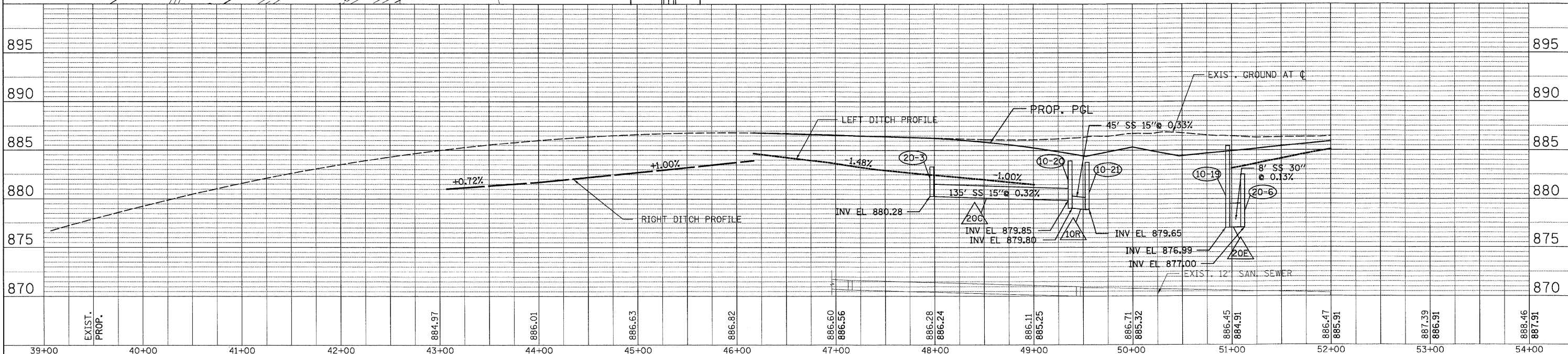
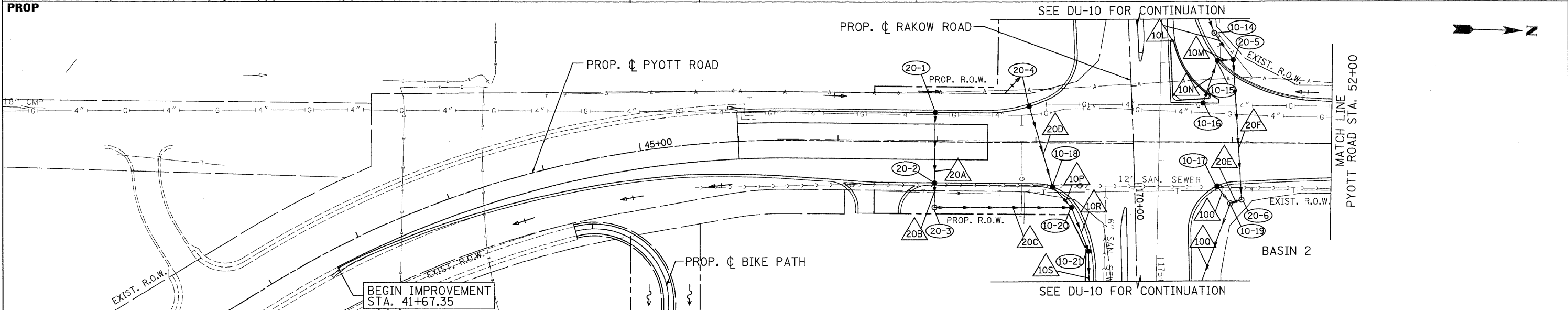
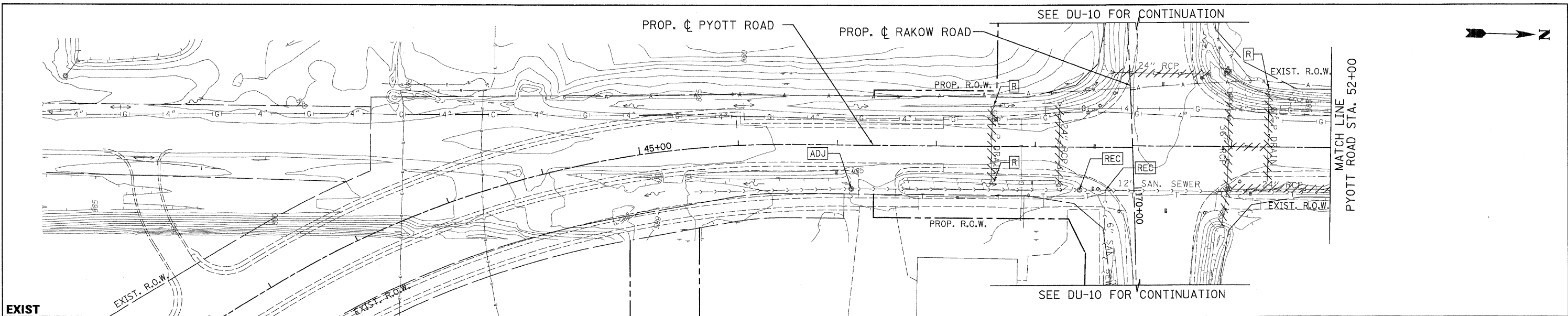


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	STRUCTURE NOTATIONS CHKD	
	NOTE BOOK	
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PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NOTE BOOK	
	NO.	



39+00	40+00	41+00	42+00	43+00	44+00	45+00	46+00	47+00	48+00	49+00	50+00	51+00	52+00	53+00	54+00
	EXIST. PROP.			884.97	886.01	886.63	886.82	886.60 886.56	886.28 886.24	886.11 885.25	886.71 885.32	886.45 884.91	886.47 885.91	887.39 886.91	886.46 887.91



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 PLOT DATE = 7/29/2010 8:52:47 AM

DESIGNED - D. DOERFLER
 DRAWN - J. MACKE
 CHECKED - E. CHOW
 DATE - 8/2/2010



MCHENRY COUNTY
DIVISION OF TRANSPORTATION

RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
DRAINAGE AND UTILITIES

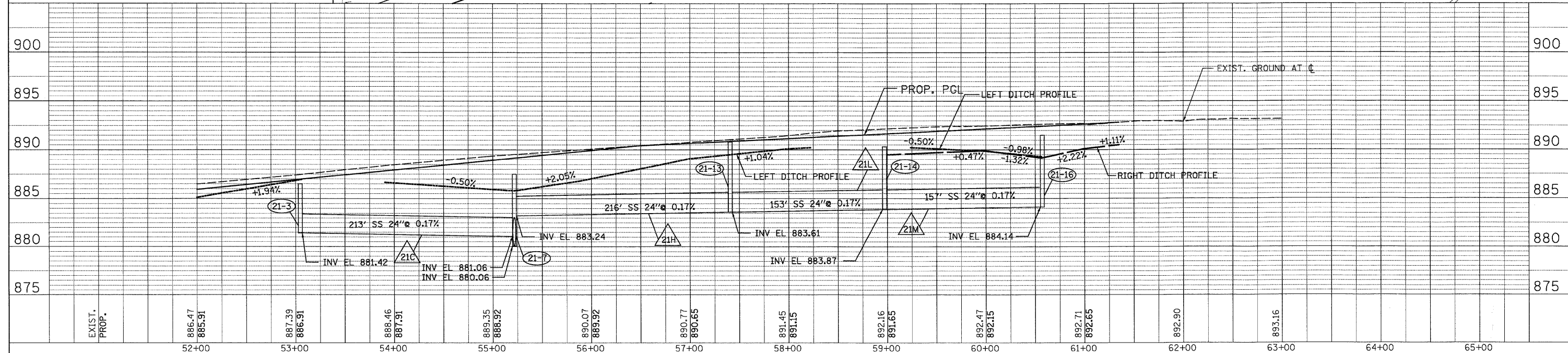
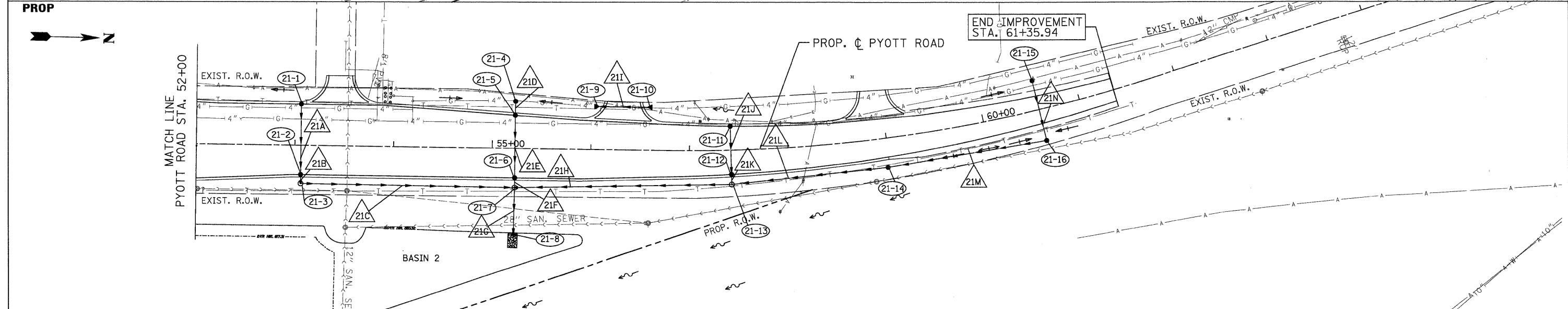
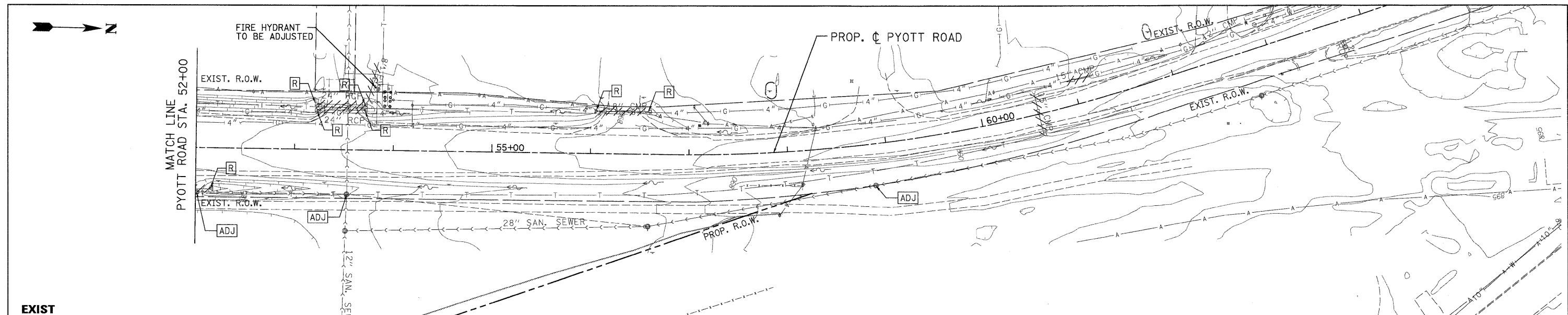
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
0336	05-00308-00-WR	MCHENRY	606
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO.	SHEET NO.
		63398	203

SCALE: 1"=50' SHEET NO. DU 20 OF 47 STA. 40+60.09 TO STA. 52+00

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EXIST. PROP.	886.47	885.91	887.39	886.91	888.46	887.91	889.35	888.92	890.07	889.92	890.77	890.65	891.45	891.15	892.16	891.65	892.47	892.15	892.71	892.65	892.90	893.16
	52+00	53+00	54+00	55+00	56+00	57+00	58+00	59+00	60+00	61+00	62+00	63+00	64+00	65+00								



USER NAME = j_macke@chicago.ri
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DESIGNED - D. DOERFLER
 DRAWN - J. MACKE
 CHECKED - E. CHOW
 DATE - 8/2/2010

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**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

**RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
 DRAINAGE AND UTILITIES**

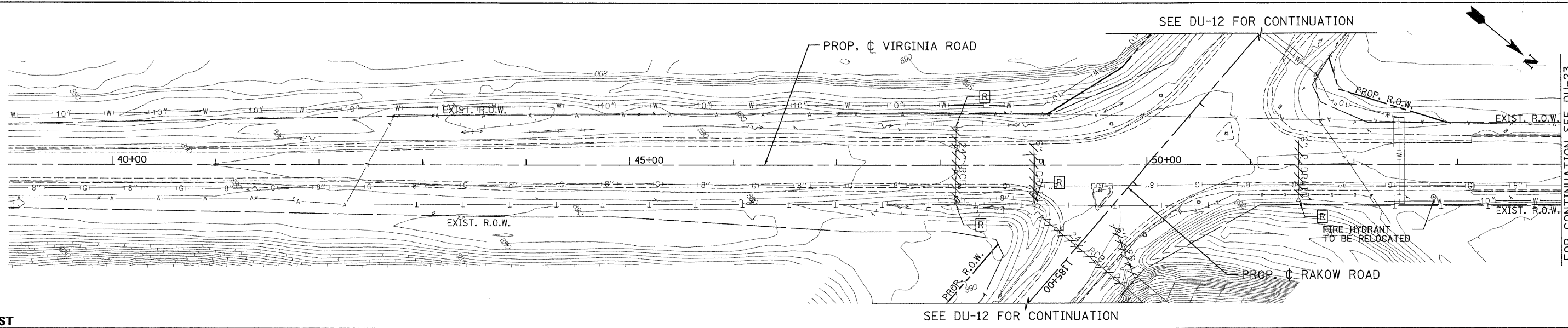
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0336	05-00308-00-WR	MCHENRY	606	204
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 63398				

SCALE: 1"=50' SHEET NO. DU 21 OF 47 STA. 52+00 TO STA. 61+35.94

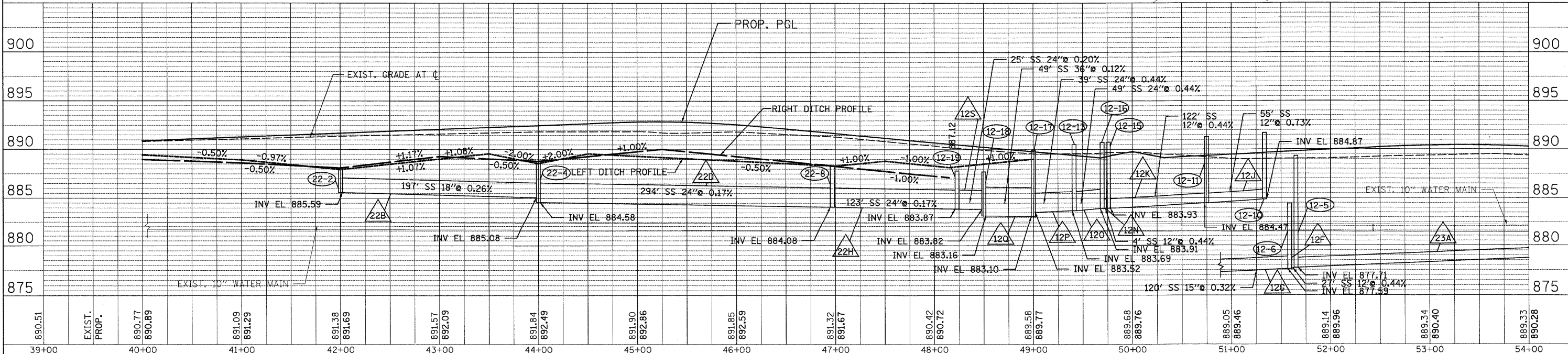
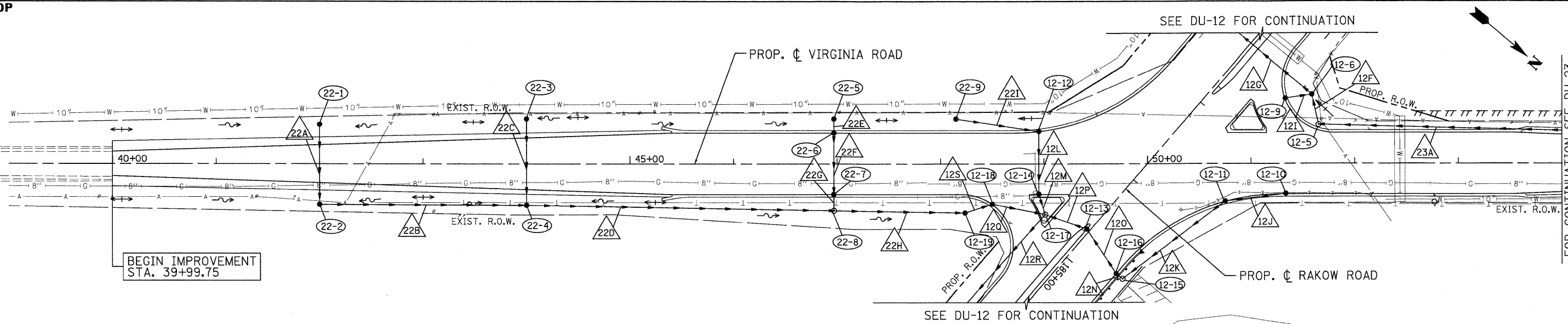
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 NOTE BOOK: _____
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 SURVEYED: _____
 PLOTTED: _____
 CHECKED: _____
 NOTE BOOK: _____
 STRUCTURE NOTATIONS SHOWN: _____
 NO.: _____



**EXIST
PROP**



890.51	EXIST. PROP.	890.77	890.89	891.09	891.29	891.38	891.69	891.57	892.09	891.84	892.49	891.90	892.86	891.85	892.59	891.32	891.67	890.42	890.72	889.58	889.77	889.68	889.76	889.05	889.46	889.14	889.96	889.34	890.40	889.33	890.28
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DESIGNED - D. DOERFLER
 DRAWN - J. MACKE
 CHECKED - E. CHOW
 DATE - 8/2/2010

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**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
DRAINAGE AND UTILITIES**

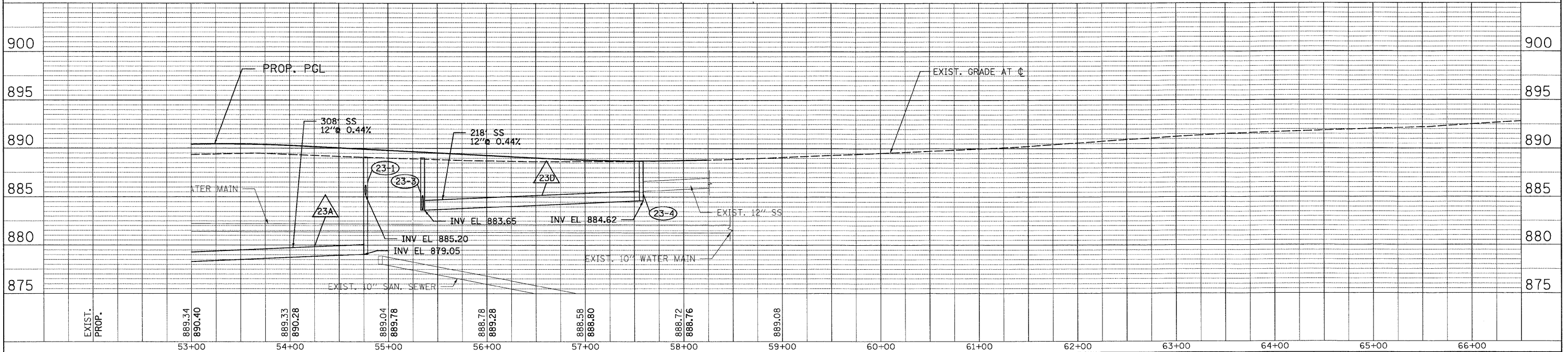
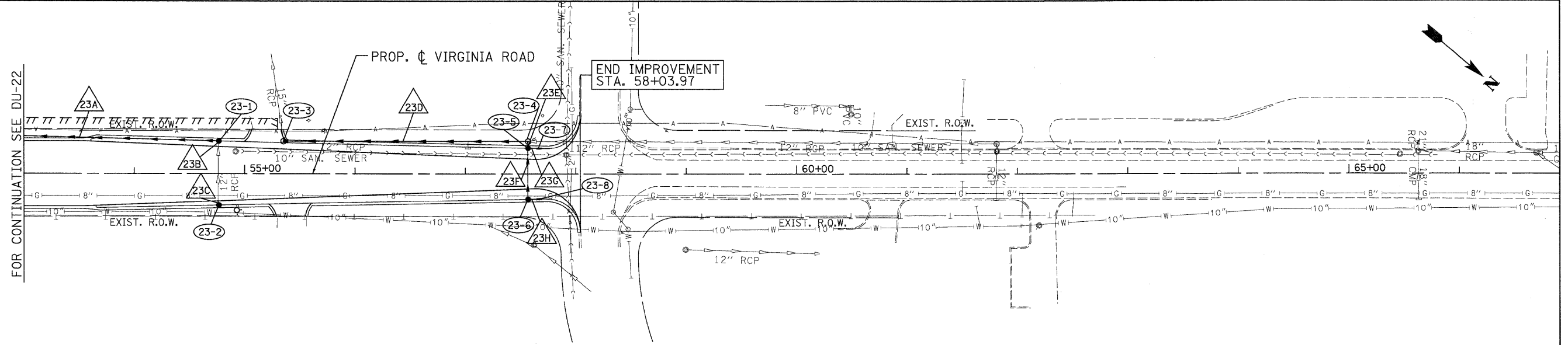
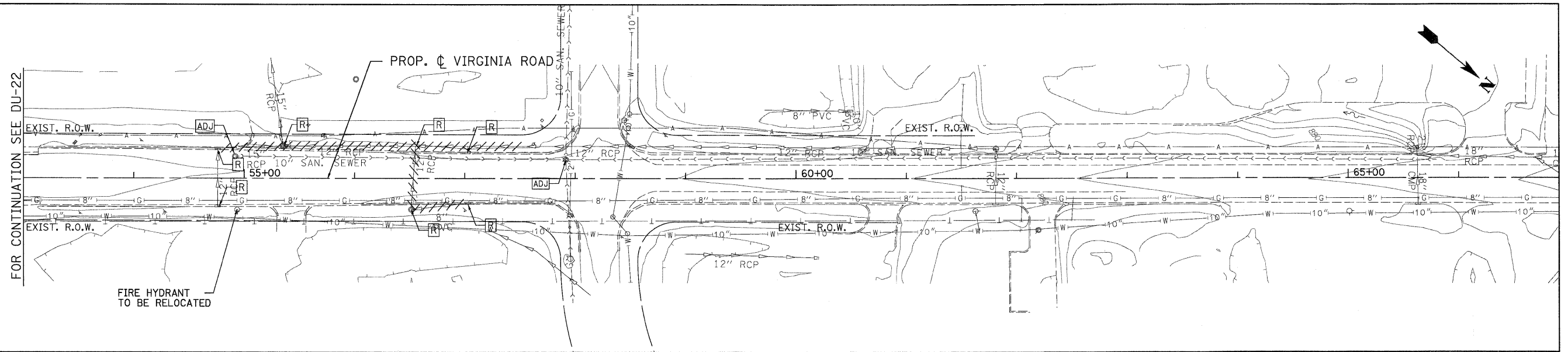
F.A. RTE. 0336 SECTION 05-00308-00-WR COUNTY MCHENRY TOTAL SHEET NO. 606 205 CONTRACT NO. 63398
 ILLINOIS FED. AID PROJECT

SCALE: 1"=50' SHEET NO. DU 22 OF 47 STA. 39+99.75 TO STA. 54+00

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STRUCTURE NOTATIONS CHKD	

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STRUCTURE NOTATIONS CHKD	

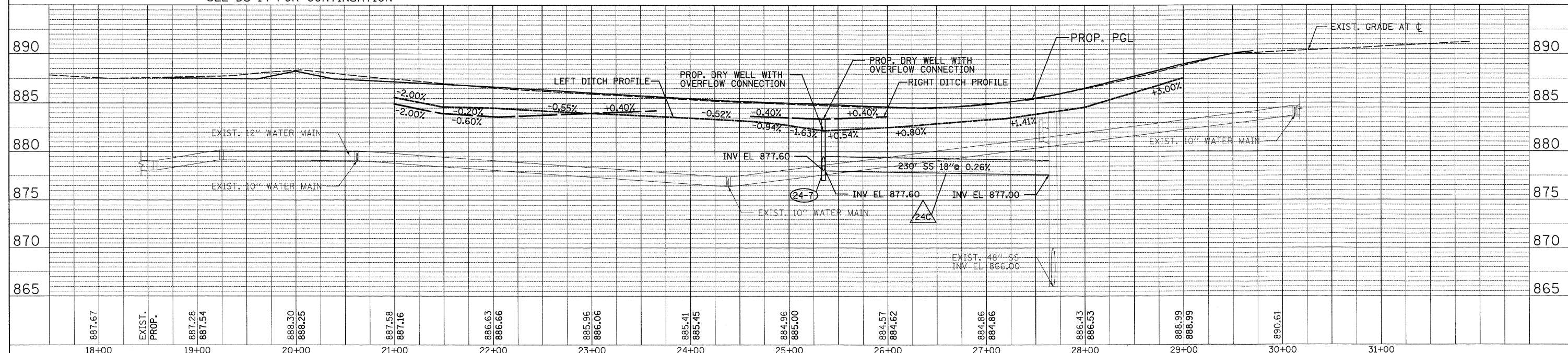
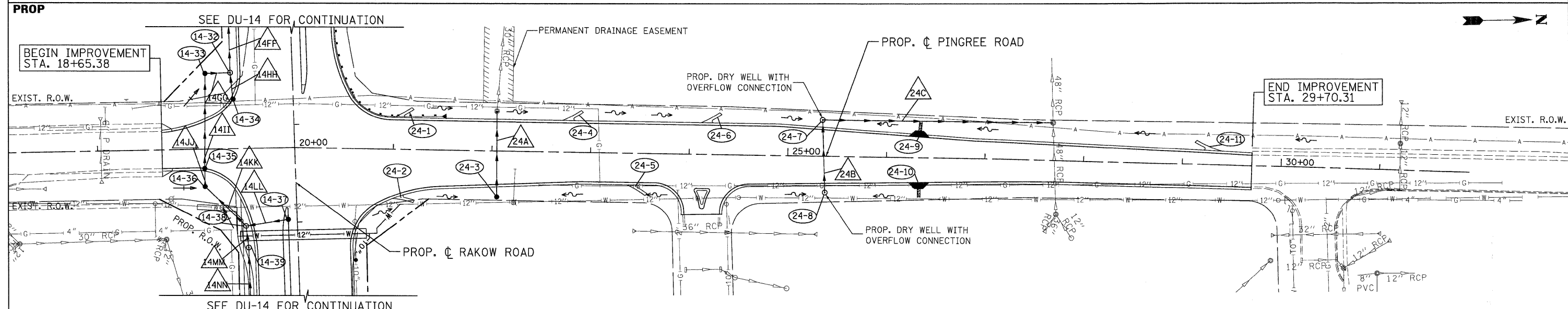
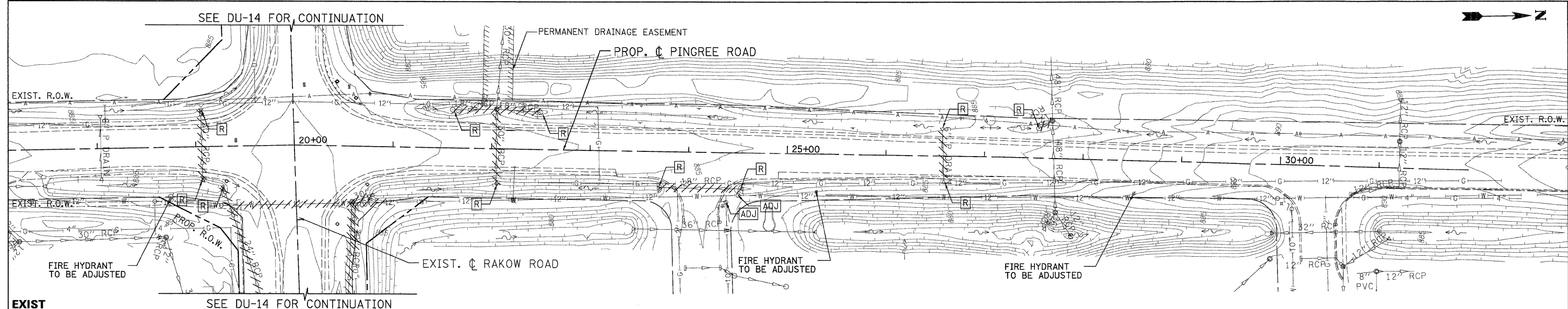


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	FOR CONTINUATION SEE DU-22								

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887.67	EXIST. PROP.	887.28 887.54	888.30 888.25	887.58 887.16	886.63 886.66	885.96 886.06	885.41 885.45	884.96 885.00	884.57 884.62	884.86 884.86	886.43 886.53	888.99 888.99	890.61	890
18+00		19+00	20+00	21+00	22+00	23+00	24+00	25+00	26+00	27+00	28+00	29+00	30+00	31+00



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 PLOT DATE = 7/29/2010 8:53:12 AM

