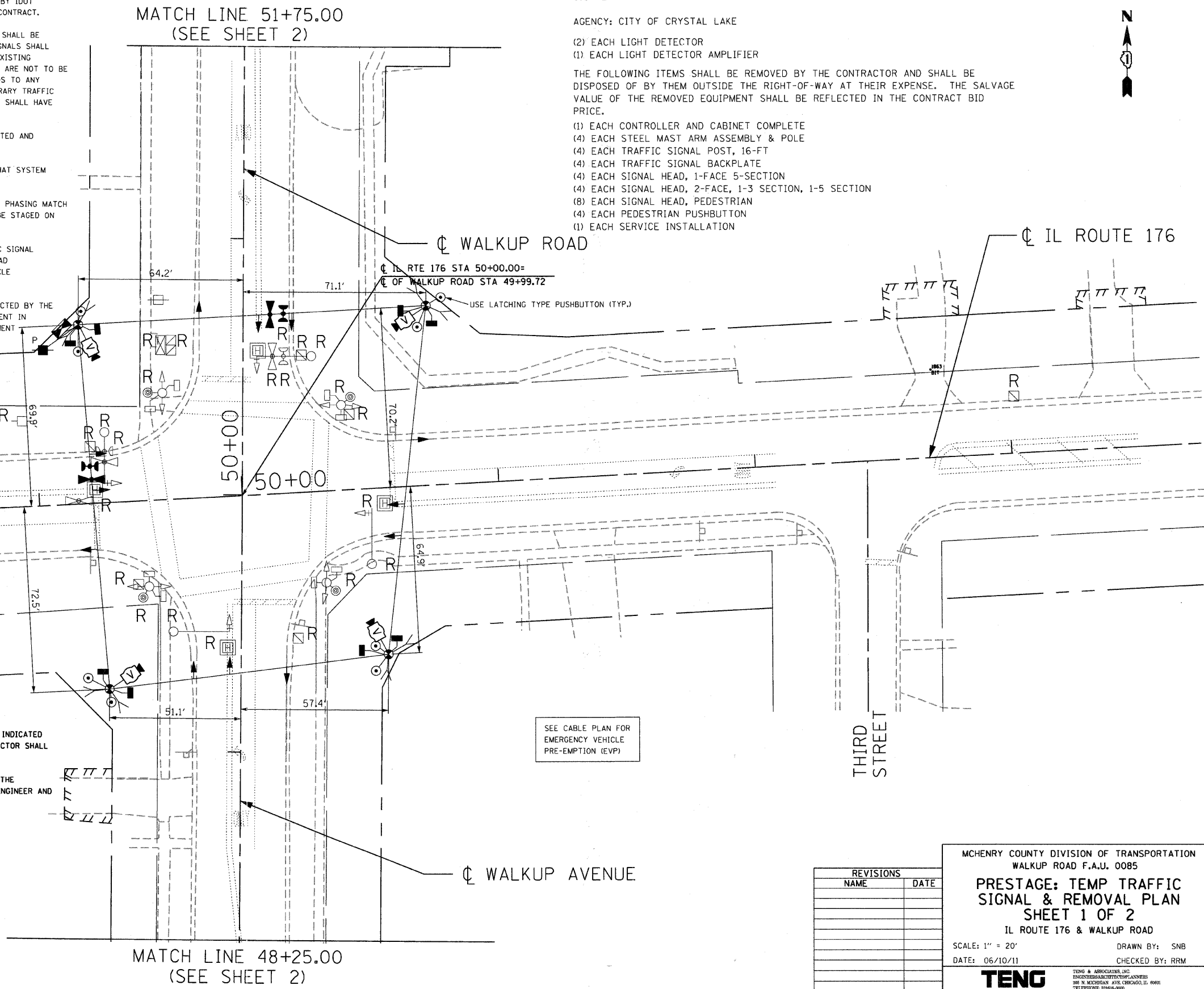
AGENCY: CITY OF CRYSTAL LAKE

- (2) EACH LIGHT DETECTOR
- (1) EACH LIGHT DETECTOR AMPLIFIER

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- (1) EACH CONTROLLER AND CABINET COMPLETE
- (4) EACH STEEL MAST ARM ASSEMBLY & POLE
- (4) EACH TRAFFIC SIGNAL POST, 16-FT
- (4) EACH TRAFFIC SIGNAL BACKPLATE
- (4) EACH SIGNAL HEAD, 1-FACE 5-SECTION
- (4) EACH SIGNAL HEAD, 2-FACE, 1-3 SECTION, 1-5 SECTION
- (8) EACH SIGNAL HEAD, PEDESTRIAN
- (4) EACH PEDESTRIAN PUSHBUTTON
- (1) EACH SERVICE INSTALLATION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0085	00-00246-02-FP	MCHENRY	292	175
STA.	TO STA.			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
CONTRACT NO: 63522				



NOTES FOR TEMPORARY TRAFFIC SIGNALS (CONTINUED)

- DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS. THE DETECTION SYSTEM MUST MEET THE SPECIFICATIONS OF DISTRICT 1 AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.
- WHEN PAN, TILT, ZOOM CAMERAS ARE INSTALLED AT THE EXISTING INTERSECTION OR ARE CALLED FOR IN THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING THE CAMERAS TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE CAMERAS.

RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

REVISIONS	
NAME	DATE

MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085

PRESTAGE: TEMP TRAFFIC SIGNAL & REMOVAL PLAN
SHEET 1 OF 2

IL ROUTE 176 & WALKUP ROAD

SCALE: 1" = 20'
DATE: 06/10/11

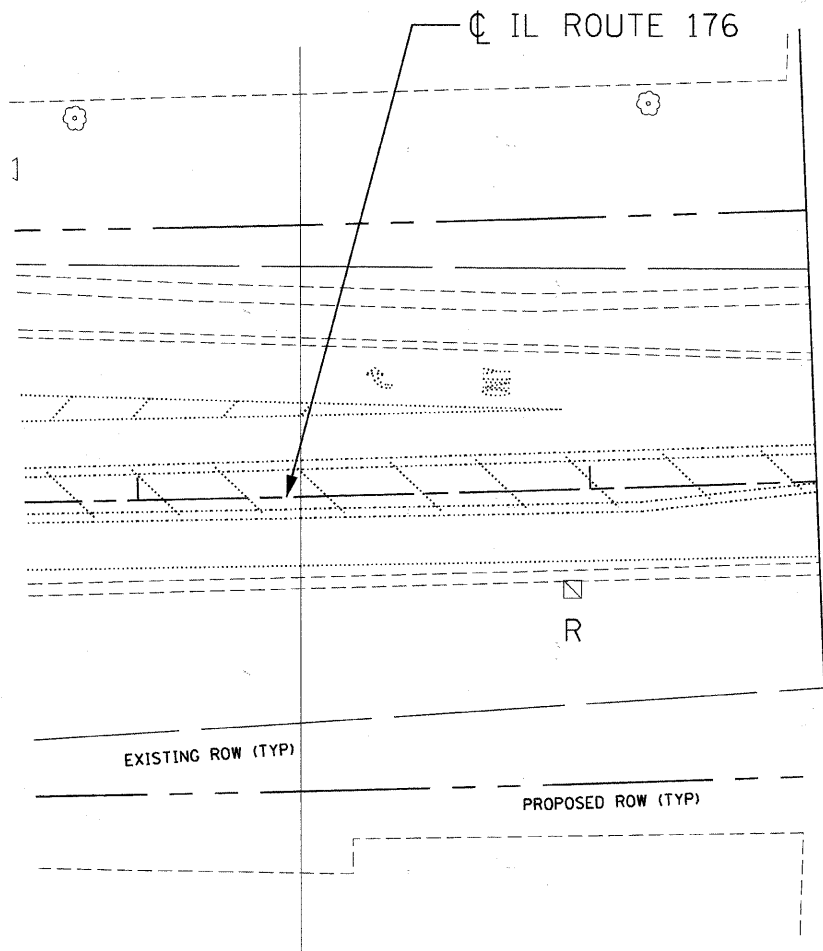
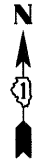
DRAWN BY: SNB
CHECKED BY: RRM

TENG
TENG & ASSOCIATES, INC.
ENGINEERING ARCHITECTURE PLANNING
396 N. MICHIGAN AVE. CHICAGO, IL 60610
TELEPHONE: 312-666-8000

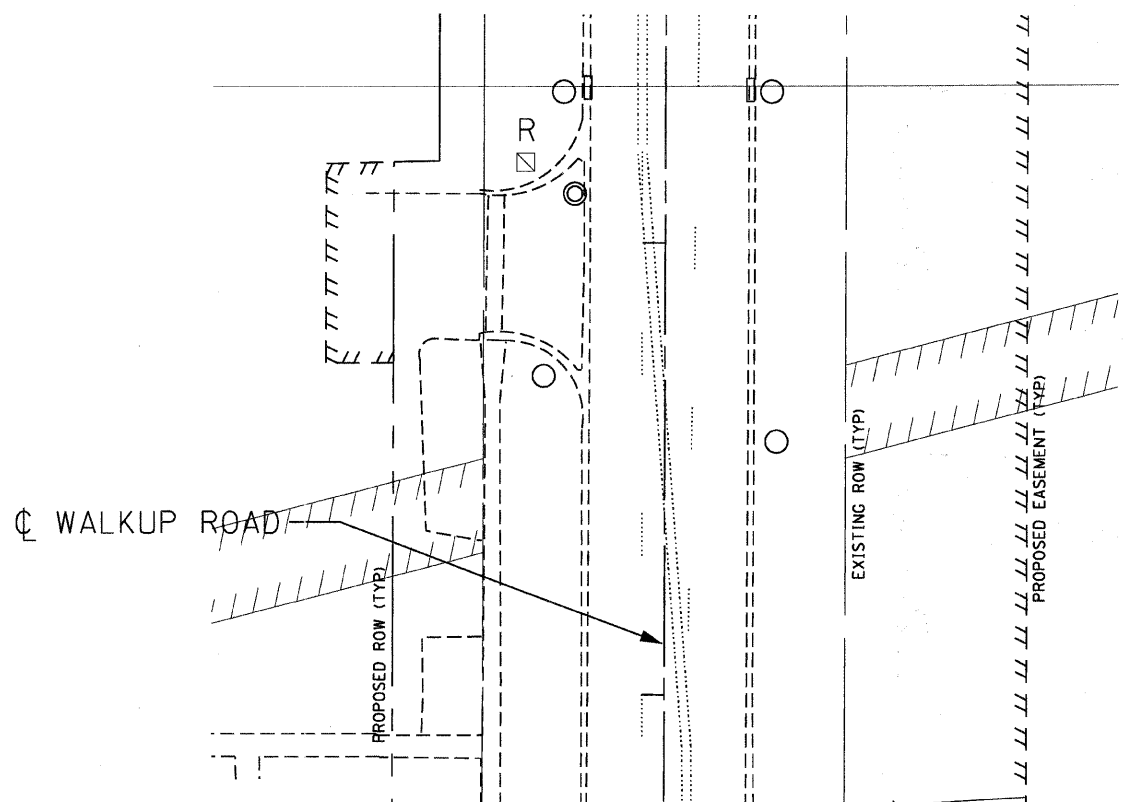
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 P 2 3 4 5 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63

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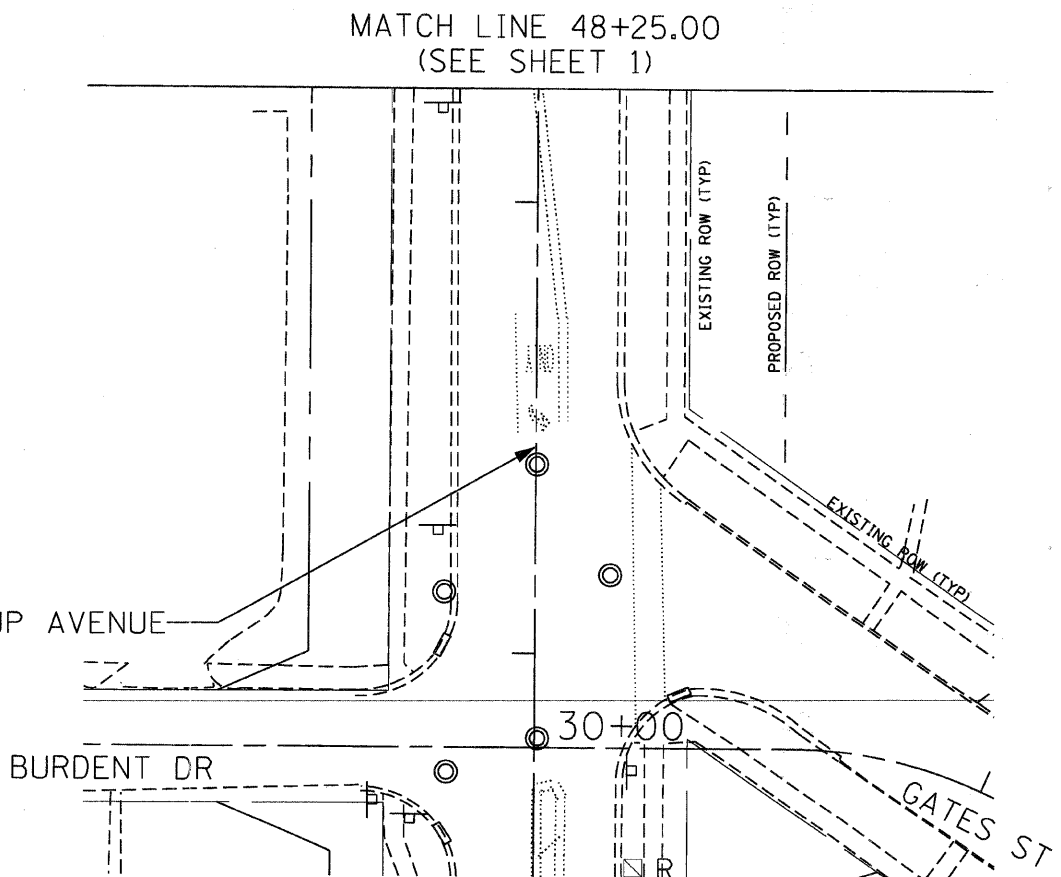
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0085	00-00246-02-FF	MCHENRY	292	176
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT
CONTRACT NO: 63522				



MATCH LINE 47+50.00
(SEE SHEET 1)



MATCH LINE 51+75.00
(SEE SHEET 1)



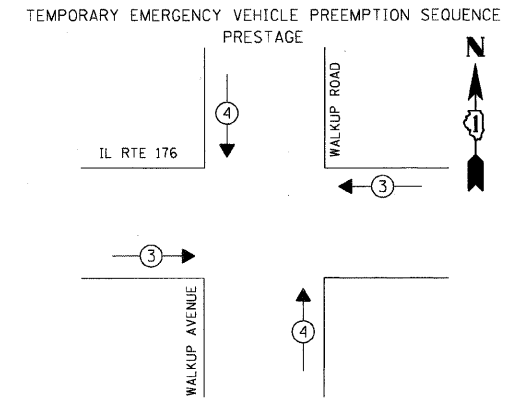
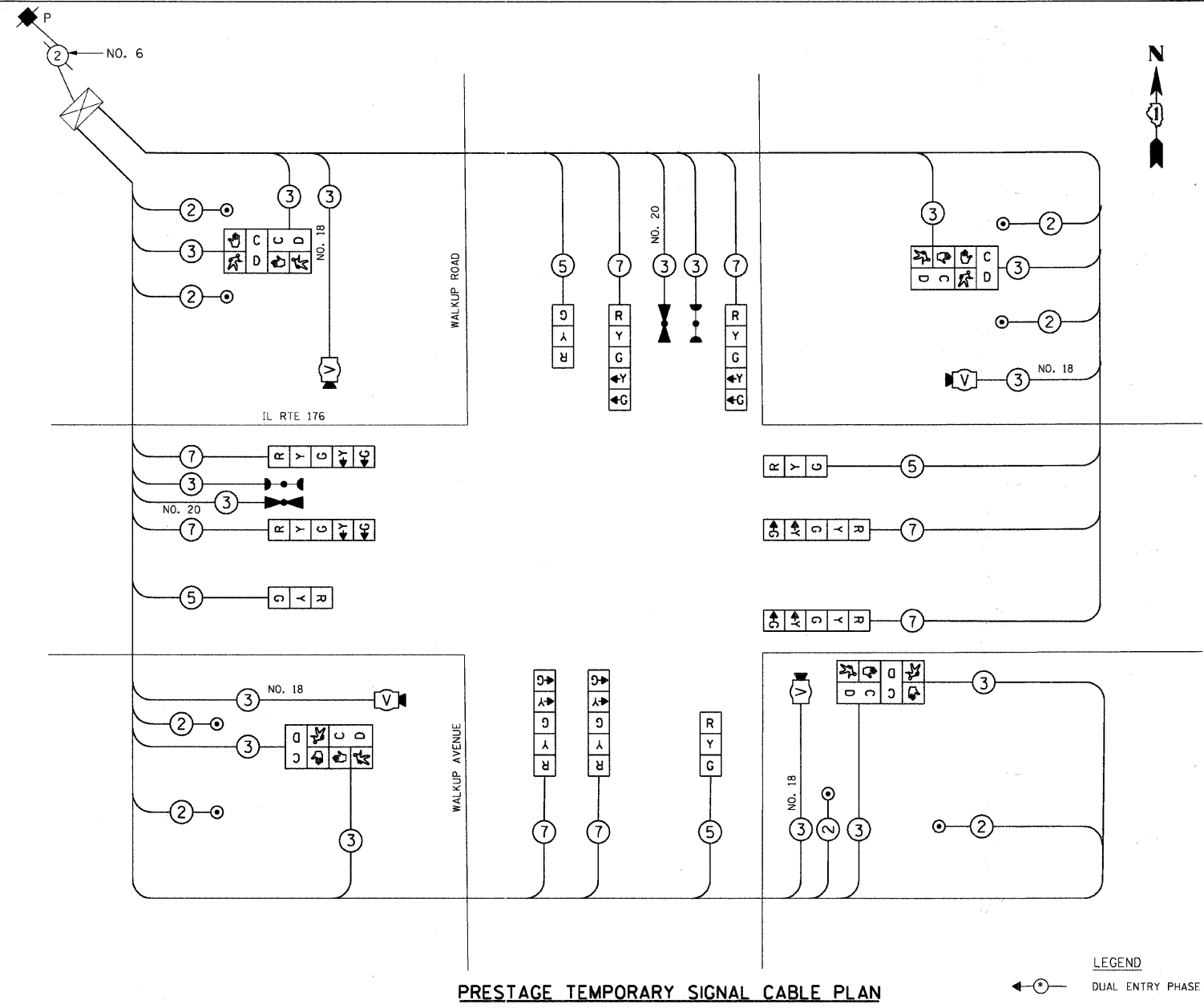
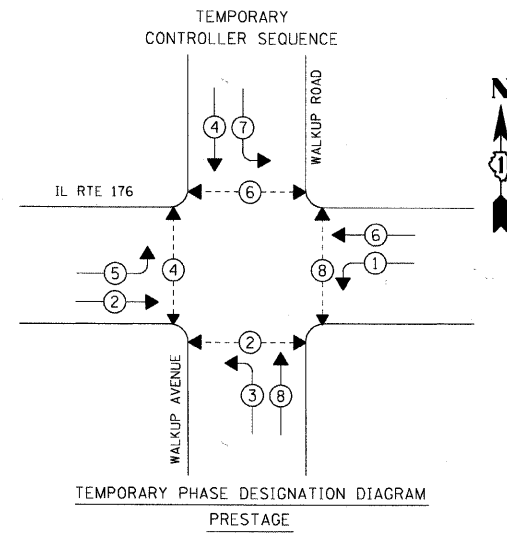
MATCH LINE 48+25.00
(SEE SHEET 1)