DESIGNED - D. DOERFLER
 DRAWN - J. MACKE
 CHECKED - E. CHOW
 DATE - 8/2/2010



**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

**RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
 DRAINAGE AND UTILITIES**

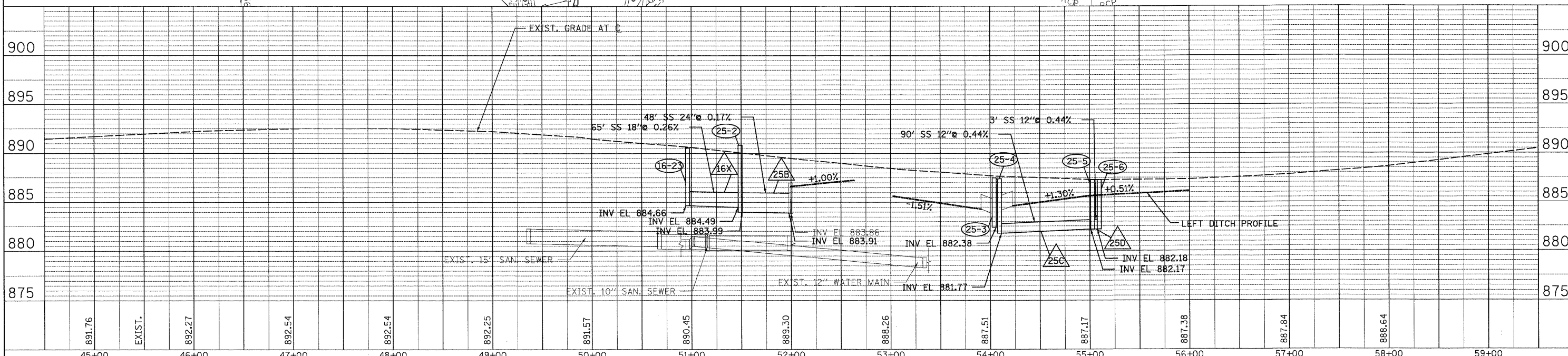
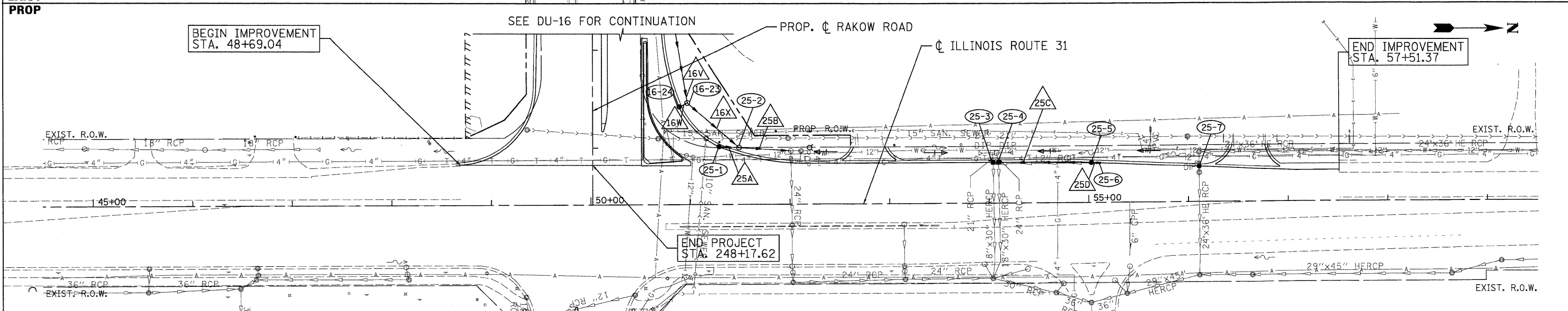
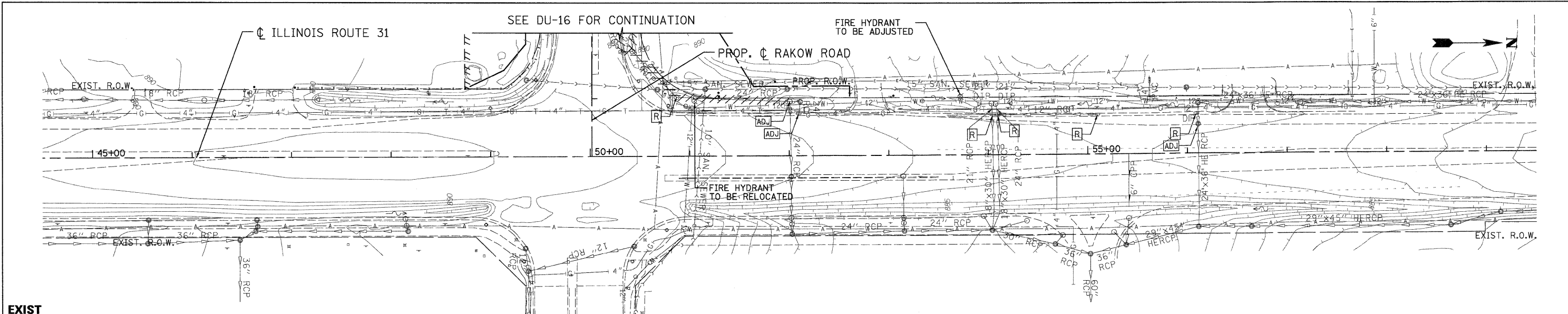
F.A. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 207
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 63398		

SCALE: 1"=50' SHEET NO. DU 24 OF 47 STA. 18+65.38 TO STA. 29+70.31

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GRADES CHECKED	
STRUCTURE NOTATIONS	
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891.76	EXIST.	892.27	892.54	892.54	892.25	891.57	890.45	889.30	888.26	887.51	887.17	887.38	887.84	888.64	
45+00		46+00	47+00	48+00	49+00	50+00	51+00	52+00	53+00	54+00	55+00	56+00	57+00	58+00	59+00



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DESIGNED - D. DOERFLER
 DRAWN - J. MACKE
 CHECKED - E. CHOW
 DATE - 8/2/2010

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 REVISED -



MCHENRY COUNTY
 DIVISION OF TRANSPORTATION

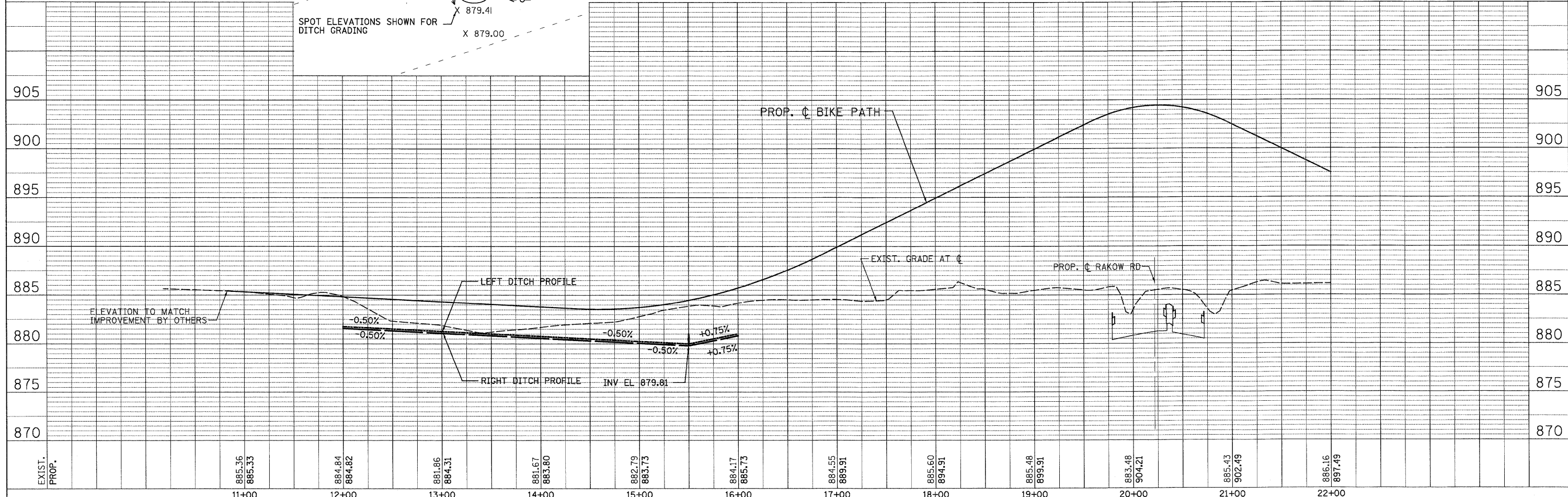
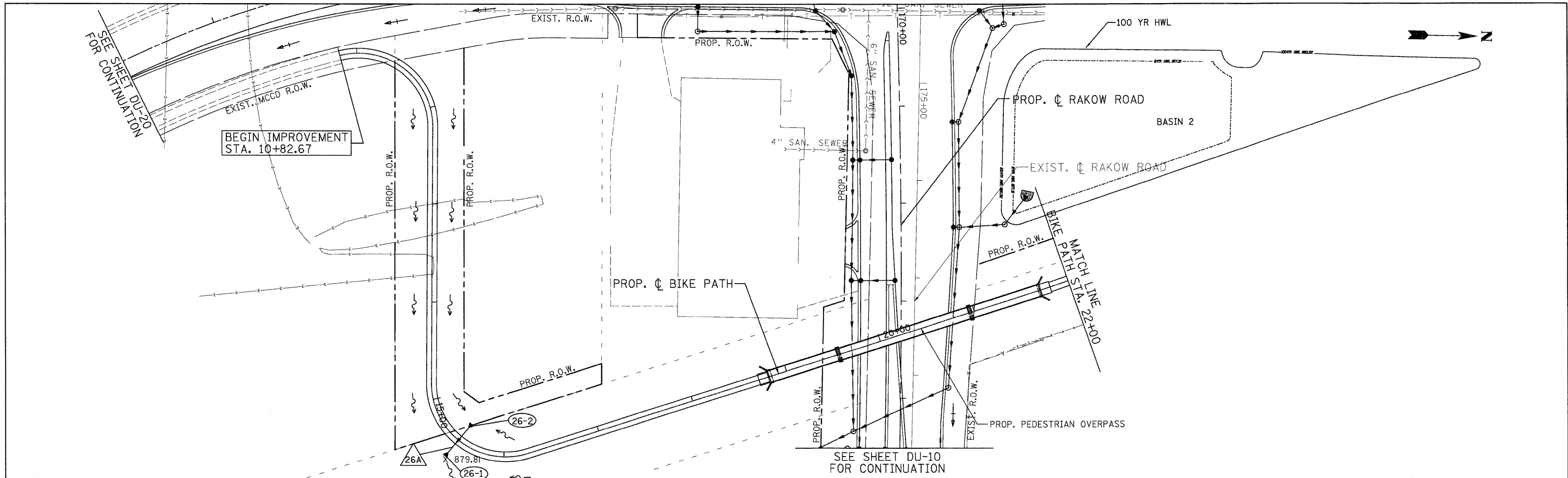
RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
 DRAINAGE AND UTILITIES
 SCALE: 1"=50'
 SHEET NO. DU 25 OF 47
 STA. 48+69.04 TO STA. 57+51.37

F.A. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 208
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 63398		

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PROFILE	SURVEYED	DATE
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	REVISIONS	
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	NOTE BOOK	
	NO.	
	STRUCTURE NOTATIONS	



EXIST. PROP.	885.36 885.33	884.84 884.82	881.86 884.31	881.67 883.80	882.79 883.73	884.17 885.73	884.55 889.91	885.60 894.91	885.48 899.91	883.48 904.21	885.43 902.49	886.16 897.49
	11+00	12+00	13+00	14+00	15+00	16+00	17+00	18+00	19+00	20+00	21+00	22+00



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DESIGNED - EYC
 DRAWN - EYC
 CHECKED - ADJ
 DATE - 8/2/2010

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MCHENRY COUNTY
 DIVISION OF TRANSPORTATION

RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
 BIKE PATH DRAINAGE AND UTILITIES

SCALE: 1"=50'

SHEET NO. DU 26 OF 47

STA. TO STA.

F.A.P. RTE. NO. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 209
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT CONTRACT NO. 63398		

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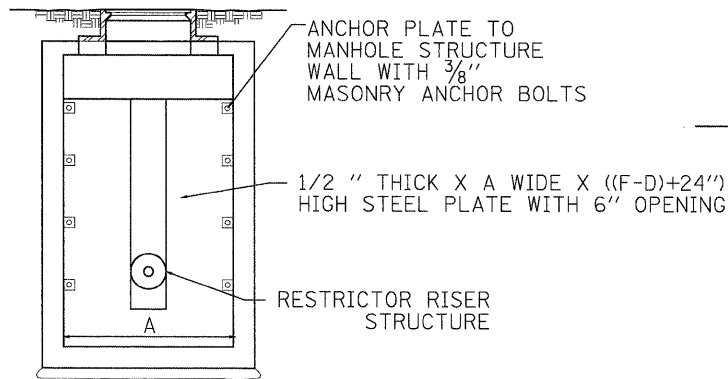
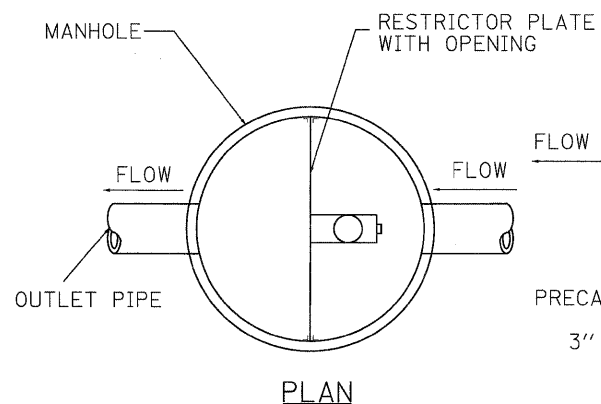
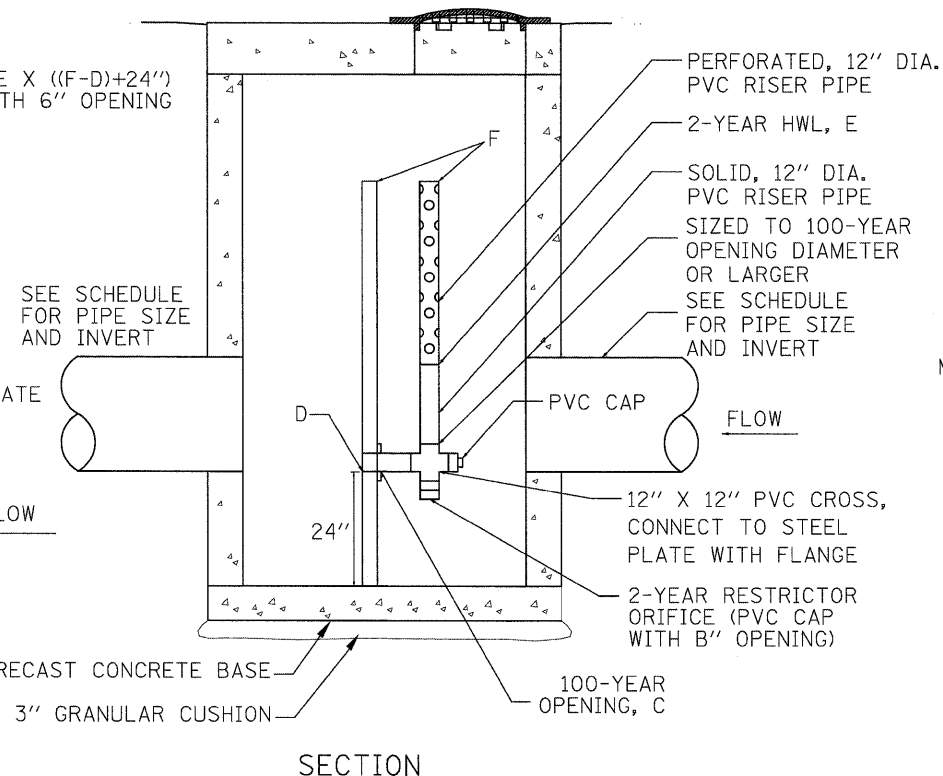


PLATE ELEVATION VIEW



PLAN



SECTION

RESTRICTOR MANHOLE STYLE A

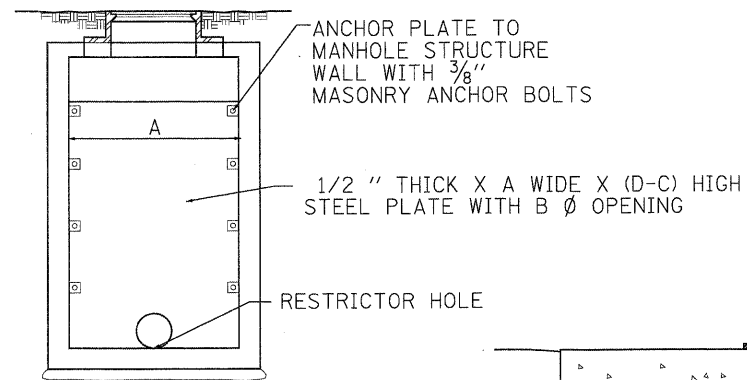
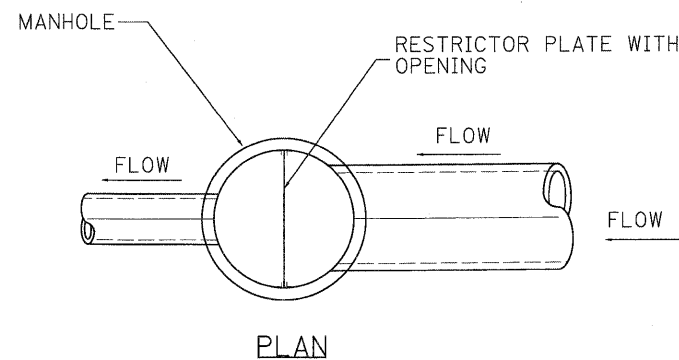
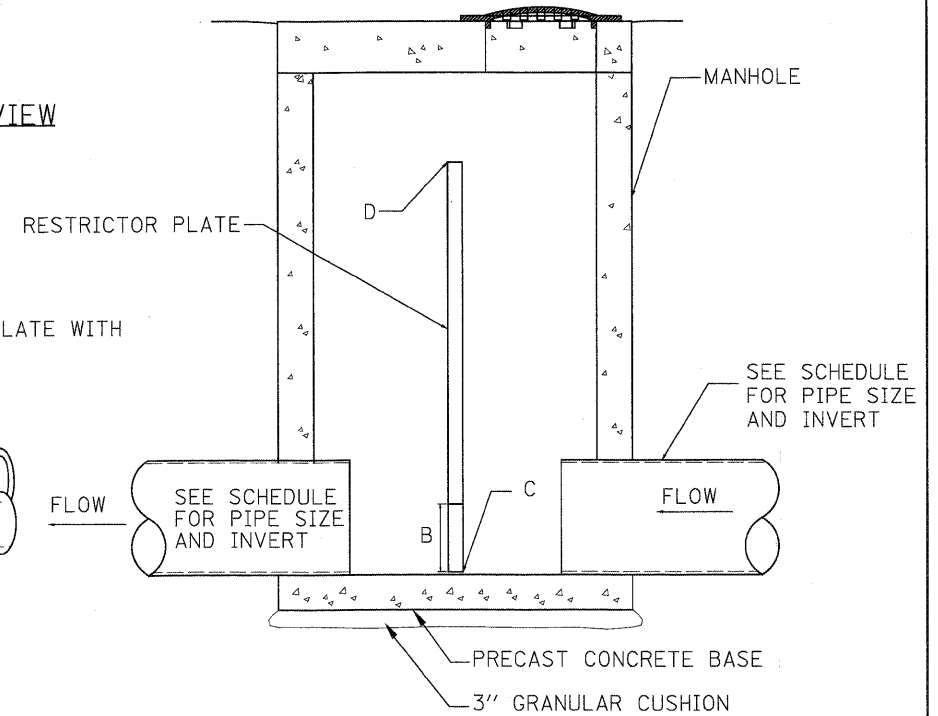


PLATE ELEVATION VIEW



PLAN



SECTION

RESTRICTOR MANHOLE STYLE B

RESTRICTOR MANHOLE STYLE A TABLE											
STRUCTURE No.	RESTRICTOR No.	MANHOLES, SPECIAL, TYPE No.	STATION	OFFSET	MANHOLE WIDTH AT PLATE (FT.) A	2-YR RESTRICTOR DIAMETER (IN.) B	100-YR OPENING DIAMETER (IN.) C	INVERT OF 2-YR OPENING D	2-YEAR HWL ELEVATION E	ELEVATION OF TOP OF PLATE / RISER OVERFLOW F	
1-6	1	2	89+17.85	70.65	LT	6	10	12	867.21	868.91	872.38
2-4	2	2	91+72.00	64.00	LT	6	10	12	871.96	873.62	877.05
4-32	3	3	111+36.76	146.16	LT	7	6.5	10	865.00	868.51	870.29
8-18	4	2	141+10.00	51.00	RT	6	10	12	880.57	882.42	885.57
10-28	5	3	172+22.55	105.07	LT	7	10	10	875.00	877.31	879.01
13-1	6	3	195+73.40	41.03	RT	7	10	12	881.37	883.44	887.50
13-4	7	3	195+93.40	40.98	RT	7	7.2	8.3	881.37	883.25	886.90
14-1	8	3	211+64.00	41.00	RT	7	2.6	2.9	875.11	877.17	881.31
15-31	12	3	236+50.00	64.00	LT	7	8.4	9.0	880.65	882.84	887.12
17-6	13	3	10+00.13	38.29	LT	7	9.7	12	890.70	891.78	894.38

RESTRICTOR MANHOLE STYLE B TABLE											
STRUCTURE No.	RESTRICTOR No.	MANHOLES, SPECIAL, TYPE No.	STATION	OFFSET	MANHOLE WIDTH AT PLATE (FT.) A	RESTRICTOR DIAMETER (IN.) B	INVERT OF RESTRICTOR C	ELEVATION OF TOP OF PLATE / RISER OVERFLOW D			
14-7	9	1	211+84.00	41.00	RT	6	19.1	873.52	879.94		
14-39	10	1	223+14.80	49.85	RT	6	13.3	876.81	883.18		
15-18	11	1	232+60.13	53.03	RT	6	12.5	877.45	883.61		

NOTE: PVC PIPE SHALL BE SDR 35, ASTM D-3034



USER NAME = jmaack@chicago.R
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 PLOT DATE = 7/29/2010

DESIGNED - D.DOERFLER
 DRAWN - D.DOERFLER
 CHECKED - E.CHOW
 DATE - 8/2/2010

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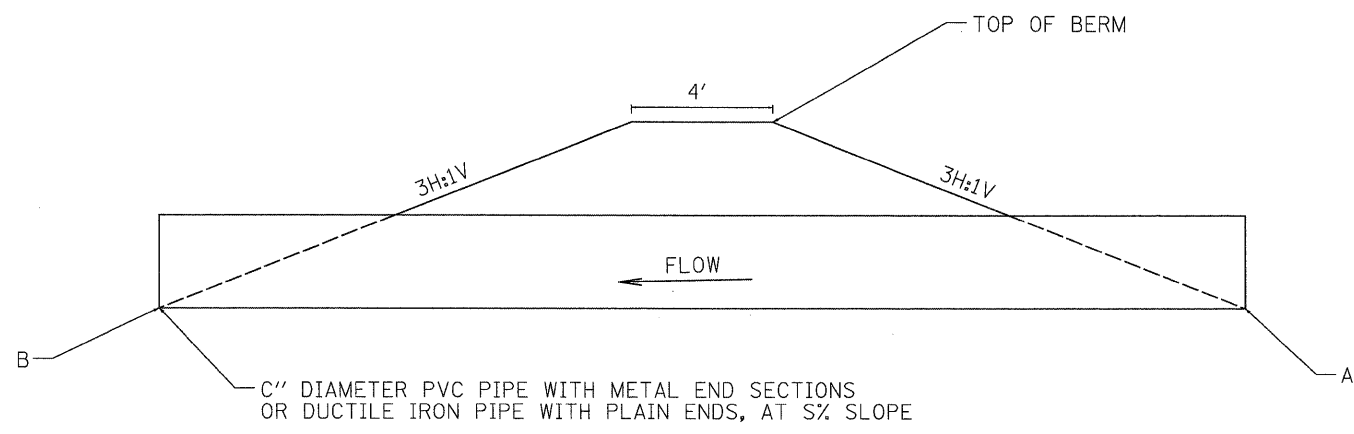


MCHENRY COUNTY
 DIVISION OF TRANSPORTATION

RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
 DRAINAGE DETAILS

SCALE: NA SHEET NO. DU 28 OF 47 STA. TO STA.

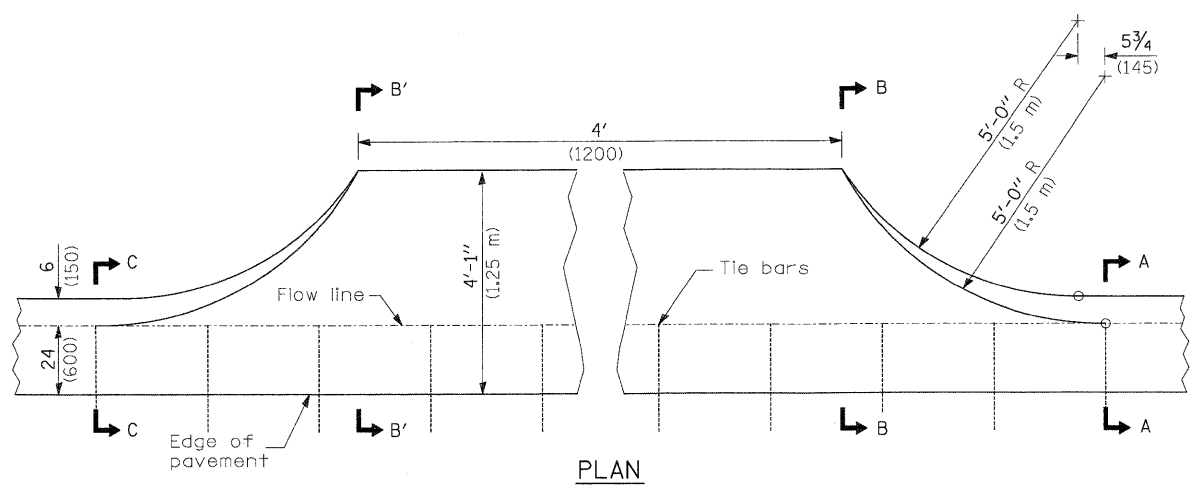
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0336	05-00308-00-WR	MCHENRY	606	211
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63398	



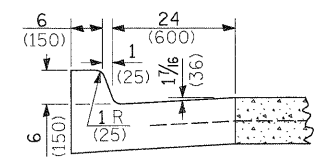
DITCH CHECK RESTRICTOR

DITCH CHECK RESTRICTOR TABLE								
RESTRICTOR No.	STATION	OFFSET		PIPE DIAMETER (IN.) C	TOP OF BERM ELEVATION	UPSTREAM INVERT ELEVATION A	DOWNSTREAM INVERT ELEVATION B	SLOPE (%) S
D-1	92+13	83.64	RT	8	874.22	872.86	872.82	0.30
D-2	114+00	95.90	LT	6	868.00	865.00	864.93	0.30
D-3	115+00	108.23	LT	6	870.67	865.3	865.19	0.30
D-4	126+00	85.05	LT	6	876.43	873.35	873.28	0.30
D-5	127+00	83.78	LT	6	878.46	874.49	874.41	0.30
D-6	129+00	84.36	LT	8	878.98	875.82	875.75	0.30
D-7	140+20	90.54	RT	12	873.78	872.06	872.02	0.30
D-8	163+10	86.05	RT	8	880.48	877.48	877.41	0.30

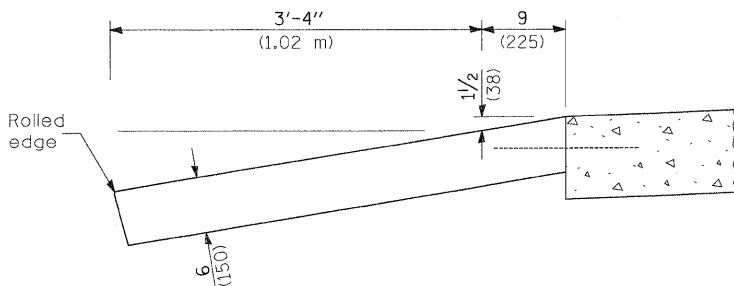
NOTE: PVC PIPE SHALL BE SDR 26, ASTM D-3034
DIP SHALL BE CLASS 50



PLAN



SECTIONS A-A & C-C



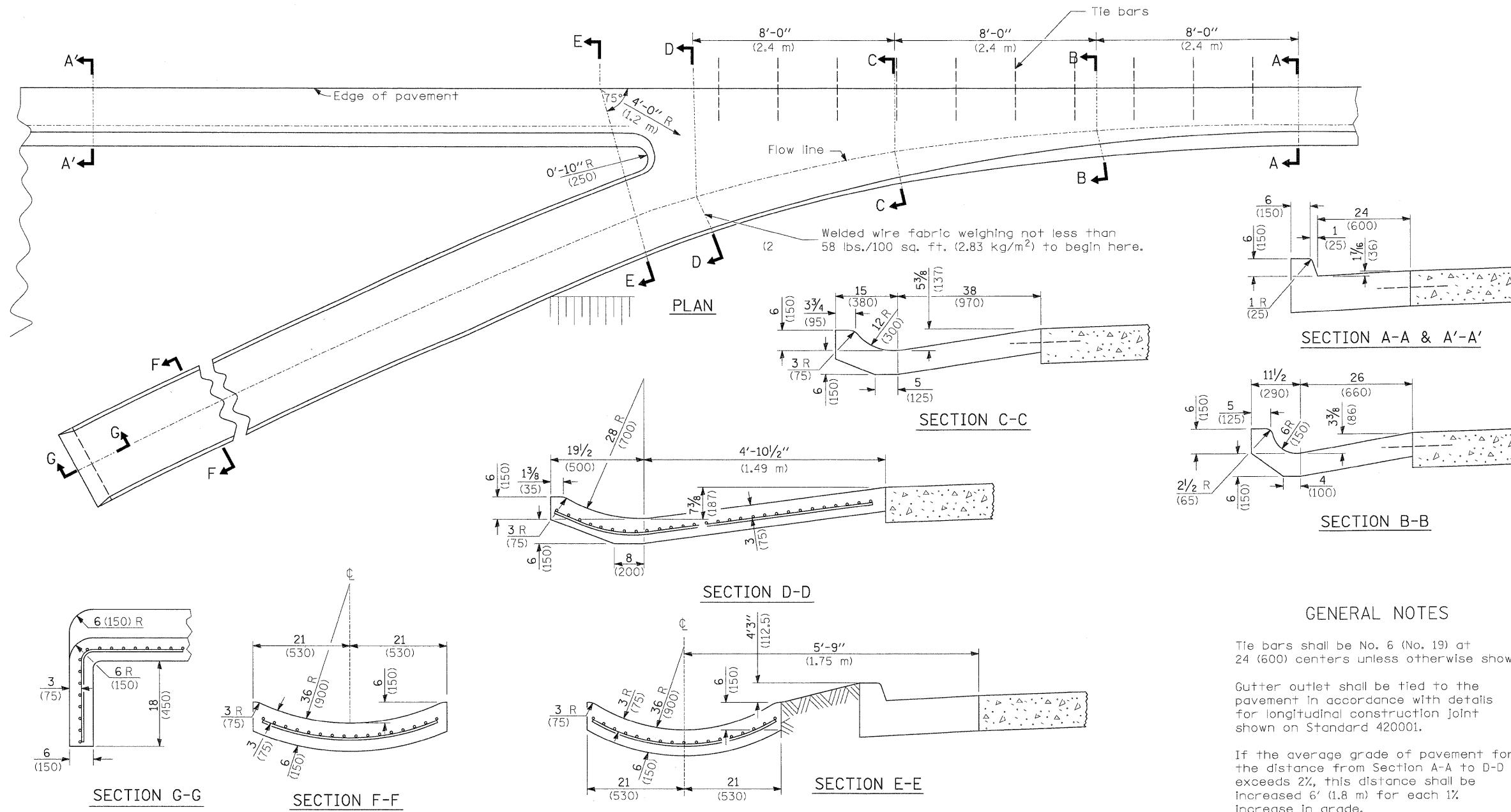
SECTIONS B-B & B'-B'

GUTTER SAG OUTLET

GENERAL NOTES

Tie bars shall be No. 6 (No. 19) at 24 (600) centers unless otherwise shown.
Gutter, gutter inlet, gutter outlet and gutter entrance shall be tied to the pavement in accordance with details for longitudinal construction joint shown on Standard 420001.
Two 1-1/4 x 18 (32 x 450) dowel bars shall be installed in all joints when the gutter is constructed adjacent to flexible pavement.
All dimensions are in inches (millimeters) unless otherwise shown.

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GENERAL NOTES

Tie bars shall be No. 6 (No. 19) at 24 (600) centers unless otherwise shown.

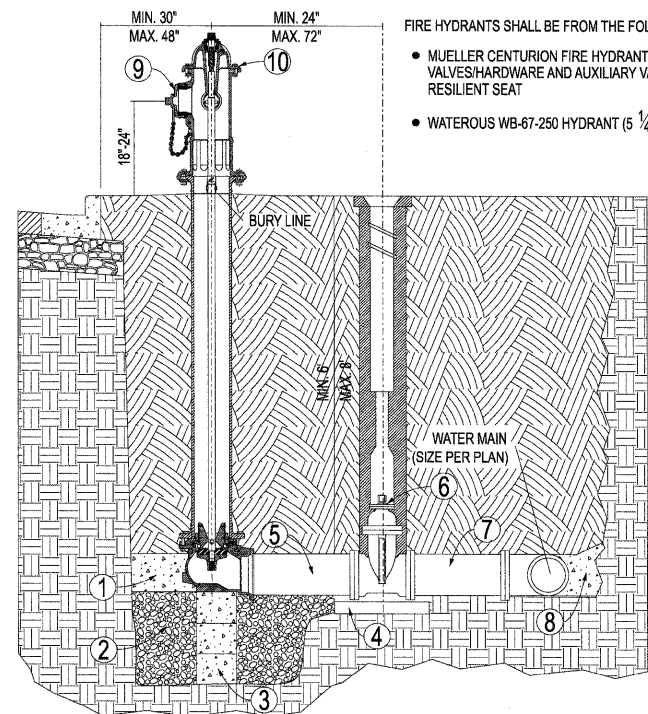
Gutter outlet shall be tied to the pavement in accordance with details for longitudinal construction joint shown on Standard 420001.

If the average grade of pavement for the distance from Section A-A to D-D exceeds 2%, this distance shall be increased 6' (1.8 m) for each 1% increase in grade.

All dimensions are in inches (millimeters) unless otherwise shown.

GUTTER TURNOUT

<p>PATRICK ENGINEERING INC. LISLE, ILLINOIS</p>	USER NAME = jnooke(Chicago_R) PLOT CONFIG = PDF(Grey_Large).plt PLOT SCALE = 1:50 PLOT DATE = 7/29/2010	DESIGNED - D.DOERFLER DRAWN - D.DOERFLER CHECKED - E.CHOW DATE - 8/2/2010	REVISED - REVISED - REVISED - REVISED -	<p>MCHENRY COUNTY DIVISION OF TRANSPORTATION</p>	<p>RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 DRAINAGE DETAILS</p>	F.A.P. RTE. 0336 SECTION 05-00308-00-WR COUNTY MCHENRY TOTAL SHEETS 606 SHEET NO. 213 CONTRACT NO. 63398	SCALE: 1"=50' SHEET NO. DU 30 OF 47 STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
	pr:\chicago\modot\2010\drawings\rdwy\shfts\dra\5_Dra_Details_3.dgn							

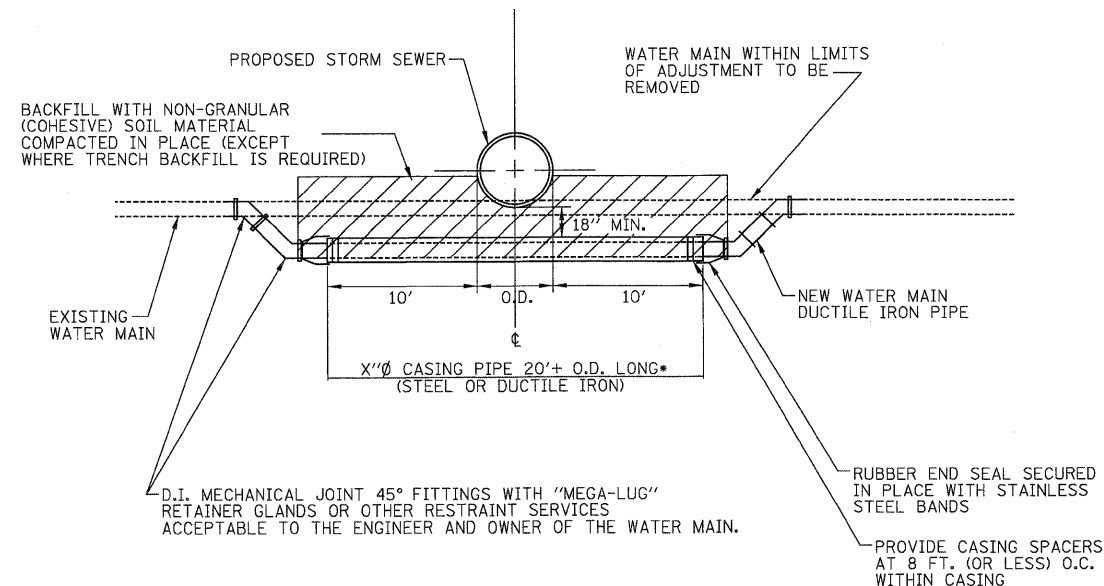


FIRE HYDRANTS SHALL BE FROM THE FOLLOWING LIST, AS APPROVED BY THE CITY:

- MUELLER CENTURION FIRE HYDRANT, OPT-094 (5 1/4" BARREL) WITH MUELLER VALVE HARDWARE AND AUXILIARY VALVE 6" GATE VALVE NO. 2360-23-9020 MODIFIED WEDGE RESILIENT SEAT
- WATEROUS WB-67-250 HYDRANT (5 1/4" PACER) WITH SERIES 2500-1 RESILIENT WEDGE GATE VALVE

- 1 PROVIDE CLASS S1 CONCRETE BASE AND BLOCKING AGAINST UNDISTURBED EARTH
- 2 DRAIN SUMP TO BE 3/4 CUBIC YARD OF 3/4" WASHED STONE
- 3 CONCRETE SUPPORT
- 4 CONCRETE BLOCK OR BRICK SUPPORT
- 5 PIPE AS REQUIRED TO MAINTAIN 24" SEPARATION AS SHOWN (DIRECT MECHANICAL JOINT CONNECTION IF APPROVED BY CITY)
- 6 RUBBER VALVE BOX STABILIZER
- 7 USE "CORTEN" STEEL TIE RODS BETWEEN AUXILIARY VALVE AND WATER MAIN (STAINLESS STEEL MAY BE REQUIRED BY THE CITY ENGINEER). ANY DISTANCE GREATER THAN 30" SHALL BE RODDED TO MEGA-LUG FLANGE. NO COUPLINGS ARE PERMITTED IN RODS.
- 8 CONCRETE BLOCKING CAST IN PLACE 3000 P.S.I.
- 9 4 1/2" PORT TO FACE PAVEMENT OR AS DIRECTED BY CITY ENGINEER
- 10 ALL NEWLY INSTALLED HYDRANTS MUST BE TOP COATED WITH RUST-OLEUM FIRE HYDRANT ENAMEL (COLOR = FIRE HYDRANT RED)
- 11 MIN. 48" BETWEEN HYDRANT AND ANY VERTICAL OBSTRUCTIONS.
- 12 MIN. 72" BETWEEN HYDRANT AND ANY LANDSCAPING WITH A MATURE HEIGHT GREATER THAN 12".
- 13 ALL VALVE AND HYDRANT HARDWARE MUST BE STAINLESS STEEL INCLUDING NUTS, BOLTS, AND WASHERS.

FIRE HYDRANT DETAIL



WATER MAIN ADJUSTMENT DETAIL

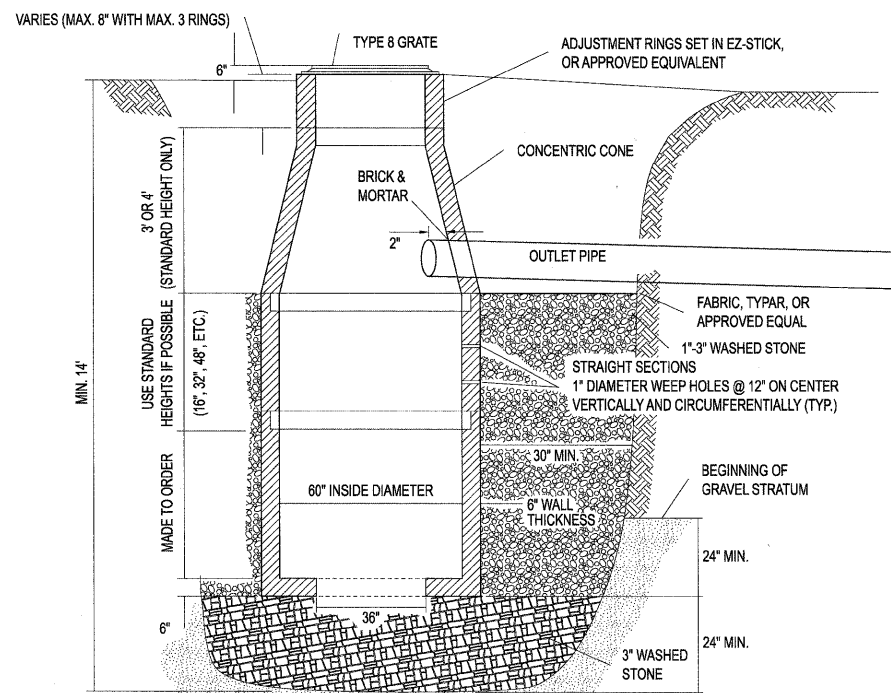
WATER MAIN CROSSING NOTES

CARRIER PIPE JOINTS LOCATED WITHIN THE CASING PIPE SHALL BE RESTRAINED

ADJUSTED WATER MAINS SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 18 INCHES BETWEEN THE INVERT OF THE UPPER PIPE AND THE CROWN OF THE LOWER PIPE.

ARRANGE CROSSING SO THAT THE SEWER PIPE JOINTS AND THE WATER MAIN PIPE JOINTS ARE EQUIDISTANT FROM THE POINT OF CROSSING (PIPES CENTERED ON THE CROSSING).

*WHERE PROPOSED STORM SEWER MEETS WATER MAIN REQUIREMENTS, CASING PIPE SHALL BE OMITTED.



DRY WELL DETAIL

NOTE: ALL MANHOLES MUST BE DAMP PROOF PER IDOT SPECIFICATIONS 1060 "WATER PROOFING MATERIALS"

ALL LIDS TO BE USED ON WATER SYSTEM STRUCTURE SHALL BEAR THE WORDS "CITY OF CRYSTAL LAKE WATER"

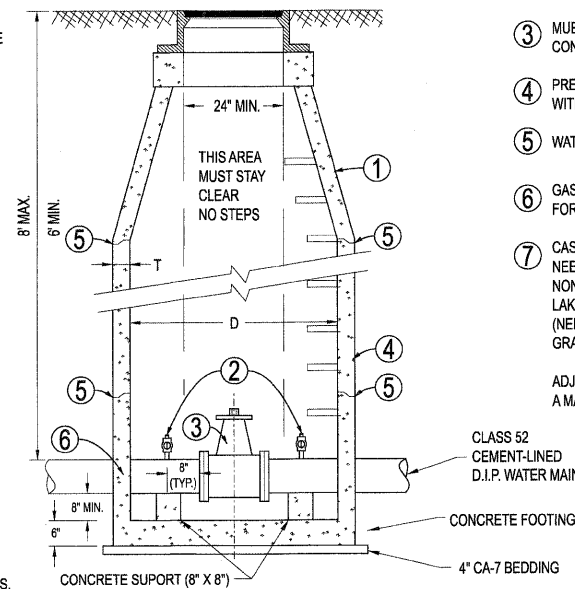
DRAIN FOR VALVE VAULT SHALL BE CONSTRUCTED ONLY WHEN SHOWN ON THE PLANS.

FRAME AND RING(S) TO BE SET IN MORTAR BED OR SEALED WITH A PREFORMED BITUMEN SEAL (E-Z-STICK OR APPROVED EQUAL).

FOR PRESSURE CONNECTION, SEE DETAIL UW-2.

NOTE: ALL VALVE HARDWARE MUST BE STAINLESS STEEL INCLUDING NUTS, BOLTS & WASHERS.

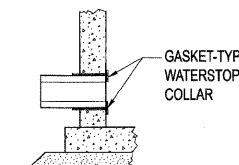
DIAMETER OF WATER MAIN	D	T
8 INCHES AND OVER	5 FT.	5"



VALVE VAULT DETAIL

- 1 CONCENTRIC CONES REQUIRED
- 2 1" (PREFERRED, 3/4" MIN.) MUELLER, A.Y. McDONALD, OR FORD CORPORATION STOP EACH SIDE OF VALVE MUST BE A COMPRESSION FITTING.
- 3 MUELLER 2360-23-9020 OR AMERICAN FLOW CONTROL 2500-1 RESILIENT SEAT GATE VALVE
- 4 PRECAST CONCRETE MANHOLE SECTIONS WITH A MINIMUM THICKNESS OF 5"
- 5 WATERTIGHT JOINT
- 6 GASKET-TYPE WATERSTOP COLLAR FOR ALL WATER MAIN CONNECTIONS
- 7 CAST IRON MANHOLE FRAME & COVER SIMILAR TO NEENAH R-1712, OR EQUAL WITH STANDARD DUTY, NON-ROCKING TYPE LIDS WITH "CITY OF CRYSTAL LAKE WATER" CAST INTO LID. (NEENAH R-2535, OR EQUAL MAY BE USED IN GRASSY AREAS)

ADJUSTING RING HEIGHT NOT TO EXCEED 8" WITH A MAXIMUM OF THREE (3) ADJUSTMENT RINGS.



USER NAME = jmoacke@Chicago_RI
 PLOT CONFIG = PDF(Greg_Large).plt
 PLOT SCALE = 1:50
 PLOT DATE = 7/29/2010

DESIGNED - D.DOERFLER
 DRAWN - D.DOERFLER
 CHECKED - E.CHOW
 DATE - 8/2/2010

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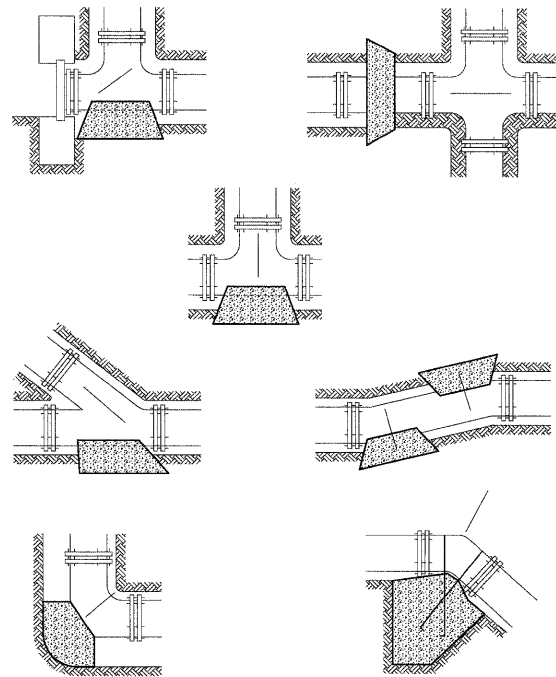


MCHENRY COUNTY
 DIVISION OF TRANSPORTATION

RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
 DRAINAGE DETAILS

SCALE: 1"=50' SHEET NO. DU 31 OF 47 STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0336	05-00308-00-WR	MCHENRY	606	214
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63398	



BEARING AREA (SQ. FT.)					
PIPE SIZE	TEE/PLUG	90°	45°	21 1/2°	11 1/4°
6	4	2	1	1	1
8	6	4	3	1	1
10	7	5	3	2	1
12	8	6	4	3	2
14	12	9	6	4	3
16	15	12	7	5	3
18	18	15	9	5	4
24	40	30	15	10	5

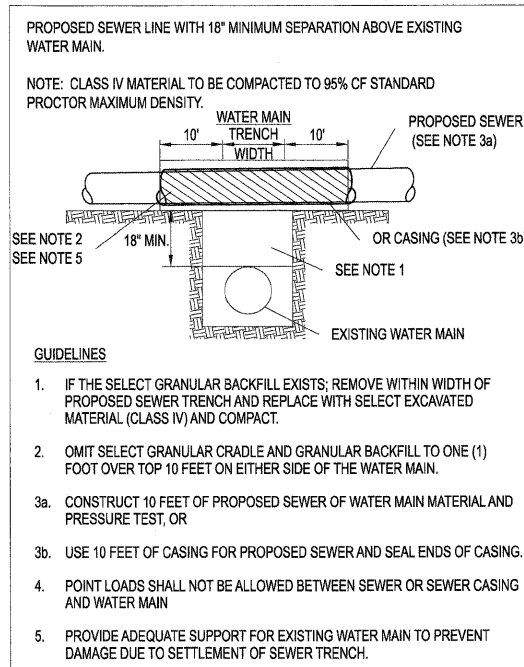
NOTES:

ALL BLOCKING SHALL BE POURED CLASS SI CONCRETE AGAINST UNDISTURBED EARTH.

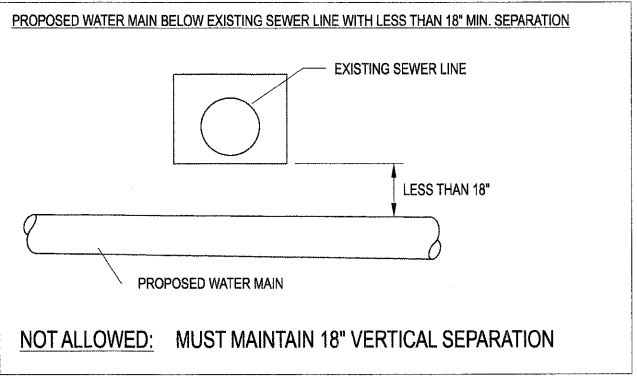
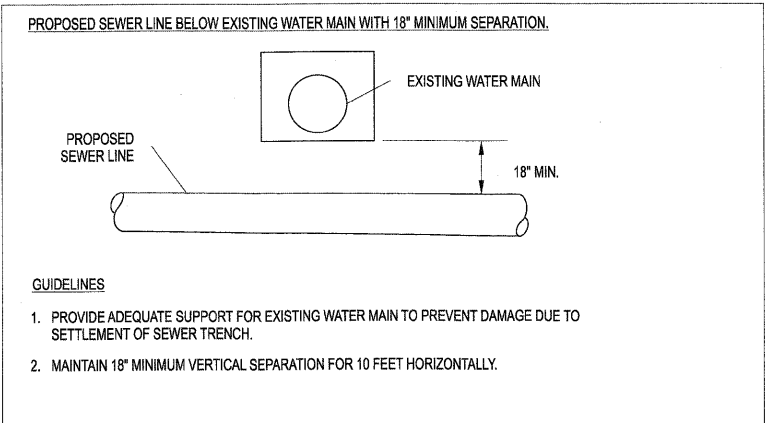
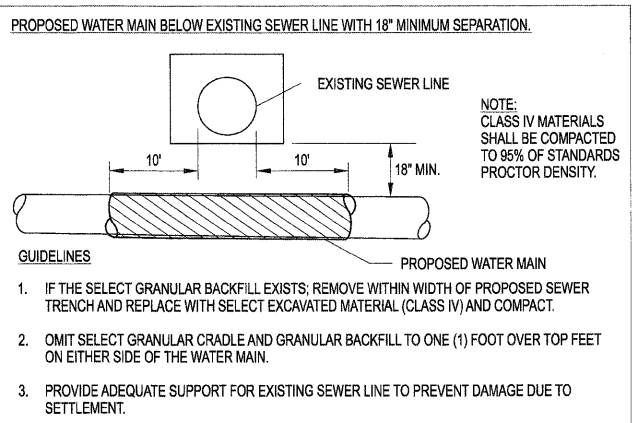
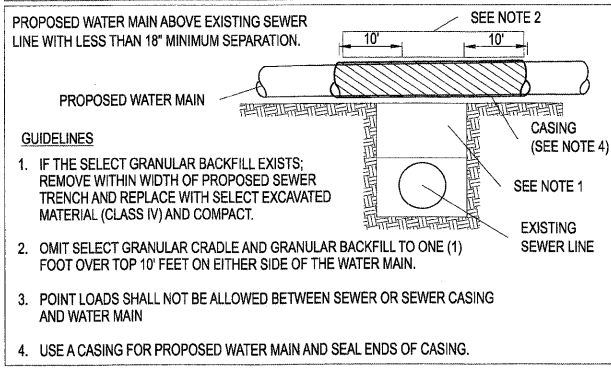
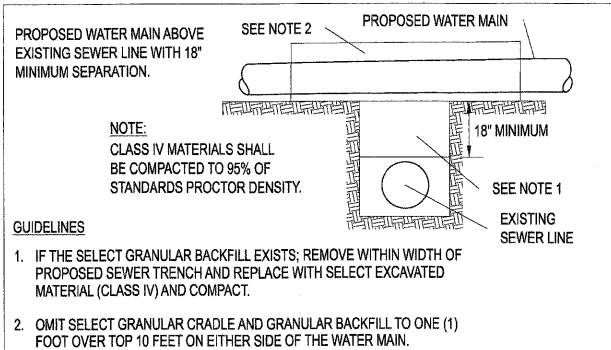
ALL BENDS OR ELBOWS GREATER THAN 11 1/4° SHALL HAVE THRUST BLOCKING. FORMAS TO NOT COVER BOLTS.

IN LEU OF THRUST BLOCKING "MEGA LUG" (EBAA) JOINT RESTRAINTS OR APPROVED EQUAL CAN BE USED AS APPROVED BY THE ENGINEER.

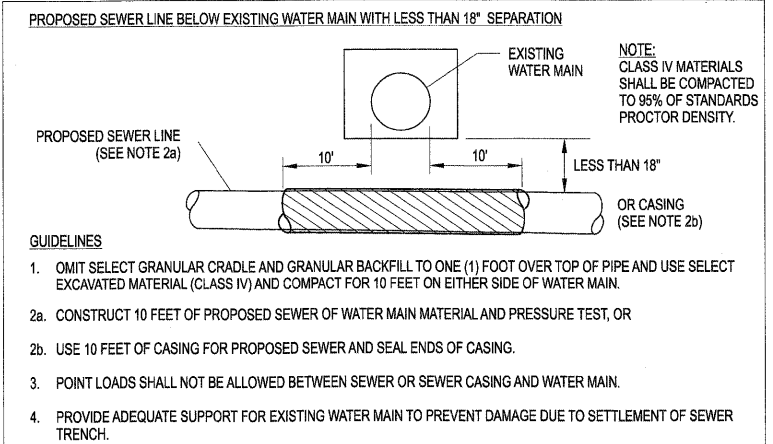
THRUST BLOCK DETAIL



*THE REQUIREMENTS ON THIS DETAIL ARE TAKEN FROM THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS (SEE PAGES 160-173)

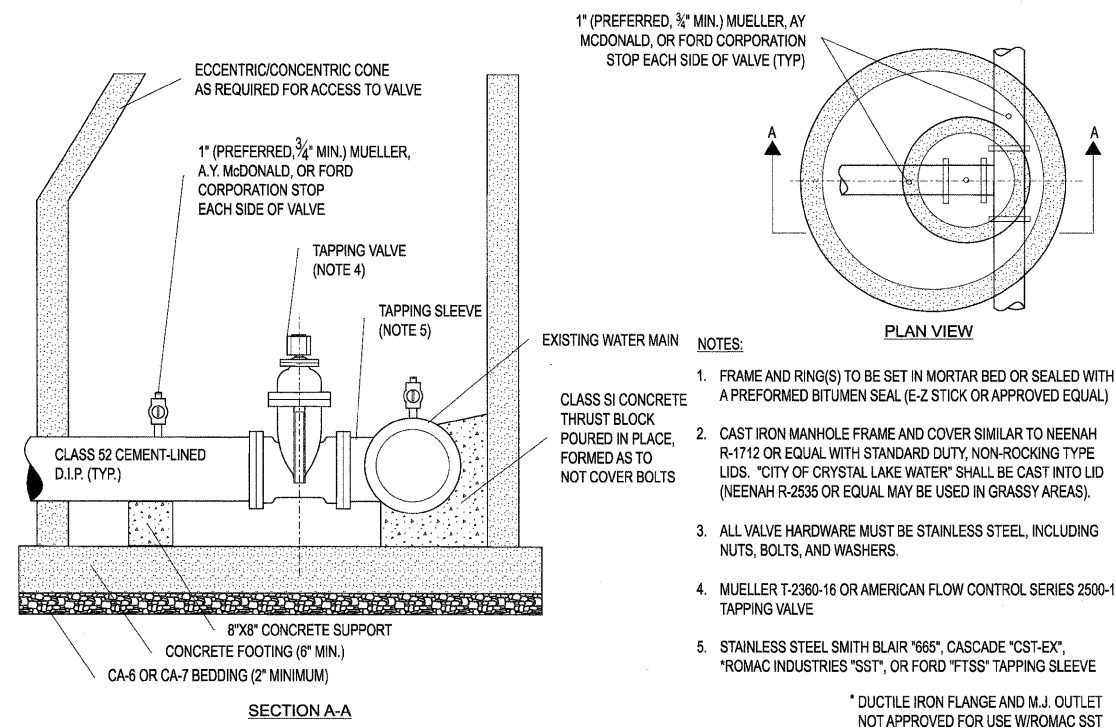


*THE REQUIREMENTS ON THIS DETAIL ARE TAKEN FROM THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS (SEE PAGES 160-173)

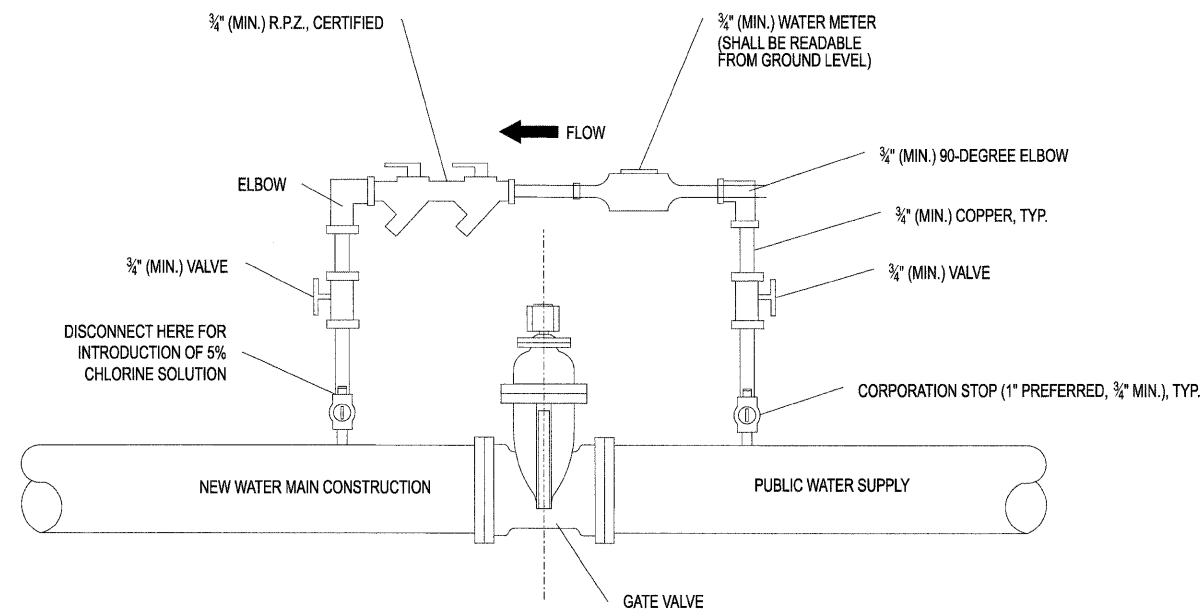


WATER-SEWER SEPARATION DETAIL

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WATER MAIN PRESSURE CONNECTION



WATER VALVE JUMPER

PRESSURE TEST

PROJECT NAME: _____

CONTRACTOR: _____

WITNESS: _____

LINE _____

PRESSURIZED DATE: _____ TIME: _____ am / pm

LINE TESTED DATE: _____ TIME: _____ am / pm

	2-HOUR	24-HOUR
TOTAL LENGTH OF MAIN (FEET)		
PIPE DIAMETER (INCHES)		
TEST PRESSURE (PSI)		
TOTAL ALLOWABLE LEAKAGE IN ONE HOUR (GALLONS)		
TOTAL ALLOWABLE LEAKAGE IN TIME FRAME (GALLONS)		

CALCULATION FOR ACTUAL WATER VOLUME LOSS

	2-HOUR	24-HOUR
SURFACE AREA OF SUPPLY VESSEL (FEET)		
MAXIMUM ALLOWABLE DROP IN WATER LEVEL (FEET)		
ACTUAL DROP IN WATER LEVEL (FEET)		
GALLONS		
INITIAL METER READING		
24TH HOUR METER READING		
TOTAL ALLOWABLE LEAKAGE (GALLONS)		
ACTUAL LEAKAGE (GALLONS)		
PASS OR FAIL		

LOCATION DIAGRAM:

INDICATE NORTH

NOTES:

WATER MAIN TEST REPORT

- CITY OF CRYSTAL LAKE WATER MAIN CHLORINATION SPECIFICATIONS:**
- DISINFECTION OF WATER MAINS SHALL BE DONE IN ACCORDANCE WITH THE STATE OF ILLINOIS STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION, CURRENT EDITION.
 - THE CITY ENGINEERING DIVISION AND WATER DIVISION SHALL BE NOTIFIED 48 HOURS IN ADVANCE FOR SCHEDULING OF ANY TESTING CHLORINATING, FLUSHING, OR SAMPLING.
 - ONLY CITY WATER DIVISION PERSONNEL MAY OPERATE WATER VALVES ON LIVE MAINS.
 - A WATER VALVE JUMPER IS REQUIRED TO MAINTAIN PRESSURE ON THE CHLORINATED LINES DURING THE SAMPLING PROCEDURE FOR PROPER INSTALLATION AND REQUIREMENTS SEE THE STANDARD WATER VALVE JUMPER DETAIL.
 - WATER MAINS SHALL BE FLUSHED WITH A MINIMUM VELOCITY OF 2.5 FPS.
 - THE INITIAL CHLORINE CONCENTRATION SHALL BE 50 mg/L WITH A MINIMUM 24 HOUR RESIDUAL OF 25 mg/L.
 - THE METHOD OF CHLORINE APPLICATION SHALL BE APPROVED BY THE CITY:
 - LIQUID CHLORINE W/CHLORINATING DEVICE WITH BACKFLOW PREVENTER.
 - CHLORINE BEARING COMPOUNDS IN WATER.
 - TABLET DISINFECTION.
 - ALL NEW VALVES AND HYDRANTS SHALL BE OPERATED WHILE LINE IS BEING CHLORINATED.
 - THE CITY ENGINEERING DIVISION SHALL DETERMINE LOCATION AND QUANTITY OF CORPORATION STOPS FOR FLUSHING AND CHLORINATING.
 - THE FINAL FLUSHING RESIDUAL IN THE NEW CHLORINATED LINES SHALL BE BETWEEN 0.2 AND 2.0 mg/L.
 - ALL WATER SAMPLES SHALL BE COLLECTED ON TWO (2) CONSECUTIVE DAYS AND PASS BACTERIOLOGICAL TEST RESULTS. IN THE EVENT THAT THE FIRST SET OF SAMPLES TAKEN TWO (2) CONSECUTIVE DAYS APART FAIL TO PASS, ANOTHER SET OF SAMPLES MAY BE TAKEN TWO (2) DAYS APART. (PER STATE SPECS). IF THE SECOND SET FAILS TO PASS TESTING, THEN THE PROCEDURE MUST BE REPEATED WITH THE MAIN BEING RECHLORINATED, REFRESHED, AND RESAMPLED.
 - STATE CERTIFIED LAB MUST BE USED FOR SAMPLES.