REVISIONS	
NAME	DATE

MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085
**PRESTAGE: TEMP TRAFFIC
SIGNAL & REMOVAL PLAN**
SHEET 2 OF 2
IL ROUTE 176 & WALKUP ROAD

SCALE: 1" = 20' DRAWN BY: SNB
DATE: 06/10/11 CHECKED BY: RRM

TENG TENG & ASSOCIATES, INC.
ENGINEERS AND ARCHITECTS
281 N. MICHIGAN AVE. CHICAGO, IL 60611
TELEPHONE: 312.467.6000

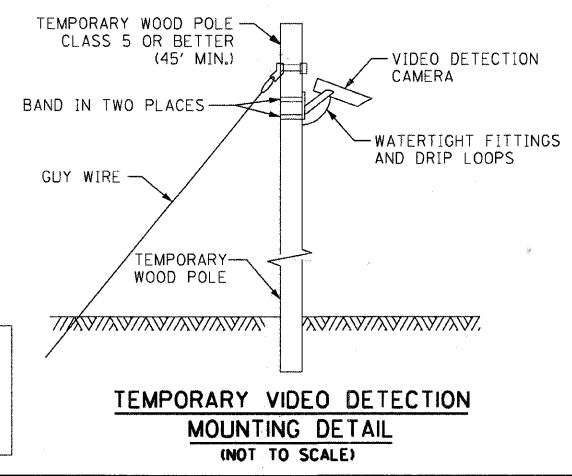


PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	↑ ↓

EMERGENCY VEHICLE PRE-EMPTION EQUIPMENT SHALL BE 3M OPTI-COM TYPE AND SHALL MATCH CRYSTAL LAKE RURAL FIRE PROTECTION DISTRICT EMERGENCY VEHICLE EQUIPMENT

PRESTAGE TEMPORARY SIGNAL CABLE PLAN

- LEGEND
- ◀ ○ ▶ DUAL ENTRY PHASE
 - ◀ ○ ▶ PEDESTRIAN PHASE
 - ◀ ○ ▶ OVERLAP
 - * NUMBER REFERS TO ASSOCIATED PHASE



TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	X INCAND.	WATTAGE LED X % OPERATION		
SIGNAL (RED)	12	X	17	0.50	102.0
(YELLOW)	12	X	25	0.25	75.00
(GREEN)	12	X	15	0.25	45.00
ARROW	16	X	12	0.10	19.20
PED. SIGNAL	8	X	25	1.00	200.0
CONTROLLER	1	X	100	1.00	100.0
ILLUM. SIGN	--	X		0.05	
VIDEO SYSTEM			150	1.00	150.0
ENERGY COSTS TO: CITY OF CRYSTAL LAKE					TOTAL =
MARK STONIKAS (815) 356-3700, EXT. 4025					691.2
100 W. WOODSTOCK STREET					
CRYSTAL LAKE, ILLINOIS 60014					
ENERGY SUPPLY: CONTACT: LISA COOK					
PHONE: 815-477-5204					
COMPANY: COM. ED.					

RESTORATION OF WORK AREA, RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

REVISIONS	
NAME	DATE

MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085

PRESTAGE: TEMP CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE SEQUENCE
IL ROUTE 176 & WALKUP ROAD

SCALE: N.T.S. DRAWN BY: SNB
DATE: 06/10/11 CHECKED BY: RRM

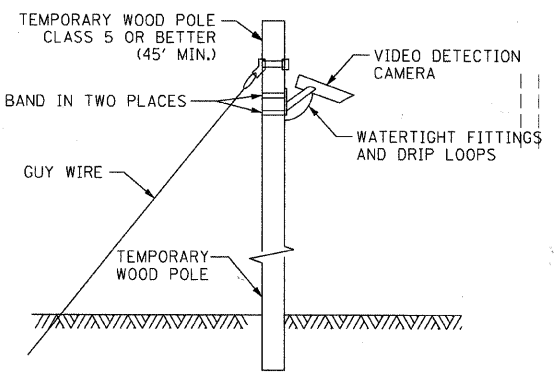
TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
305 N. MICHIGAN AVE. CHICAGO, IL 60611
TELEPHONE: 312-642-4000

I:\S\004\MAIN\VAULT.D-TRANS_07\2023\300-03\CIVIL\CAD\02 CONTRACT\VA_TENG\SHEET\TPO24006.SHT
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 11/2/15 10:15:16 AM 11/2/2023 22:23:24 25:26:27 28:29:30 31:32:33 34:35:36 37:38:39 40:41:42:43:44:45:46:47:48:49:50:51:52:53:54:55:56:57:58:59:60:61:62:63

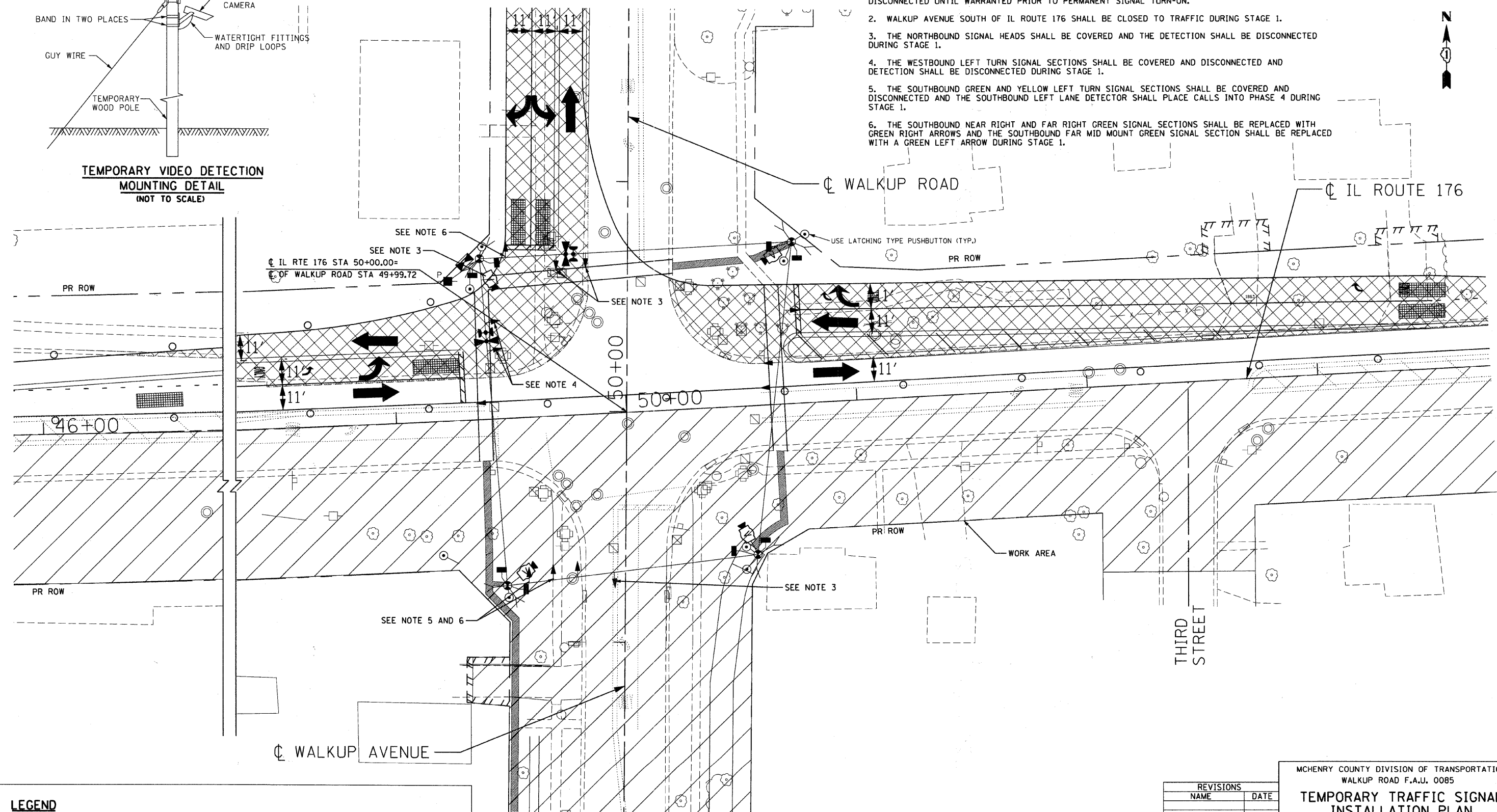
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0085	00-00246-02-FP	MCHENRY	292	178
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
CONTRACT NO.:	63522			

NOTES:

1. ALL PEDESTRIAN SIGNAL HEADS SHALL BE BAGGED AND DISCONNECTED AT LOCATIONS WHERE EXISTING PAVEMENT IS REMOVED. ALL PEDESTRIAN SIGNAL HEADS SHALL REMAIN BAGGED UNTIL THE PAVEMENT IS RESTORED TO PROVIDE A SAFE CROSSING AREA. USAGE OF PEDESTRIAN SIGNAL HEADS IS BASED ON CONSTRUCTION STAGING AND SHALL BE DETERMINED BY THE RESIDENT ENGINEER. IF SIDEWALKS AND PED CROSSINGS ARE NOT PROVIDED, THE PEDESTRIAN SIGNAL EQUIPMENT SHALL REMAIN DISCONNECTED UNTIL WARRANTED PRIOR TO PERMANENT SIGNAL TURN-ON.
2. WALKUP AVENUE SOUTH OF IL ROUTE 176 SHALL BE CLOSED TO TRAFFIC DURING STAGE 1.
3. THE NORTHBOUND SIGNAL HEADS SHALL BE COVERED AND THE DETECTION SHALL BE DISCONNECTED DURING STAGE 1.
4. THE WESTBOUND LEFT TURN SIGNAL SECTIONS SHALL BE COVERED AND DISCONNECTED AND DETECTION SHALL BE DISCONNECTED DURING STAGE 1.
5. THE SOUTHBOUND GREEN AND YELLOW LEFT TURN SIGNAL SECTIONS SHALL BE COVERED AND DISCONNECTED AND THE SOUTHBOUND LEFT LANE DETECTOR SHALL PLACE CALLS INTO PHASE 4 DURING STAGE 1.
6. THE SOUTHBOUND NEAR RIGHT AND FAR RIGHT GREEN SIGNAL SECTIONS SHALL BE REPLACED WITH GREEN RIGHT ARROWS AND THE SOUTHBOUND FAR MID MOUNT GREEN SIGNAL SECTION SHALL BE REPLACED WITH A GREEN LEFT ARROW DURING STAGE 1.



TEMPORARY VIDEO DETECTION MOUNTING DETAIL
(NOT TO SCALE)



LEGEND

- TEMPORARY SIDEWALK (3' WIDTH)
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT FROM PREVIOUS STAGE
- PREVIOUS TRAFFIC PATTERN
- PR TRAFFIC PATTERN

REVISIONS	
NAME	DATE

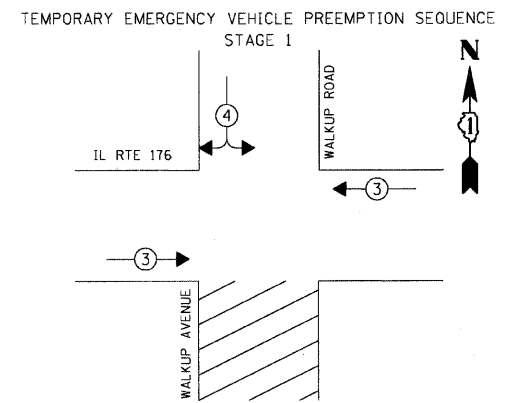
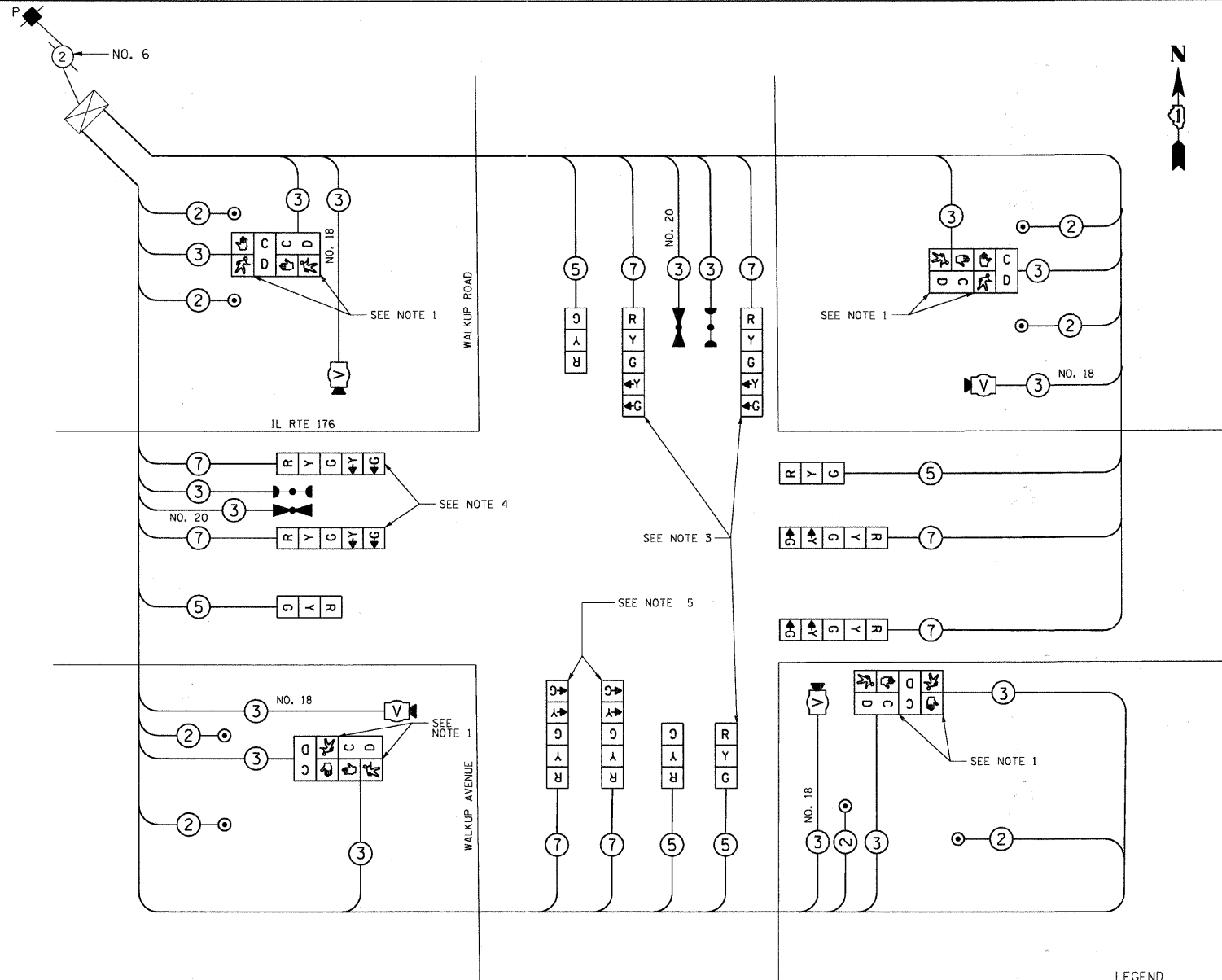
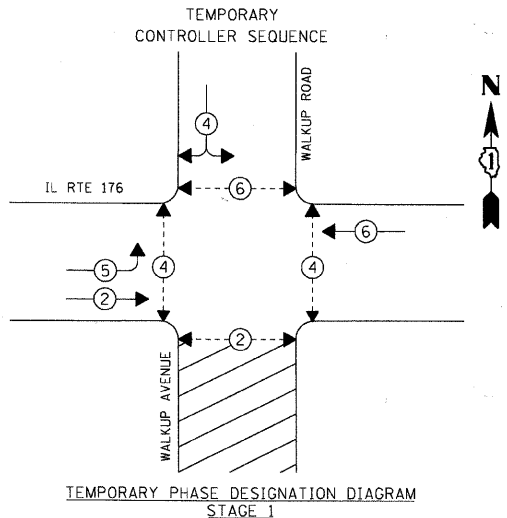
MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN
STAGE 1
IL ROUTE 176 & WALKUP ROAD

SCALE: 1" = 20'
DATE: 06/10/11

DRAWN BY: SNB
CHECKED BY: RRM

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
800 N. MICHIGAN AVE. CHICAGO, IL 60611
TELEPHONE: 312-660-0000

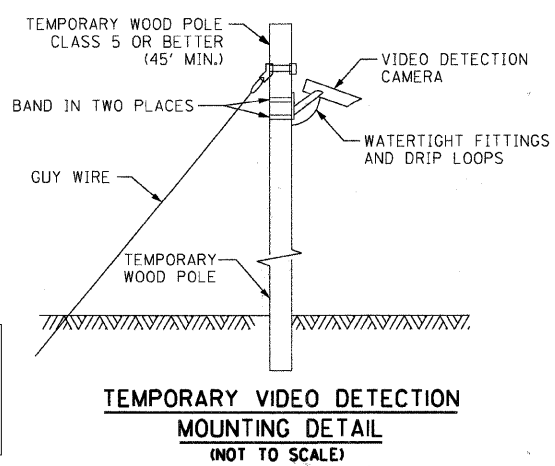
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EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	←	↓

- LEGEND**
- ←○→ DUAL ENTRY PHASE
 - ←○→ PEDESTRIAN PHASE
 - ◇ OL OVERLAP
 - NUMBER REFERS TO ASSOCIATED PHASE

- NOTES:**
1. ALL PEDESTRIAN SIGNAL HEADS SHALL BE BAGGED AND DISCONNECTED AT LOCATIONS WHERE EXISTING PAVEMENT IS REMOVED. ALL PEDESTRIAN SIGNAL HEADS SHALL REMAIN BAGGED UNTIL THE PAVEMENT IS RESTORED TO PROVIDE A SAFE CROSSING AREA. USAGE OF PEDESTRIAN SIGNAL HEADS IS BASED ON CONSTRUCTION STAGING AND SHALL BE DETERMINED BY THE RESIDENT ENGINEER. IF SIDEWALKS AND PED CROSSINGS ARE NOT PROVIDED, THE PEDESTRIAN SIGNAL EQUIPMENT SHALL REMAIN DISCONNECTED UNTIL WARRANTED PRIOR TO PERMANENT SIGNAL TURN-ON.
 2. WALKUP AVENUE SOUTH OF IL ROUTE 176 SHALL BE CLOSED TO TRAFFIC DURING STAGE 1.
 3. THE NORTHBOUND SIGNAL HEADS SHALL BE COVERED AND THE DETECTION SHALL BE DISCONNECTED DURING STAGE 1.
 4. THE WESTBOUND LEFT TURN SIGNAL SECTIONS SHALL BE COVERED AND DISCONNECTED AND DETECTION SHALL BE DISCONNECTED DURING STAGE 1.
 5. THE SOUTHBOUND GREEN AND YELLOW LEFT TURN SIGNAL SECTIONS SHALL BE COVERED AND DISCONNECTED AND THE SOUTHBOUND LEFT LANE DETECTOR SHALL PLACE CALLS INTO PHASE 4 DURING STAGE 1.