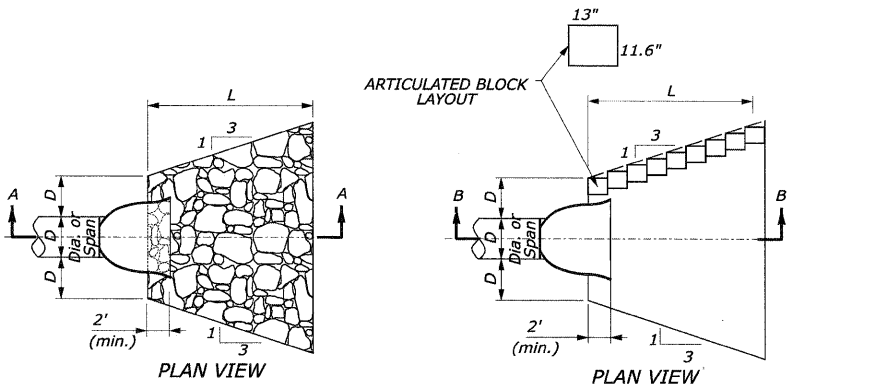
NUMBER OF 5-GRAIN HYPOCHLORITE TABLETS REQUIRED FOR A DOSAGE OF 50mg/L PER LENGTH OF PIPE SECTION

PIPE SIZE IN INCHES	LENGTH OF PIPE SECTION IN FEET				
	UP TO 13	18	20	30	40
2	1	1	1	1	1
4	1	1	2	2	2
6	2	2	3	3	4
8	2	3	5	5	6
10	3	5	7	7	9
12	5	6	10	10	14

CHLORINE REQUIREMENTS TO PRODUCE 50 mg/L CONCENTRATION IN 100 FEET OF PIPE-BY DIAMETER

PIPE SIZE IN INCHES	100% CHLORINE, L.B.	1% CHLORINE SOLUTION, GALS.
4	0.027	0.33
6	0.061	0.73
8	0.108	1.30
10	0.170	2.04
12	0.240	2.88

CHLORINATION SPECIFICATIONS

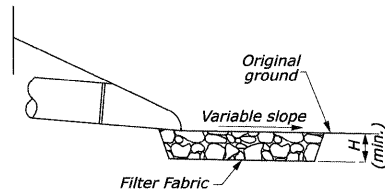


CULVERT WITH STANDARD END SECTION AND RIPRAP

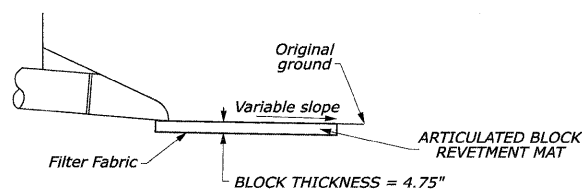
CULVERT WITH STANDARD END SECTION AND ARTICULATED BLOCK REVETMENT MAT

**OUTLET WITHOUT DITCH
PROTECTIVE APRON DIMENSIONS AND ESTIMATED QUANTITIES**

	CULVERT SIZE D (inches)	RIPRAP CLASS	LENGTH OF APRON L (feet)	DEPTH OF RIPRAP APRON H (feet)	ESTIMATED RIPRAP QUANTITY (SY)	ESTIMATED GEOTEXTILE QUANTITY (SY)
WITH END SECTION	18	RR4	7	1.33	6	6
	24	RR4	9	1.33	9	9
	30	RR5	13.5	1.83	18	18
	36	RR5	16	1.83	26	26
	42	RR6	22	2.17	44	44
	48	RR6	25	2.17	57	57



SECTION A-A

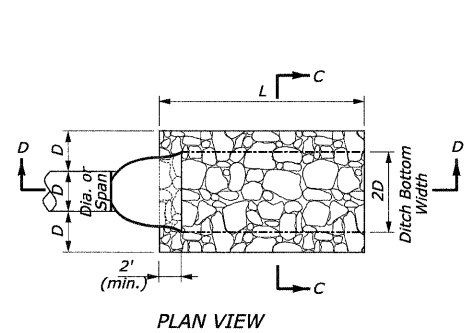


SECTION B-B

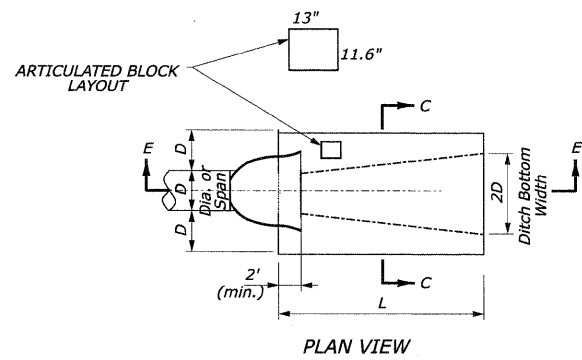
PROTECTIVE APRON AT CULVERT OUTLET WITHOUT DITCH

RIPRAP NOTES:

1. Use for aprons serving culverts with slopes of less than 10%.
2. Furnish Filter Fabric per section 282 of the standard specifications. 2' Turn downs not shown.
3. Provide bedding stone (not shown) per section 281 of the standard specifications.
4. Excavation for placement of riprap will not be measured for payment.



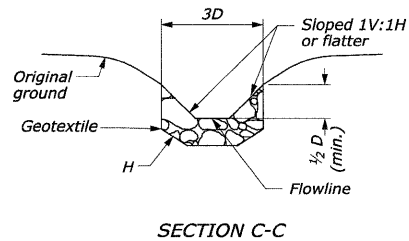
CULVERT WITH STANDARD END SECTION AND RIPRAP



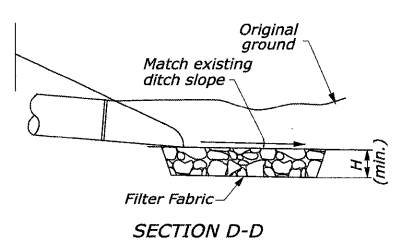
CULVERT WITH STANDARD END SECTION AND ARTICULATED BLOCK REVETMENT MAT

**OUTLET WITH DITCH
PROTECTIVE APRON DIMENSIONS AND ESTIMATED QUANTITIES**

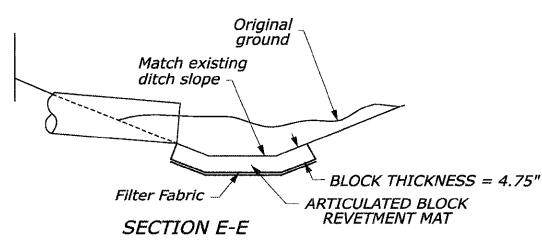
	CULVERT SIZE D (inches)	RIPRAP CLASS	LENGTH OF APRON L (feet)	DEPTH OF RIPRAP APRON H (feet)	ESTIMATED RIPRAP QUANTITY (SY)	ESTIMATED GEOTEXTILE QUANTITY (SY)
WITH END SECTION	18	RR4	7	1.5	4	4
	24	RR4	9	1.5	6	6
	30	RR5	13.5	2	12	12
	36	RR5	16	2	16	16
	42	RR6	22	2.5	26	26
	48	RR6	25	2.5	34	34



SECTION C-C



SECTION D-D



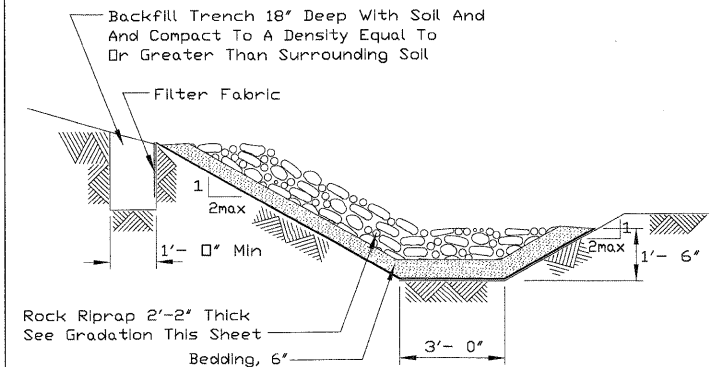
SECTION E-E

PROTECTIVE APRON AT CULVERT OUTLET WITH DITCH

ARTICULATED BLOCK REVETMENT MAT NOTES:

1. Articulated Block Revetment Mat to Conform to Ditch Bottom and Side Slopes.
2. Furnish Filter Fabric per section 282 of the standard specifications. 2' Turn downs not shown.
3. Block dimensions shown are nominal.
4. Blocks to be closed-cell with a nominal weight of 40 to 45 lbs/sq. ft.
5. Excavation for placement of Articulated Block Revetment Mat will not be measured for payment.
6. For Gutter Sag Outlets, use 34 sq yd mat, 25 ft long.
7. For Gutter Turnouts, use 4 sq yd mat 7 ft long.

STRUCTURAL STREAMBANK STABILIZATION - RIPRAP



SECTION

NOTES:

1. The filter fabric shall meet the requirements in material specification 282 Filter Fabric.
2. The rock riprap shall meet the IDOT requirement for the following gradation: RR 6, Quality A.
3. Place bedding per Section 281 of the Standard Specifications.



USER NAME = jmecke(Chicago_R)
 PLOT CONFIG = PDF(Grey_Large).plt
 PLOT SCALE = 1:50
 PLOT DATE = 7/29/2010

DESIGNED - D.DOERFLER
 DRAWN - D.DOERFLER
 CHECKED - E.CHOW
 DATE - 8/2/2010

REVISED -
 REVISED -
 REVISED -
 REVISED -



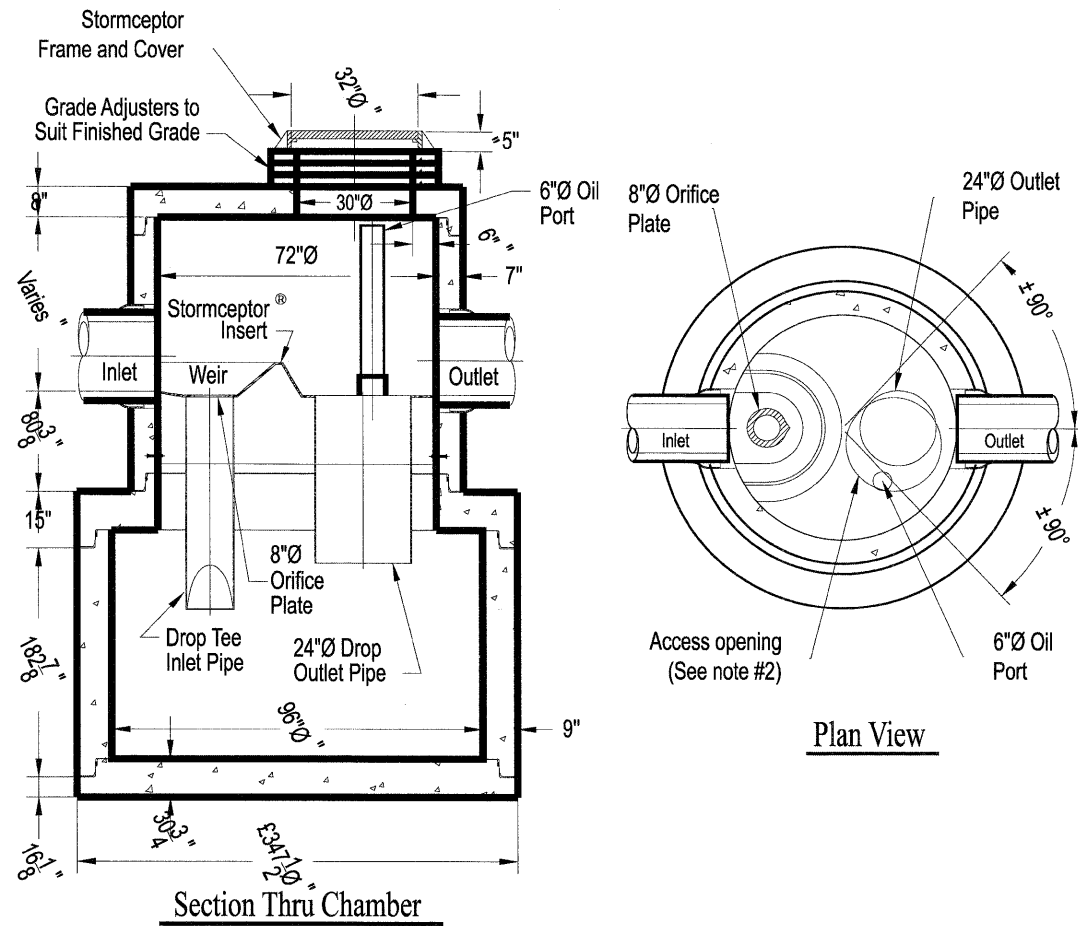
**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
DRAINAGE DETAILS**

SCALE: 1"=50' SHEET NO. DU 34 OF 47 STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0336	05-00308-00-WR	MCHENRY	606	217
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63398	

STC 2400 Precast Concrete Stormceptor®
(2400 U.S. Gallon Capacity)



Heaviest Single Piece Wt. Appx: 15,500#

Notes:

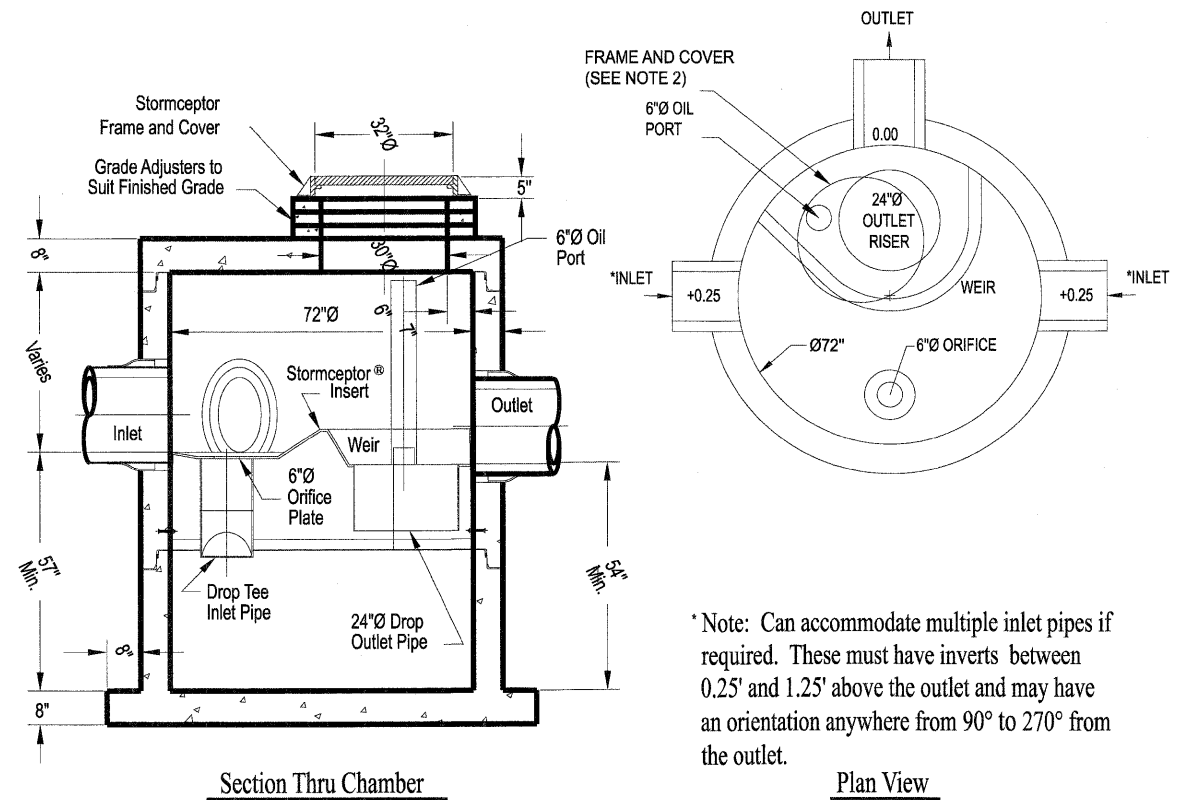
1. The Use Of Flexible Connection is Recommended at The Inlet and Outlet Where Applicable.
2. The Cover Should be Positioned Over The Outlet Drop Pipe and The Oil Port.
3. The Stormceptor System is protected by one or more of the following U.S. Patents: #4985148, #5498331, #5725760, #5753115, #5849181, #6068765, #6371690.
4. Contact a Concrete Pipe Division representative for further details not listed on this drawing.

Rinker 031 IL-WI

WATER QUALITY TREATMENT STRUCTURE #1

STC 900 Precast Concrete Stormceptor®
(900 U.S. Gallon Capacity)

Multi Inlet Application



* Note: Can accommodate multiple inlet pipes if required. These must have inverts between 0.25' and 1.25' above the outlet and may have an orientation anywhere from 90° to 270° from the outlet.

Notes:

1. The Use Of Flexible Connection is Recommended at The Inlet and Outlet Where Applicable.
2. The Cover Should be Positioned Over The Outlet Drop Pipe and The Oil Port.
3. The Stormceptor System is protected by one or more of the following U.S. Patents: #4985148, #5498331, #5725760, #5753115, #5849181, #6068765, #6371690.
4. Contact a Concrete Pipe Division representative for further details not listed on this drawing.

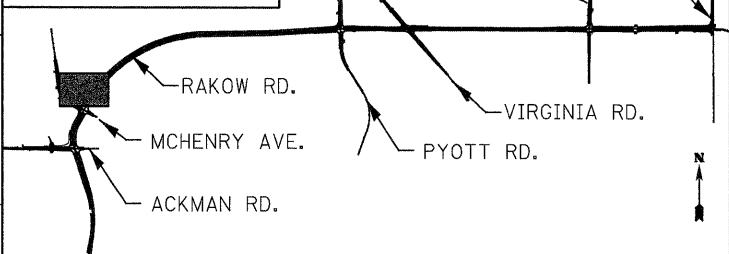
Rinker 049 IL-WI

WATER QUALITY TREATMENT STRUCTURE #2

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	PLOT CONFID = PDF(Grey, Large).plt	DRAWN - D.DOERFLER	REVISED -			SCALE: 1"=50'	SHEET NO. DU 35 OF 47	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	CONTRACT NO. 63398		
	PLOT SCALE = 1:50	CHECKED - E.CHOW	REVISED -									
	PLOT DATE = 7/29/2010	DATE - 8/2/2010	REVISED -									

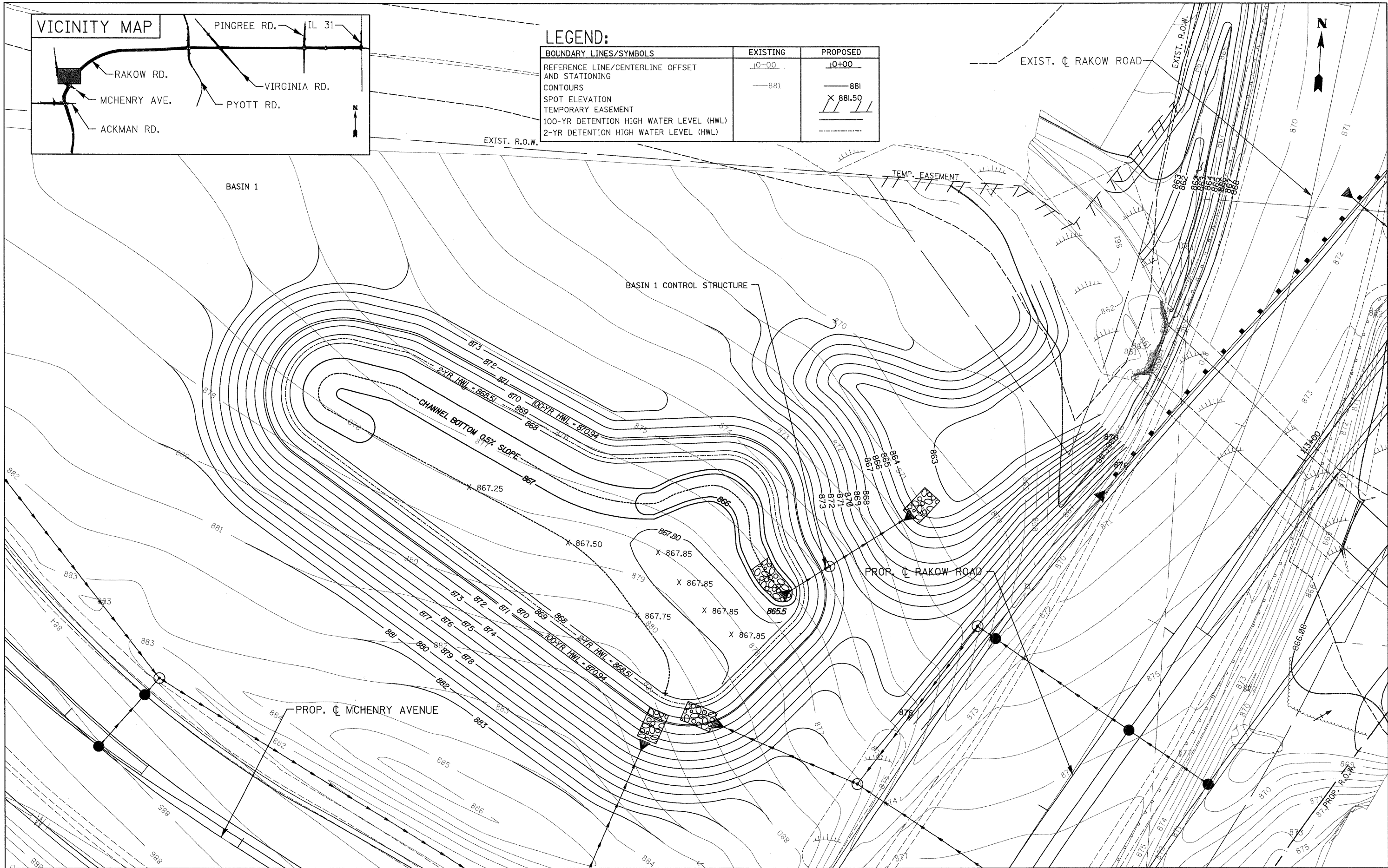
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VICINITY MAP



LEGEND:

BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
REFERENCE LINE/CENTERLINE OFFSET AND STATIONING	-10+00	-10+00
CONTOURS	—881	—881
SPOT ELEVATION		X 881.50
TEMPORARY EASEMENT		---/---/---
100-YR DETENTION HIGH WATER LEVEL (HWL)		---/---/---
2-YR DETENTION HIGH WATER LEVEL (HWL)		---/---/---



USER NAME = jmaack@chicago_ri
 PLOT CONFIG = PDF(Grey_Large).plt
 PLOT SCALE = 1:20
 PLOT DATE = 7/29/2010

DESIGNED - D. DOERFLER
 DRAWN - J. MACKE
 CHECKED - E. CHOW
 DATE - 8/2/2010

REVISED -
 REVISED -
 REVISED -
 REVISED -



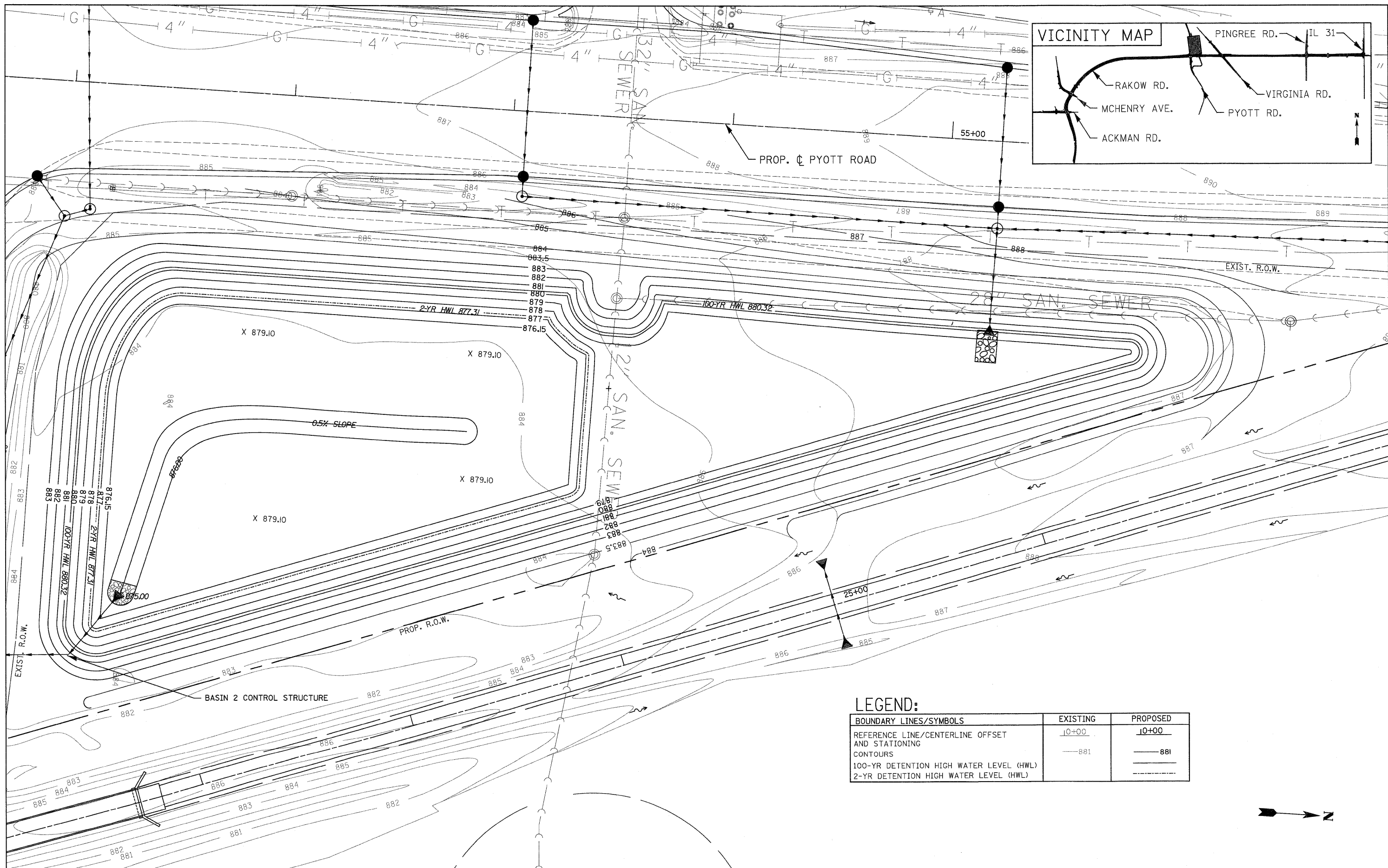
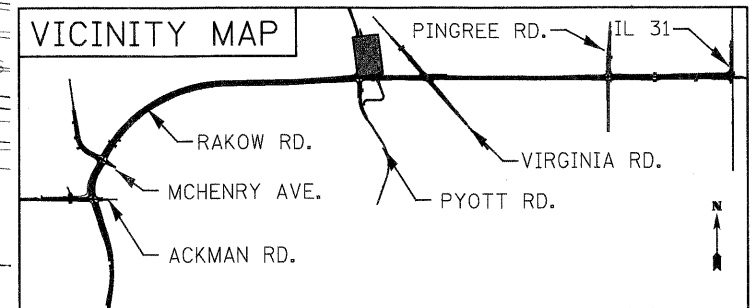
MCHENRY COUNTY
 DIVISION OF TRANSPORTATION

RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
 DETENTION BASIN 1 GRADING PLAN

SCALE: 1"=20' SHEET NO. DU 36 OF 47 N/A N/A

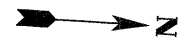
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0336	05-00308-00-WR	MCHENRY	606	219
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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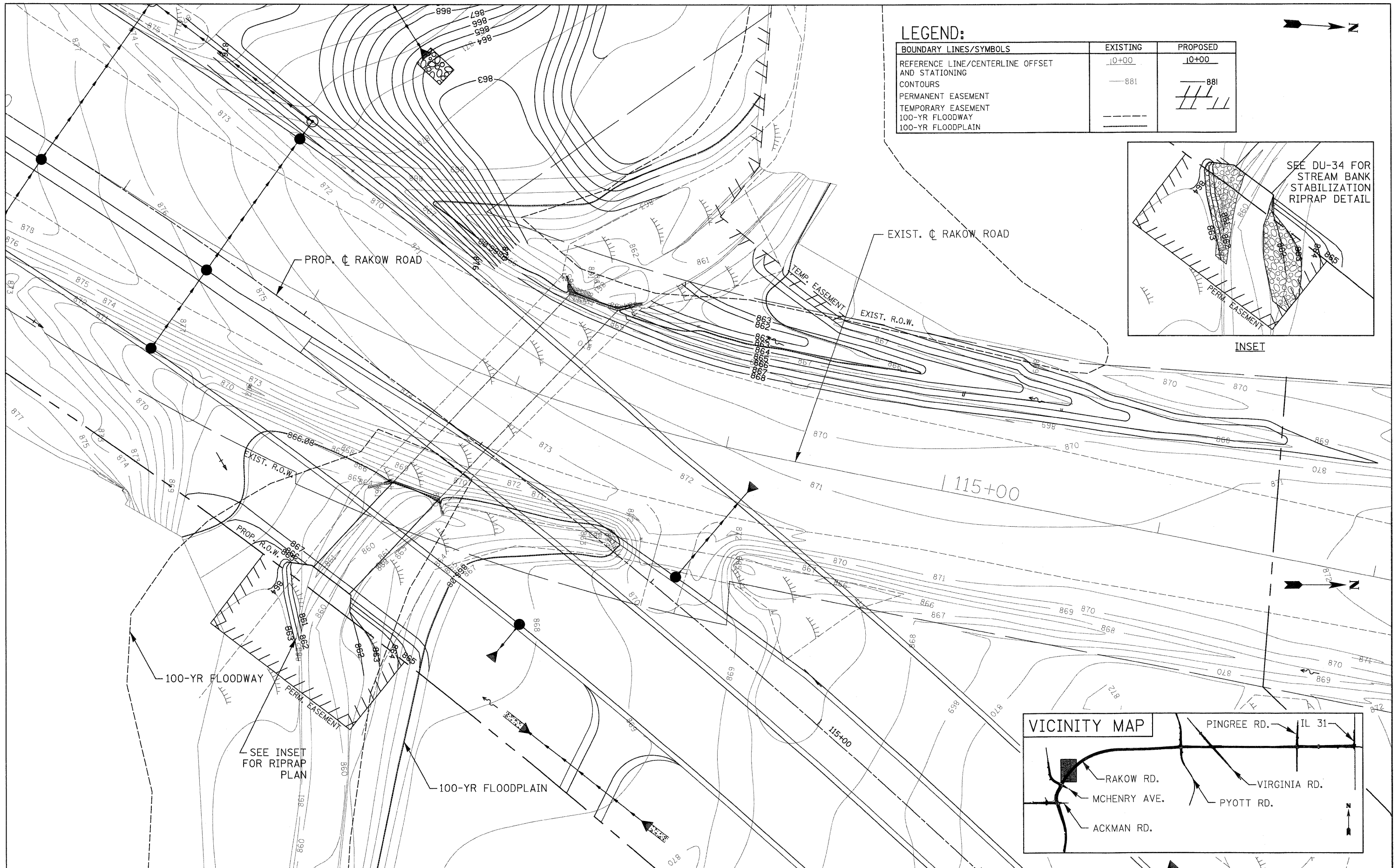
LEGEND:

BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
REFERENCE LINE/CENTERLINE OFFSET AND STATIONING	10+00	10+00
CONTOURS	881	881
100-YR DETENTION HIGH WATER LEVEL (HWL)	---	---
2-YR DETENTION HIGH WATER LEVEL (HWL)	---	---



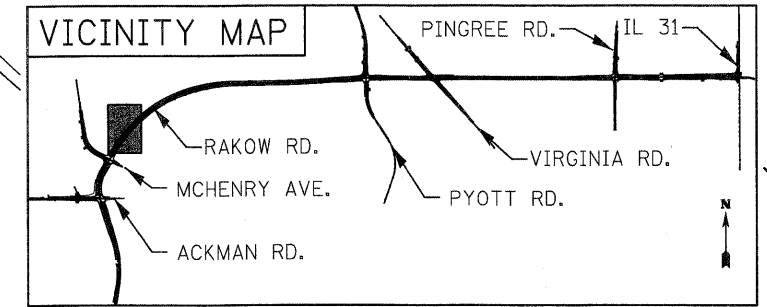
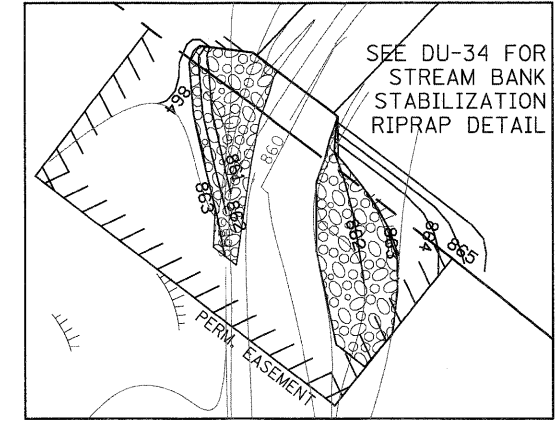
	USER NAME = jmacke@Chicago_RI	DESIGNED - D. DOERFLER	REVISED -		MCHENRY COUNTY DIVISION OF TRANSPORTATION	RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 DETENTION BASIN 2 GRADING PLAN		F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 220
	PLOT CONFIG = PDF(Grey_Large).plt	DRAWN - J. MACKE	REVISED -			SCALE: 1"=20'	SHEET NO. DU 37 OF 47	N/A	N/A	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	
PLOT SCALE = 1:20	CHECKED - E. CHOW	REVISED -										
PLOT DATE = 7/29/2010	DATE - 8/2/2010	REVISED -										

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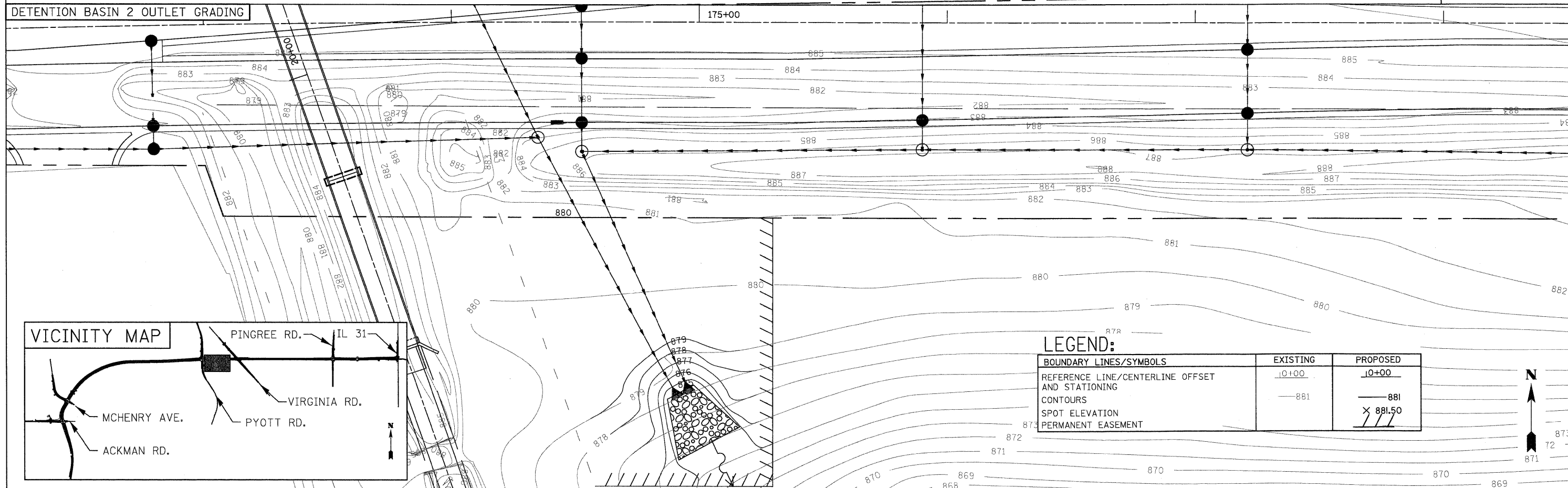
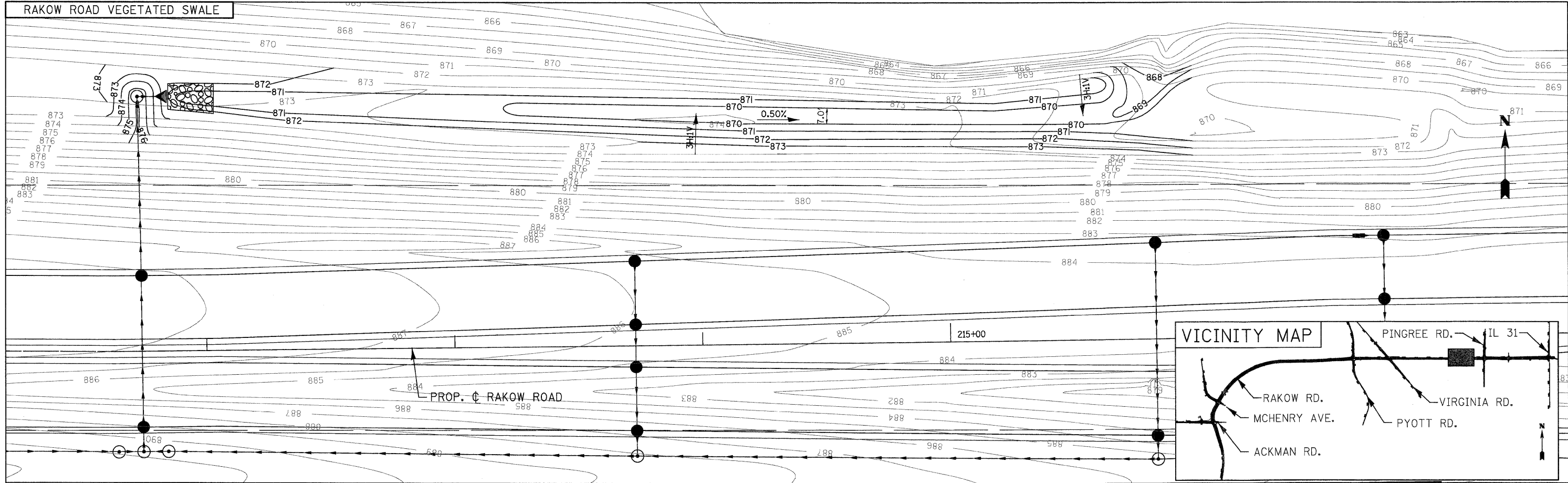
LEGEND:

BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
REFERENCE LINE/CENTERLINE OFFSET AND STATIONING	— 10+00	— 10+00
CONTOURS	— 881	— 881
PERMANENT EASEMENT		
TEMPORARY EASEMENT		
100-YR FLOODWAY	---	---
100-YR FLOODPLAIN	---	---



	USER NAME = jmaek(Chicago_R)	DESIGNED - D. DOERFLER	REVISED -		MCHENRY COUNTY DIVISION OF TRANSPORTATION	RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 FLOODPLAIN COMPENSATORY STORAGE GRADING PLAN		F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 221
	PLOT CONFIG = PDF(Grey_Large).plt	DRAWN - J. MACKE	REVISED -			SCALE: 1"=20'	SHEET NO. DU 38 OF 47	N/A	N/A	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
	PLOT SCALE = 1:20	CHECKED - E. CHOW	REVISED -									
	PLOT DATE = 7/29/2010	DATE - 8/2/2010	REVISED -									

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LEGEND:

BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
REFERENCE LINE/CENTERLINE OFFSET AND STATIONING	- 0+00	- 0+00
CONTOURS	-881	-881
SPOT ELEVATION		X 881.50
PERMANENT EASEMENT		///

	USER NAME = jmecke(Chicago_R)	DESIGNED - D. DOERFLER	REVISED -		RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 VEGETATED SWALE AND DETENTION BASIN 2 OUTLET GRADING PLANS			F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 222
	PLOT CONFIG = PDF(Grey_Large).plt	DRAWN - J. MACKE	REVISED -		SCALE: 1"=20'	SHEET NO. DU 39 OF 47	N/A	N/A	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			
	PLOT SCALE = 1:20	CHECKED - E. CHOW	REVISED -									
	PLOT DATE = 7/29/2010	DATE - 8/2/2010	REVISED -									

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DRAINAGE STRUCTURE SCHEDULE									
STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET	RIM ELEV.	INVERT (N)	INVERT (S)	INVERT (W)	INVERT (E)	
1-1	MAN TA 7 DIA T1F CL	88+01.12	50.55	LT 874.12	867.00	870.12		866.74	
1-2	CB TC T24F&G	88+10.00	44.00	LT 873.37			867.02		
1-3	WATER QUALITY TREATMENT STRUCTURE #1	89+10.14	70.97	LT 876.10	867.20			867.20	
1-4	MAN TA 7 DIA T1F CL	89+10.04	51.64	LT 874.23		867.18	867.18	867.77	
1-5	CB TA 4 DIA T24F&G	89+10.14	44.39	LT 872.99	867.87		867.87		
1-6	RESTRICTOR MANHOLE #1	89+17.85	70.65	LT 876.12	867.21	867.21			
1-7	INLETS TA T24F&G	89+18.59	44.64	LT 872.97		867.97			
2-1	MAN TA 6 DIA T1F CL	90+47.16	62.01	LT 877.45	867.30	867.30		869.64	
2-2	CB TC T24F&G	90+47.00	47.38	LT 873.86			869.69		
2-3	MAN TA 6 DIA T1F CL	91+61.00	64.00	LT 879.23	867.45	867.38			
2-4	RESTRICTOR MANHOLE #2	91+72.00	64.00	LT 879.36	871.96	867.46			
2-5	MAN TA 6 DIA T1F CL	92+97.00	64.00	LT 881.29	872.05	872.05		874.66	
2-6	CB TA 4 DIA T24F&G	92+97.00	52.86	LT 878.87			874.70	874.70	
2-7	CB TC T24F&G	92+97.00	15.00	LT 879.70			875.53		
2-8	CB TC T24F&G	92+97.00	8.56	RT 879.74				875.57	
2-9	CB TA 4 DIA T24F&G	92+97.00	53.00	RT 878.87			874.70	874.70	
2-10	PRC FLAR END SEC 12	92+97.00	61.50	RT 879.19			874.68		
2-11	CB TA 5 DIA T8G	94+00.00	61.50	LT 881.41	875.34	872.13			
2-12	CB TA 5 DIA T8G	95+34.00	65.39	LT 885.73	880.61	877.51		880.05	
2-13	CB TC T24F&G	95+34.00	53.00	LT 885.73			880.11		
2-14	CB TC T11V F&G	95+54.69	8.95	LT 886.60				882.43	
2-15	CB TA 4 DIA T24F&G	95+54.04	57.90	RT 885.72			881.55	881.55	
2-16	PRC FLAR END SEC 30	95+53.62	86.12	RT 883.00			880.50		
2-17	CB TA 5 DIA T8G	96+00.00	67.94	LT 885.06	881.33	880.93			
2-18	CB TC T11V F&G	96+85.00	9.00	LT 890.94				886.77	
2-19	CB TA 4 DIA T24F&G	96+85.00	64.29	RT 889.83			885.65	885.65	
2-20	MAN TA 4 DIA T1F CL	96+85.00	76.50	RT 890.11	885.61	883.00	885.61		
2-21	CB TA 5 DIA T8G	97+08.00	70.99	LT 887.02	883.56	881.86		882.85	
2-22	CB TC T24F&G	97+08.00	53.00	LT 890.82			882.91		
2-23	CB TA 4 DIA T8G	98+00.00	70.27	LT 888.70	885.63	884.20			
2-24	CB TA 4 DIA T8G	98+95.00	69.06	LT 892.09		886.08			
2-25	CB TC T24F&G	98+81.00	65.08	RT 894.72				890.55	
2-26	MAN TA 4 DIA T1F CL	98+81.00	72.60	RT 895.05		888.00	890.53		
2-27	CB TA 4 DIA T11V F&G	99+21.00	9.00	LT 896.59			892.45	892.45	
2-28	CB TA 4 DIA T24F&G	99+16.77	54.28	LT 897.79			892.70	892.70	
2-29	CB TA 4 DIA T24F&G	21+87.44	20.02	LT 893.69	889.53		890.00		
2-30	CB TA 4 DIA T24F&G	21+87.44	28.18	RT 893.85		889.33	889.33		
2-31	MAN TA 4 DIA T1F CL	100+52.87	76.46	RT 896.50	888.78			888.78	
2-32	CB TA 4 DIA T11V F&G	100+91.00	9.00	RT 898.29	893.95		890.73	890.73	
2-33	CB TA 4 DIA T24F&G	100+91.00	54.22	RT 896.86			890.59	890.59	
2-34	MAN TA 5 DIA T1F CL	100+91.00	71.00	RT 897.45	887.42	888.62	890.54		
2-35	CB TC T11V F&G	101+32.00	9.00	RT 898.28		894.11			
2-36	CB TC T11V F&G	102+54.00	6.06	RT 898.27				894.10	
2-37	MAN TA 5 DIA T1F CL	102+54.00	59.00	RT 897.37	887.15	887.15	893.20		
2-38	CB TC T8G	103+23.00	72.24	LT 899.38				895.21	
2-39	CB TA 4 DIA T11V F&G	103+23.00	2.14	LT 897.93			893.76	893.76	
2-40	MAN TA 5 DIA T1F CL	103+23.00	63.00	RT 896.91	887.04	887.04	892.74		
2-41	CB TC T24F&G	103+87.00	64.92	LT 898.69				894.52	
2-42	CB TA 4 DIA T11V F&G	103+87.00	9.92	LT 897.35			893.18	893.18	
2-43	CB TA 4 DIA T24F&G	103+87.00	53.00	RT 895.89			891.72	891.72	
2-44	MAN TA 5 DIA T1F CL	103+87.00	63.00	RT 896.20	886.44	886.94	891.69		
2-45	CB TC T11V F&G	104+81.00	15.00	LT 895.99				891.81	
2-46	CB TA 4 DIA T11V F&G	104+81.00	8.83	LT 896.00			891.80	891.80	
2-47	CB TA 5 DIA T24F&G	104+81.00	67.00	RT 894.62	886.32	886.32	890.45		
2-48	MAN TA 4 DIA T1F CL	95+54.05	67.88	RT 886.48	881.50		881.50	880.69	
2-49	MAN TA 4 DIA T1F CL	99+17.53	95.51	RT 895.29			892.00	892.00	
4-1	CB TC T24F&G	105+70.00	60.38	LT 895.48				891.30	
4-2	CB TA 4 DIA T11V F&G	105+70.00	15.00	LT 894.01			889.83	889.83	
4-3	CB TA 4 DIA T11V F&G	105+70.00	8.82	LT 894.01			889.82	889.82	
4-4	CB TA 4 DIA T24F&G	105+70.00	62.13	RT 892.46			888.29	888.29	
4-5	MAN TA 5 DIA T1F CL	105+70.00	72.00	RT 892.38	884.24	886.21	888.21		
4-6	CB TC T11V F&G	106+59.00	15.00	LT 891.66				887.49	
4-7	CB TA 4 DIA T24F&G	106+59.00	65.00	RT 890.44			885.01	885.01	
4-8	MAN TA 5 DIA T1F CL	106+59.00	75.00	RT 889.16	880.35	884.13	884.98		
4-9	CB TC T11V F&G	107+48.00	15.00	LT 888.75				884.55	
4-10	MAN TA 6 DIA T1F CL	107+48.00	75.00	RT 886.47	874.17	880.24	882.30		
4-11	CB TC T24F&G	107+80.00	67.91	LT 888.83	883.11				
4-12	CB TA 4 DIA T8G	107+97.50	100.22	LT 887.22	880.50	882.96			
4-13	CB TA 4 DIA T8G	18+45.00	57.03	RT 884.62	878.17	880.11			
4-14	CB TC T11V F&G	108+18.00	15.00	LT 886.44				882.27	
4-15	CB TA 4 DIA T11V F&G	108+18.00	9.00	LT 886.44			882.26	882.26	
4-16	CB TA 4 DIA T24F&G	108+18.00	66.51	RT 885.35			880.41	880.41	
4-17	MAN TA 6 DIA T1F CL	108+18.01	73.28	RT 884.56	874.10	874.10	880.39		
4-18	INLETS TA T24F&G	18+45.00	44.00	RT 885.69	876.38	878.13			
4-19	CB TC T11V F&G	19+15.00	5.60	LT 885.50			881.33		
4-20	CB TA 4 DIA T24F&G	18+45.00	39.10	LT 885.62	876.16	876.16			
4-21	MAN TA 5 DIA T1F CL	18+45.00	49.00	LT 885.78	875.34	875.79	875.66	880.98	
4-22	PRC FLAR END SEC 24	110+23.14	170.64	LT 879.48		875.00			
4-23	PRC FLAR END SEC 36	110+52.10	147.40	LT 874.50				870.50	
4-24	MAN TA 6 DIA T1F CL	110+63.17	79.43	LT 878.26	870.59		870.59	871.63	
4-25	CB TA 5 DIA T11V F&G	110+61.00	9.00	LT 878.27			871.70	871.70	
4-26	MAN TA 6 DIA T1F CL	110+61.00	61.00	RT 877.82		873.20	871.77		
4-27	MAN TA 4 DIA T1F CL	111+52.00	75.00	LT 876.36		870.87		870.87	
4-28	CB TA 4 DIA T24F&G	111+52.00	65.00	LT 877.62			870.90	870.90	
4-29	CB TA 4 DIA T11V F&G	111+52.00	9.00	RT 876.02			871.21	871.21	
4-30	CB TC T24F&G	111+52.00	53.00	RT 874.90			871.38		
4-31	PRC FLAR END SEC 24	111+15.72	155.62	LT 867.53	865.54				
4-32	RESTRICTOR MANHOLE #3	111+36.76	146.16	LT 871.79	865.50	865.50			
4-33	PRC FLAR END SEC 24	111+74.89	129.40	LT 865.00		865.43			
4-34	CB TC T24F&G	113+66.00	53.00	RT 871.68				867.51	
4-35	PRC FLAR END SEC 12	113+66.00	69.00	RT 871.93			867.46		
4-36	PRC FLAR END SEC 12	114+07.00	60.00	LT 874.27				868.36	
4-37	CB TC T24F&G	114+07.00	9.21	LT 872.74			868.57		
4-38	PRC FLAR END SEC 18	114+00.00	88.61	RT 867.50	866.00				
4-39	PRC FLAR END SEC 18	114+70.00	86.27	RT 867.85		866.35			
4-40	GUTTER TURNOUT	115+55.00	53.00	RT 870.51					
4-41	GUTTER SAG OUTLET	116+45.71	53.00	RT 870.22					
4-42	INLETS TA T24F&G	116+50.71	15.00	LT 871.73	867.56				
4-43	PRC FLAR END SEC 12	116+60.71	60.00	LT 873.09				867.27	
4-44	CB TA 4 DIA T24F&G	116+60.71	15.00	LT 871.73		867.53	867.45	867.45	

DRAINAGE STRUCTURE SCHEDULE									
STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET	RIM ELEV.	INVERT (N)	INVERT (S)	INVERT (W)	INVERT (E)	
4-45	CB TC T24F&G	116+60.71	15.00	RT 871.73				867.56	
4-46	GUTTER SAG OUTLET	116+60.71	53.00	RT 870.21					
4-47	PRC FLAR END SEC 18	118+17.00	81.00	LT 873.07	866.22				
4-48	MAN TA 4 DIA T1F CL	118+50.00	60.62	LT 873.95	868.65	866.33		866.81	
4-49	CB TC T24F&G	118+50.00	15.00	LT 872.70			867.00		
4-50	GUTTER TURNOUT	118+50.00	53.00	RT 871.18					
7-1	MAN TA 4 DIA T1F CL	121+00.00	60.26	LT 875.96				870.04	869.40
7-2	CB TC T24F&G	121+00.00	15.00	LT 874.40	870.23				
7-3	GUTTER TURNOUT	121+00.00	53.00	RT 873.18					
7-4	MAN TA 4 DIA T1F CL	123+50.00	63.00	LT 877.32			872.23	871.57	871.97
7-5	CB TA 4 DIA T24F&G	123+50.00	15.00	LT 876.70	872.42	872.42			
7-6	CB TC T24F&G	123+50.00	15.00	RT 876.70			872.53		
7-7	GUTTER TURNOUT	123+50.00	53.00	RT 875.18					
7-8	PRC FLAR END SEC 24	124+34.00	85.12	RT 873.22	871.22				
7-9	PRC FLAR END SEC 12	125+00.00	76.00	LT 875.81		874.64			
7-10	MAN TA 4 DIA T1F CL	125+00.00	63.00	LT 878.52	874.35		872.61	872.86	
7-11	PRC FLAR END SEC 24	125+68.00	89.00	LT 875.32		873.32			
7-12	MAN TA 4 DIA T1F CL	125+68.00	63.00	LT 879.06	873.12		873.12	874.29	
7-13	PRC FLAR END SEC 15	125+84.00	77.00	LT 875.69		873.21			
7-14	CB TC T24F&G	126+00.00	15.00	LT 878.70			874.53		
7-15	GUTTER TURNOUT	126+00.00	53.00	RT 877.18					
7-16	PRC FLAR END SEC 12	128+50.00	60.00	LT 882.07		876.24			
7-17	CB TA 4 DIA T24F&G	128+50.00	15.00	LT 880.70	876.42	876.42			
7-18	CB TC T24F&G	128+50.00	15.00	RT 880.70		876.53			
7-19	GUTTER TURNOUT	128+50.00	53.00	RT 879.					