TYPE	NO. OF LAMPS X INCAND.	WATTAGE	LED X % OPERATION	TOTAL WATTAGE	
SIGNAL (RED)	13	X	17	0.50	110.50
(YELLOW)	13	X	25	0.25	81.25
(GREEN)	13	X	15	0.25	48.75
ARROW	8	X	12	0.10	9.60
PED. SIGNAL	8	X	25	1.00	200.0
CONTROLLER	1	X	100	1.00	100.0
ILLUM. SIGN	--	X		0.05	
VIDEO SYSTEM		150		1.00	150.0
ENERGY COSTS TO: CITY OF CRYSTAL LAKE				TOTAL =	700.1
MARK STONIKAS (815) 356-3700, EXT. 4025					
100 W. WOODSTOCK STREET					
CRYSTAL LAKE, ILLINOIS 60014					
ENERGY SUPPLY: CONTACT: LISA COOK					
PHONE: 815-477-5204					
COMPANY: COM. ED.					

RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

NAME	DATE

MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085

STAGE 1: TEMP CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE SEQUENCE
IL ROUTE 176 & WALKUP ROAD

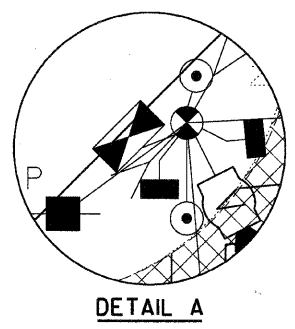
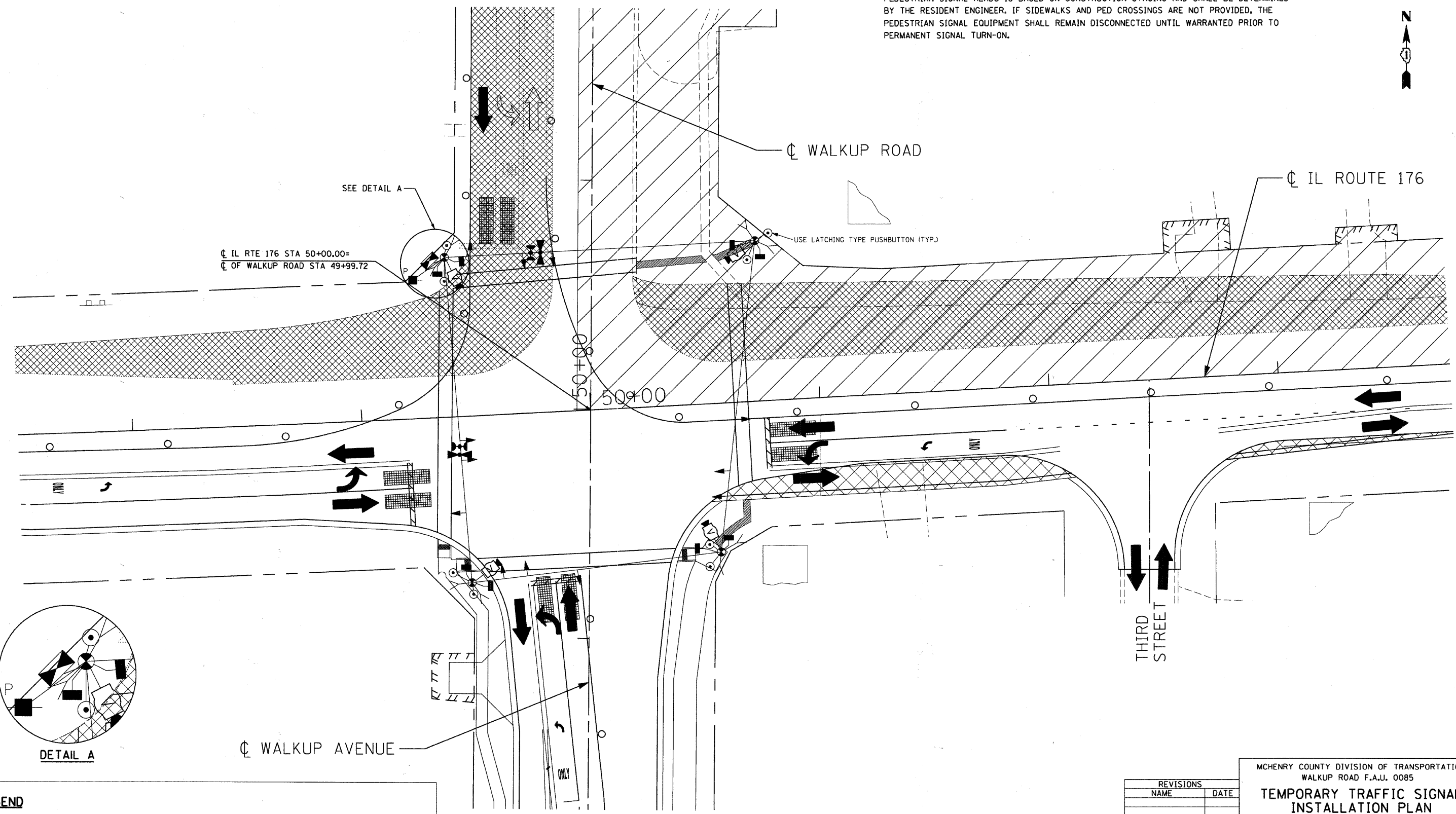
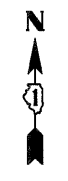
SCALE: N.T.S. DRAWN BY: SNB
DATE: 06/10/11 CHECKED BY: RRM

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
200 N. MICHIGAN AVE. CHICAGO, IL 60611
TELEPHONE: 312.644.6600

\S\0944\WALKUP\T.D. TRANS. 01\2202\3000-03\CIVIL\CAD\02 CONTRACT\TIA TEMP\SHEET\TPO2\A01\SHIT STANKIRJ
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0085	00-00246-02-FP	MCHENRY	292	180
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
		CONTRACT NO:	63522	

NOTES:
 1. ALL PEDESTRIAN SIGNAL HEADS SHALL BE BAGGED AND DISCONNECTED AT LOCATIONS WHERE EXISTING PAVEMENT IS REMOVED. ALL PEDESTRIAN SIGNAL HEADS SHALL REMAIN BAGGED UNTIL THE PAVEMENT IS RESTORED TO PROVIDE A SAFE CROSSING AREA. USAGE OF PEDESTRIAN SIGNAL HEADS IS BASED ON CONSTRUCTION STAGING AND SHALL BE DETERMINED BY THE RESIDENT ENGINEER. IF SIDEWALKS AND PED CROSSINGS ARE NOT PROVIDED, THE PEDESTRIAN SIGNAL EQUIPMENT SHALL REMAIN DISCONNECTED UNTIL WARRANTED PRIOR TO PERMANENT SIGNAL TURN-ON.



LEGEND

	TEMPORARY SIDEWALK (3' WIDTH)		PREVIOUS TRAFFIC PATTERN
	TEMPORARY PAVEMENT		PR TRAFFIC PATTERN
	TEMPORARY PAVEMENT FROM PREVIOUS STAGE		

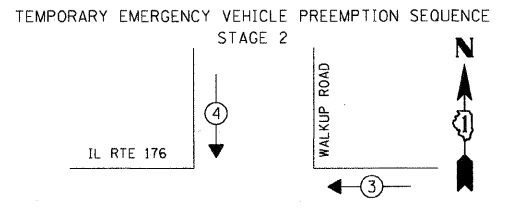
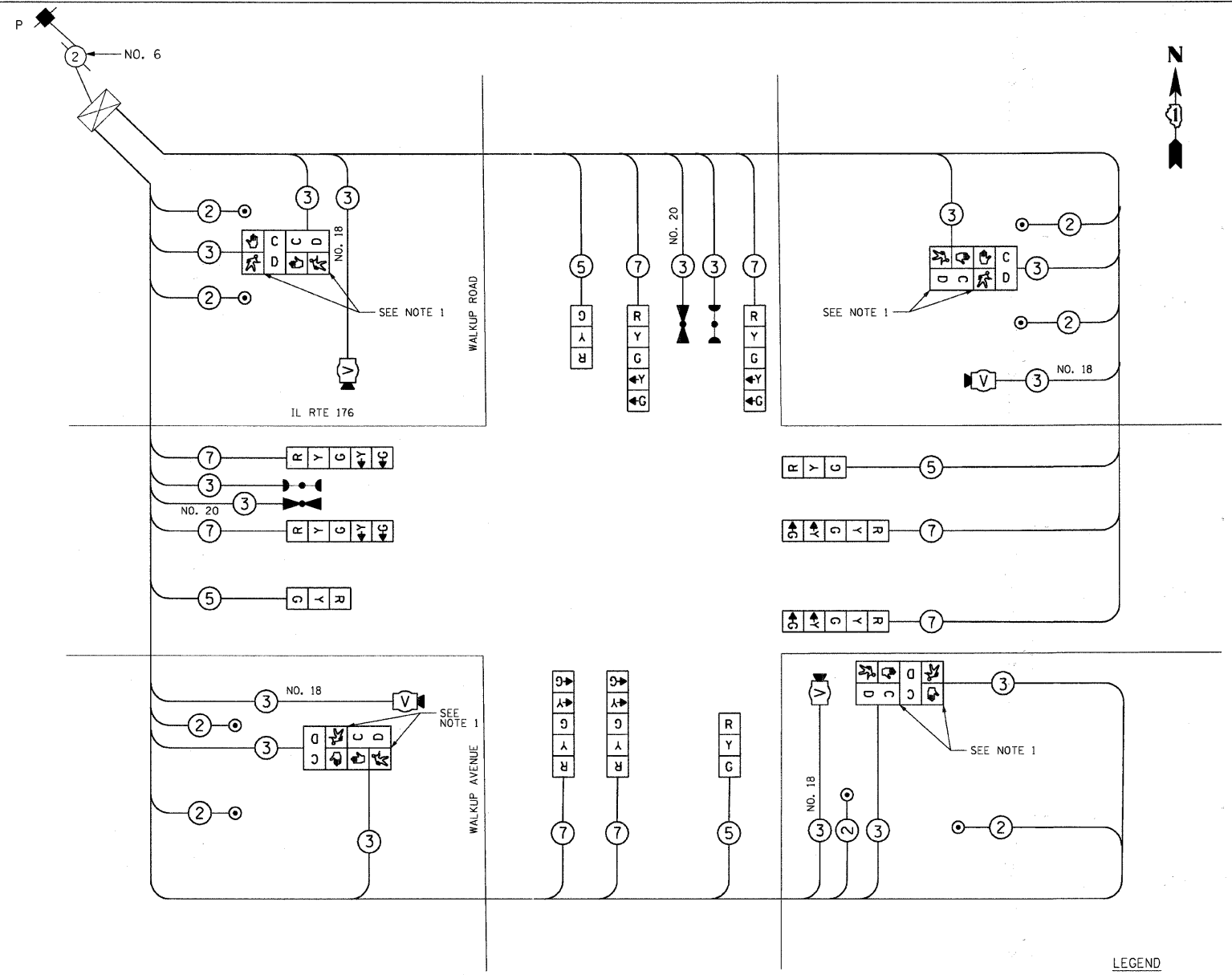
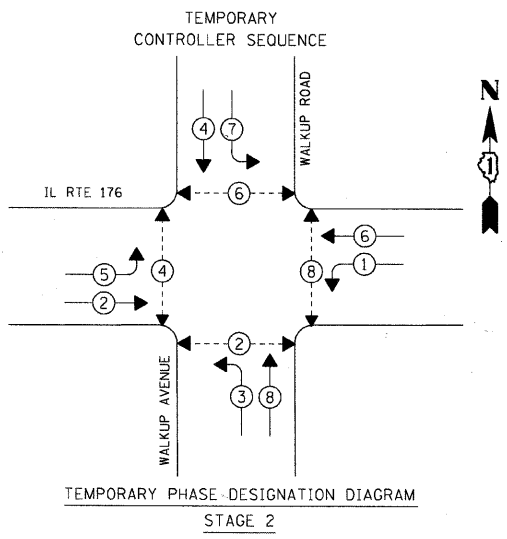
REVISIONS	
NAME	DATE

MCHENRY COUNTY DIVISION OF TRANSPORTATION
 WALKUP ROAD F.A.U. 0085
**TEMPORARY TRAFFIC SIGNAL
 INSTALLATION PLAN
 STAGE 2**
 IL ROUTE 176 & WALKUP ROAD

SCALE: 1" = 20'
 DATE: 06/10/11
 DRAWN BY: SNB
 CHECKED BY: RRM

TENG
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 995 N. MICHIGAN AVE. CHICAGO, IL 60606
 TELEPHONE: 312.664.8000

\\AL02A002.DGN, \\TPO2A002.DGN, \\M102A002.DGN, \\AL02A002.DGN, \\SB99A001.DGN, \\AL02A002.DGN, \\M102A002.DGN, \\RWD2A002.DGN, \\TPO2A002.DGN
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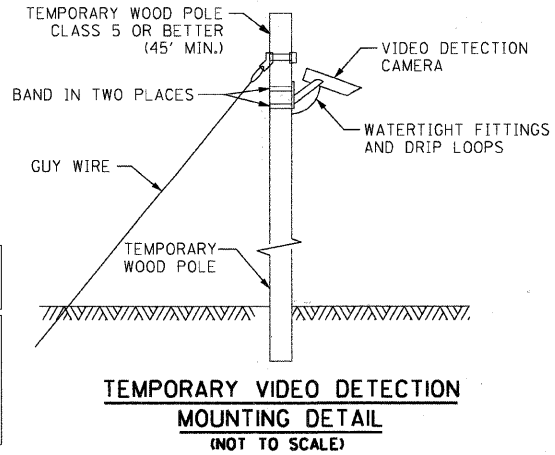
PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	↑ ↓

STAGE 2 TEMPORARY SIGNAL CABLE PLAN

- LEGEND
- ◀ ○ ▶ DUAL ENTRY PHASE
 - ◀ ○ ▶ PEDESTRIAN PHASE
 - ◀ ○ ▶ OVERLAP
 - * NUMBER REFERS TO ASSOCIATED PHASE

NOTES:

1. ALL PEDESTRIAN SIGNAL HEADS SHALL BE BAGGED AND DISCONNECTED AT LOCATIONS WHERE EXISTING PAVEMENT IS REMOVED. ALL PEDESTRIAN SIGNAL HEADS SHALL REMAIN BAGGED UNTIL THE PAVEMENT IS RESTORED TO PROVIDE A SAFE CROSSING AREA. USAGE OF PEDESTRIAN SIGNAL HEADS IS BASED ON CONSTRUCTION STAGING AND SHALL BE DETERMINED BY THE RESIDENT ENGINEER. IF SIDEWALKS AND PED CROSSINGS ARE NOT PROVIDED, THE PEDESTRIAN SIGNAL EQUIPMENT SHALL REMAIN DISCONNECTED UNTIL WARRANTED PRIOR TO PERMANENT SIGNAL TURN-ON.



TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS X INCAND.	WATTAGE	LED X % OPERATION		
SIGNAL (RED)	12	X	17	0.50	102.0
(YELLOW)	12	X	25	0.25	75.0
(GREEN)	12	X	15	0.25	45.0
ARROW	16	X	12	0.10	19.20
PED. SIGNAL	8	X	25	1.00	200.0
CONTROLLER	1	X	100	1.00	100.0
ILLUM. SIGN	--	X		0.05	
VIDEO SYSTEM		150		1.00	150.0
ENERGY COSTS TO: CITY OF CRYSTAL LAKE				TOTAL =	691.2
MARK STONIKAS (815) 356-3700, EXT. 4025					
100 W. WOODSTOCK STREET					
CRYSTAL LAKE, ILLINOIS 60014					
ENERGY SUPPLY: CONTACT: LISA COOK					
PHONE: 815-477-5204					
COMPANY: COM. ED.					

NOTE: THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

REVISIONS	
NAME	DATE

MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085

STAGE 2: TEMP CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE SEQUENCE
IL ROUTE 176 & WALKUP ROAD

SCALE: N.T.S. DRAWN BY: SNB
DATE: 06/10/11 CHECKED BY: RRM

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
305 N. MICHIGAN AVE. CHICAGO, IL 60611
TELEPHONE: 312.644.8000

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

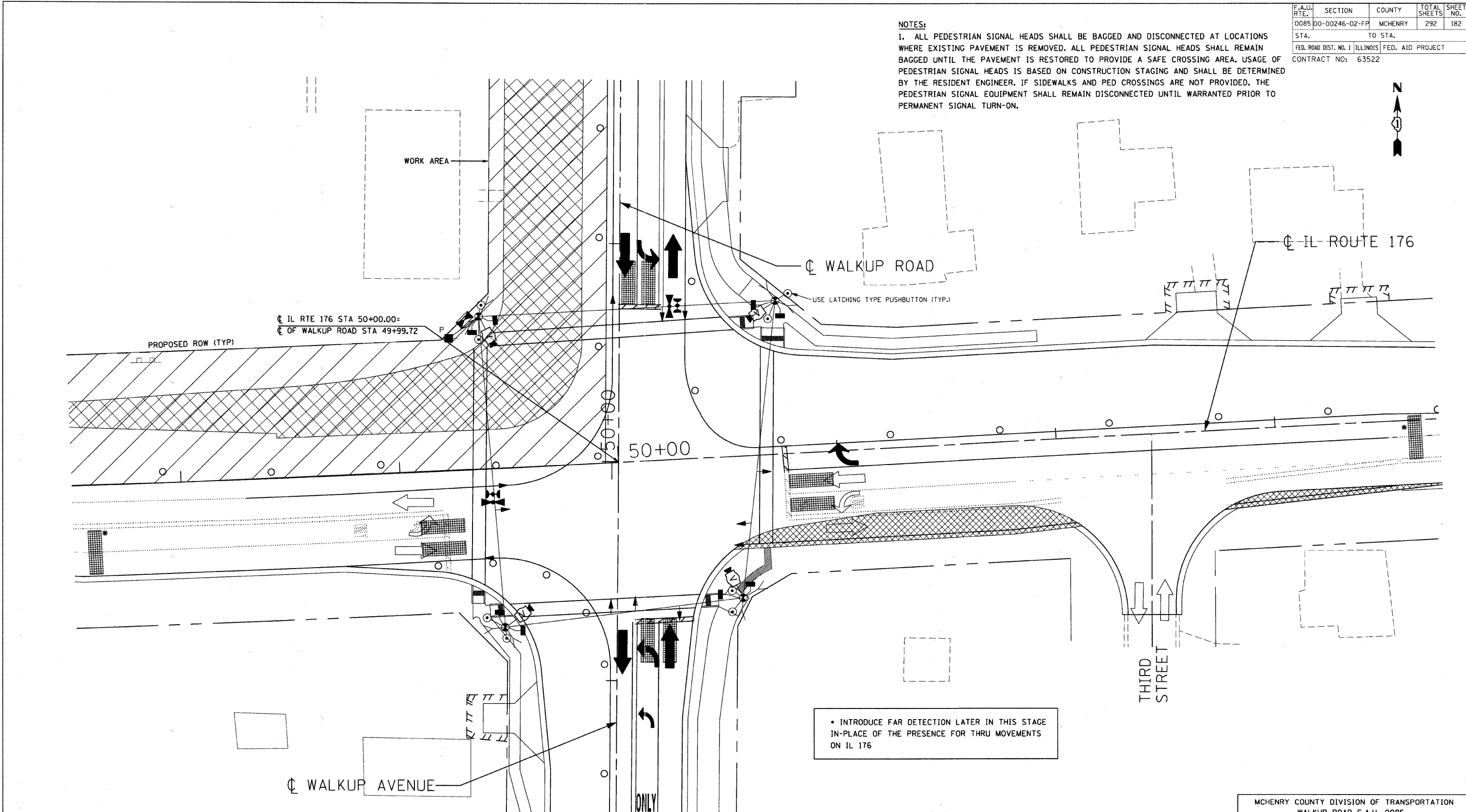
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|----------------|---------|--------------|-----------|
| 0085 | DO-00246-02-FP | MCHENRY | 292 | 182 |

| STA. | TO STA. |
|--------------------------------|------------------|
| FED. ROAD DIST. NO. 1 ILLINOIS | FED. AID PROJECT |

CONTRACT NO: 63522

NOTES:

1. ALL PEDESTRIAN SIGNAL HEADS SHALL BE BAGGED AND DISCONNECTED AT LOCATIONS WHERE EXISTING PAVEMENT IS REMOVED. ALL PEDESTRIAN SIGNAL HEADS SHALL REMAIN BAGGED UNTIL THE PAVEMENT IS RESTORED TO PROVIDE A SAFE CROSSING AREA. USAGE OF PEDESTRIAN SIGNAL HEADS IS BASED ON CONSTRUCTION STAGING AND SHALL BE DETERMINED BY THE RESIDENT ENGINEER. IF SIDEWALKS AND PED CROSSINGS ARE NOT PROVIDED, THE PEDESTRIAN SIGNAL EQUIPMENT SHALL REMAIN DISCONNECTED UNTIL WARRANTED PRIOR TO PERMANENT SIGNAL TURN-ON.