DRAINAGE STRUCTURE SCHEDULE									
STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET	RIM ELEV.	INVERT (N)	INVERT (S)	INVERT (W)	INVERT (E)	
9-28	CB TA 4 DIA T24F&G	181+80.00	41.00	RT 887.68	882.91				
9-29	MAN TA 5 DIA T1F CL	181+80.00	51.00	RT 887.99	882.88	882.91			
9-30	PRC FLAR END SEC 24	182+91.84	73.00	LT 884.66			881.69	881.15	
9-31	PRC FLAR END SEC 24	183+01.00	80.00	RT 877.42	877.42	882.56			
9-32	MAN TA 5 DIA T1F CL	183+23.97	51.64	RT 887.20			880.89		
9-33	PRC FLAR END SEC 24	183+23.42	73.42	RT 887.20					
9-34	CB TC T24F&G	183+80.00	53.00	LT 886.44	880.85	882.27			
9-35	CB TA 4 DIA T24F&G	183+80.00	15.00	LT 887.27	882.12	882.12			
9-36	CB TA 4 DIA T24F&G	183+80.00	3.55	RT 887.51	882.05	882.05			
9-37	CB TA 4 DIA T24F&G	183+80.00	47.55	RT 886.52	881.87	881.87			
9-38	PRC FLAR END SEC 12	183+80.00	80.00	RT 886.80	881.83				
9-39	MAN TA 4 DIA T1F CL	184+73.00	65.00	LT 884.61		881.58		880.58	
9-40	CB TC T11V F&G	184+73.00	9.00	LT 886.80	882.63				
10-1	MAN TA 4 DIA T1F CL	185+80.00	65.00	LT 884.31		881.00	880.25	880.00	
10-2	CB TA 4 DIA T24F&G	185+80.00	55.68	LT 885.11	881.03	881.03			
10-3	CB TC T11V F&G	185+80.00	9.00	LT 886.07	881.22				
10-4	CB TC T24F&G	185+80.00	53.00	RT 885.12		880.95			
10-5	PRC FLAR END SEC 12	185+80.00	65.00	RT 885.41	880.91				
10-6	CB TC T8G	187+93.00	72.97	LT 882.06		879.02			
10-7	MAN TA 5 DIA T1F CL	187+93.00	68.00	LT 882.83	879.00	879.00	879.46	879.00	
10-8	CB TA 4 DIA T24F&G	187+93.00	60.88	LT 883.79	879.03	879.99			
10-9	CB TC T11V F&G	187+93.00	9.00	LT 884.88	880.20				
10-10	CB TA 4 DIA T24F&G	187+93.00	53.00	RT 883.93		879.75			
10-11	PRC FLAR END SEC 12	187+93.00	65.00	RT 884.22	879.71				
10-12	INLETS TA T24F&G	188+03.00	61.41	LT 883.89		880.02			
10-13	INLETS TA T24F&G	188+03.00	53.00	RT 883.95		879.78			
10-14	MAN TA 5 DIA T1F CL	188+49.34	85.99	LT 883.21		878.87	878.87		
10-15	CB TA 4 DIA T24F&G	188+77.36	87.83	LT 883.60	879.86				
10-16	CB TC T24F&G	189+20.16	71.77	LT 883.89		880.05			
10-17	CB TC T24F&G	170+04.64	83.08	LT 884.00			879.41		
10-18	CB TA 4 DIA T24F&G	170+00.50	82.72	RT 883.92		879.97	879.97		
10-19	MAN TA 4 DIA T1F CL	170+22.52	95.99	LT 882.92	876.99		879.32	875.99	
10-20	CB TA 4 DIA T8G	170+22.35	64.20	RT 884.48		879.85	879.85	879.80	
10-21	CB TA 4 DIA T8G	170+68.00	48.00	RT 884.33		879.65	879.65	878.97	
10-22	MAN TA 4 DIA T1F CL	171+17.00	59.45	LT 885.66		880.28	875.86	875.86	
10-23	CB TC T24F&G	171+17.00	53.00	LT 883.88	880.31				
10-24	CB TC T11V F&G	171+55.00	9.00	RT 884.53		880.36			
10-25	CB TA 4 DIA T24F&G	171+55.00	41.00	RT 884.01	879.84	879.60			
10-26	CB TA 4 DIA T8G	171+55.00	48.20	RT 883.73	879.56		878.75	878.75	
10-27	PRC FLAR END SEC 24	171+95.10	126.02	LT 877.00				875.00	
10-28	RESTRICTOR MANHOLE #5	172+22.55	105.07	LT 881.28		874.85	874.85		
10-29	MAN TA 7 DIA T1F CL	172+25.00	59.00	LT 882.28	874.81	879.63	875.72	874.81	
10-30	CB TC T24F&G	172+25.00	52.99	LT 883.25	879.68				
10-31	CB TC T24F&G	172+78.84	6.25	RT 883.85		879.67			
10-32	CB TA 4 DIA T24F&G	172+79.00	41.01	RT 883.21	879.04	879.04			
10-33	CB TA 5 DIA T8G	172+79.00	50.39	RT 882.28	879.01		878.44	877.94	
10-34	MAN TA 7 DIA T1F CL	173+88.61	48.35	LT 881.20		874.67	874.67		
10-35	MAN TA 7 DIA T1F CL	174+34.75	47.18	RT 882.85	874.59	874.59	877.68		
10-36	PRC FLAR END SEC 42	174+90.48	152.03	RT 882.72	874.50				
10-37	INLETS TA T24F&G	174+42.50	41.00	LT 882.45				877.82	
10-38	INLETS TA T24F&G	174+42.50	41.00	RT 882.45				878.28	
10-39	CB TC T8G	174+52.50	53.17	LT 880.84		876.07			
10-40	CB TA 4 DIA T24F&G	174+52.50	41.00	LT 882.44	876.03	876.03	877.79		
10-41	CB TA 4 DIA T24F&G	174+52.50	6.63	LT 883.12	875.89	875.89			
10-42	CB TA 4 DIA T24F&G	174+52.50	15.00	RT 882.98	875.80	875.80			
10-43	CB TA 4 DIA T24F&G	174+52.50	41.00	RT 882.44	875.70	875.70	878.25		
10-44	MAN TA 5 DIA T1F CL	174+52.50	53.00	RT 882.72	875.66	874.64		874.64	
10-45	PRC FLAR END SEC 30	174+95.19	149.79	RT 877.00	874.50				
10-46	CB TC T24F&G	175+90.00	31.82	LT 883.07		878.90			
10-47	CB TA 4 DIA T24F&G	175+90.00	39.82	RT 883.07	878.60	878.60			
10-48	MAN TA 5 DIA T1F CL	175+90.00	52.00	RT 883.35	878.56		874.81	874.81	
10-49	CB TC T8G	177+21.00	48.19	LT 881.99		877.35			
10-50	CB TA 4 DIA T24F&G	177+21.00	36.91	LT 884.24	877.31	877.31			
10-51	CB TA 4 DIA T24F&G	177+21.00	10.91	LT 884.76	877.21	877.21			
10-52	CB TA 4 DIA T24F&G	177+21.00	10.91	RT 884.76	877.14	877.14			
10-53	CB TA 4 DIA T24F&G	177+21.00	36.91	RT 884.24	877.04	877.04			
10-54	MAN TA 5 DIA T1F CL	177+21.00	52.00	RT 884.48	876.98		874.97	875.47	
10-55	CB TC T8G	179+32.00	50.71	LT 882.72		878.98			
10-56	CB TA 4 DIA T24F&G	179+32.00	35.00	LT 886.14	878.93	878.93			
10-57	CB TA 4 DIA T24F&G	179+32.00	9.00	LT 886.66	878.83	878.83			
10-58	CB TA 4 DIA T24F&G	179+32.00	4.69	RT 886.74	878.78	878.78			
10-59	CB TA 4 DIA T24F&G	179+32.00	39.31	RT 886.05	878.65	878.65			
10-60	MAN TA 5 DIA T1F CL	179+32.00	54.00	RT 886.30	878.60		875.82	876.27	
12-1	CB TC T24F&G	181+58.00	35.00	LT 887.78		883.61			
12-2	CB TA 4 DIA T11V F&G	181+58.00	3.00	LT 888.48	883.49	883.49			
12-3	CB TA 4 DIA T24F&G	181+58.00	47.00	RT 887.48	883.29	883.29			
12-4	MAN TA 4 DIA T1F CL	181+58.00	62.00	RT 887.88	883.24		876.97	876.97	
12-5	MAN TA 4 DIA T1F CL	182+43.00	101.00	LT 889.26	877.71	877.71			
12-6	CB TA 4 DIA T8G	182+24.58	76.82	LT 885.56	877.59	877.59		881.37	
12-7	CB TA 4 DIA T24F&G	182+25.00	47.00	RT 887.85	877.21	877.21			
12-8	MAN TA 4 DIA T1F CL	182+25.00	62.00	RT 888.27	877.17		877.17		
12-9	CB TC T24F&G	182+44.00	59.74	LT 888.56			881.48		
12-10	CB TC T24F&G	183+15.00	120.68	LT 889.04				884.87	
12-11	CB TA 4 DIA T24F&G	183+58.50	81.05	LT 888.64			884.47	884.47	
12-12	CB TC T24F&G	184+23.00	100.43	RT 889.19		883.64		883.64	
12-13	CB TA 4 DIA T11V F&G	184+66.00	3.00	RT 890.15	883.69	883.69			
12-14	CB TC T24F&G	184+69.72	60.67	RT 888.19			883.38	883.38	
12-15	MAN TA 4 DIA T1F CL	184+81.00	55.00	LT 888.75	883.93	883.93			
12-16	CB TA 5 DIA T24F&G	184+81.00	47.00	LT 889.58	883.91	883.91			
12-17	MAN TA 6 DIA T1F CL	184+81.00	43.00	RT 889.70	883.52	883.10	883.31	882.00	
12-18	CB TA 4 DIA T24F&G	185+06.33	88.59	RT 889.51	883.16	883.82			
12-19	CB TA 4 DIA T8G	48+23.68	46.65	RT 887.07	883.87	883.87			
12-20	CB TC T24F&G	186+67.00	46.83	LT 890.82		886.64			
12-21	CB TA 4 DIA T24F&G	186+67.00	2.84	RT 891.74	886.44	886.44			
12-22	CB TA 4 DIA T24F&G	186+67.00	9.00	RT 891.61	886.43	886.43			
12-23	CB TA 4 DIA T24F&G	186+67.00	35.00	RT 891.09	886.33	886.33			
12-24	MAN TA 6 DIA T1F CL	186+67.00	45.00	RT 891.39	886.30		881.89	881.89	
12-25	CB TC T24F&G	189+54.00	33.37	LT 890.90		886.73			
12-26	CB TA 4 DIA T24F&G	189+54.00	33.37	RT 890.90	886.45	886.45			
12-27	MAN TA 6 DIA T1F CL	189+54.00	43.00	RT 891.21	886.42		881.72	881.72	

DRAINAGE STRUCTURE SCHEDULE									
STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET	RIM ELEV.	INVERT (N)	INVERT (S)	INVERT (W)	INVERT (E)	
12-28	CB TC T24F&G	191+11.00	31.00	LT 890.12		885.94			
12-29	CB TA 4 DIA T24F&G	191+11.00	5.00	LT 890.64	885.84	885.84			
12-30	CB TA 4 DIA T24F&G	191+11.00	5.00	RT 890.64	885.81	885.81			
12-31	CB TA 4 DIA T24F&G	191+11.00	31.00	RT 890.12	885.71	885.71			
12-32	MAN TA 6 DIA T1F CL	191+11.00	41.00	RT 890.42	885.68		881.63	881.63	
12-33	CB TC T24F&G	192+68.00	31.00	LT 889.33		885.16			
12-34	CB TA 4 DIA T24F&G	192+68.00	31.00	RT 889.33	884.90	884.90			
12-35	MAN TA 6 DIA T1F CL	192+68.00	41.00	RT 889.63	884.87		881.54	881.54	
12-36	CB TC T24F&G	194+25.00	31.00	LT 888.55		884.37			
12-37	CB TA 4 DIA T24F&G	194+25.00	5.00	LT 889.07	884.27	884.27			
12-38	CB TA 4 DIA T24F&G	194+25.00	5.00	RT 889.07	884.24	884.24			
12-39	CB TA 4 DIA T24F&G	194+25.00	31.00	RT 888.55	884.14	884.14			
12-40	MAN TA 7 DIA T1F CL	194+25.00	41.00	RT 888.85	884.11		881.45	881.45	
13-1	RESTRICTOR MANHOLE #6	195+73.40	41.03	RT 888.26			881.37	881.37	
13-2	PRC FLAR END SEC 30	195+82.93	72.00	LT 884.00			881.00		
13-3	WATER QUALITY TREATMENT STRUCTURE #2	195+83.40	41.01	RT 888.18	881.24		881.33	881.33	
13-4	RESTRICTOR MANHOLE #7	195+93.40	40.98	RT 888.17			881.37	881.37	
13-5	INLETS TA T24F&G	196+65.00	31.00	LT 887.56				883.39	
13-6	INLETS TA T24F&G	196+65.00	31.00	RT 887.56				883.39	
13-7	CB TA 4 DIA T24F&G	196+75.00	31.00	LT 887.54		883.36	883.36		
13-8	CB TA 4 DIA T24F&G	196+75.00	5.00	LT 888.06	883.26				

DRAINAGE STRUCTURE SCHEDULE									
STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET	RIM ELEV.	INVERT (N)	INVERT (S)	INVERT (W)	INVERT (E)	
15-3	MAN TA 7 DIA T1F CL	225+89.99	56.24	RT	890.92		885.85		876.93
15-4	MAN TA 7 DIA T8G	229+00.06	60.12	RT	889.28			877.09	877.09
15-5	INLETS TA T24F&G	229+40.00	52.95	LT	888.65		886.18		
15-6	CB TA 4 DIA T24F&G	229+40.00	41.00	LT	890.97	886.04	886.04		
15-7	CB TA 4 DIA T24F&G	229+40.00	15.00	LT	891.49	885.94	885.94		
15-8	CB TA 4 DIA T24F&G	229+40.00	8.84	LT	891.53	885.92	885.92		
15-9	CB TA 4 DIA T24F&G	229+40.00	52.18	RT	890.69	885.65	885.65		
15-10	MAN TA 7 DIA T1F CL	229+39.98	62.71	RT	890.70			877.11	877.11
15-11	INLETS TA T24F&G	230+93.00	51.50	LT	888.20		885.73		
15-12	CB TA 4 DIA T24F&G	230+93.00	41.00	LT	890.21	885.69	885.69		
15-13	CB TA 4 DIA T11V F&G	230+93.00	9.00	LT	890.99	885.56	885.56		886.25
15-14	CB TA 4 DIA T24F&G	230+93.00	53.00	RT	889.91	885.30	885.30		
15-15	MAN TA 7 DIA T1F CL	230+93.01	63.23	RT	889.96			877.18	877.18
15-16	CB TC T11V F&G	231+40.00	9.00	LT	890.61			886.44	886.44
15-17	MAN TA 7 DIA T8G	231+53.61	63.00	RT	888.89			877.28	877.28
15-18	RESTRICTOR MANHOLE #11	232+60.13	53.03	RT	889.86			877.45	877.45
15-19	INLETS TA T24F&G	233+33.18	41.00	LT	889.21				885.03
15-20	INLETS TA T24F&G	233+33.18	41.00	RT	889.21		885.00		885.03
15-21	CB TA 4 DIA T24F&G	233+43.18	41.00	LT	889.21		885.00		
15-22	CB TA 4 DIA T11V F&G	233+43.18	9.00	RT	889.93	884.80	884.80		
15-23	CB TA 4 DIA T24F&G	233+43.18	41.00	RT	889.21	884.67	884.67	885.00	
15-24	MAN TA 7 DIA T1F CL	233+43.15	56.49	RT	889.67	884.62		877.49	877.49
15-25	MAN TA 7 DIA T1F CL	235+93.00	76.53	LT	884.47		877.86		877.86
15-26	CB TA 4 DIA T24F&G	235+93.00	47.71	LT	890.25	877.77			
15-27	CB TA 4 DIA T24F&G	235+93.00	1.77	LT	891.08	877.70	877.70		
15-28	CB TA 4 DIA T24F&G	235+93.00	15.00	RT	890.90	877.67	877.67		
15-29	CB TA 4 DIA T24F&G	235+93.00	41.00	RT	890.38	877.63	877.63		
15-30	MAN TA 7 DIA T1F CL	235+93.00	56.85	RT	890.69	877.61		877.61	
15-31	RESTRICTOR MANHOLE #12	237+16.01	63.93	LT	888.38			878.20	880.69
15-32	MAN TA 7 DIA T1F CL	237+25.00	64.00	LT	888.80		883.00	880.70	880.70
15-33	CB TA 4 DIA T24F&G	237+25.00	53.66	LT	890.91	883.03	883.03		
15-34	CB TA 4 DIA T24F&G	237+25.00	41.00	RT	891.17	883.43	883.43		
15-35	CB TC T8G	237+25.00	62.26	RT	887.89	883.51			
15-36	CB TC T8G	238+57.00	73.05	LT	888.35		884.18		
15-37	MAN TA 7 DIA T1F CL	238+57.00	66.00	LT	890.11	884.16	887.38	880.77	880.77
15-38	CB TA 4 DIA T24F&G	238+57.00	58.12	LT	891.66	887.41	887.41		
15-39	CB TA 4 DIA T24F&G	238+57.00	15.00	LT	892.48	887.58	887.58		
15-40	CB TA 4 DIA T24F&G	238+57.00	15.00	RT	892.51	887.69	887.69		
15-41	CB TC T24F&G	238+57.00	41.00	RT	891.96	887.79			
15-42	CB TC T8G	239+87.00	74.52	LT	888.92		884.75		
15-43	MAN TA 7 DIA T1F CL	239+87.00	66.00	LT	891.42	884.73	888.13	880.83	880.83
15-44	CB TA 4 DIA T24F&G	239+87.00	58.82	LT	892.42	888.16	888.16		
15-45	CB TC T24F&G	239+87.00	41.00	RT	892.74	888.57			
16-1	MAN TA 7 DIA T1F CL	241+78.00	67.00	LT	891.85		889.27	880.92	880.92
16-2	CB TC T24F&G	241+78.00	15.00	LT	893.65	889.48	889.48		
16-3	CB TA 4 DIA T24F&G	241+78.00	8.85	LT	893.69	889.52			
16-4	MAN TA 7 DIA T1F CL	242+81.00	70.00	LT	891.97		884.44	880.97	880.97
16-5	CB TA 4 DIA T24F&G	242+81.00	60.05	LT	892.00	884.47	884.47		
16-6	CB TA 4 DIA T11V F&G	242+81.00	9.00	LT	892.89	884.68	884.68		
16-7	CB TA 4 DIA T24F&G	242+81.00	41.00	RT	892.38	884.88	884.88		
16-8	CB TC T8G	242+81.00	58.50	RT	889.16	884.99			
16-9	MAN TA 7 DIA T8G	243+70.00	71.07	LT	890.48			881.01	881.01
16-10	MAN TA 7 DIA T1F CL	244+42.00	76.00	LT	890.80		882.38	881.05	881.05
16-11	CB TA 5 DIA T24F&G	244+42.00	63.65	LT	890.35	882.39	882.39		
16-12	CB TA 5 DIA T24F&G	244+42.00	9.00	LT	891.32	882.43	882.43		
16-13	CB TA 5 DIA T24F&G	244+42.24	46.79	RT	890.68	882.47	882.47		
16-14	MAN TA 6 DIA T1F CL	244+41.99	58.13	RT	891.02	882.48			882.48
16-15	MAN TA 7 DIA T1F CL	245+85.00	77.00	LT	890.08		885.06	881.12	
16-16	CB TC T24F&G	245+85.00	66.85	LT	889.26	885.09			
16-17	MAN TA 4 DIA T1F CL	246+25.63	73.90	LT	889.79		885.46		885.46
16-18	CB TA 4 DIA T24F&G	246+25.63	67.76	LT	889.19	885.47	885.47		
16-19	CB TC T11V F&G	246+25.63	9.00	LT	890.24	885.72			
16-20	CB TA 4 DIA T24F&G	246+25.63	54.85	RT	889.43			882.63	882.65
16-21	INLETS TA T24F&G	246+35.36	67.98	LT	889.19			885.50	
16-22	INLETS TA T24F&G	246+35.30	55.27	RT	889.44			882.68	
16-23	MAN TA 4 DIA T1F CL	247+54.00	95.00	LT	889.90		885.02	885.06	884.66
16-24	CB TA 4 DIA T24F&G	247+58.00	86.81	LT	888.78	885.05			
17-1	CB TC T24F&G	9+03.18	72.00	LT	892.00		888.66		
17-2	CB TA 4 DIA T24F&G	9+14.00	8.00	LT	892.83	888.53	888.53		
17-3	CB TC T24F&G	9+14.00	8.01	RT	892.83	888.59			
17-4	MAN TA 4 DIA T1F CL	9+23.53	28.90	LT	892.65	888.45	888.45	888.45	
17-5	MAN TA 5 DIA T1F CL	9+30.45	40.85	LT	892.60	888.49			888.49
17-6	RESTRICTOR MANHOLE #13	10+00.13	38.29	LT	894.78			888.70	890.70
17-7	MAN TA 5 DIA T1F CL	10+08.00	38.00	LT	894.99		890.80	890.71	890.71
17-8	CB TC T24F&G	10+08.00	32.00	LT	894.98	890.81			
17-9	MAN TA 4 DIA T1F CL	10+71.00	38.00	LT	896.53		891.64	890.79	890.79
17-10	CB TC T8G	10+71.00	32.56	RT	896.10	891.93			
17-11	MAN TA 4 DIA T1F CL	11+42.00	38.00	LT	898.83		894.66	890.88	893.37
17-12	CB TA 4 DIA T24F&G	11+42.00	8.00	LT	899.22	894.93	894.93		
17-13	CB TC T24F&G	11+42.00	13.02	RT	899.19	895.01			
17-14	MAN TA 4 DIA T1F CL	12+58.00	38.00	LT	901.82		897.54	894.49	
17-15	CB TA 4 DIA T24F&G	12+58.00	32.00	LT	901.72	897.55	897.55		
17-16	CB TC T24F&G	12+58.00	6.68	RT	902.15	897.98			
17-17	CB TA 4 DIA T24F&G	17+35.00	32.00	LT	902.41		897.88		897.88
17-18	CB TA 4 DIA T11V F&G	17+35.00	4.00	LT	902.89	897.99	897.99		
17-19	CB TC T24F&G	17+35.00	44.00	RT	902.35	898.18			
17-20	CB TA 4 DIA T8G	18+80.96	71.01	LT	898.30		892.07	894.66	892.07
17-21	CB TA 4 DIA T24F&G	18+90.23	48.72	LT	899.48	892.15	892.60		
17-22	CB TC T11V F&G	18+95.00	4.00	LT	900.11	892.93			
17-23	INLETS TB T24F&G	19+07.59	44.03	RT	899.57				893.07
18-1	PRC FLAR END SEC 15	8+93.00	48.00	RT	876.17		878.02		
18-2	PRC FLAR END SEC 15	9+47.00	53.00	RT	877.13	876.26			
18-3	PRC FLAR END SEC 36	9+87.00	72.00	LT	870.00			867.00	
18-4	PRC FLAR END SEC 36	9+89.00	49.00	RT	877.24				874.24
18-5	PRC FLAR END SEC 12	10+05.00	40.00	LT	879.75			877.52	
18-6	CB TA 4 DIA T24F&G	10+05.00	28.79	LT	881.74		877.56		877.56
18-7	CB TA 4 DIA T24F&G	10+05.00	28.79	RT	881.76		877.56		877.56
18-8	PRC FLAR END SEC 12	10+05.00	40.00	RT	880.54				877.52
18-9	INLETS TA T24F&G	10+15.00	28.45	LT	881.77	877.59			
18-10	INLETS TA T24F&G	10+15.00	28.45	RT	881.77	877.59			

DRAINAGE STRUCTURE SCHEDULE									
STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET	RIM ELEV.	INVERT (N)	INVERT (S)	INVERT (W)	INVERT (E)	
18-11	CB TC T24F&G	11+18.00	32.00	RT	882.47			878.30	
18-12	PRC FLAR END SEC 12	11+18.00	40.00	RT	881.86				878.28
18-13	PRC FLAR END SEC 12	11+39.00	43.00	LT	880.47			877.87	
18-14	CB TC T24F&G	11+39.00	31.63	LT	882.08				877.91
18-15	PRC FLAR END SEC 15	12+38.00	51.00	RT	881.75				
18-16	PRC FLAR END SEC 15	12+72.00	54.00	RT	883.95		880.20		
18-17	PRC FLAR END SEC 12	12+83.00	41.00	LT	882.15			878.63	
18-18	CB TA 4 DIA T24F&G	12+83.00	31.89	LT	882.83			878.66	878.66
18-19	CB TC T11V F&G	12+83.00	4.00	RT	884.20				880.03
18-20	CB TC T24F&G	12+88.00	37.48	RT	885.42			881.25	
18-21	PRC FLAR END SEC 12	12+88.00	45.00	RT	885.45				881.23
18-22	MAN TA 4 DIA T1F CL	14+27.00	44.00	LT	882.43		876.74	876.74	
18-23	CB TA 4 DIA T24F&G	14+27.00	31.86	LT	883.86			876.78	876.78
18-24	CB TA 4 DIA T24F&G	14+27.00	44.00	RT	886.74			877.10	877.10
18-25	CB TA 4 DIA T8G	14+27.00	62.47	RT	883.99			877.16	877.16
18-26	CB TC T8G	14+90.00	59.22	RT	884.50		877.43		
19-1	MAN TA 4 DIA T1F CL	16+21.00	42.00	LT	884.88		876.24	880.16	876.24
19-2	CB TA 4 DIA T24F&G	16+21.00	31.89	LT	885.32		880.30	880.50	
19-3	CB TC T11V F&G	16+21.00	0.04	LT	886.18		881.00		
20-1	CB TC T24F&G	47+98.00	29.99	LT	886.02				881.15
20-2	CB TA 4 DIA T24F&G	47+98.00	42.01	RT	885.39			880.85	880.85
20-3	MAN TA 4 DIA T1F CL	47+98.00	67.00	RT	883.33		880.28		
20-4	CB TC T24F&G	48+93.00	37.04	LT	884.				

STORM SEWER SCHEDULE							
PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	TYPE	SLOPE (%)	TRENCH BACKFILL (CU YD)
1A	1-4	1-1	105	36	STORM SEW CL A 2 36	0.17	0.00
1B	1-2	BLIND	3	12	STORM SEW CL A 1 12	0.50	0.00
1C	1-3	1-4	16	36	STORM SEW CL A 2 36	0.13	0.00
1D	1-5	1-4	4	12	STORM SEW CL A 2 12	2.50	0.00
1E	1-6	1-3	4	36	STORM SEW CL A 2 36	0.25	0.00
1F	1-7	1-5	5	12	STORM SEW CL A 2 12	2.00	1.04
1G	2-1	1-6	126	48	STORM SEW CL A 2 48	0.07	0.00
2A	2-2	2-1	11	12	STORM SEW CL A 2 12	0.45	0.00
2B	2-3	2-1	110	48	STORM SEW CL A 2 48	0.07	0.00
2C	2-4	2-3	7	48	STORM SEW CL A 2 48	0.14	0.00
2D	2-5	2-4	121	48	STORM SEW CL A 2 48	0.07	0.00
2E	2-6	2-5	8	12	STORM SEW CL A 2 12	0.44	0.00
2F	2-7	2-6	34	12	STORM SEW CL A 1 12	2.44	0.00
2G	2-8	2-9	41	12	STORM SEW CL A 1 12	2.12	0.00
2H	2-9	2-10	5	12	STORM SEW CL A 2 12	0.44	0.00
2I	2-11	2-5	100	42	STORM SEW CL A 2 42	0.08	0.00
2J	2-12	2-11	131	24	STORM SEW CL A 2 24	1.66	0.00
2K	2-13	2-12	9	12	STORM SEW CL A 2 12	0.67	0.00
2L	2-14	2-15	63	12	STORM SEW CL A 1 12	1.40	0.00
2M	2-15	2-48	6	12	STORM SEW CL A 2 12	0.83	0.00
2N	2-17	2-12	63	24	STORM SEW CL A 1 24	0.51	0.00
2O	2-21	2-17	105	18	STORM SEW CL A 2 18	0.50	0.00
2P	2-18	2-19	70	12	STORM SEW CL A 1 12	1.60	0.00
2Q	2-19	2-20	9	12	STORM SEW CL A 2 12	0.44	0.00
2R	2-22	2-21	14	12	STORM SEW CL A 2 12	0.44	0.00
2S	2-23	2-21	89	18	STORM SEW CL A 1 18	0.72	0.00
2T	2-24	2-23	92	15	STORM SEW CL A 2 15	0.49	0.00
2U	2-25	2-26	4	12	STORM SEW CL A 2 12	0.44	0.00
2V	2-28	2-27	42	12	STORM SEW CL A 2 12	0.60	6.77
2W	17-23	2-28	80	12	STORM SEW WM REQ 12	0.46	0.00
2X	2-29	2-30	45	12	STORM SEW CL A 2 12	0.44	5.98
2Y	2-30	2-31	127	12	STORM SEW CL A 2 12	0.44	0.00
2Z	2-31	2-34	36	12	STORM SEW CL A 2 12	0.44	0.00
2AA	2-33	2-34	13	24	STORM SEW CL A 2 24	0.38	0.00
2BB	2-32	2-33	42	24	STORM SEW CL A 2 24	0.33	26.90
2CC	17-20	2-32	107	24	STORM SEW CL A 2 24	1.25	0.00
2DD	2-35	2-32	37	12	STORM SEW WM REQ 12	0.44	0.00
2EE	2-34	2-37	160	24	STORM SEW CL A 2 24	0.17	0.00
2FF	2-36	2-37	49	12	STORM SEW CL A 1 12	1.84	0.00
2GG	2-37	2-40	66	24	STORM SEW CL A 2 24	0.17	0.00
2HH	2-38	2-39	67	12	STORM SEW CL A 1 12	2.16	0.00
2II	2-39	2-40	62	12	STORM SEW CL A 1 12	1.65	0.00
2JJ	2-40	2-44	60	24	STORM SEW CL A 2 24	0.17	0.00
2KK	2-41	2-42	51	12	STORM SEW CL A 1 12	2.63	0.00
2LL	2-42	2-43	59	12	STORM SEW CL A 1 12	2.47	0.00
2MM	2-43	2-44	6	12	STORM SEW CL A 2 12	0.44	0.00
2NN	2-44	2-47	91	30	STORM SEW CL A 2 30	0.13	0.00
2OO	2-45	2-46	3	12	STORM SEW CL A 1 12	0.44	0.00
2PP	2-46	2-47	72	12	STORM SEW CL A 1 12	1.87	0.00
2QQ	2-48	2-16	15	30	STORM SEW CL A 1 30	1.27	0.00
2RR	2-20	2-48	128	15	STORM SEW CL A 2 15	1.17	122.37
2SS	2-26	2-20	193	12	STORM SEW CL A 2 12	1.24	223.99
2TT	2-27	2-49	101	12	STORM SEW CL A 1 12	0.45	0.00
2UU	2-49	2-29	74	12	STORM SEW CL A 1 12	2.70	0.00
4A	4-1	4-5	86	30	STORM SEW CL A 2 30	0.13	0.00
4B	4-1	4-2	42	12	STORM SEW CL A 1 12	3.50	0.00
4C	4-2	4-3	3	12	STORM SEW CL A 1 12	0.44	0.00
4D	4-3	4-4	67	12	STORM SEW CL A 1 12	2.28	0.00
4E	4-4	4-5	6	12	STORM SEW CL A 1 12	1.33	0.00
4F	4-5	4-8	86	30	STORM SEW CL A 2 30	0.13	0.00
4G	4-6	4-7	76	12	STORM SEW CL A 2 12	3.27	13.72
4H	4-7	4-8	6	12	STORM SEW CL A 2 12	0.44	0.00
4I	4-8	4-10	85	30	STORM SEW CL A 2 30	0.13	0.00
4J	4-9	4-10	86	12	STORM SEW CL A 1 12	2.62	0.00
4K	4-10	4-17	67	36	STORM SEW CL A 2 36	0.10	0.00
4L	4-11	4-12	33	12	STORM SEW CL A 2 12	0.45	0.00
4M	4-12	4-13	58	12	STORM SEW CL A 2 12	0.67	0.00
4N	4-13	4-18	10	15	STORM SEW WM REQ 15	0.40	0.00
4O	4-14	4-15	2	12	STORM SEW CL A 1 12	0.44	0.00
4P	4-15	4-16	72	12	STORM SEW CL A 2 12	2.57	11.17
4Q	4-16	4-17	3	12	STORM SEW CL A 2 12	0.73	0.00
4R	4-17	4-26	240	30	STORM SEW WM REQ 30	0.37	92.16
4S	4-18	4-20	80	18	STORM SEW CL A 2 18	0.28	87.50
4T	4-20	4-21	6	18	STORM SEW CL A 2 18	6.23	0.00
4U	4-19	4-21	79	12	STORM SEW WM REQ 12	0.44	9.77
4V	4-21	4-22	86	24	STORM SEW CL A 2 24	0.40	0.00
4W	4-24	4-23	65	36	STORM SEW CL A 2 36	0.14	0.00
4X	4-25	4-24	67	36	STORM SEW CL A 1 36	0.10	22.66
4Y	4-26	4-25	66	36	STORM SEW CL A 1 36	0.10	16.51
4Z	4-27	4-24	85	15	STORM SEW CL A 2 15	0.33	0.00
4AA	4-28	4-27	6	12	STORM SEW CL A 2 12	0.50	0.00
4BB	4-29	4-28	70	12	STORM SEW CL A 2 12	0.44	19.72
4CC	4-30	4-29	40	12	STORM SEW CL A 2 12	0.42	0.00
4DD	4-31	4-32	20	24	STORM SEW CL A 2 24	0.20	0.00
4EE	4-32	4-33	38	24	STORM SEW CL A 2 24	0.18	0.00
4FF	4-34	4-35	12	12	STORM SEW CL A 2 12	0.44	0.00
4GG	4-37	4-36	47	12	STORM SEW CL A 2 12	0.44	8.70
4HH	4-39	4-38	67	18	STORM SEW CL A 1 18	0.52	0.00
4II	4-42	4-44	6	12	STORM SEW CL A 1 12	0.44	0.00
4JJ	4-44	4-43	41	12	STORM SEW CL A 2 12	0.44	7.37
4KK	4-45	4-44	26	12	STORM SEW CL A 1 12	0.44	0.00
4LL	4-48	4-47	35	18	STORM SEW CL A 2 18	0.31	0.00
4MM	4-49	4-48	42	12	STORM SEW CL A 2 12	0.45	12.51
4NN	7-1	4-48	247	18	STORM SEW CL A 2 18	0.30	0.00
7A	7-2	7-1	42	12	STORM SEW CL A 2 12	0.46	7.19
7B	7-4	7-1	247	18	STORM SEW CL A 2 18	0.30	0.00
7C	7-5	7-4	44	12	STORM SEW CL A 2 12	0.44	6.22
7D	7-6	7-5	26	12	STORM SEW CL A 1 12	0.44	0.00
7E	7-10	7-4	146	18	STORM SEW CL A 2 18	0.44	0.00
7F	7-9	7-10	9	12	STORM SEW CL A 1 12	3.23	0.00

STORM SEWER SCHEDULE							
PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	TYPE	SLOPE (%)	TRENCH BACKFILL (CU YD)
7G	7-12	7-10	64	15	STORM SEW CL A 2 15	0.41	0.00
7H	7-13	7-12	18	15	STORM SEW CL A 2 15	0.50	0.00
7I	7-14	7-12	54	12	STORM SEW CL A 2 12	0.44	6.93
7J	7-11	7-8	216	24	STORM SEW CL A 1 24	0.97	0.00
7K	7-17	7-16	41	12	STORM SEW CL A 2 12	0.44	7.13
7L	7-18	7-17	26	12	STORM SEW CL A 1 12	0.44	0.00
7M	7-21	7-20	93	18	STORM SEW CL A 2 18	0.48	0.00
7N	7-22	7-21	44	12	STORM SEW CL A 2 12	0.44	5.52
7O	7-26	7-21	247	15	STORM SEW CL A 2 15	0.49	0.00
7P	7-24	7-25	166	24	STORM SEW CL A 2 24	1.92	23.13
7Q	7-27	7-26	42	12	STORM SEW CL A 2 12	0.46	6.64
7R	7-28	7-27	26	12	STORM SEW CL A 1 12	0.44	0.00
7S	8-1	7-26	147	15	STORM SEW CL A 2 15	0.50	0.00
8A	8-2	8-1	46	15	STORM SEW CL A 2 15	0.50	0.00
8B	8-5	8-2	102	15	STORM SEW CL A 2 15	0.51	0.00
8C	8-3	8-5	72	12	STORM SEW CL A 2 12	0.44	8.71
8D	8-6	8-5	235	12	STORM SEW CL A 2 12	0.44	0.00
8E	8-7	8-6	44	12	STORM SEW CL A 2 12	0.43	9.46
8F	8-8	8-7	20	12	STORM SEW CL A 2 12	0.45	4.92
8G	8-10	8-11	221	24	STORM SEW CL A 1 24	4.46	0.00
8H	8-12	8-13	34	12	STORM SEW CL A 1 12	2.44	0.00
8I	8-13	8-14	14	12	STORM SEW CL A 2 12	0.44	1.85
8J	8-14	8-15	34	12	STORM SEW CL A 2 12	1.62	4.49
8K	8-15	8-16	6	12	STORM SEW CL A 2 12	0.44	0.00
8L	8-16	8-17	16	24	STORM SEW CL A 2 24	0.19	0.00
8M	8-18	8-16	6	24	STORM SEW CL A 2 24	0.50	0.00
8N	8-22	8-18	172	36	STORM SEW CL A 2 36	0.10	0.00
8O	8-19	8-20	9	12	STORM SEW CL A 2 12	1.01	0.00
8P	8-20	8-21	90	12	STORM SEW CL A 2 12	0.44	22.01
8Q	8-21	8-22	6	12	STORM SEW CL A 2 12	0.44	0.00
8R	8-28	8-22	148	36	STORM SEW CL A 2 36	0.10	0.00
8S	8-23	8-24	5	12	STORM SEW CL A 2 12	0.44	0.00
8T	8-24	8-25	34	12	STORM SEW CL A 2 12	0.44	6.74
8U	8-25	8-26	14	12	STORM SEW CL A 2 12	0.44	3.72
8V	8-26	8-27	34	12	STORM SEW CL A 2 12	0.44	8.34
8W	8-27	8-28	6	12	STORM SEW CL A 2 12	0.44	0.00
8X	8-33	8-28	233	36	STORM SEW CL A 2 36	0.10	0.00
8Y	8-29	8-30	34	12	STORM SEW CL A 2 12	0.44	5.81
8Z	8-30	8-31	14	12	STORM SEW CL A 2 12	0.44	3.33
8AA	8-31	8-32	34	12	STORM SEW CL A 2 12	0.44	7.42
8BB	8-32	8-33	6	12	STORM SEW CL A 2 12	0.44	0.00
8CC	8-34	8-29	6	12	STORM SEW CL A 1 12	0.44	0.00
8DD	8-35	8-32	6	12	STORM SEW CL A 1 12	0.44	0.00
8EE	8-38	8-33	222	36	STORM SEW CL A 2 36	0.10	0.00
8FF	8-36	8-37	90	12	STORM SEW CL A 2 12	0.44	13.35
8GG	8-37	8-38	6	12	STORM SEW CL A 2 12	0.44	0.00
8HH	9-5	8-38	154	36	STORM SEW CL A 2 36	0.10	0.00
9A	9-1	9-2	34	12	STORM SEW CL A 2 12	0.44	5.65
9B	9-2	9-3	14	12	STORM SEW CL A 2 12	0.44	3.27
9C	9-3	9-4	34	12	STORM SEW CL A 2 12	0.44	7.26
9D	9-4	9-5	6	12	STORM SEW CL A 2 12	0.44	0.00
9E	9-8	9-5	153	36	STORM SEW CL A 2 36	0.10	0.00
9F	9-6	9-7	90	12	STORM SEW CL A 2 12	0.44	13.30
9G	9-7	9-8	6	12	STORM SEW CL A 2 12	0.44	0.00
9H	9-9	9-10	90	12	STORM SEW CL A 2 12	0.44	13.35
9I	9-10	9-11	6	12	STORM SEW CL A 2 12	0.44	0.01

STORM SEWER SCHEDULE							
PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	TYPE	SLOPE (%)	TRENCH BACKFILL (CU YD)
10R	10-20	10-21	45	15	STORM SEW CL A 2 15	0.33	0.00
10S	10-21	10-26	84	18	STORM SEW CL A 2 18	0.26	0.00
10T	10-23	10-22	3	12	STORM SEW CL A 2 12	1.00	0.00
10U	10-22	10-29	105	30	STORM SEW CL A 2 30	0.13	0.00
10V	10-24	10-25	28	12	STORM SEW CL A 1 12	1.86	0.00
10W	10-25	10-26	4	12	STORM SEW CL A 2 12	1.00	0.00
10X	10-26	10-33	121	18	STORM SEW CL A 2 18	0.26	5.84
10Y	10-27	10-28	31	24	STORM SEW CL A 2 24	0.48	0.00
10Z	10-28	10-29	43	42	STORM SEW CL A 2 42	0.09	0.00
10AA	10-30	10-29	3	12	STORM SEW CL A 1 12	1.67	0.00
10BB	10-31	10-32	31	12	STORM SEW CL A 1 12	2.03	0.00
10CC	10-32	10-33	6	12	STORM SEW CL A 1 12	0.44	0.00
10DD	10-29	10-34	160	42	STORM SEW CL A 2 42	0.09	0.00
10EE	10-33	10-35	152	24	STORM SEW CL A 1 24	0.17	0.00
10FF	10-34	10-35	103	42	STORM SEW CL A 2 42	0.08	61.41
10GG	10-35	10-36	115	42	STORM SEW CL A 2 42	0.08	0.00
10HH	10-37	10-40	6	12	STORM SEW CL A 2 12	0.50	0.98
10II	10-38	10-43	6	12	STORM SEW CL A 1 12	0.50	0.00
10JJ	10-39	10-40	9	24	STORM SEW CL A 2 24	0.44	0.00
10KK	10-40	10-41	31	24	STORM SEW CL A 2 24	0.45	18.99
10LL	10-41	10-42	18	24	STORM SEW CL A 2 24	0.50	12.56
10MM	10-42	10-43	22	24	STORM SEW CL A 2 24	0.45	14.26
10NN	10-43	10-44	8	24	STORM SEW CL A 2 24	0.50	0.00
10OO	10-44	10-45	106	30	STORM SEW CL A 2 30	0.13	0.00
10PP	10-48	10-44	134	30	STORM SEW CL A 2 30	0.13	0.00
10QQ	10-46	10-47	68	12	STORM SEW CL A 2 12	0.44	0.00
10RR	10-47	10-48	9	12	STORM SEW CL A 2 12	0.49	0.00
10SS	10-54	10-48	127	30	STORM SEW CL A 2 30	0.13	0.00
10TT	10-49	10-50	8	24	STORM SEW CL A 2 24	0.50	0.00
10UU	10-50	10-51	22	24	STORM SEW CL A 2 24	0.45	15.52
10VV	10-51	10-52	18	24	STORM SEW CL A 2 24	0.39	13.96
10WW	10-52	10-53	22	24	STORM SEW CL A 2 24	0.45	16.27
10XX	10-53	10-54	12	24	STORM SEW CL A 2 24	0.50	0.00
10YY	10-60	10-54	208	24	STORM SEW CL A 2 24	0.17	0.00
10ZZ	10-55	10-56	12	12	STORM SEW CL A 2 12	0.44	0.00
10AB	10-56	10-57	22	24	STORM SEW CL A 2 24	0.44	16.77
10AC	10-57	10-58	10	12	STORM SEW CL A 2 12	0.44	7.86
10AD	10-58	10-59	31	12	STORM SEW CL A 2 12	0.44	23.31
10AE	10-59	10-60	11	12	STORM SEW CL A 2 12	0.44	0.00
12A	12-4	10-60	222	15	STORM SEW CL A 2 15	0.32	0.00
12B	12-1	12-2	28	12	STORM SEW CL A 2 12	0.44	4.41
12C	12-2	12-3	46	12	STORM SEW CL A 2 12	0.44	7.29
12D	12-3	12-4	11	12	STORM SEW CL A 2 12	0.44	0.00
12E	12-8	12-4	63	15	STORM SEW CL A 2 15	0.32	0.00
12F	12-5	12-6	27	12	STORM SEW CL A 3 12	0.44	0.00
12G	12-6	12-7	120	15	STORM SEW CL A 2 15	0.32	91.87
12H	12-7	12-8	11	15	STORM SEW CL A 2 15	0.36	0.00
12I	12-9	12-6	22	12	STORM SEW CL A 2 12	0.49	0.00
12J	12-10	12-11	55	12	STORM SEW CL A 1 12	0.73	0.00
12K	12-11	12-15	122	12	STORM SEW CL A 2 12	0.44	0.00
12L	12-12	12-14	58	12	STORM SEW CL A 2 12	0.44	12.76
12M	12-14	12-17	17	12	STORM SEW CL A 2 12	0.44	4.50
12N	12-15	12-16	4	12	STORM SEW CL A 2 12	0.44	0.00
12O	12-16	12-13	49	24	STORM SEW CL A 2 24	0.44	15.36
12P	12-13	12-17	39	24	STORM SEW CL A 2 24	0.44	13.71
12Q	12-18	12-17	49	36	STORM SEW CL A 1 36	0.12	15.20
12R	12-17	12-24	183	54	STORM SEW CL A 2 54	0.06	42.34
12S	12-19	12-18	25	24	STORM SEW CL A 2 24	0.20	0.00
12T	12-20	12-21	46	12	STORM SEW CL A 2 12	0.44	8.01
12U	12-21	12-22	3	12	STORM SEW CL A 2 12	0.44	0.88
12V	12-22	12-23	22	12	STORM SEW CL A 2 12	0.44	4.36
12W	12-23	12-24	6	12	STORM SEW CL A 2 12	0.44	0.00
12X	12-24	12-27	284	54	STORM SEW CL A 2 54	0.06	0.00
12Y	12-25	12-26	63	12	STORM SEW CL A 2 12	0.44	0.00
12Z	12-26	12-27	6	12	STORM SEW CL A 2 12	0.44	0.00
12AA	12-27	12-32	154	54	STORM SEW CL A 2 54	0.06	0.00
12BB	12-28	12-29	22	12	STORM SEW CL A 2 12	0.44	3.24
12CC	12-29	12-30	6	12	STORM SEW CL A 2 12	0.44	1.09
12DD	12-30	12-31	22	12	STORM SEW CL A 2 12	0.44	3.54
12EE	12-31	12-32	6	12	STORM SEW CL A 2 12	0.44	0.00
12FF	12-32	12-35	153	54	STORM SEW CL A 2 54	0.06	0.00
12GG	12-33	12-34	58	12	STORM SEW CL A 2 12	0.44	0.00
12HH	12-34	12-35	6	12	STORM SEW CL A 2 12	0.44	0.00
12II	12-35	12-40	153	54	STORM SEW CL A 1 54	0.06	0.00
12JJ	12-36	12-37	22	12	STORM SEW CL A 2 12	0.44	3.24
12KK	12-37	12-38	6	12	STORM SEW CL A 2 12	0.44	1.09
12LL	12-38	12-39	22	12	STORM SEW CL A 2 12	0.44	3.54
12MM	12-39	12-40	6	12	STORM SEW CL A 2 12	0.44	0.00
13A	13-1	13-1	145	54	STORM SEW CL A 1 54	0.06	0.00
13B	13-1	13-3	7	12	STORM SEW CL A 2 12	0.57	0.00
13C	13-3	13-2	110	24	STORM SEW CL A 2 24	0.22	11.19
13D	13-4	13-3	7	12	STORM SEW CL A 2 12	0.57	0.00
13E	13-11	13-4	78	48	STORM SEW CL A 1 48	0.07	0.00
13F	13-5	13-7	6	12	STORM SEW CL A 1 12	0.44	0.00
13G	13-6	13-10	6	12	STORM SEW CL A 1 12	0.44	0.00
13H	13-7	13-8	22	12	STORM SEW CL A 2 12	0.44	3.26
13I	13-8	13-9	6	12	STORM SEW CL A 2 12	0.44	1.09
13J	13-9	13-10	22	12	STORM SEW CL A 2 12	0.44	3.55
13K	13-10	13-11	6	12	STORM SEW CL A 2 12	0.44	0.00
13L	13-14	13-11	113	48	STORM SEW CL A 1 48	0.07	0.00
13M	13-12	13-13	58	12	STORM SEW CL A 2 12	0.44	0.00
13N	13-13	13-14	6	12	STORM SEW CL A 2 12	0.44	0.00
13O	13-19	13-14	153	48	STORM SEW CL A 1 48	0.07	0.00
13P	13-15	13-16	22	12	STORM SEW CL A 2 12	0.45	14.34
13Q	13-16	13-17	6	12	STORM SEW CL A 2 12	0.50	4.38
13R	13-17	13-18	22	12	STORM SEW CL A 2 12	0.45	14.80
13S	13-18	13-19	6	12	STORM SEW CL A 2 12	0.50	0.00
13T	13-22	13-19	153	48	STORM SEW CL A 2 48	0.07	0.00
13U	13-20	13-21	58	12	STORM SEW CL A 2 12	0.44	0.00
13V	13-21	13-22	6	12	STORM SEW CL A 2 12	0.44	0.00

STORM SEWER SCHEDULE							
PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	TYPE	SLOPE (%)	TRENCH BACKFILL (CU YD)
13W	13-27	13-22	153	48	STORM SEW CL A 2 48	0.07	0.00
13X	13-23	13-24	22	12	STORM SEW CL A 2 12	0.44	3.24
13Y	13-24	13-25	6	12	STORM SEW CL A 2 12	0.44	1.09
13Z	13-25	13-26	22	12	STORM SEW CL A 2 12	0.44	3.54
13AA	13-26	13-27	6	12	STORM SEW CL A 2 12	0.44	0.00
13BB	13-30	13-27	153	48	STORM SEW CL A 2 48	0.07	0.00
13CC	13-28	13-29	58	12	STORM SEW CL A 2 12	0.44	0.00
13DD	13-29	13-30	6	12	STORM SEW CL A 2 12	0.44	0.00
13EE	13-31	13-32	58	12	STORM SEW CL A 2 12	0.44	0.00
13FF	13-32	13-33	6	12	STORM SEW CL A 2 12	0.44	0.00
13GG	13-33	13-38	195	60	STORM SEW CL A 2 60	0.05	0.00
13HH	13-34	13-35	22	12	STORM SEW CL A 2 12	0.44	3.23
13II	13-35	13-36	6	12	STORM SEW CL A 2 12	0.44	1.09
13JJ	13-36	13-37	22	12	STORM SEW CL A 2 12	0.44	3.55
13KK	13-37	13-38	6	12	STORM SEW CL A 2 12	0.44	0.00
14A	13-38	14-1	185	60	STORM SEW CL A 2 60	0.05	0.00
14B	14-1	14-5	6	36	STORM SEW CL A 2 36	0.67	0.00
14C	14-3	14-2	69	36	STORM SEW CL A 3 36	0.55	0.00
14D	14-4	14-3	58	30	STORM SEW CL A 3 30	0.13	128.56
14E	14-5	14-4	6	30	STORM SEW CL A 3 30	0.13	0.00
14F	14-2	14-6	12	36	STORM SEW CL A 1 36	0.17	0.00
14G	14-7	14-5	6	36	STORM SEW CL A 3 36	1.24	0.00
14H	14-12	14-7	186	60	STORM SEW CL A 2 60	0.05	0.00
14I	14-8	14-9	22	12	STORM SEW CL A 2 12	0.44	3.25
14J	14-9	14-10	14	12	STORM SEW CL A 2 12	0.44	2.58
14K	14-10	14-11	22	12	STORM SEW CL A 2 12	0.44	3.62
14L	14-11	14-12	7	12	STORM SEW CL A 2 12	0.44	0.00
14M	14-15	14-12	207	60	STORM SEW CL A 2 60	0.05	0.00
14N	14-13	14-14	75	12	STORM SEW CL A 2 12	0.44	11.90
14O	14-14	14-15	6	12	STORM SEW CL A 2 12	0.44	0.00
14P	14-22	14-15	89	60	STORM SEW CL A 2 60	0.05	0.00
14Q	14-16	14-18	6	12	STORM SEW CL A 1 12	0.44	0.00
14R	14-17	14-21	6	12	STORM SEW CL A 1 12	0.44	0.00
14S	14-18	14-19	22	12	STORM SEW CL A 2 12	0.44	3.31
14T	14-19	14-20	25	12	STORM SEW CL A 2 12	0.44	4.69
14U	14-20	14-21	24	12	STORM SEW CL A 2 12	0.44	4.12
14V	14-21	14-22	3	12	STORM SEW CL A 2 12	0.73	0.00
14W	14-27	14-22	180	60	STORM SEW CL A 2 60	0.05	0.00
14X	14-23	14-24	22	12	STORM SEW CL A 2 12	0.44	3.24
14Y	14-24	14-25	11	12	STORM SEW CL A 2 12	0.44	2.10
14Z	14-25	14-26	44	12	STORM SEW CL A 2 12	0.44	7.45
14AA	14-26	14-27	3	12	STORM SEW CL A 2 12	1.03	0.00
14BB	14-31	14-27	161	60	STORM SEW CL A 2 60	0.05	0.00
14CC	14-28	14-29	28	12	STORM SEW CL A 2 12	0.44	4.17
14DD	14-29	14-30	58	12	STORM SEW CL A 2 12	0.44	8.84
14EE	14-30	14-31	6	12	STORM SEW CL A 2 12	0.44	0.00
14FF	14-32	14-31	119	36	STORM SEW CL A 2 36	0.10	0.00
14GG	14-33	14-32	22	36	STORM SEW CL A 2 36	0.10	0.00
14HH	14-34	14-32	24	12	STORM SEW CL A 2 12	0.62	0.00
14II	14-35	14-33	94	36	STORM SEW CL A 3 3		

STORM SEWER SCHEDULE							
PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	TYPE	SLOPE (%)	TRENCH BACKFILL (CU YD)
15MM	15-39	15-38	38	12	STORM SEW CL A 2 12	0.44	5.96
15NN	15-40	15-39	26	12	STORM SEW CL A 2 12	0.44	4.96
15OO	15-41	15-40	22	12	STORM SEW CL A 2 12	0.44	3.27
15PP	15-43	15-37	126	60	STORM SEW CL A 2 60	0.05	0.00
15OO	15-42	15-43	7	12	STORM SEW CL A 2 12	0.44	0.00
15RR	15-44	15-43	6	12	STORM SEW CL A 1 12	0.44	0.00
15SS	15-45	15-44	94	12	STORM SEW CL A 1 12	0.44	0.00
16A	16-1	15-43	188	60	STORM SEW CL A 2 60	0.05	0.00
16B	16-2	16-1	48	12	STORM SEW CL A 1 12	0.44	0.00
16C	16-3	16-2	3	12	STORM SEW CL A 1 12	1.33	0.00
16D	16-4	16-1	100	60	STORM SEW CL A 2 60	0.05	0.00
16E	16-5	16-4	6	12	STORM SEW CL A 2 12	0.44	0.00
16F	16-6	16-5	48	12	STORM SEW CL A 2 12	0.44	37.55
16G	16-7	16-6	46	12	STORM SEW CL A 2 12	0.44	35.88
16H	16-8	16-7	14	12	STORM SEW CL A 2 12	0.75	0.00
16I	16-9	16-4	86	60	STORM SEW CL A 2 60	0.05	0.00
16J	16-10	16-9	69	60	STORM SEW CL A 2 60	0.06	0.00
16K	16-11	16-10	9	42	STORM SEW CL A 2 42	0.08	0.00
16L	16-12	16-11	51	42	STORM SEW CL A 2 42	0.08	46.10
16M	16-13	16-12	52	42	STORM SEW CL A 2 42	0.08	48.77
16N	16-14	16-13	8	42	STORM SEW CL A 2 42	0.10	0.00
16O	16-15	16-10	140	60	STORM SEW CL A 2 60	0.05	0.00
16P	16-20	16-14	180	42	STORM SEW CL A 2 42	0.08	0.00
16Q	16-16	16-15	7	12	STORM SEW CL A 2 12	0.44	0.00
16R	16-18	16-17	3	12	STORM SEW CL A 1 12	0.44	0.00
16S	16-19	16-18	55	12	STORM SEW CL A 2 12	0.44	0.00
16T	16-21	16-18	6	12	STORM SEW CL A 1 12	0.51	0.00
16U	16-22	16-20	6	12	STORM SEW CL A 2 12	0.45	2.32
16V	16-17	16-23	127	18	STORM SEW CL A 1 18	0.31	0.00
16W	16-24	16-23	6	12	STORM SEW CL A 2 12	0.44	0.00
16X	16-23	25-2	65	18	STORM SEW CL A 2 18	0.26	0.00
17A	17-1	17-5	38	12	STORM SEW CL A 1 12	0.44	0.00
17B	17-3	17-2	13	12	STORM SEW CL A 1 12	0.44	0.00
17C	17-2	17-4	19	12	STORM SEW CL A 1 12	0.44	0.00
17D	17-5	17-4	10	24	STORM SEW CL A 1 24	0.44	0.00
17E	17-6	17-5	66	24	STORM SEW CL A 2 24	0.32	0.00
17F	17-7	17-6	4	30	STORM SEW CL A 1 30	0.25	0.00
17G	17-8	17-7	2	12	STORM SEW CL A 1 12	0.44	0.00
17H	17-9	17-7	59	30	STORM SEW CL A 1 30	0.13	0.00
17I	17-10	17-9	67	12	STORM SEW WM REQ 12	0.44	7.14
17J	17-11	17-9	67	30	STORM SEW CL A 2 30	0.13	0.00
17K	17-12	17-11	26	12	STORM SEW CL A 1 12	1.04	0.00
17L	17-13	17-12	18	12	STORM SEW CL A 1 12	0.44	0.00
17M	17-14	17-11	112	12	STORM SEW CL A 2 12	1.00	0.00
17N	17-15	17-14	2	12	STORM SEW CL A 1 12	0.44	0.00
17O	17-16	17-15	35	12	STORM SEW CL A 1 12	1.23	0.00
17P	17-18	17-17	24	12	STORM SEW CL A 2 12	0.44	4.11
17Q	17-19	17-18	44	12	STORM SEW WM REQ 12	0.44	6.73
17R	17-17	17-20	148	12	STORM SEW CL A 2 12	2.18	0.00
17S	17-21	17-20	21	12	STORM SEW CL A 2 12	0.38	0.00
17T	17-22	17-21	41	12	STORM SEW CL A 2 12	0.80	26.56
18A	18-1	18-2	51	15	STORM SEW CL A 1 15	3.45	0.00
18B	18-4	18-3	118	36	STORM SEW CL A 1 36	6.14	0.00
18C	18-6	18-5	8	12	STORM SEW CL A 1 12	0.44	0.00
18D	18-7	18-8	8	12	STORM SEW CL A 1 12	0.44	0.00
18E	18-9	18-6	7	12	STORM SEW CL A 1 12	0.44	0.00
18F	18-10	18-7	7	12	STORM SEW CL A 1 12	0.44	0.00
18G	18-11	18-12	4	12	STORM SEW CL A 1 12	0.55	0.00
18H	18-14	18-13	8	12	STORM SEW CL A 1 12	0.44	0.00
18I	18-16	18-15	31	15	STORM SEW CL A 1 15	2.29	0.00
18J	18-18	18-17	6	12	STORM SEW CL A 1 12	0.44	0.00
18K	18-19	18-18	32	12	STORM SEW CL A 1 12	4.28	0.00
18L	18-20	18-21	4	12	STORM SEW CL A 1 12	0.44	0.00
18M	18-23	18-22	9	12	STORM SEW CL A 2 12	0.44	0.00
18N	18-24	18-23	72	12	STORM SEW CL A 2 12	0.44	62.05
18O	18-25	18-24	15	12	STORM SEW CL A 2 12	0.44	0.00
18P	18-22	19-1	191	18	STORM SEW CL A 2 18	0.26	0.00
18Q	18-26	18-25	60	12	STORM SEW CL A 2 12	0.44	0.00
19A	19-2	19-1	7	12	STORM SEW CL A 2 12	2.00	0.00
19B	19-3	19-2	28	12	STORM SEW CL A 2 12	1.79	5.65
19C	19-1	4-21	221	18	STORM SEW CL A 2 18	0.26	0.00
20A	20-1	20-2	68	12	STORM SEW CL A 2 12	0.44	11.59
20B	20-2	20-3	21	12	STORM SEW CL A 2 12	0.48	0.00
20C	20-3	10-20	135	15	STORM SEW CL A 2 15	0.32	0.00
20D	20-4	10-18	81	12	STORM SEW CL A 1 12	0.62	0.00
20E	20-6	10-19	8	30	STORM SEW CL A 1 30	0.13	0.00
20F	20-5	20-6	140	30	STORM SEW CL A 1 30	0.18	18.19
21A	21-1	21-2	68	12	STORM SEW CL A 2 12	0.44	10.99
21B	21-2	21-3	6	12	STORM SEW CL A 2 12	0.50	0.00
21C	21-3	21-7	213	24	STORM SEW CL A 2 24	0.17	0.00
21D	21-4	21-5	10	36	STORM SEW CL A 2 36	0.80	0.00
21E	21-5	21-6	60	36	STORM SEW CL A 2 36	0.44	46.73
21F	21-6	21-7	7	36	STORM SEW CL A 2 36	0.44	0.00
21G	21-7	21-8	44	36	STORM SEW CL A 2 36	0.14	0.00
21H	21-13	21-7	216	24	STORM SEW CL A 2 24	0.17	0.00
21I	21-10	21-9	45	15	STORM SEW CL A 1 15	2.24	0.00
21J	21-11	21-12	46	12	STORM SEW CL A 2 12	0.44	9.28
21K	21-12	21-13	7	12	STORM SEW CL A 2 12	0.44	0.00
21L	21-14	21-13	153	24	STORM SEW CL A 2 24	0.17	0.00
21M	21-16	21-14	157	24	STORM SEW CL A 2 24	0.17	0.00
21N	21-15	21-16	60	18	STORM SEW CL A 2 18	0.27	8.33
22A	22-1	22-2	75	12	STORM SEW CL A 1 12	0.44	0.00
22B	22-2	22-4	197	18	STORM SEW CL A 1 18	0.26	0.00
22C	22-3	22-4	84	12	STORM SEW CL A 1 12	0.44	0.00
22D	22-4	22-8	294	24	STORM SEW CL A 1 24	0.17	0.00
22E	22-5	22-6	11	12	STORM SEW CL A 2 12	0.44	0.00
22F	22-6	22-7	56	12	STORM SEW CL A 2 12	0.44	17.75
22G	22-7	22-8	12	12	STORM SEW CL A 2 12	0.44	0.00
22H	22-8	12-19	123	24	STORM SEW CL A 1 24	0.17	0.00
22I	22-9	12-12	77	12	STORM SEW CL A 2 12	0.44	0.00

STORM SEWER SCHEDULE							
PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	TYPE	SLOPE (%)	TRENCH BACKFILL (CU YD)
23A	23-1	12-5	308	12	STORM SEW CL A 3 12	0.44	0.00
23B	EXIST.	23-1	2	12	STORM SEW CL A 2 12	0.44	0.00
23C	23-2	EXIST.	2	12	STORM SEW WM REQ 12	0.44	0.00
23D	23-4	23-3	218	12	STORM SEW CL A 2 12	0.44	0.00
23E	23-5	23-4	3	12	STORM SEW CL A 1 12	0.67	0.00
23F	23-6	23-5	43	12	STORM SEW CL A 1 12	0.44	0.00
23G	23-7	23-5	7	12	STORM SEW CL A 1 12	0.44	0.00
23H	23-8	23-6	7	12	STORM SEW CL A 1 12	0.44	0.00
24A	24-3	EXIST.	84	30	STORM SEW WM REQ 12	0.13	0.00
24B	24-8	24-7	73	12	STORM SEW WM REQ 12	0.44	17.75
24C	24-7	EXIST.	230	18	STORM SEW CL A 2 18	0.26	0.00
25A	25-1	25-2	17	12	STORM SEW WM REQ 12	0.44	0.00
25B	25-2	EXIST.	48	24	STORM SEW CL A 1 24	0.17	0.00
25C	25-5	25-4	90	12	STORM SEW CL A 2 12	0.44	14.70
25D	25-6	25-5	3	12	STORM SEW CL A 1 12	0.44	0.00
26A	26-2	26-1	36	15	STORM SEW CL A 1 15	0.53	0.00
27A	27-2	27-1	35	12	STORM SEW CL A 1 12	1.69	0.00

NOTES: 1. CLASS A PIPE CULVERTS AND CLASS A STORM SEWERS SHALL CONSIST OF THE FOLLOWING MATERIALS: REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE
 2. PIPES DESIGNATED "WM REQ" SHALL SATISFY WATER MAIN REQUIREMENTS (SEE SPECIAL PROVISIONS).