C:\AL02\10246\02\FP\0246_02\FP\0246_02.DWG, \\FP024602.DWG, \\MT024602.DWG, \\S024602.DWG, \\S024602.DWG, \\S024602.DWG, \\S024602.DWG
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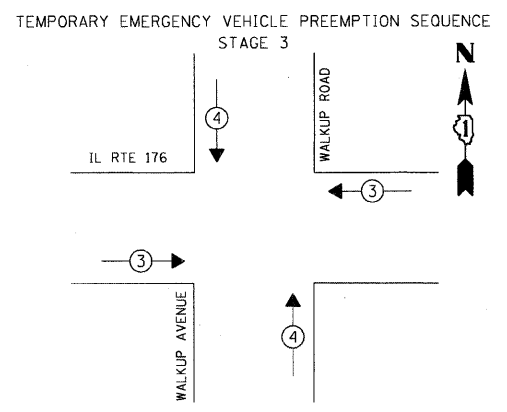
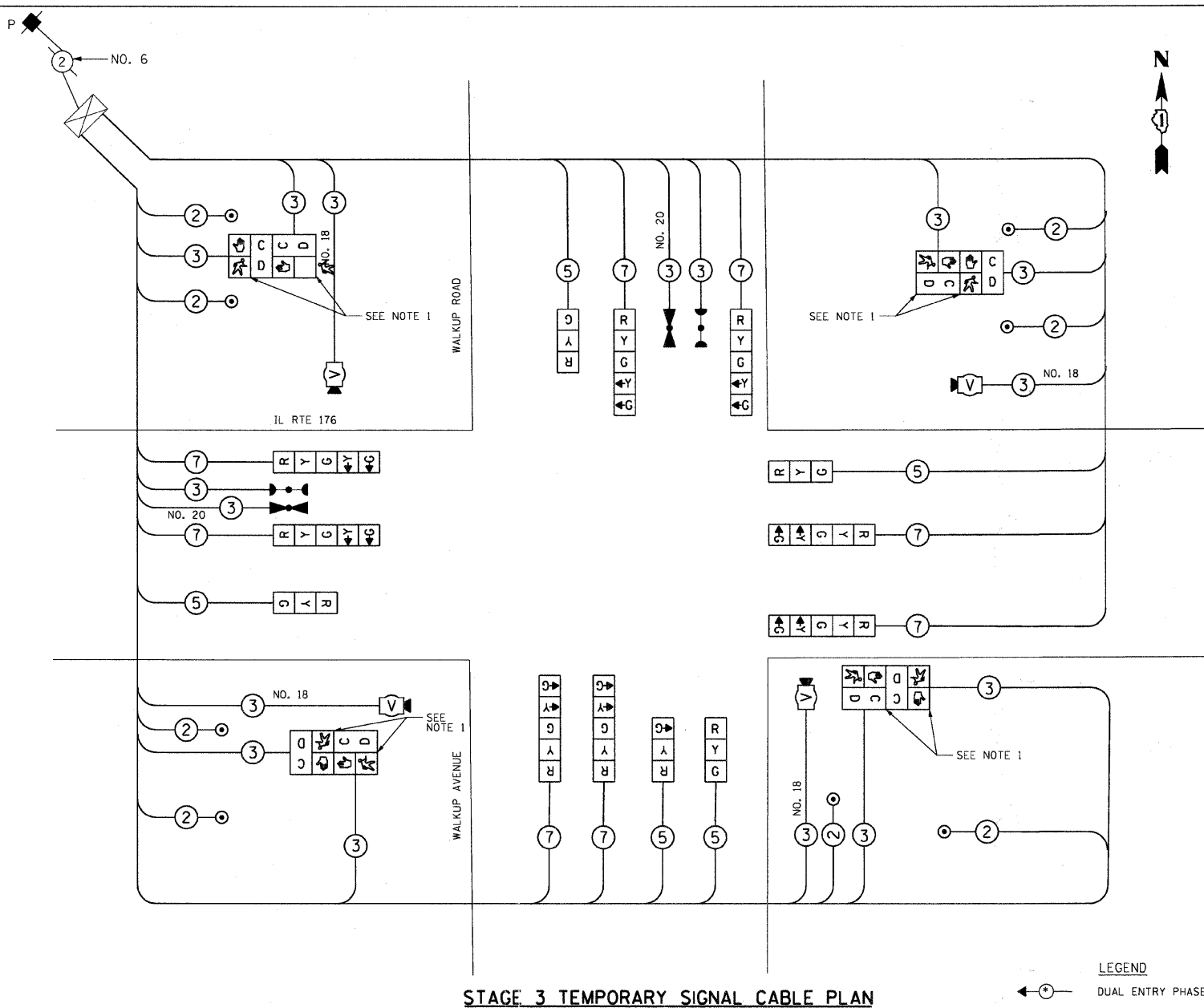
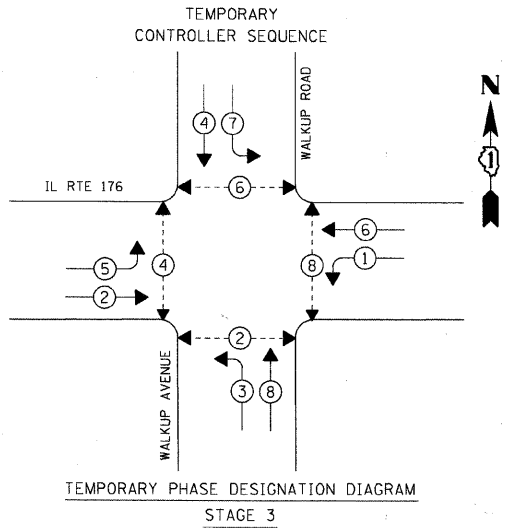
LEGEND

- TEMPORARY SIDEWALK (3' WIDTH)
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT FROM PREVIOUS STAGE
- PREVIOUS TRAFFIC PATTERN
- PR TRAFFIC PATTERN

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
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MCHENRY COUNTY DIVISION OF TRANSPORTATION
 WALKUP ROAD F.A.U. 0085
**TEMPORARY TRAFFIC SIGNAL
 INSTALLATION PLAN
 STAGE 3**
 IL ROUTE 176 & WALKUP ROAD
 SCALE: 1" = 20' DRAWN BY: SNB
 DATE: 06/10/11 CHECKED BY: RRM

| | | | | |
|---|----------------|---------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0085 | 00-00246-02-FF | MCHENRY | 292 | 183 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |
| CONTRACT NO: 63522 | | | | |



| | | |
|-----------------------------|-----|-----|
| EMERGENCY VEHICLE PREEMPTOR | 3 | 4 |
| MOVEMENT | ← → | ↑ ↓ |

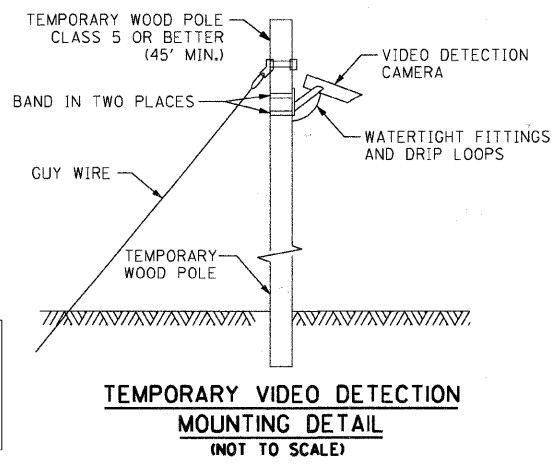
INTRODUCE FAR DETECTION LATER IN THIS STAGE IN-PLACE OF THE PRESENCE FOR THRU MOVEMENTS ON IL 176. SEE PLAN.

NOTES:
 1. ALL PEDESTRIAN SIGNAL HEADS SHALL BE BAGGED AND DISCONNECTED AT LOCATIONS WHERE EXISTING PAVEMENT IS REMOVED. ALL PEDESTRIAN SIGNAL HEADS SHALL REMAIN BAGGED UNTIL THE PAVEMENT IS RESTORED TO PROVIDE A SAFE CROSSING AREA. USAGE OF PEDESTRIAN SIGNAL HEADS IS BASED ON CONSTRUCTION STAGING AND SHALL BE DETERMINED BY THE RESIDENT ENGINEER. IF SIDEWALKS AND PED CROSSINGS ARE NOT PROVIDED, THE PEDESTRIAN SIGNAL EQUIPMENT SHALL REMAIN DISCONNECTED UNTIL WARRANTED PRIOR TO PERMANENT SIGNAL TURN-ON.

LEGEND
 ←○→ DUAL ENTRY PHASE
 ←○→ PEDESTRIAN PHASE
 ◊ OL OVERLAP
 * NUMBER REFERS TO ASSOCIATED PHASE

| TYPE | NO. OF LAMPS X INCAND. | WATTAGE | LED X % OPERATION | TOTAL WATTAGE | |
|---|------------------------|---------|-------------------|---------------|-------|
| SIGNAL (RED) | 12 | X | 17 | 0.50 | 102.0 |
| (YELLOW) | 12 | X | 25 | 0.25 | 75.0 |
| (GREEN) | 12 | X | 15 | 0.25 | 45.0 |
| ARROW | 16 | X | 12 | 0.10 | 19.20 |
| PED. SIGNAL | 8 | X | 25 | 1.00 | 200.0 |
| CONTROLLER | 1 | X | 100 | 1.00 | 100.0 |
| ILLUM. SIGN | -- | X | | 0.05 | |
| VIDEO SYSTEM | | 150 | | 1.00 | 150.0 |
| ENERGY COSTS TO: CITY OF CRYSTAL LAKE | | | | TOTAL = | 691.2 |
| MARK STONIKAS (815) 356-3700, EXT. 4025 | | | | | |
| 100 W. WOODSTOCK STREET | | | | | |
| CRYSTAL LAKE, ILLINOIS 60014 | | | | | |
| ENERGY SUPPLY: CONTACT: LISA COOK | | | | | |
| PHONE: 815-477-5204 | | | | | |
| COMPANY: COM. ED. | | | | | |

RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.



| NAME | DATE |
|------|------|
| | |
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MCHENRY COUNTY DIVISION OF TRANSPORTATION
 WALKUP ROAD F.A.U. 0085
STAGE 3: TEMP CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE SEQUENCE
 IL ROUTE 176 & WALKUP ROAD
 SCALE: N.T.S. DRAWN BY: SNB
 DATE: 06/10/11 CHECKED BY: RRM

TENG
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 90 N. MICHIGAN AVE. CHICAGO, IL 60611
 TELEPHONE: 312.642.4000

I:\S-0044\WALKUP\TRANS_07\2202\300-03\CIVIL\CAD\02 CONTRACT\A_TENG\SHEET\TPO2A03.SIT
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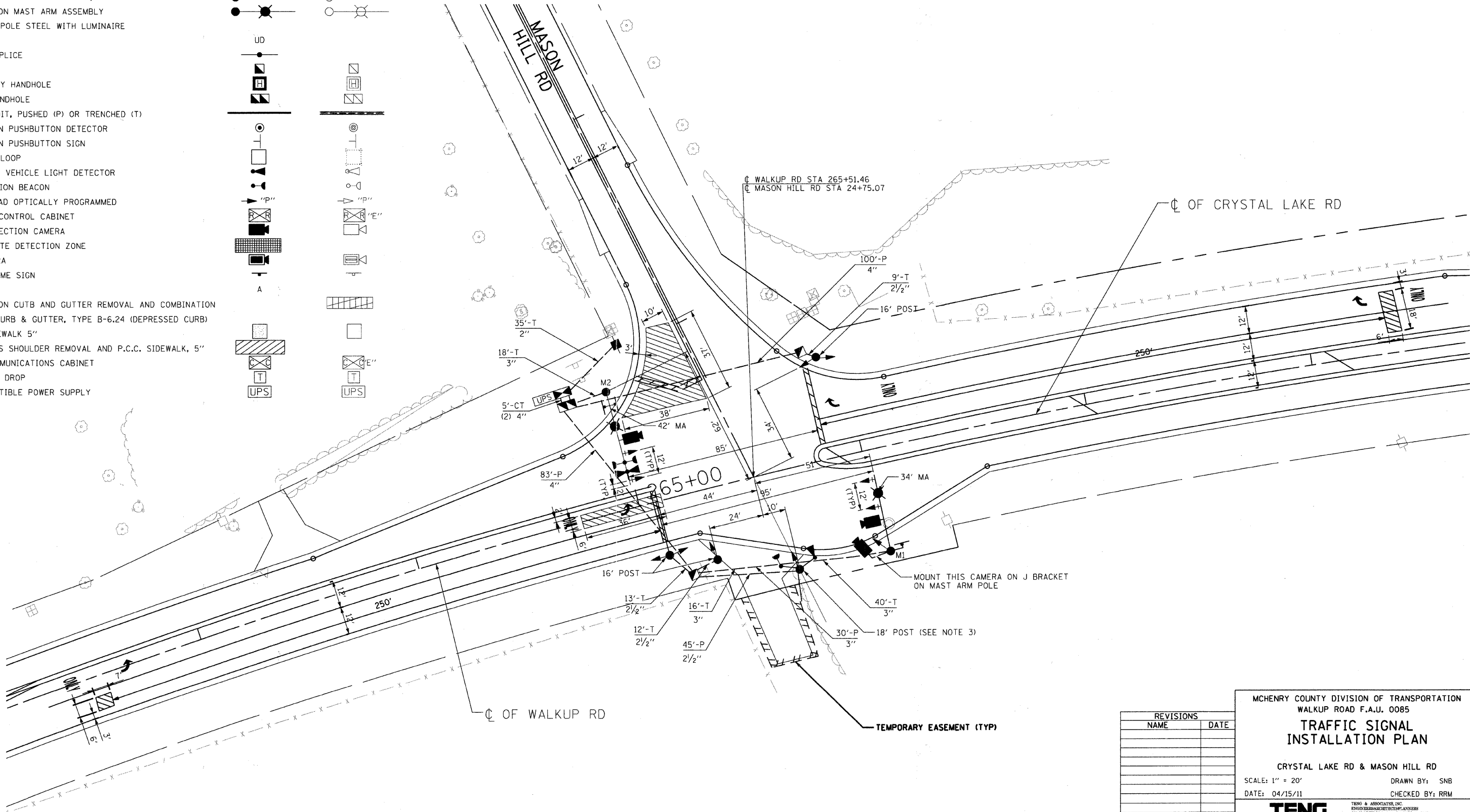
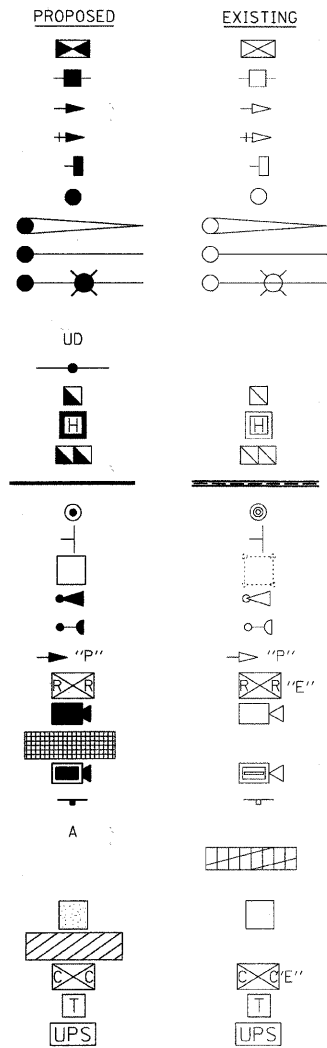
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|---------------------|----------------|------------------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0085 | 00-00246-02-FP | MCHENRY | 292 | 187 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |
| CONTRACT NO: 63522 | | | | |

- NOTES:
1. THE TRAFFIC SIGNAL POST FOUNDATIONS SHALL BE A MINIMUM OF 4 FEET BACK OF CURB. THE MAST ARM FOUNDATIONS SHALL BE A MINIMUM OF 6 FEET BACK OF CURB.
 2. THE LEFT MAST ARM SIGNAL HEAD SHALL BE PLACED OVER THE CENTER OF LANE ON WALKUP ROAD AND CRYSTAL LAKE ROAD.
 3. THE POST MOUNTED SIGNAL HEAD SHALL BE LOCATED ON THE CENTER LINE OF THE CROSS STREET.



TRAFFIC SIGNAL LEGEND

- CONTROLLER
- SERVICE INSTALLATION
- SIGNAL HEAD
- SIGNAL HEAD WITH BACKPLATE
- SIGNAL HEAD, PEDESTRIAN
- SIGNAL POST
- MAST ARM ASSEMBLY AND POLE, STEEL
- MAST ARM ASSEMBLY AND POLE, ALUMINUM
- COMBINATION MAST ARM ASSEMBLY AND POLE STEEL WITH LUMINAIRE
- UNIT DUCT
- CONDUIT SPLICE
- HANDHOLE
- HEAVY DUTY HANDHOLE
- DOUBLE HANDHOLE
- G.S. CONDUIT, PUSHED (P) OR TRENCHED (T)
- PEDESTRIAN PUSHBUTTON DETECTOR
- PEDESTRIAN PUSHBUTTON SIGN
- DETECTOR LOOP
- EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON
- SIGNAL HEAD OPTICALLY PROGRAMMED
- RAILROAD CONTROL CABINET
- VIDEO DETECTION CAMERA
- APPROXIMATE DETECTION ZONE
- PTZ CAMERA
- STREET NAME SIGN
- ABANDON
- COMBINATION CUTB AND GUTTER REMOVAL AND COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (DEPRESSED CURB)
- P.C.C. SIDEWALK 5"
- BITUMINOUS SHOULDER REMOVAL AND P.C.C. SIDEWALK, 5"
- VIDEO COMMUNICATIONS CABINET
- TELEPHONE DROP
- UNINTERRUPTIBLE POWER SUPPLY



\PI\0214002.DGN, \PI\0214001.DGN, \PI\0214002.DGN, \PI\0214003.DGN, \PI\0214004.DGN, \PI\0214005.DGN, \PI\0214006.DGN, \PI\0214007.DGN, \PI\0214008.DGN, \PI\0214009.DGN, \PI\0214010.DGN, \PI\0214011.DGN, \PI\0214012.DGN, \PI\0214013.DGN, \PI\0214014.DGN, \PI\0214015.DGN, \PI\0214016.DGN, \PI\0214017.DGN, \PI\0214018.DGN, \PI\0214019.DGN, \PI\0214020.DGN, \PI\0214021.DGN, \PI\0214022.DGN, \PI\0214023.DGN, \PI\0214024.DGN, \PI\0214025.DGN, \PI\0214026.DGN, \PI\0214027.DGN, \PI\0214028.DGN, \PI\0214029.DGN, \PI\0214030.DGN, \PI\0214031.DGN, \PI\0214032.DGN, \PI\0214033.DGN, \PI\0214034.DGN, \PI\0214035.DGN, \PI\0214036.DGN, \PI\0214037.DGN, \PI\0214038.DGN, \PI\0214039.DGN, \PI\0214040.DGN, \PI\0214041.DGN, \PI\0214042.DGN, \PI\0214043.DGN, \PI\0214044.DGN, \PI\0214045.DGN, \PI\0214046.DGN, \PI\0214047.DGN, \PI\0214048.DGN, \PI\0214049.DGN, \PI\0214050.DGN, \PI\0214051.DGN, \PI\0214052.DGN, \PI\0214053.DGN, \PI\0214054.DGN, \PI\0214055.DGN, \PI\0214056.DGN, \PI\0214057.DGN, \PI\0214058.DGN, \PI\0214059.DGN, \PI\0214060.DGN

| REVISIONS | |
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| NAME | DATE |
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MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085

**TRAFFIC SIGNAL
INSTALLATION PLAN**

CRYSTAL LAKE RD & MASON HILL RD

SCALE: 1" = 20'

DATE: 04/15/11

DRAWN BY: SNB
CHECKED BY: RRM

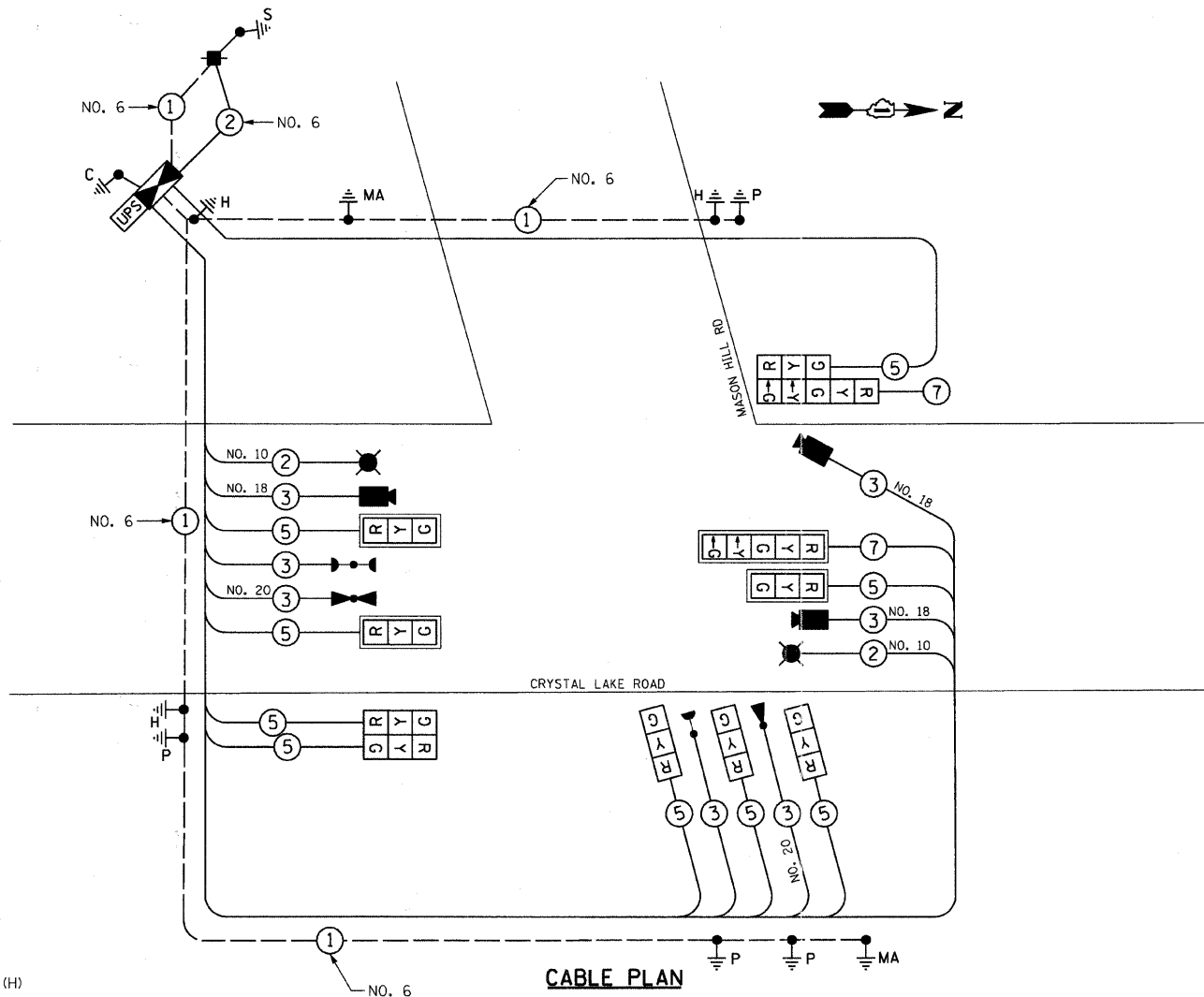
TENG

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
816 N. MICHIGAN AVE., CHICAGO, IL 60611
TELEPHONE: 312-487-0000

| | | | | |
|-----------------------|----------------|---------------------------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0085 | 00-00246-02-FP | MCHENRY | 292 | 188 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 1 | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO: 63522 | | | | |

CABLE PLAN LEGEND

- PROPOSED**
- 12" TRAFFIC SIGNAL SECTION
 - 12" PEDESTRIAN SIGNAL SECTION
 - 16" X 18" PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER
 - CONTROLLER CABINET
 - SERVICE INSTALLATION
 - TELEPHONE INSTALLATION
 - VEHICLE DETECTOR, INDUCTION LOOP
 - EMERGENCY VEHICLE LIGHT DETECTOR
 - CONFIRMATION BEACON
 - PUSH-BUTTON DETECTOR
 - DENOTES NUMBER OF CONDUCTORS, ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE SHIELDED.
 - GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)
 - FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 2-MM12F
 - SIGNAL FACE WITH BACKPLATE. *P* INDICATES PROGRAMMED HEAD.
 - RAILROAD CONTROL CABINET
 - ILLUMINATED SIGN, FIBER OPTIC "NO LEFT TURN"
 - ILLUMINATED SIGN, FIBER OPTIC "NO RIGHT TURN"
 - GROUND ROD AT HANDHOLE (H), DOUBLE HANDHOLE (H), OR CONTROLLER (H)
 - GROUND ROD AT POST (P) OR MAST ARM POLE (MA)
 - GROUND ROD AT ELECTRIC SERVICE INSTALLATION
 - LUMINAIRE
 - VIDEO DETECTION CAMERA
 - PTZ CAMERA
 - VIDEO COMMUNICATIONS CABINET
 - TELEPHONE DROP
 - L.E.D. STREET NAME SIGN
 - UNINTERRUPTIBLE POWER SUPPLY

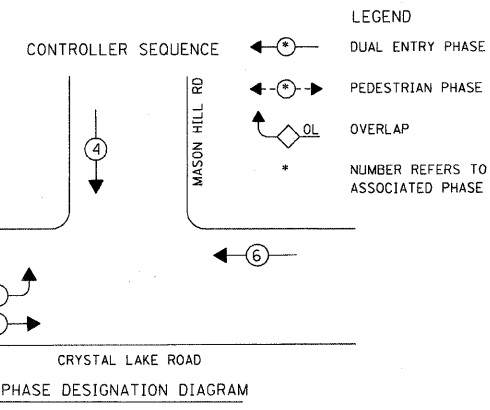


CABLE PLAN

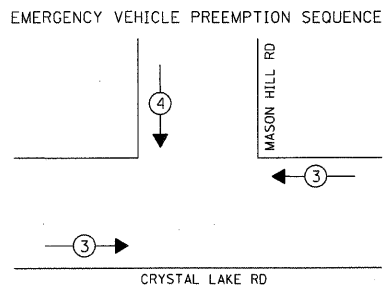
NOTES:

1. ALL TRAFFIC SIGNAL CONTROL EQUIPMENT SHALL BE ECONOLITE TRAFFIC CONTROL EQUIPMENT.
2. VIDEO DETECTION CAMERA SHALL BE AUTOSCOPE TERRA.
3. VIDEO DETECTION CABLE SHALL BE #18, 3C.
4. CONTROLLER SHALL BE ECONOLITE ASC3.
5. TYPE IV CABINET.
6. EVP CABLE SHALL BE 3C #20, TWISTED, SHIELDED.
7. CONFIRMATION BEACON CABLE SHALL BE 3C #14.
8. ALL PEDESTRIAN HEADS SHALL BE COUNTDOWN HEAD. SIDE BY SIDE 16" X 18".
9. GROUNDING OF SIGNAL EQUIPMENT INCIDENTAL TO FOUNDATION PAY ITEM.
10. CONFIRMATION BEACON SHALL BE LED.

| FOUNDATION (DEPTH) | FT. | CABLE SLACK | FT. | VERTICAL | FT. |
|--------------------|-----|------------------|-----|-------------------|------|
| TYPE A - POST | 4 | HANDHOLE | 6.5 | ALL FOUNDATIONS | 3.5 |
| C - CONT. W/ UPS | 4 | DOUBLE HANDHOLE | 13 | MAST ARM (L) POLE | 20'+ |
| D - CONTROLLER | 4 | SIGNAL POST | 2 | BRACKET MOUNTED | L-2= |
| E - M. ARM POLE | 15 | CONTROLLER CAB. | 1 | PED. PUSHBUTTON | 4 |
| | | FIBER OPTIC | 13 | ELECTRIC SERVICE | 13.5 |
| | | ELECTRIC SERVICE | 1 | SERVICE TO GROUND | 13.5 |
| | | GROUND CABLE | 1 | POST MOUNTED | 6 |



PHASE DESIGNATION DIAGRAM



PROPOSED EMERGENCY VEHICLE PREEMPTORS

| | | |
|-----------------------------|---|---|
| EMERGENCY VEHICLE PREEMPTOR | 3 | 4 |
| MOVEMENT | ← | ↓ |

| PAY CODE | DESCRIPTION | UNIT | QUANTITY |
|----------|--|---------|----------|
| 72000200 | SIGN PANEL - TYPE 2 | SO. FT. | 30 |
| 81000600 | CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL | FOOT | 35 |
| 81000700 | CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL | FOOT | 34 |
| 81000800 | CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL | FOOT | 74 |
| 81001000 | CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL | FOOT | 10 |
| 81018600 | CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL | FOOT | 45 |
| 81018900 | CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL | FOOT | 183 |
| 81400100 | HANDHOLE | EACH | 2 |
| 81400300 | DOUBLE HANDHOLE | EACH | 1 |
| 81900200 | TRENCH AND BACKFILL FOR ELECTRICAL WORK | FOOT | 148 |
| 85700205 | FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL | EACH | 1 |
| 87301225 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C | FOOT | 282 |
| 87301245 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C | FOOT | 1372 |
| 87301255 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C | FOOT | 392 |
| 87301805 | ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C | FOOT | 53 |
| 87502520 | TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT. | EACH | 1 |
| 87502500 | TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT. | EACH | 3 |
| 87702900 | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 34 FT. | EACH | 1 |
| 87702940 | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT. | EACH | 1 |
| 87800100 | CONCRETE FOUNDATION, TYPE A | FOOT | 16 |
| 87800150 | CONCRETE FOUNDATION, TYPE C | FOOT | 4 |
| 87800415 | CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER | FOOT | 30 |
| 88030020 | SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED | EACH | 3 |
| 88030050 | SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED | EACH | 3 |
| 88030110 | SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED | EACH | 1 |
| 88200210 | TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM | EACH | 4 |
| 88700200 | LIGHT DETECTOR | EACH | 2 |
| 88700300 | LIGHT DETECTOR AMPLIFIER | EACH | 1 |
| 80500020 | SERVICE INSTALLATION-POLE MOUNTED | EACH | 1 |
| 87301900 | ELECTRIC CABLE IN CONDUIT, EQUIPMENT, GROUNDING CONDUCTOR, NO. 6 1C | FOOT | 540 |
| X8730250 | ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED | FOOT | 282 |
| 88030240 | SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED | EACH | 1 |
| XX005230 | VIDEO DETECTION SYSTEM COMPLETE INTERSECTION | L. SUM | 1 |
| 87301290 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 18 3C | FOOT | 617 |
| 82103250 | LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL 250 WATT | EACH | 2 |
| 81700215 | ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE RHW) 2-1C NO. 10 | FOOT | 408 |
| 86200120 | UNINTERRUPTIBLE POWER SUPPLY (UPS) | EACH | 1 |
| 88030210 | SIGNAL HEAD, LED, 2 FACE, 3 SECTION, BRACKET MOUNTED | EACH | 1 |

| MCDOT TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS | | | | | TOTAL WATTAGE |
|---|------------------------|---------|-------------------|------|---------------|
| TYPE | NO. OF LAMPS X INCAND. | WATTAGE | LED X % OPERATION | | |
| SIGNAL (RED) | 11 | 135 | 10 | 0.50 | 55.0 |
| (YELLOW) | 11 | 135 | 19 | 0.10 | 20.9 |
| (GREEN) | 11 | 135 | 11 | 0.40 | 48.4 |
| ARROW | 4 | 135 | 9 | 0.10 | 3.6 |
| PED. SIGNAL | -- | 90 | 9 | 1.00 | -- |
| CONTROLLER | 1 | -- | 300 | 1.00 | 300.0 |
| LUMINAIRE | 2 | -- | 250 | 0.50 | 250.0 |
| ENERGY COSTS TO: BRAD COUSIN 815-334-4971 TOTAL = | | | | | 677.9 |
| MCHENRY COUNTY DIVISION OF TRANSPORTATION
16111 NELSON ROAD
WOODSTOCK, IL 60098 | | | | | |
| ENERGY SUPPLY: CONTACT: LISA COOK
PHONE: 815-477-5204
COMPANY: COM. ED. | | | | | |

| REVISIONS | |
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MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085

**SOQ, CABLE PLAN,
PHASE DESIGNATION DIAGRAM,
EMERGENCY VEHICLE SEQUENCE**

CRYSTAL LAKE RD & MASON HILL RD

SCALE: N.T.S. DRAWN BY: SNB
DATE: 04/15/11 CHECKED BY: RRM

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
205 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312-664-6000

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 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63

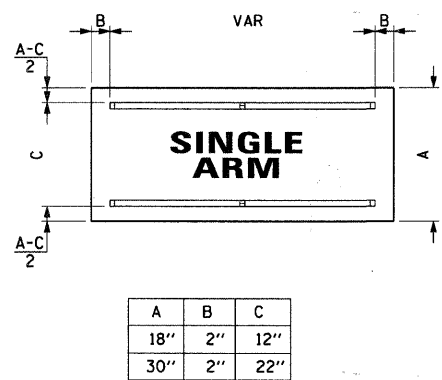
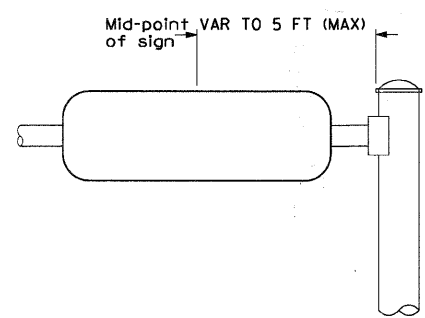
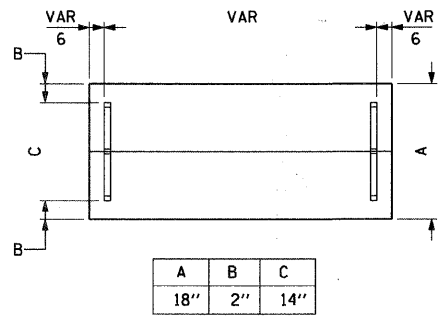
GENERAL NOTES

- WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 877001, 877002, 877006, 877011 AND 877012 AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" x 6'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.
- ALL SIGNS SHALL HAVE A WHITE REFLECTORIZED LEGEND AND BORDER ON A GREEN REFLECTORIZED BACKGROUND. ALL SIGNS TO BE CONSTRUCTED WITH 3M DIAMOND GRADE DG3 SHEETING.
- THE SIGN LENGTH SHOULD BE INCREASED IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHOULD NOT EXCEED 6'-0".
- ALL BORDERS SHALL BE 3/4" WIDE AND CORNER RADIUS SHALL BE 2-1/4".
- SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS. LOCAL SUPPLIERS OF THE SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM ARE:
 - A.K.T. CORPORATION, SCHAUMBURG, IL
 - TUCKER COMPANY, INC., WAUWATOSA, WI.
 - AMERICAN FABRICATION CO., CHICAGO HEIGHTS, IL.
 - WESTERN TRAFFIC CONTROL INC., CICERO, IL.

PARTS LISTING
SIGN CHANNEL
SIGN SCREWS

- PART #HPN053 (MED. CHANNEL)
1/4" x 14 x 1" H.W.H. #3
SELF TAPPING WITH NEOPRENE WASHER
PART #HPN034 (UNIVERSAL)
CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING

OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BACKET OF THE ABOVE PRODUCT.



SIGN DETAIL
1:25

Crystal Lake Road

6'-6" (Overall Width)
2'-6" (Panel Height)
70" (Letter Spacing)
BORDER R=2.25" TH=0.75"

FONT: (1) ClearviewHwy-3-W

| | |
|---------------|--|
| SIGN NUMBER | name |
| WIDTH x HGHT. | 6'-6" x 2'-6" |
| BORDER WIDTH | 0.75" |
| CORNER RADIUS | 2.25" |
| MOUNTING | Overhead |
| BACKGROUND | TYPE: Reflective
COLOR: Green |
| LEGEND/BORDER | TYPE: Reflective
COLOR: White/White |

| SYMBOL | ROT | X | Y | WID | HT |
|--------|-----|---|---|-----|----|
| | | | | | |
| | | | | | |
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| | | | | | |
| | | | | | |

Panel Style: MCDot Street Sign.asi
Dimensions are in inches tenths
Letter locations are panel edge to lower left corner

| LETTER POSITIONS (X) | | | | | | | | | | | LENGTH | SERIESIZE | |
|----------------------|------|------|------|------|------|------|------|------|----|------|--------|------------------|------|
| C | r | y | a | t | a | l | L | a | k | e | | ClearviewHwy-3-W | |
| 4 | 11.4 | 15.8 | 22.4 | 28.2 | 33.3 | 40.7 | 42.9 | 49.5 | 55 | 62.4 | 68.7 | 70 | 86.5 |
| R | o | a | d | | | | | | | | | ClearviewHwy-3-W | |
| 25.7 | 32.7 | 40 | 47.1 | | | | | | | | | 26.6 | 86.5 |

SIGN DETAIL
1:25

Mason Hill Road

5'-6" (Overall Width)
2'-6" (Panel Height)
59.2" (Letter Spacing)
BORDER R=2.25" TH=0.75"

FONT: (1) ClearviewHwy-3-W

| | |
|---------------|--|
| SIGN NUMBER | name |
| WIDTH x HGHT. | 5'-6" x 2'-6" |
| BORDER WIDTH | 0.75" |
| CORNER RADIUS | 2.25" |
| MOUNTING | Overhead |
| BACKGROUND | TYPE: Reflective
COLOR: Green |
| LEGEND/BORDER | TYPE: Reflective
COLOR: White/White |

| SYMBOL | ROT | X | Y | WID | HT |
|--------|-----|---|---|-----|----|
| | | | | | |
| | | | | | |
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| | | | | | |

Panel Style: MCDot Street Sign.asi
Dimensions are in inches tenths
Letter locations are panel edge to lower left corner

| LETTER POSITIONS (X) | | | | | | | | | | | LENGTH | SERIESIZE |
|----------------------|------|------|------|------|------|------|------|------|------|--|------------------|-----------|
| M | a | s | o | n | H | i | l | l | | | ClearviewHwy-3-W | |
| 3.4 | 12 | 18.8 | 25 | 32.6 | 37.6 | 44.8 | 52.4 | 56.3 | 60.4 | | 59.2 | 86.5 |
| R | o | a | d | | | | | | | | ClearviewHwy-3-W | |
| 19.7 | 26.7 | 34 | 41.1 | | | | | | | | 26.6 | 86.5 |

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MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085

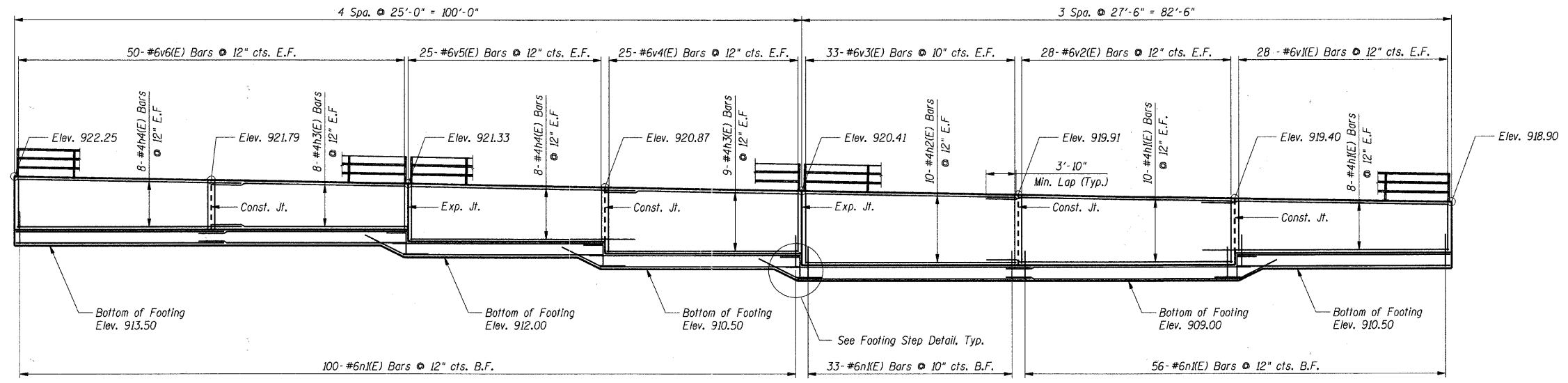
MAST ARM MOUNTED STREET NAME SIGNS
SHEET 2 OF 2

SCALE: N.T.S. DRAWN BY: BRH
DATE: 04/15/11 CHECKED BY: RRM

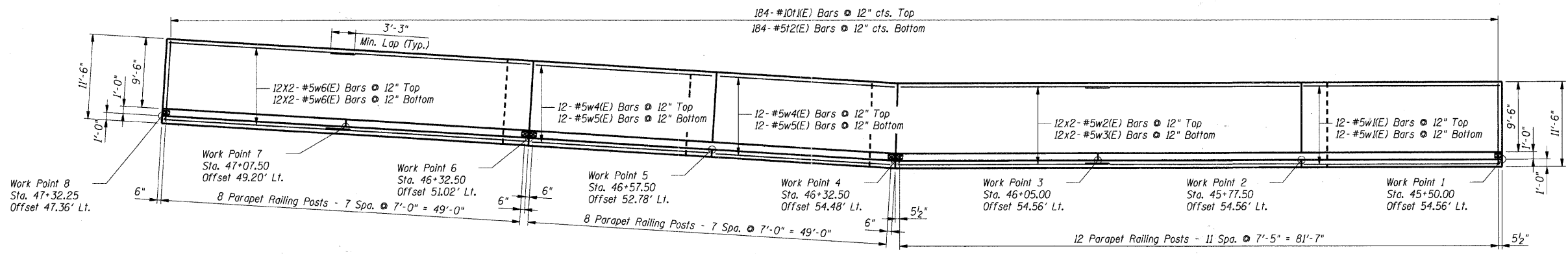
TENG
TENG & ASSOCIATES, INC.
ENGINEERING ARCHITECTURE INTERIORS
815 N. DEARBORN AVE. CHICAGO, IL 60610
TELEPHONE: 312.668-0000

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|-----------------------|----------------|---------------------------|--------------|-----------|
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0085 | 00-00246-02-FP | MCHENRY | 292 | 192 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 1 | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO: 63522 | | | | |



ELEVATION



PLAN

- Notes:**
1. Work this Sheet with SA-1, SA-3 & SA-4.
 2. E.F. denotes Each Face
F.F. denotes Front Face
B.F. denotes Back Face
 3. All edges shall have 3/4" chamfer unless noted otherwise.
 4. Bars indicated thus: 10x2-#5 etc. indicates 10 lines of bars with two lengths per line.
 5. Min. lap lengths =
#5 - 3'-3"
#6 - 3'-10"

SHT. SA-2

| REVISIONS | |
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| NAME | DATE |
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MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085
SECTION 00-00246-02-FP
STATION 45+50.00 TO 47+32.25
ILLINOIS ROUTE 176 RETAINING WALL

PLAN AND ELEVATION

SCALE: 1/8" = 1'-0" DRAWN BY: CPB
DATE: 04/15/11 CHECKED BY: TCG

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
100 N. MICHIGAN AVE. CHICAGO, IL 60611
TELEPHONE: 312.988.6000

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 STANKER

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| F.A.U. No. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0085 | 00-00246-02-FP | MCHENRY | 292 | 193 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |
| CONTRACT NO: 63522 | | | | |

BAR LIST

| Bar | No. | Size | Length | Shape |
|-------|-----|------|---------|-------|
| h1(E) | 36 | #4 | 31'-4" | — |
| h2(E) | 20 | #4 | 27'-2" | — |
| h3(E) | 34 | #4 | 24'-8" | — |
| h4(E) | 32 | #4 | 28'-10" | — |
| n1(E) | 189 | #6 | 5'-7" | — |
| t1(E) | 184 | #10 | 12'-10" | — |
| t2(E) | 184 | #5 | 11'-2" | — |
| v1(E) | 28 | #6 | 13'-0" | — |
| v2(E) | 28 | #6 | 17'-0" | — |
| v3(E) | 33 | #6 | 18'-0" | — |
| v4(E) | 25 | #6 | 15'-11" | — |
| v5(E) | 25 | #6 | 13'-10" | — |
| v6(E) | 50 | #6 | 12'-3" | — |
| w1(E) | 24 | #5 | 27'-2" | — |
| w2(E) | 24 | #5 | 31'-2" | — |
| w3(E) | 24 | #5 | 29'-6" | — |
| w4(E) | 24 | #5 | 26'-10" | — |
| w5(E) | 24 | #5 | 25'-4" | — |
| w6(E) | 48 | #5 | 26'-6" | — |
| w7(E) | 48 | #5 | 5'-0" | — |
| w8(E) | 48 | #5 | 8'-8" | — |

BILL OF MATERIAL

| Item | Unit | Total |
|----------------------------------|---------|--------|
| Concrete Structures | Cu. Yd. | 210.6 |
| Reinforcement Bars, Epoxy Coated | Pound | 25,890 |

Notes:

- Railing shall be according to Section 509 of the Standard Specifications except as noted.
- Hollow structural steel tubing shall conform the requirements of ASTM designation A 500, Grade B, Structural Steel Tubing.
- All other steel shapes and plates shall conform to the requirements of AASHTO M-270, Grade 345.
- All posts, railings, splices, anchor devices, and plates shall be galvanized after shop fabrication according to AASHTO M-111 and ASTM A-385. All bolts, nuts, and washers shall be galvanized according to AASHTO M-232 except stainless steel bolts as noted.
- Vent holes for galvanizing shall be placed in the posts and rails at locations that will not allow the accumulation of moisture in the members.
- Rail to match profile of top of wall.
- Work this Sheet with SA-1, SA-2 & SA-4.

SHT. SA-3

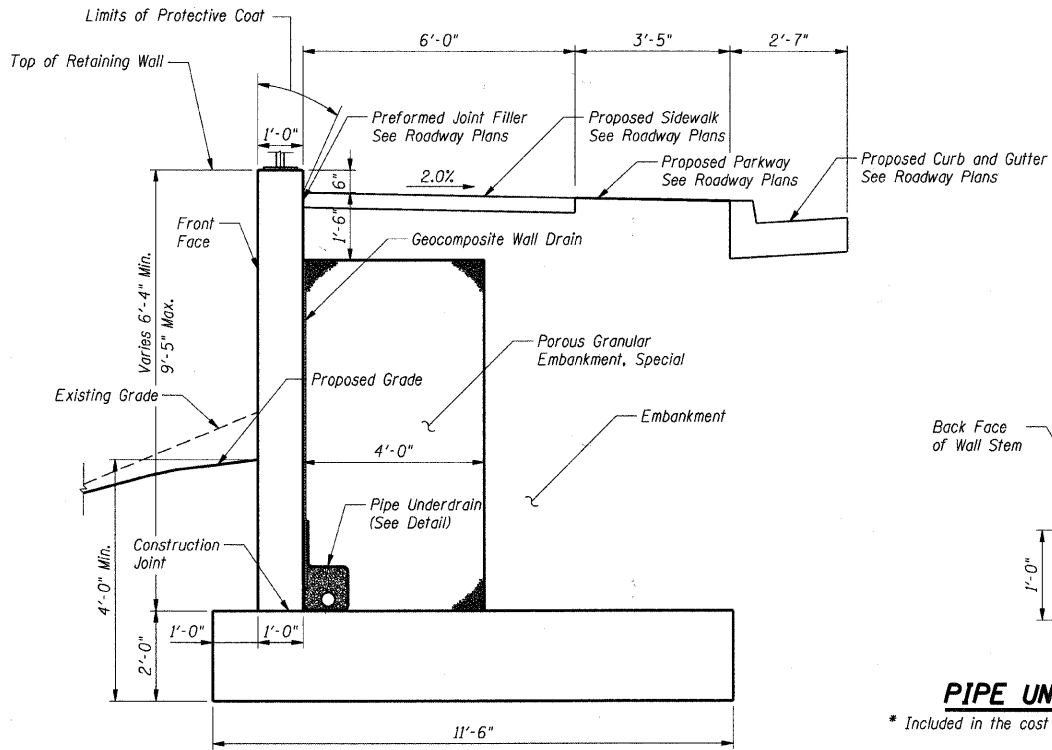
| REVISIONS | |
|-----------|------|
| NAME | DATE |
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MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085
SECTION 00-00246-02-FP
STATION 45+50.00 TO 47+32.25
ILLINOIS ROUTE 176 RETAINING WALL

WALL SECTION AND DETAILS

SCALE: N.T.S. DRAWN BY: CPB
DATE: 04/15/11 CHECKED BY: TCG

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
200 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312.986.5000

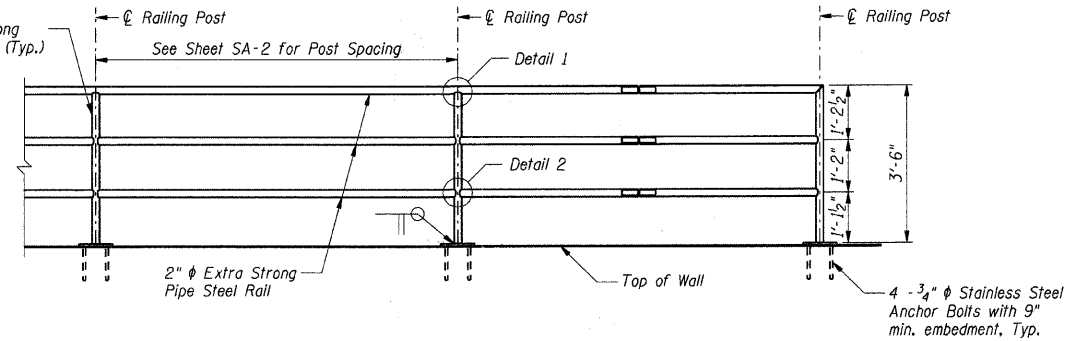
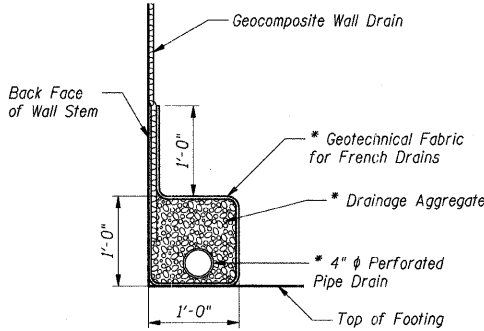


TYPICAL SECTION

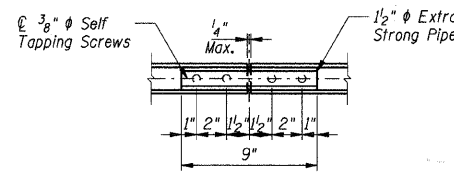
Maximum Applied Bearing Pressure (Qmax) = 1,800 psf.

PIPE UNDERDRAIN DETAIL

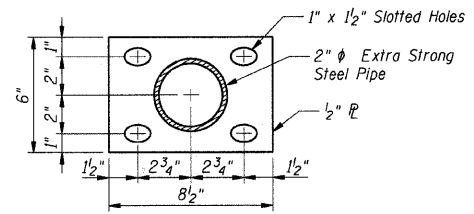
* Included in the cost of "Pipe Underdrains for Structures"



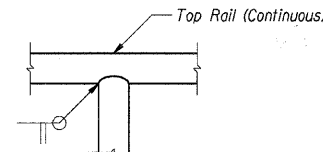
TYPICAL PIPE HANDRAIL ELEVATION



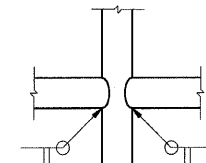
RAIL SPLICE DETAIL



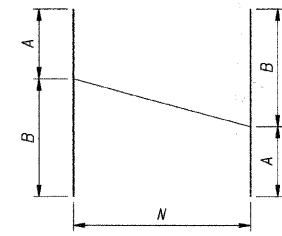
BASE PL



DETAIL 1



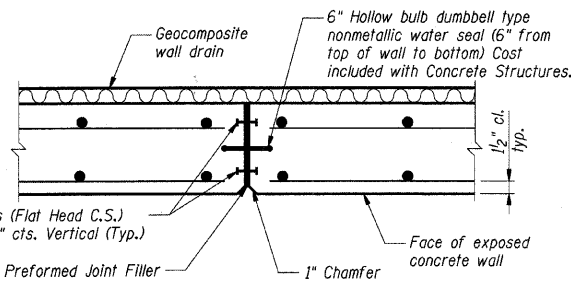
DETAIL 2



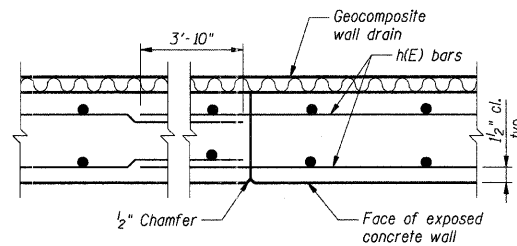
BAR CUTTING DIAGRAM

CUTTING DIAGRAM TABLE

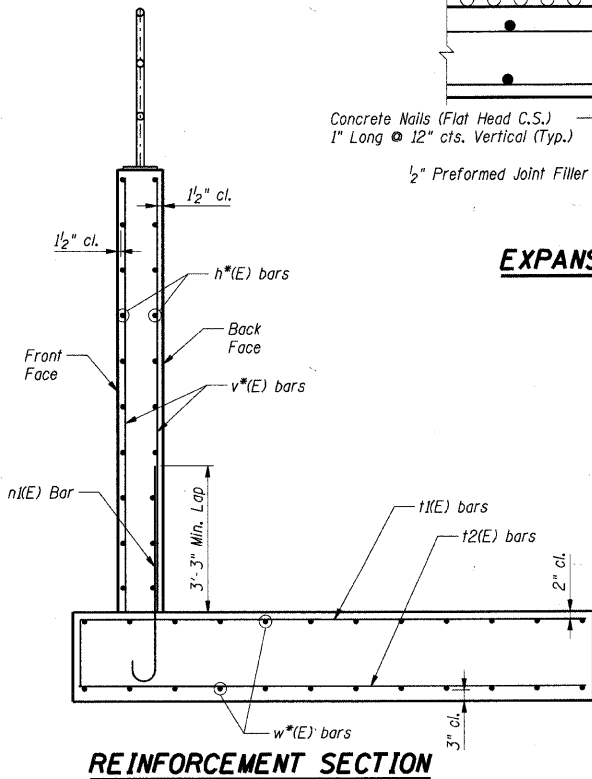
| Bar | A | B | N |
|-------|-------|-------|----|
| v1(E) | 6'-3" | 6'-9" | 28 |
| v2(E) | 8'-3" | 8'-9" | 28 |
| v3(E) | 8'-9" | 9'-3" | 33 |
| v4(E) | 7'-9" | 8'-2" | 25 |
| v5(E) | 6'-8" | 7'-2" | 25 |
| v6(E) | 5'-8" | 6'-7" | 50 |



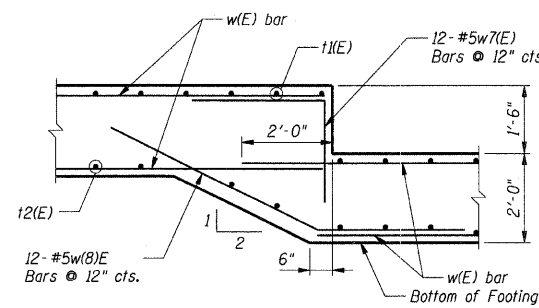
EXPANSION JOINT DETAIL



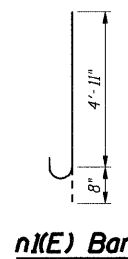
CONSTRUCTION JOINT DETAIL



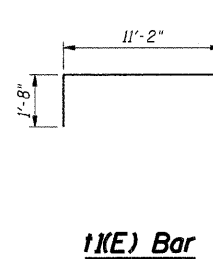
REINFORCEMENT SECTION



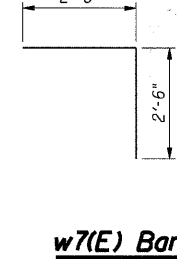
FOOTING STEP DETAIL



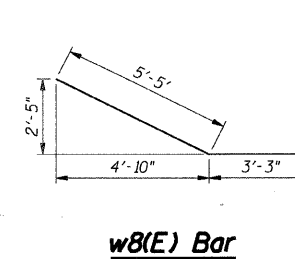
n1(E) Bar



t1(E) Bar



w7(E) Bar



w8(E) Bar

STANKBU
 \FS-0044\ANVAULT-IP-TRANS_071202\300-03\STRUCT\CAD\02 CONTRACT\176 WALL\9SHEET\M502L001.SHT
 1:00PM 04/15/11
 2-14-2011 09:55:51

STRUCTURE FOUNDATION BORING LOG

Page: 1 of 1

O'BRIEN & ASSOCIATES, INC.
CONSULTING ENGINEERS
1200 E. STATE ST. SUITE 1000, CHICAGO, IL 60605

Project: Walkup Road Phase II Roadway Improvements OBA Job No.: 06600
 Job No: 1D-91-374-00 Date: October 6, 2006
 County: McHenry Bored By: MB
 Client: Teng & Associates, Inc. Checked By: DDB

BORING No: **ST-1** Surface Water Elev.: n/s
 Station: 45+40 Il. Rte. 176 Groundwater Elevation: Dry #D
 Offset: 44' Left Groundwater Elevation: Dry #B
 Ground Surface Elevation: 817.5 (ft) (90) After Hours: (ft) (90)

| DEPTH (ft) | MOISTURE (%) | | SPT | REMARKS |
|------------|--------------|---|-----|---|
| | W | P | | |
| 0-2 | | | | CLAY LOAM-dark brown-stiff (A-6) F31 |
| 2-3 | | | | |
| 3-4 | | | | |
| 4-5 | | | | 814.5 |
| 5-6 | | | | |
| 6-7 | | | | CLAY LOAM-brown-medium stiff (A-6) |
| 7-8 | | | | |
| 8-9 | | | | 811.5 |
| 9-10 | | | | |
| 10-11 | | | | SAND & GRAVEL-brown-loose (A-1) |
| 11-12 | | | | |
| 12-13 | | | | 807.0 |
| 13-14 | | | | |
| 14-15 | | | | COBBLES & GRAVEL-brown medium dense to very dense (A-1-a) |
| 15-16 | | | | |
| 16-17 | | | | |
| 17-18 | | | | |
| 18-19 | | | | 801.5 |
| 19-20 | | | | Auger Refused @ -16.0' Hollow Stem Augers Dietrich Automatic Hammer |
| 20-21 | | | | |
| 21-22 | | | | |
| 22-23 | | | | |
| 23-24 | | | | |
| 24-25 | | | | |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Perpendicular). ST-Shelly Soil Sample. NP-Non Recovery.
 The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM 1208). The Unit Dry Weight (pcf) is noted in Italian slope model (S) NF-No Recovery.

STRUCTURE FOUNDATION BORING LOG

Page: 1 of 1

O'BRIEN & ASSOCIATES, INC.
CONSULTING ENGINEERS
1200 E. STATE ST. SUITE 1000, CHICAGO, IL 60605

Project: Walkup Road Phase II Roadway Improvements OBA Job No.: 06600
 Job No: 1D-91-374-00 Date: October 6, 2006
 County: McHenry Bored By: MB
 Client: Teng & Associates, Inc. Checked By: DDB

BORING No: **ST-2** Surface Water Elev.: n/s
 Station: 46+15 Il. Rte. 176 Groundwater Elevation: Dry #D
 Offset: 39' Left Groundwater Elevation: Dry #B
 Ground Surface Elevation: 818.7 (ft) (90) After Hours: (ft) (90)

| DEPTH (ft) | MOISTURE (%) | | SPT | REMARKS |
|------------|--------------|---|-----|--|
| | W | P | | |
| 0-1 | | | | SANDY LOAM-black-medium dense (A-4) Fill |
| 1-2 | | | | |
| 2-3 | | | | 818.2 |
| 3-4 | | | | |
| 4-5 | | | | CLAY LOAM-dark brown-stiff to (A-6) |
| 5-6 | | | | |
| 6-7 | | | | 813.2 |
| 7-8 | | | | |
| 8-9 | | | | SAND-brown-loose (A-3) |
| 9-10 | | | | |
| 10-11 | | | | 811.7 |
| 11-12 | | | | |
| 12-13 | | | | |
| 13-14 | | | | SAND, GRAVEL & COBBLES-brown-dense to very dense (A-1-a) |
| 14-15 | | | | |
| 15-16 | | | | |
| 16-17 | | | | |
| 17-18 | | | | |
| 18-19 | | | | |
| 19-20 | | | | |
| 20-21 | | | | |
| 21-22 | | | | 809.7 |
| 22-23 | | | | |
| 23-24 | | | | |
| 24-25 | | | | |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Perpendicular). ST-Shelly Soil Sample. NP-Non Recovery.
 The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM 1208). The Unit Dry Weight (pcf) is noted in Italian slope model (S) NF-No Recovery.

STRUCTURE FOUNDATION BORING LOG

Page: 1 of 1

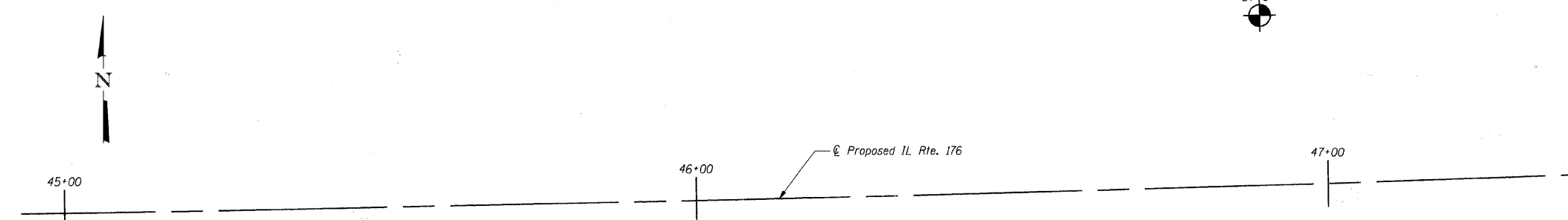
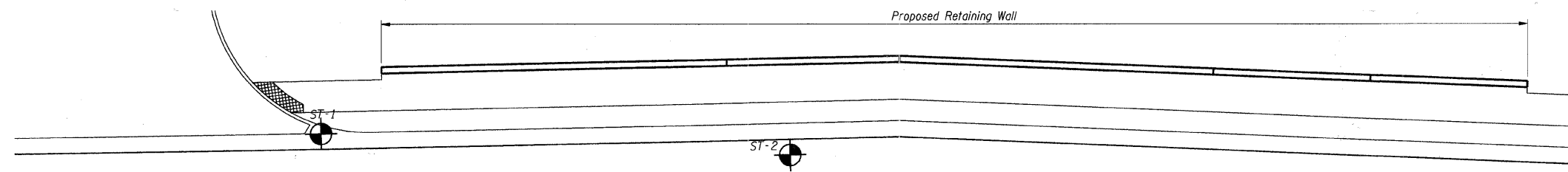
O'BRIEN & ASSOCIATES, INC.
CONSULTING ENGINEERS
1200 E. STATE ST. SUITE 1000, CHICAGO, IL 60605

Project: Walkup Road Phase II Roadway Improvements OBA Job No.: 06600
 Job No: 1D-91-374-00 Date: October 6, 2006
 County: McHenry Bored By: MB
 Client: Teng & Associates, Inc. Checked By: DDB

BORING No: **ST-3** Surface Water Elev.: n/s
 Station: 46+30 Il. Rte. 176 Groundwater Elevation: Dry #D
 Offset: 27' Left Groundwater Elevation: Dry #B
 Ground Surface Elevation: 820.4 (ft) (90) After Hours: (ft) (90)

| DEPTH (ft) | MOISTURE (%) | | SPT | REMARKS |
|------------|--------------|---|-----|---|
| | W | P | | |
| 0-1 | | | | 6.0" ASPHALT, 6.0" SANDY LOAM #10.4 |
| 1-2 | | | | |
| 2-3 | | | | SAND & GRAVEL-brown-medium dense (A-1) Fill |
| 3-4 | | | | |
| 4-5 | | | | 817.4 |
| 5-6 | | | | |
| 6-7 | | | | CLAY LOAM-dark brown-stiff (A-6) |
| 7-8 | | | | |
| 8-9 | | | | 812.4 |
| 9-10 | | | | |
| 10-11 | | | | |
| 11-12 | | | | |
| 12-13 | | | | |
| 13-14 | | | | SAND, GRAVEL & COBBLES-brown-very dense (A-1-a) |
| 14-15 | | | | |
| 15-16 | | | | |
| 16-17 | | | | |
| 17-18 | | | | |
| 18-19 | | | | |
| 19-20 | | | | |
| 20-21 | | | | |
| 21-22 | | | | |
| 22-23 | | | | |
| 23-24 | | | | |
| 24-25 | | | | |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Perpendicular). ST-Shelly Soil Sample. NP-Non Recovery.
 The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM 1208). The Unit Dry Weight (pcf) is noted in Italian slope model (S) NF-No Recovery.



SOIL BORING PLAN

SHT. SA-4

| REVISIONS | |
|-----------|------|
| NAME | DATE |
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MCHENRY COUNTY DIVISION OF TRANSPORTATION
 WALKUP ROAD F.A.U. 0085
 SECTION 00-00246-02-FP
 STATION 45+50.00 TO 47+32.25
 ILLINOIS ROUTE 176 RETAINING WALL

SOIL BORING LOGS

SCALE: N.T.S. DRAWN BY: CPB
 DATE: 04/15/11 CHECKED BY: TCG

TENG
 O'BRIEN & ASSOCIATES, INC.
 ENGINEERING ARCHITECTURE PLANNERS
 285 N. MICHIGAN AVE. CHICAGO, IL 60601
 TEL: (312) 449-0900

4-14-2011 02:00 PM ... 16502 LOC.DWG ... 16502 LOC.DWG ... 16502 LOC.DWG
 4-14-2011 09:00 AM ... TRANS. 01-2008-03-STRUCT.VIEW.02 CONTRACT.VIEW.176 WALL.SHEET.002LOC.DWG
 STANKERU

BENCHMARK

TBM "K" Elev. 928.06
Top of Southeast flange bolt of fire hydrant located at the Church of Jesus Christ of Latter Day Saints near Sta. 72+30.

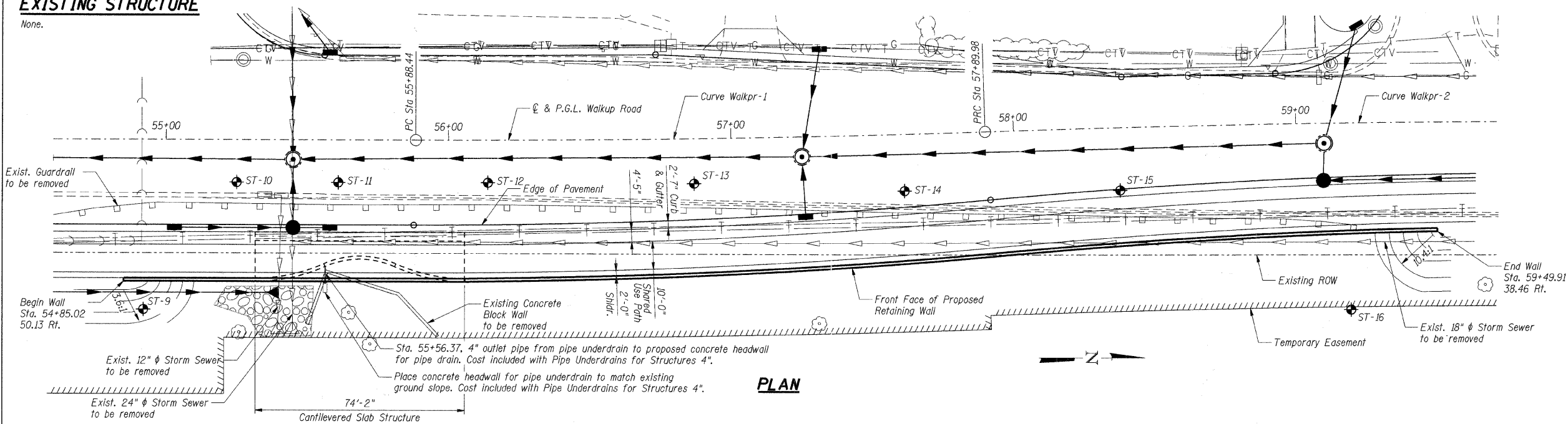
EXISTING STRUCTURE

None.

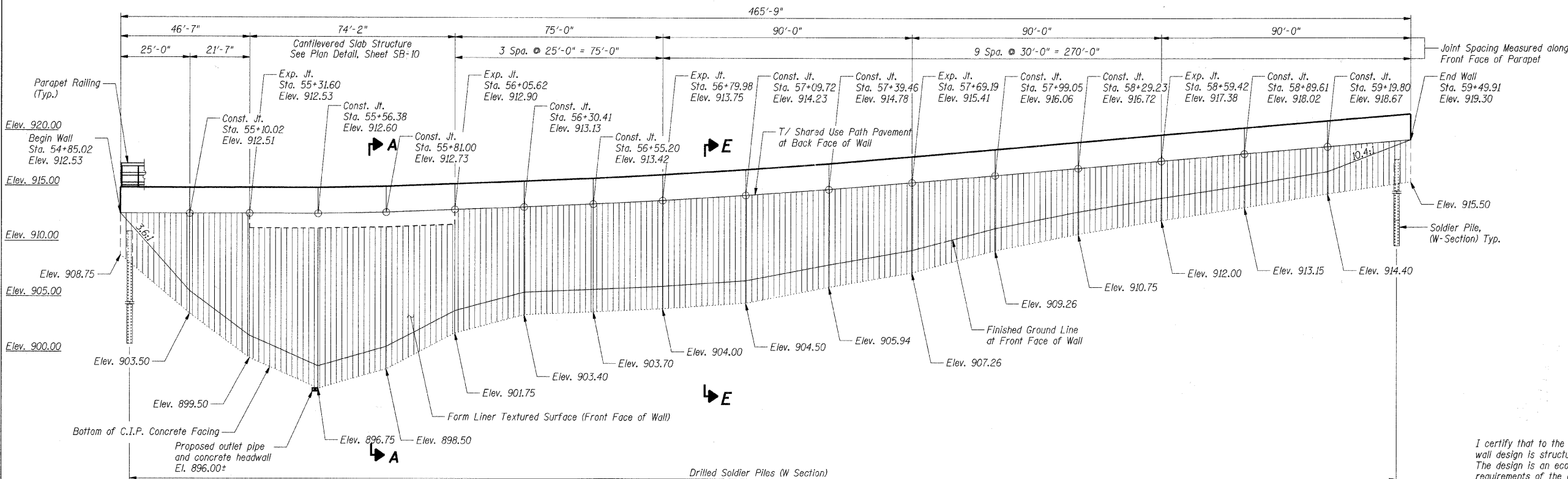
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| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0085 | 00-00246-02-FP | MCHENRY | 292 | 195 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT | | |
| CONTRACT NO: 63522 | | | | |

LEGEND

- W— Exist. Water Main
- T— Exist. Telephone
- CTV— Exist. Cable TV
- ▲— Exist. Drainage
- Exist. Tree to Remain
- ◆ ST-15 Soil Boring
-) — Exist. Sewer
- ▲— Prop. Drainage
- Prop. Catchbasin
- Prop. Manhole
- Prop. Inlet
- Prop. RipRap
- Exist. Guardrail



PLAN



ELEVATION

(Looking West @ Front Face of Wall)

DESIGN STRESSES

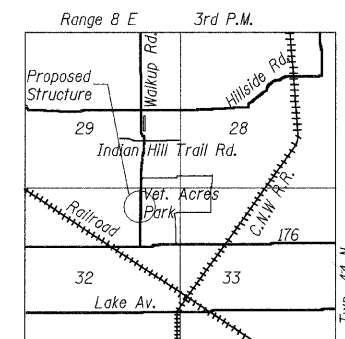
$f_c' = 3,500$ psi
 $f_y = 60,000$ psi (reinforcement)
 $f_y = 50,000$ psi (AASHTO M270 Gr. 50)
 $f_b = 1,000$ psi (Timber Lagging)

DESIGN SPECIFICATIONS

AASHTO Standard Specifications for Highway Bridges, 17th Edition, 2002.

Notes:

- Offsets are measured from ϕ of Walkup Road to the front face of the wall.
- The wall is to be built along straight lines between construction joints, except at Cantilevered Slab Structure and unless noted otherwise.
- Horizontal dimensions are measured along front face of wall.
- Work this sheet with sheets SB-2 thru SB-14.



LOCATION SKETCH



I certify that to the best of knowledge, information and belief, this retaining wall design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current AASHTO Standard Specifications for Highway Bridges.

SHT. SB-1

| REVISIONS | |
|-----------|------|
| NAME | DATE |
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MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085
SECTION 00-00246-02-FP
STATION 54+85.02 TO 59+49.91
VETERAN ACRES PARK RETAINING WALL
GENERAL PLAN AND ELEVATION

SCALE: 1" = 20'
DATE: 04/15/11
DRAWN BY: CPB
CHECKED BY: TCG
TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
200 N. MICHIGAN AVE. CHICAGO, IL 60601
TEL: 312.467.1000

N:\021002.DWG ... \UDUC\002.DWG ... \VRS\01\002.DWG ... \NFS\004\1\002.DWG ... \CONTRACT\VA VETERAN ACRES PARK WALL\SHEET\002\MCHENRY.SHT
 4-21-2011 12:55:53

GENERAL NOTES

- No field welding is permitted except as specified in the contract documents.
- Reinforcement bars shall conform to the requirements of ASTM A 706 Grade 60. See Special Provisions.
- Reinforcement bars designated (E) shall be epoxy coated.
- The Contractor is responsible for the design and performance of the lagging using no less than a 3 in. nominal rough-sawn thickness and timber with a minimum allowable bending stress of 1,000 psi.
- The clear cover for reinforcement bars to the surface of concrete shall be 2" unless otherwise shown.
- Protective Coat shall be applied to the top and shared use path face of the parapet for the full length of the wall. Protective Coat shall also be applied to the top surface of the cantilever slab structure and approach slabs.
- Concrete Sealer shall be applied to the exposed front face of the retaining wall, parapet, and underside of the cantilever slab.

INDEX OF SHEETS

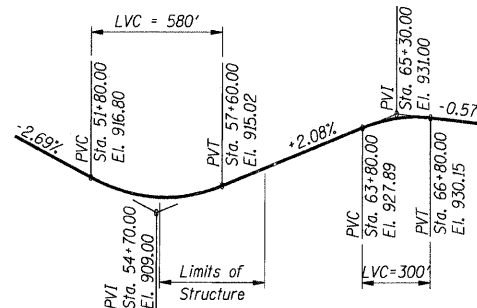
- SB-1 General Plan and Elevation
- SB-2 General Notes; Total Bill of Material
- SB-3 Plan and Elevation I; Sta. 54+85.02 to Sta. 56+05.62
- SB-4 Plan and Elevation II; Sta. 56+05.62 to Sta. 57+09.72
- SB-5 Plan and Elevation III; Sta. 57+09.72 to Sta. 58+29.23
- SB-6 Plan and Elevation IV; Sta. 58+29.23 to Sta. 59+50.00
- SB-7 Typical Sections and Details
- SB-8 Schedules And Details
- SB-9 Cantilevered Slab; Sections
- SB-10 Cantilevered Slab; Plan and Details
- SB-11 Bridge Approach Slab
- SB-12 Parapet Railing Details
- SB-13 Soil Boring Logs I
- SB-14 Soil Boring Logs II

TOTAL BILL OF MATERIAL

| ITEM | UNIT | TOTAL |
|--|-------|--------|
| Porous Granular Embankment | Cu Yd | 589 |
| Structure Excavation | Cu Yd | 94 |
| Concrete Structures | Cu Yd | 302.5 |
| Form Liner Textured Surface | Sq Ft | 3,953 |
| Protective Coat | Sq Yd | 344 |
| Stud Shear Connectors | Each | 1,056 |
| Untreated Timber Lagging | Sq Ft | 3,080 |
| Reinforcement Bars, Epoxy Coated | Pound | 46,500 |
| Parapet Railing | Foot | 465 |
| Furnishing Soldier Piles (W Section) | Foot | 1,302 |
| Drilled Shaft in Soil | Cu Yd | 20.9 |
| Concrete Sealer | Sq Ft | 4,716 |
| Geocomposite Wall Drain | Sq Yd | 280 |
| Pipe Underdrains for Structures 4" | Foot | 478 |
| Drilling and Setting Soldier Piles (in Soil) | Cu Ft | 5,540 |
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WALKUP ROAD HORIZONTAL CURVE DATA

| | |
|----------------------------------|----------------------------------|
| PROP. CURVE WALKPR-1 | PROP. CURVE WALKPR-2 |
| PI STA. = 56+89.22 | PI STA. = 58+90.69 |
| $\Delta = 1^\circ 59' 27''$ (LT) | $\Delta = 1^\circ 59' 27''$ (RT) |
| $D = 0^\circ 59' 16''$ | $D = 0^\circ 59' 19''$ |
| $R = 5,800.00'$ | $R = 5,796.18'$ |
| $T = 100.78'$ | $T = 100.71'$ |
| $L = 201.54'$ | $L = 201.40'$ |
| $E = 0.88'$ | $E = 0.87'$ |
| P.C. STA. = 55+88.44 | P.C. STA. = 57+89.98 |
| P.T. STA. = 57+89.98 | P.T. STA. = 59+91.38 |



PROFILE GRADE

(Along \mathcal{C} & PGL of Walkup Road)

Note:
1. Work this sheet with sheets SB-1 thru SB-14.

SHT. SB-2

| REVISIONS | |
|-----------|------|
| NAME | DATE |
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MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085
SECTION 00-00246-02-FP
STATION 54+85.02 TO 59+49.91
VETERAN ACRES PARK RETAINING WALL

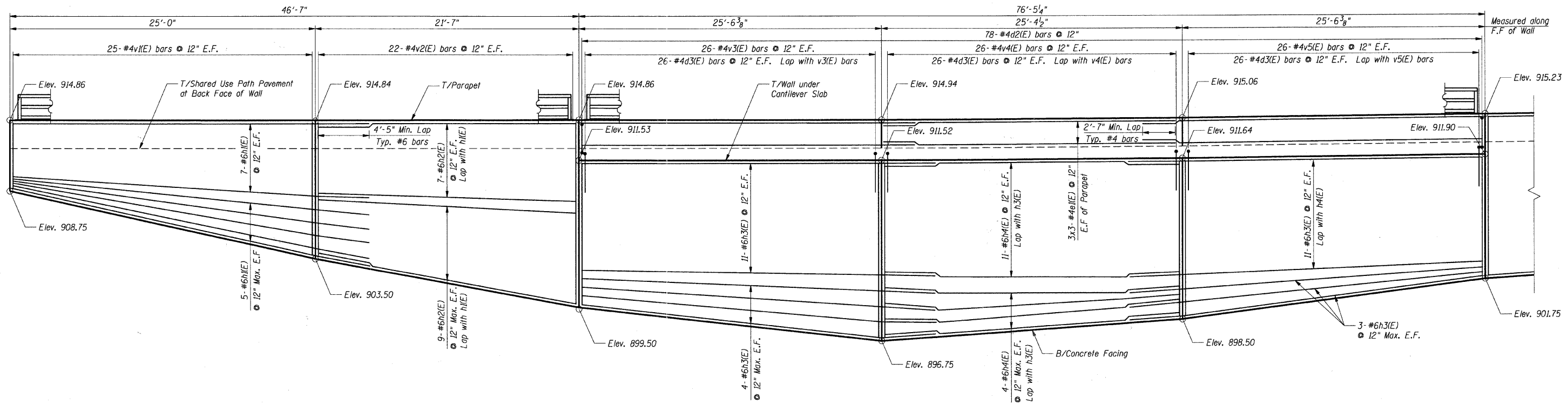
GENERAL NOTES TOTAL BILL OF MATERIAL

SCALE: N.T.S. DRAWN BY: CPB
DATE: 04/15/11 CHECKED BY: TCG

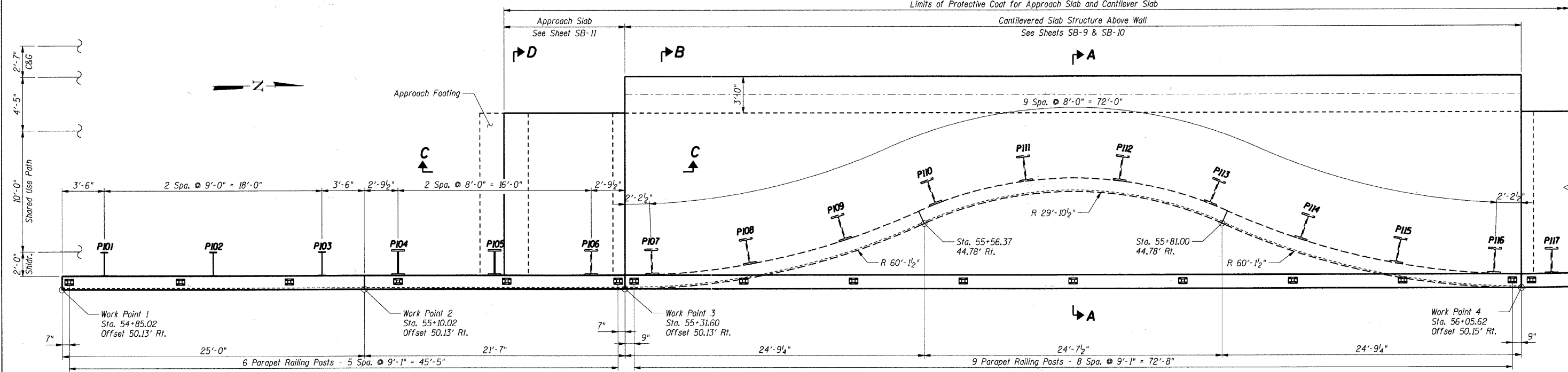
TENG

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
200 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312-640-9000

| | | | |
|--------------------------------|---------|--------------------|-----------|
| F.A.I. SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0085 00-00246-02-FP | MCHENRY | 292 | 197 |
| STA. TO STA. | | FED. AID PROJECT | |
| FED. ROAD DIST. NO. 1 ILLINOIS | | CONTRACT NO: 63522 | |



ELEVATION



PLAN

- Notes:**
1. Work this sheet with sheets SB-1 thru SB-14.
 2. F.F. denotes Front Face of wall
B.F. denotes Back Face of wall
 3. PI01 denotes Pile Number
 4. Bars indicated thus 5x2-#4 etc. indicates 5 lines of bars with 2 lengths per line.

SHT. SB-3

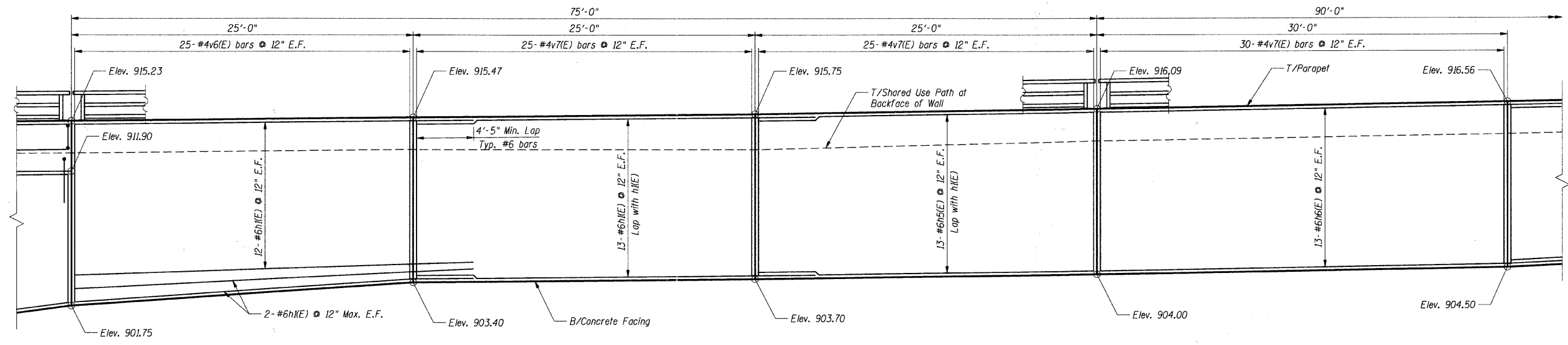
| REVISIONS | NAME | DATE |
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MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085
SECTION 00-00246-02-FP
STATION 54+85.02 TO 59+49.91
VETERAN ACRES PARK RETAINING WALL
PLAN AND ELEVATION
STA 54+85.02 TO STA 56+05.62
SCALE: 1/4" = 1'-0"
DATE: 04/15/11
DRAWN BY: CPB
CHECKED BY: TCG

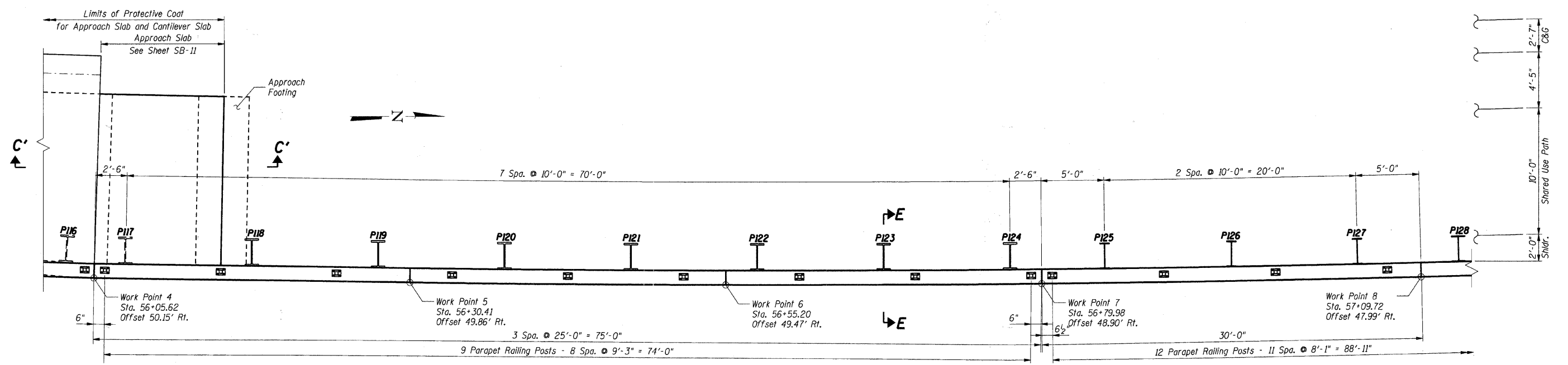
TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
815 N. MICHIGAN AVE. CHICAGO, IL 60611
TEL: 312.587.8000

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| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0085 | 00-00246-02-FP | MCHENRY | 292 | 198 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT | | |
| CONTRACT NO: 63522 | | | | |



ELEVATION



PLAN

- Notes:**
- Work this sheet with sheets SB-1 thru SB-14.
 - F.F. denotes Front Face of wall
 - B.F. denotes Back Face of wall
 - P101 denotes Pile Number

SHT. SB-4

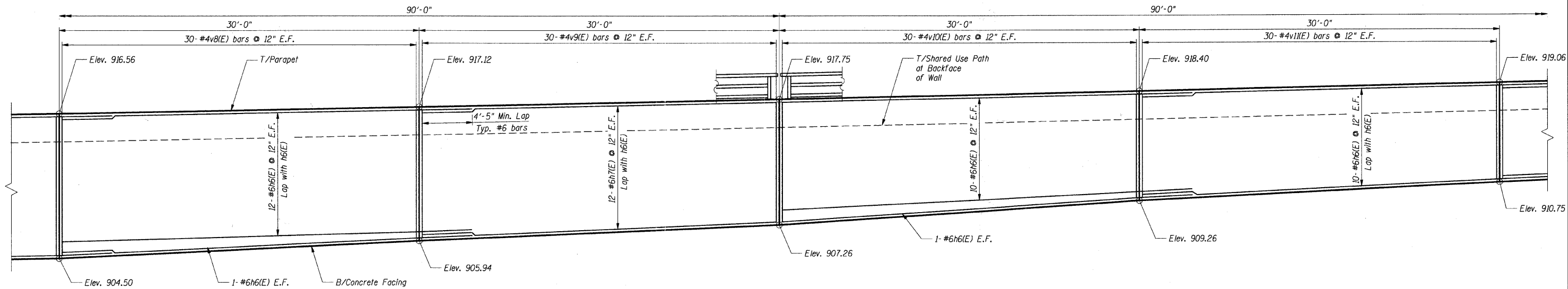
| REVISIONS | |
|-----------|------|
| NAME | DATE |
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MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085
SECTION 00-00246-02-FP
STATION 54+85.02 TO 59+49.91
VETERAN ACRES PARK RETAINING WALL
PLAN AND ELEVATION
STA 56+05.62 TO STA 57+09.72
SCALE: 1/4" = 1'-0"
DATE: 04/15/11
DRAWN BY: CPB
CHECKED BY: TCC

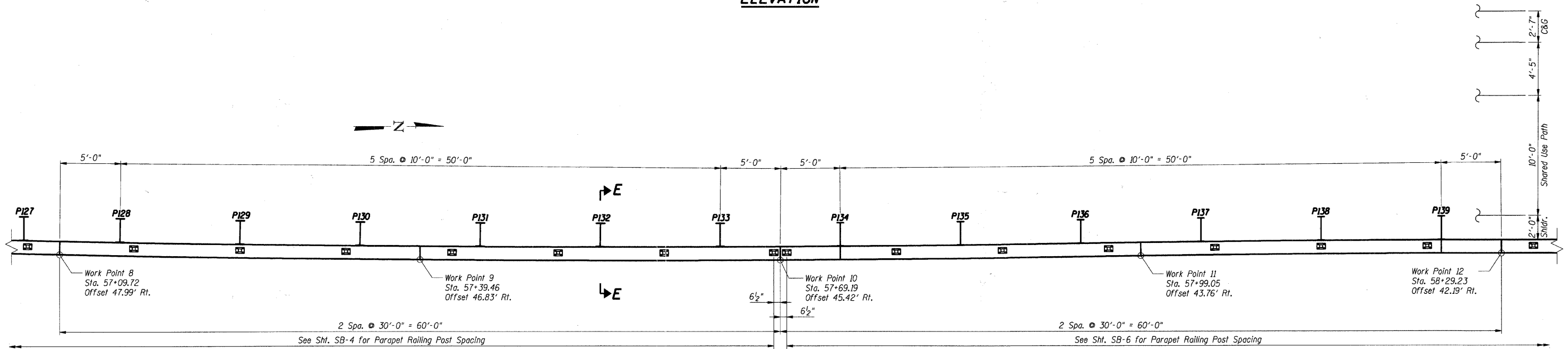
TENG
TENG & ASSOCIATES, INC.
ENGINEERS ARCHITECTS PLANNERS
215 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312.467.2000

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TRANSPORTATION DIVISION
VETERAN ACRES PARK RETAINING WALL SHEET SB-4

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| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0085 | 00-00246-02-FP | MCHENRY | 292 | 199 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 1 | | ILLINOIS FED. AID PROJECT | | |
| CONTRACT NO: 63522 | | | | |



ELEVATION



PLAN

Notes:

1. Work this sheet with sheets SB-1 thru SB-14.
2. F.F. denotes Front Face of wall
3. B.F. denotes Back Face of wall
4. P101 denotes Pile Number

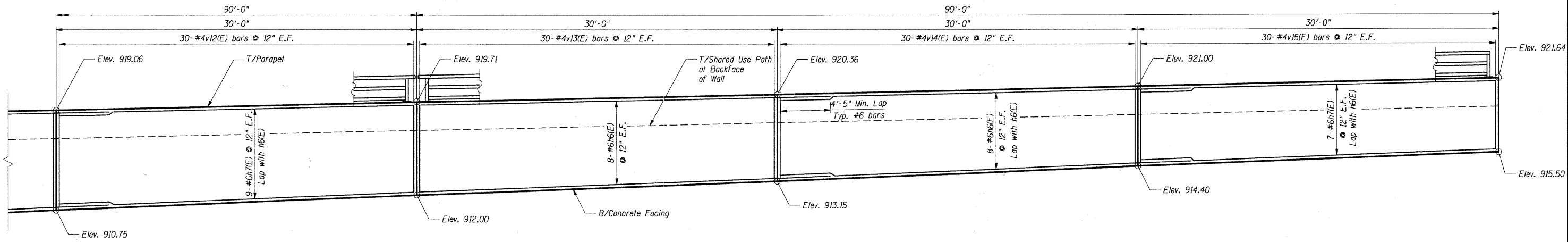
SHT. SB-5

| REVISIONS | |
|-----------|------|
| NAME | DATE |
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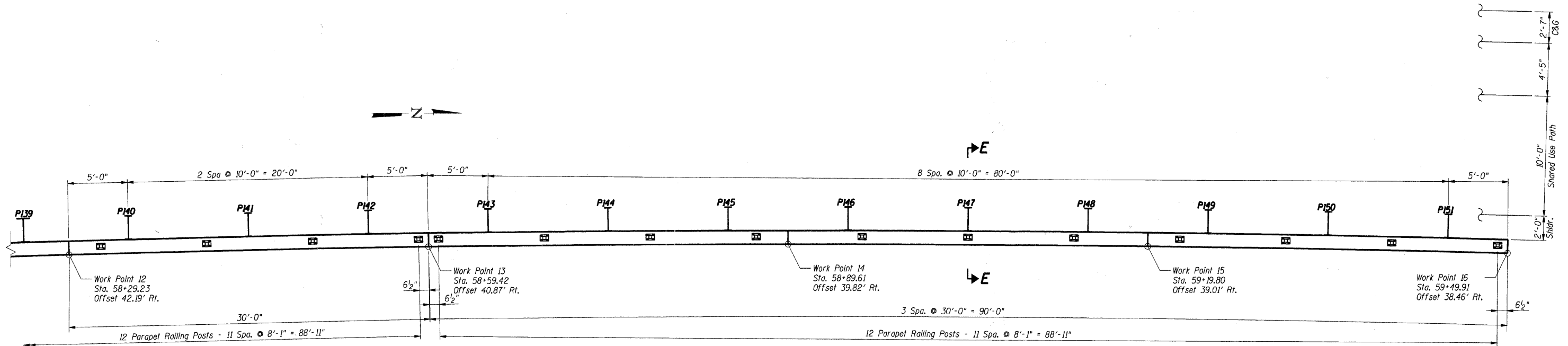
MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085
SECTION 00-00246-02-FP
STATION 54+85.02 TO 59+49.91
VETERAN ACRES PARK RETAINING WALL
PLAN AND ELEVATION
STA 57+09.72 TO STA 58+29.23
SCALE: 1/4" = 1'-0"
DATE: 04/15/11
DRAWN BY: CPB
CHECKED BY: TCG
TENG
TENG & ASSOCIATES, INC.
ENGINEERING ARCHITECTURE PLANNERS
215 N. MICHIGAN AVE. CHICAGO, IL 60611
TEL: 312.953.8800

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DATE: 04/15/11 10:00 AM
DRAWN BY: CPB
CHECKED BY: TCG
PLOT: 04/15/11 10:00 AM
PLOTTER: HP DesignJet 5000PS

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|-----------------------|----------------|------------------|--------------|-----------|
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 0085 | 00-00246-02-FP | MCHENRY | 292 | 200 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT | | |
| CONTRACT NO: 63522 | | | | |



ELEVATION



PLAN

Notes:

1. Work this sheet with sheets SB-1 thru SB-14.
2. F.F. denotes Front Face of wall
B.F. denotes Back Face of wall
3. P101 denotes Pile Number

SHT. SB-6

| REVISIONS | |
|-----------|------|
| NAME | DATE |
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MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085
SECTION 00-00246-02-FP
STATION 54+85.02 TO 59+49.91
VETERAN ACRES PARK RETAINING WALL
PLAN AND ELEVATION
STA 58+29.23 TO STA 59+50.00
SCALE: 1/4" = 1'-0"
DATE: 04/15/11
DRAWN BY: CPB
CHECKED BY: TCG

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
205 N. MICHIGAN AVE., CHICAGO, IL 60601
TEL: (312) 644-6000

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