USER NAME = jmaeke(Chicago_R)
 PLOT CONFIG = PDF(Grey_Large).plt
 PLOT SCALE = 1:50
 PLOT DATE = 7/29/2010

DESIGNED - EYC
 DRAWN - JJS
 CHECKED - ADJ
 DATE - 8/2/2010

REVISED -
 REVISED -
 REVISED -
 REVISED -



MCHENRY COUNTY
 DIVISION OF TRANSPORTATION

RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
 RAKOW ROAD DRAINAGE SCHEDULE OF QUANTITIES
 SCALE: NA SHEET NO. DU 45 OF 47 STA. TO STA.

F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 228
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT CONTRACT NO. 63398		

EXISTING STRUCTURE REMOVAL SCHEDULE					
	STRUCTURE TYPE	STATION	OFFSET		NO.
RAKOW RD.	MANHOLE	88+01.02	50.6	LT	1
RAKOW RD.	INLET	89+12.29	43.3	LT	1
RAKOW RD.	CATCH BASIN	90+12.32	44.4	LT	1
RAKOW RD.	FLARED END SECTION	95+28.71	55.0	LT	1
RAKOW RD.	FLARED END SECTION	95+37.58	54.6	RT	1
RAKOW RD.	CATCH BASIN	95+64.09	54.3	LT	1
RAKOW RD.	FLARED END SECTION	95+74.17	63.6	RT	1
RAKOW RD.	FLARED END SECTION	99+56.17	52.8	LT	1
RAKOW RD.	CATCH BASIN	101+10.73	66.8	LT	1
RAKOW RD.	CATCH BASIN	108+25.45	50.1	RT	1
RAKOW RD.	FLARED END SECTION	109+77.01	56.3	RT	1
RAKOW RD.	FLARED END SECTION	113+74.29	1.6	LT	1
RAKOW RD.	FLARED END SECTION	114+26.43	31.9	LT	1
RAKOW RD.	FLARED END SECTION	114+45.25	188.7	LT	1
RAKOW RD.	FLARED END SECTION	118+79.56	327.0	LT	1
RAKOW RD.	MANHOLE	120+39.10	401.3	LT	1
RAKOW RD.	CATCH BASIN	120+42.33	390.3	LT	1
RAKOW RD.	MANHOLE	122+86.13	431.7	LT	1
RAKOW RD.	MANHOLE	125+21.84	417.4	LT	1
RAKOW RD.	CATCH BASIN	125+38.58	400.0	LT	1
RAKOW RD.	FLARED END SECTION	125+56.89	503.6	LT	1
RAKOW RD.	FLARED END SECTION	127+08.56	337.8	LT	1
RAKOW RD.	FLARED END SECTION	136+96.14	60.1	LT	1
RAKOW RD.	FLARED END SECTION	139+92.82	138.8	LT	1
RAKOW RD.	FLARED END SECTION	139+87.77	63.8	LT	1
RAKOW RD.	FLARED END SECTION	139+87.35	57.4	LT	1
RAKOW RD.	FLARED END SECTION	139+84.77	41.0	RT	1
RAKOW RD.	FLARED END SECTION	146+85.11	37.4	RT	1
RAKOW RD.	FLARED END SECTION	162+82.42	83.9	LT	1
RAKOW RD.	FLARED END SECTION	162+89.30	22.2	RT	1
RAKOW RD.	FLARED END SECTION	168+81.36	17.8	RT	1
RAKOW RD.	FLARED END SECTION	168+87.44	80.5	LT	1
RAKOW RD.	FLARED END SECTION	169+07.79	99.6	LT	1
RAKOW RD.	MANHOLE	170+03.90	94.3	LT	1
RAKOW RD.	FLARED END SECTION	170+41.65	87.5	LT	1
RAKOW RD.	FLARED END SECTION	169+11.52	72.0	RT	1
RAKOW RD.	FLARED END SECTION	169+94.54	75.8	RT	1
RAKOW RD.	FLARED END SECTION	172+19.99	24.8	RT	1
RAKOW RD.	FLARED END SECTION	172+66.93	25.6	RT	1
RAKOW RD.	FLARED END SECTION	172+83.78	59.9	LT	1
RAKOW RD.	FLARED END SECTION	173+14.04	25.1	RT	1
RAKOW RD.	FLARED END SECTION	173+36.91	54.3	LT	1
RAKOW RD.	FLARED END SECTION	173+75.31	27.4	RT	1
RAKOW RD.	FLARED END SECTION	174+93.54	24.2	RT	1
RAKOW RD.	FLARED END SECTION	174+94.83	46.3	LT	1
RAKOW RD.	FLARED END SECTION	184+83.01	44.9	RT	1
RAKOW RD.	FLARED END SECTION	184+83.30	61.3	LT	1
RAKOW RD.	FLARED END SECTION	195+82.90	18.2	RT	1
RAKOW RD.	FLARED END SECTION	195+82.99	48.3	LT	1
RAKOW RD.	FLARED END SECTION	196+32.83	39.3	LT	1
RAKOW RD.	FLARED END SECTION	211+23.37	40.3	LT	1
RAKOW RD.	FLARED END SECTION	215+82.28	19.1	RT	1
RAKOW RD.	MANHOLE	215+83.09	42.7	LT	1
RAKOW RD.	FLARED END SECTION	215+83.81	80.8	LT	1
RAKOW RD.	FLARED END SECTION	216+33.28	57.2	LT	1
RAKOW RD.	FLARED END SECTION	222+77.10	77.6	LT	1
RAKOW RD.	MANHOLE	222+83.08	56.5	LT	1
RAKOW RD.	MANHOLE	223+80.03	49.6	LT	1
RAKOW RD.	CATCH BASIN	223+83.89	38.8	LT	1
RAKOW RD.	MANHOLE	226+85.09	45.3	LT	1
RAKOW RD.	MANHOLE	229+82.96	47.5	LT	1
RAKOW RD.	CATCH BASIN	229+82.44	37.2	LT	1
RAKOW RD.	MANHOLE	232+80.05	46.5	LT	1
RAKOW RD.	CATCH BASIN	234+80.32	40.0	LT	1
RAKOW RD.	FLARED END SECTION	235+89.10	36.8	LT	1
RAKOW RD.	MANHOLE	223+82.79	37.1	RT	1
RAKOW RD.	CATCH BASIN	223+83.62	29.0	RT	1
RAKOW RD.	MANHOLE	226+33.12	43.4	RT	1
RAKOW RD.	FLARED END SECTION	229+21.03	48.4	RT	1
RAKOW RD.	CATCH BASIN	232+79.24	48.4	RT	1
RAKOW RD.	FLARED END SECTION	237+80.36	38.3	LT	1
RAKOW RD.	FLARED END SECTION	237+85.25	43.7	RT	1
RAKOW RD.	FLARED END SECTION	240+00.06	53.3	RT	1
RAKOW RD.	FLARED END SECTION	241+57.12	55.2	RT	1
RAKOW RD.	INLET	244+83.35	23.2	LT	1
RAKOW RD.	CATCH BASIN	244+82.16	34.4	LT	1
RAKOW RD.	MANHOLE	245+73.22	42.0	LT	1
RAKOW RD.	INLET	246+46.98	23.6	LT	1
RAKOW RD.	INLET	246+56.37	23.7	LT	1
RAKOW RD.	CATCH BASIN	246+57.06	34.3	LT	1
RAKOW RD.	MANHOLE	246+57.21	41.4	LT	1
RAKOW RD.	INLET	247+32.69	26.8	LT	1
RAKOW RD.	INLET	247+52.70	30.4	LT	1
RAKOW RD.	CATCH BASIN	247+52.27	40.7	LT	1
ACKMAN RD.	MANHOLE	9+23.53	28.9	LT	1
ACKMAN RD.	INLET	11+39.28	27.2	LT	1

EXISTING STRUCTURE REMOVAL SCHEDULE					
	STRUCTURE TYPE	STATION	OFFSET		NO.
MCHENRY AVE.	FLARED END SECTION	12+35.00	51.0	RT	1
MCHENRY AVE.	FLARED END SECTION	12+75.63	54.3	RT	1
MCHENRY AVE.	FLARED END SECTION	14+14.79	41.5	LT	1
MCHENRY AVE.	FLARED END SECTION	14+36.75	42.1	LT	1
MCHENRY AVE.	FLARED END SECTION	14+28.81	56.8	RT	1
MCHENRY AVE.	FLARED END SECTION	14+80.98	57.2	RT	1
MCHENRY AVE.	FLARED END SECTION	15+76.24	46.0	LT	1
MCHENRY AVE.	FLARED END SECTION	15+98.33	46.0	LT	1
MCHENRY AVE.	FLARED END SECTION	18+84.60	54.5	LT	1
MCHENRY AVE.	FLARED END SECTION	18+98.27	63.8	LT	1
MCHENRY AVE.	CATCH BASIN	19+01.32	50.6	RT	1
PYOTT RD.	FLARED END SECTION	48+56.50	39.9	LT	1
PYOTT RD.	FLARED END SECTION	48+55.79	36.9	RT	1
PYOTT RD.	FLARED END SECTION	52+16.28	42.4	RT	1
PYOTT RD.	FLARED END SECTION	51+37.07	57.4	LT	1
PYOTT RD.	FLARED END SECTION	53+21.59	46.9	LT	1
PYOTT RD.	FLARED END SECTION	53+21.61	40.8	LT	1
PYOTT RD.	FLARED END SECTION	53+71.91	46.4	LT	1
PYOTT RD.	FLARED END SECTION	53+71.85	41.3	LT	1
PYOTT RD.	FLARED END SECTION	56+05.43	44.0	LT	1
PYOTT RD.	FLARED END SECTION	56+60.04	44.2	LT	1
VIRGINIA RD.	FLARED END SECTION	48+15.62	37.1	LT	1
VIRGINIA RD.	FLARED END SECTION	48+15.15	37.1	RT	1
VIRGINIA RD.	FLARED END SECTION	48+90.60	37.5	RT	1
VIRGINIA RD.	FLARED END SECTION	51+46.27	34.4	RT	1
VIRGINIA RD.	INLET	54+75.82	25.5	RT	1
VIRGINIA RD.	INLET	54+76.09	27.9	LT	1
VIRGINIA RD.	MANHOLE	55+35.26	29.9	LT	1
VIRGINIA RD.	MANHOLE	56+55.36	29.8	LT	1
VIRGINIA RD.	MANHOLE	56+51.30	28.4	RT	1
VIRGINIA RD.	INLET	57+02.39	23.8	LT	1
VIRGINIA RD.	INLET	57+02.57	22.5	RT	1
PINGREE RD.	FLARED END SECTION	19+06.27	35.0	RT	1
PINGREE RD.	FLARED END SECTION	19+05.71	38.0	LT	1
PINGREE RD.	FLARED END SECTION	19+27.06	41.7	RT	1
PINGREE RD.	CATCH BASIN	21+60.11	39.6	LT	1
PINGREE RD.	FLARED END SECTION	22+05.53	35.2	RT	1
PINGREE RD.	CATCH BASIN	22+48.76	38.6	LT	1
PINGREE RD.	FLARED END SECTION	23+69.70	37.1	RT	1
PINGREE RD.	FLARED END SECTION	24+54.41	37.1	RT	1
PINGREE RD.	FLARED END SECTION	26+56.95	27.8	LT	1
PINGREE RD.	FLARED END SECTION	26+59.05	27.1	RT	1
PINGREE RD.	CATCH BASIN	27+54.95	30.6	LT	1
IL ROUTE 31	CATCH BASIN	50+87.08	59.3	LT	1

EXISTING PIPE DRAIN REMOVAL SCHEDULE					
	FROM	TO	LENGTH (FT)	DIA. (IN)	MATERIAL
RAKOW RD.	87+69.62	87+98.77	33	6	PERF. PVC
RAKOW RD.	87+98.77	88+12.87	24	6	PERF. PVC
RAKOW RD.	95+28.71	95+37.58	110	6	PERF. PVC
RAKOW RD.	114+45.25	114+87.35	86	6	PERF. PVC
RAKOW RD.	127+08.56	127+31.55	64	6	PERF. PVC
RAKOW RD.	136+87.07	136+96.14	59	6	PERF. PVC
RAKOW RD.	146+85.11	146+86.06	59	6	PERF. PVC
RAKOW RD.	174+93.54	174+94.63	32	6	CPP
RAKOW RD.	184+43.56	184+71.40	58	6	CPP
RAKOW RD.	196+32.83	196+33.01	54	6	PERF. PVC
RAKOW RD.	211+23.37	211+23.49	42	6	PERF. PVC
RAKOW RD.	216+32.60	216+33.28	58	6	PERF. PVC
MCHENRY AVE.	18+84.60	18+87.06	86	6	PERF. PVC
PYOTT RD.	48+55.79	48+56.50	72	6	PERF. PVC
PYOTT RD.	51+36.30	51+37.07	90	6	PERF. PVC
VIRGINIA RD.	48+90.60	48+90.90	56	6	PERF. PVC
VIRGINIA RD.	51+46.27	51+46.60	56	6	PERF. PVC
PINGREE RD.	26+56.95	26+59.05	50	6	PERF. PVC

EXISTING STORM SEWER REMOVAL SCHEDULE						
	FROM	TO	LENGTH (FT)	DIA. (IN)	MATERIAL	
RAKOW RD.	88+01.02	89+12.29	109	12	RCP	
RAKOW RD.	89+12.29	90+12.32	98	12	RCP	
RAKOW RD.	90+54.32	90+93.46	40	18	CMP	
RAKOW RD.	95+64.62	95+74.06	118	36	PVC	
RAKOW RD.	99+56.17	101+10.73	166	24	RCP	
RAKOW RD.	108+25.45	109+77.01	149	24	RCP	
RAKOW RD.	113+74.29	114+26.43	56	30	CMP	
RAKOW RD.	118+79.56	120+39.10	195	24	RCP	
RAKOW RD.	120+39.10	120+42.33	12	18	RCP	
RAKOW RD.	120+39.10	122+86.13	284	24	RCP	
RAKOW RD.	122+86.13	125+21.84	271	24	RCP	
RAKOW RD.	125+21.84	125+38.58	26	24	RCP	
RAKOW RD.	125+38.58	125+56.89	106	24	RCP	
RAKOW RD.	139+84.77	139+87.35	99	24	RCP	
RAKOW RD.	139+87.77	139+92.82	75	24	RCP	
RAKOW RD.	162+82.42	162+89.30	106	24	RCP	
RAKOW RD.	168+81.36	168+87.44	98	24	RCP	
RAKOW RD.	169+07.79	170+03.90	97	36	RCP	
RAKOW RD.	170+03.90	170+41.65	39	36	RCP	
RAKOW RD.	169+11.52	169+94.54	83	24	RCP	
RAKOW RD.	172+19.99	172+66.93	44	18	CMP	
RAKOW RD.	172+83.78	173+14.04	90	36	RCP	
RAKOW RD.	173+36.91	173+75.31	90	24	RCP	
RAKOW RD.	184+83.01	184+83.30	106	24	RCP	
RAKOW RD.	195+82.90	195+82.99	66	24	RCP	
RAKOW RD.	215+82.28	215+83.09	62	30	RCP	
RAKOW RD.	215+83.09	215+83.61	38	36	RCP	
RAKOW RD.	222+77.10	222+83.08	22	30	RCP	
RAKOW RD.	222+83.08	223+80.03	97	30	RCP	
RAKOW RD.	223+80.03	223+83.69	11	24	RCP	
RAKOW RD.	223+80.03	226+85.09	306	30	RCP	
RAKOW RD.	226+85.09	229+82.96	298	30	RCP	
RAKOW RD.	229+82.44	229+82.96	11	24	RCP	
RAKOW RD.	229+82.96	232+80.05	297	24	RCP	
RAKOW RD.	232+80.05	234+80.32	200	24	RCP	
RAKOW RD.	234+80.32	235+89.10	109	24	RCP	
RAKOW RD.	222+64.29	223+82.79	124	24	RCP	
RAKOW RD.	223+82.79	223+83.62	8	24	RCP	
RAKOW RD.	223+82.79	226+33.12	250	24	RCP	
RAKOW RD.	226+33.12	229+21.03	288	24	RCP	
RAKOW RD.	232+64.18	232+79.24	25	12	RCP	
RAKOW RD.	237+80.36	237+85.25	82	24	RCP	
RAKOW RD.	240+00.06	241+57.12	157	15	RCP	
RAKOW RD.	243+65.95	244+44.37	78	15	CMP	
RAKOW RD.	244+83.35	244+82.16	11	12	RCP	
RAKOW RD.	244+82.16	245+73.22	91	18	RCP	
RAKOW RD.	245+73.22	246+57.21	84	18	RCP	
RAKOW RD.	246+46.98	246+56.37	9	12	RCP	
RAKOW RD.	246+56.37	246+57.06	11	12	RCP	
RAKOW RD.	246+57.06	246+57.21	7	12	RCP	
RAKOW RD.						

WATER MAINS TO BE ADJUSTED				
	MAIN TYPE	STATION		EACH
RAKOW RD.	WATER	229+40	LT	1
RAKOW RD.	WATER	230+93	LT	1
TOTAL				2

FIRE HYDRANTS TO BE ADJUSTED				
	STRUCTURE TYPE	STATION		EACH
RAKOW RD.	FIRE HYDRANT	101+21.2	RT	1
RAKOW RD.	FIRE HYDRANT	238+11	LT	1
RAKOW RD.	FIRE HYDRANT	234+04.4	LT	1
RAKOW RD.	FIRE HYDRANT	238+34	LT	1
ACKMAN RD.	FIRE HYDRANT	10+34	RT	1
MCHENRY AVE.	FIRE HYDRANT	8+06	RT	1
MCHENRY AVE.	FIRE HYDRANT	11+02.6	RT	1
MCHENRY AVE.	FIRE HYDRANT	18+65.1	RT	1
MCHENRY AVE.	FIRE HYDRANT	21+57.6	RT	1
PYOTT RD.	FIRE HYDRANT	53+83.5	LT	1
PINGREE RD.	FIRE HYDRANT	18+73	RT	1
PINGREE RD.	FIRE HYDRANT	25+30	RT	1
PINGREE RD.	FIRE HYDRANT	52+40	RT	1
IL ROUTE 31	FIRE HYDRANT	53+72	LT	1
TOTAL				14

FIRE HYDRANTS TO BE RELOCATED				
	STRUCTURE TYPE	STATION		EACH
ACKMAN RD.	FIRE HYDRANT	18+65.9	RT	1
ACKMAN RD.	FIRE HYDRANT	14+65.2	RT	1
RAKOW RD.	FIRE HYDRANT	225+13.4	LT	1
IL ROUTE 31	FIRE HYDRANT	51+06	LT	1
MCHENRY AVE.	FIRE HYDRANT	15+75.7	RT	1
VIRGINIA RD.	FIRE HYDRANT	52+76.7	RT	1
VIRGINIA RD.	FIRE HYDRANT	54+94.3	RT	1
TOTAL				7

SAN MH TO BE RECONSTRUCTED				
	STRUCTURE TYPE	STATION		EACH
RAKOW RD.	SAN. MH	109+81.5	LT	1
PINGREE RD.	SAN. MH	49+45	RT	1
PINGREE RD.	SAN. MH	49+71	RT	1
TOTAL				1

SANITARY MANHOLES TO BE ADJUSTED				
	STRUCTURE TYPE	STATION		EACH
MCHENRY AVE.	SAN. MH	10+58	LT	1
MCHENRY AVE.	SAN. MH	13+82.1	LT	1
MCHENRY AVE.	SAN. MH	18+61	LT	1
RAKOW RD.	SAN. MH	99+26	RT	1
RAKOW RD.	SAN. MH	109+81.5	RT	1
RAKOW RD.	SAN. MH	170+00	RT	1
RAKOW RD.	SAN. MH	171+45	RT	1
RAKOW RD.	SAN. MH	230+19.1	RT	1
RAKOW RD.	SAN. MH	232+11.8	RT	1
RAKOW RD.	SAN. MH	247+90.1	LT	1
RAKOW RD.	SAN. MH	247+90.6	LT	1
RAKOW RD.	SAN. MH	247+81.4	RT	1
VIRGINIA RD.	SAN. MH	54+92	LT	1
VIRGINIA RD.	SAN. MH	57+92	LT	1
PYOTT RD.	SAN. MH	47+17	RT	1
PYOTT RD.	SAN. MH	52+01.4	RT	1
PYOTT RD.	SAN. MH	53+53.1	RT	1
PYOTT RD.	SAN. MH	58+84.9	RT	1
TOTAL				17

VALVE VAULTS TO BE RECONSTRUCTED				
	STRUCTURE TYPE	STATION		EACH
RAKOW RD.	VALVE VAULT	101+21.2	LT	1
TOTAL				1

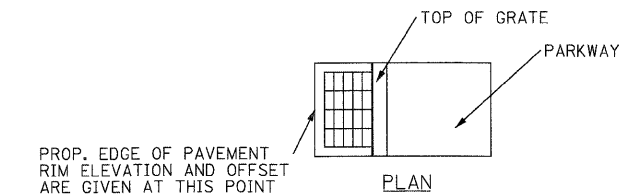
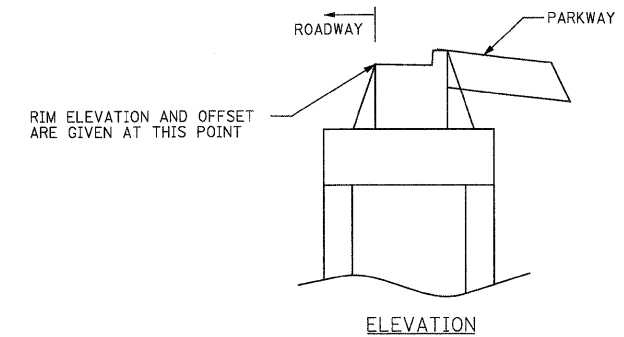
WATER VALVES TO BE ADJUSTED				
	STATION			EACH
ACKMAN RD.	12+65.0	RT		1
ACKMAN RD.	14+89	RT		1
MCHENRY AVE.	18+56	RT		1
RAKOW RD.	100+02	LT		1
RAKOW RD.	101+18	RT		1
RAKOW RD.	109+64	RT		1
RAKOW RD.	109+70	RT		1
RAKOW RD.	222+83	RT		1
RAKOW RD.	223+01.0	LT		1
RAKOW RD.	231+86.4	RT		1
RAKOW RD.	235+68	RT		1
RAKOW RD.	236+26	RT		1
RAKOW RD.	248+07	LT		1
RAKOW RD.	248+09	LT		1
PINGREE RD.	24+38.5	RT		1
PINGREE RD.	24+51	RT		1
TOTAL				16

NOTE: WATER VALVES TO BE ADJUSTED TO BE PAID FOR AS EITHER VALVE BOXES TO BE ADJUSTED OR FRAMES AND LIDS TO BE ADJUSTED AS APPROPRIATE.

FRAMES AND GRATES TO BE ADJUSTED				
	STRUCTURE TYPE	STATION		EACH
IL ROUTE 31	CATCH BASIN	52+00.9	LT	1
IL ROUTE 31	INLET	52+09.6	LT	1
TOTAL				2

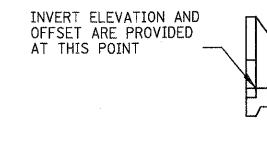
FRAMES AND LIDS TO BE ADJUSTED				
	STRUCTURE TYPE	STATION		EACH
IL ROUTE 31	MANHOLE	56+11.0	LT	1
	WATER VALVE*			8
TOTAL				9

* SEE NOTE ABOVE REGARDING WATER VALVES TO BE ADJUSTED.



DRAINAGE STRUCTURE LAYOUT DETAIL
*AS NOTED IN GENERAL NOTES

*OFFSETS FOR THE DRAINAGE STRUCTURES NOTED IN THE PLANS ARE AT EDGE OF PAVEMENT FOR DRAINAGE STRUCTURES WITHIN THE PAVEMENT. FOR DRAINAGE STRUCTURES OUTSIDE THE PAVEMENT, THE OFFSETS ARE TO THE CENTER OF OPENING.



FLARED END SECTION AND HEADWALL DETAIL



USER NAME = jmaack@Chicago_RI
PLOT CONFIG = PDF(Grey, Large).plt
PLOT SCALE = 1:50
PLOT DATE = 7/29/2010

DESIGNED - EYC
DRAWN - JJS
CHECKED - ADJ
DATE - 8/2/2010

REVISED -
REVISED -
REVISED -
REVISED -



MCHENRY COUNTY
DIVISION OF TRANSPORTATION

RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
RAKOW ROAD DRAINAGE SCHEDULE OF QUANTITIES

SCALE: NA SHEET NO. DU 47 OF 47

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00308-00-WR	MCHENRY	606	230
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63398	

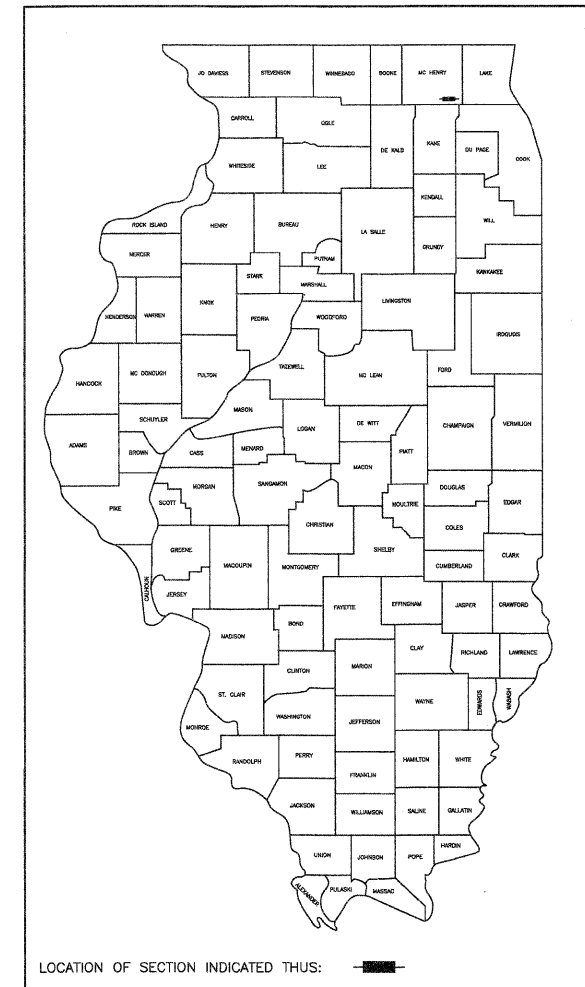
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY PLANS
FOR PROPOSED
FEDERAL AID HIGHWAY

ROUTE: F.A.P. 336 (JAMES R. RAKOW ROAD)
SECTION: 05-00308-00-WR
PROJECT NO.:
JOB NO.: R-91-007-06
COUNTY: McHENRY
LIMITS: ACKMAN ROAD TO ILLINOIS ROUTE 31

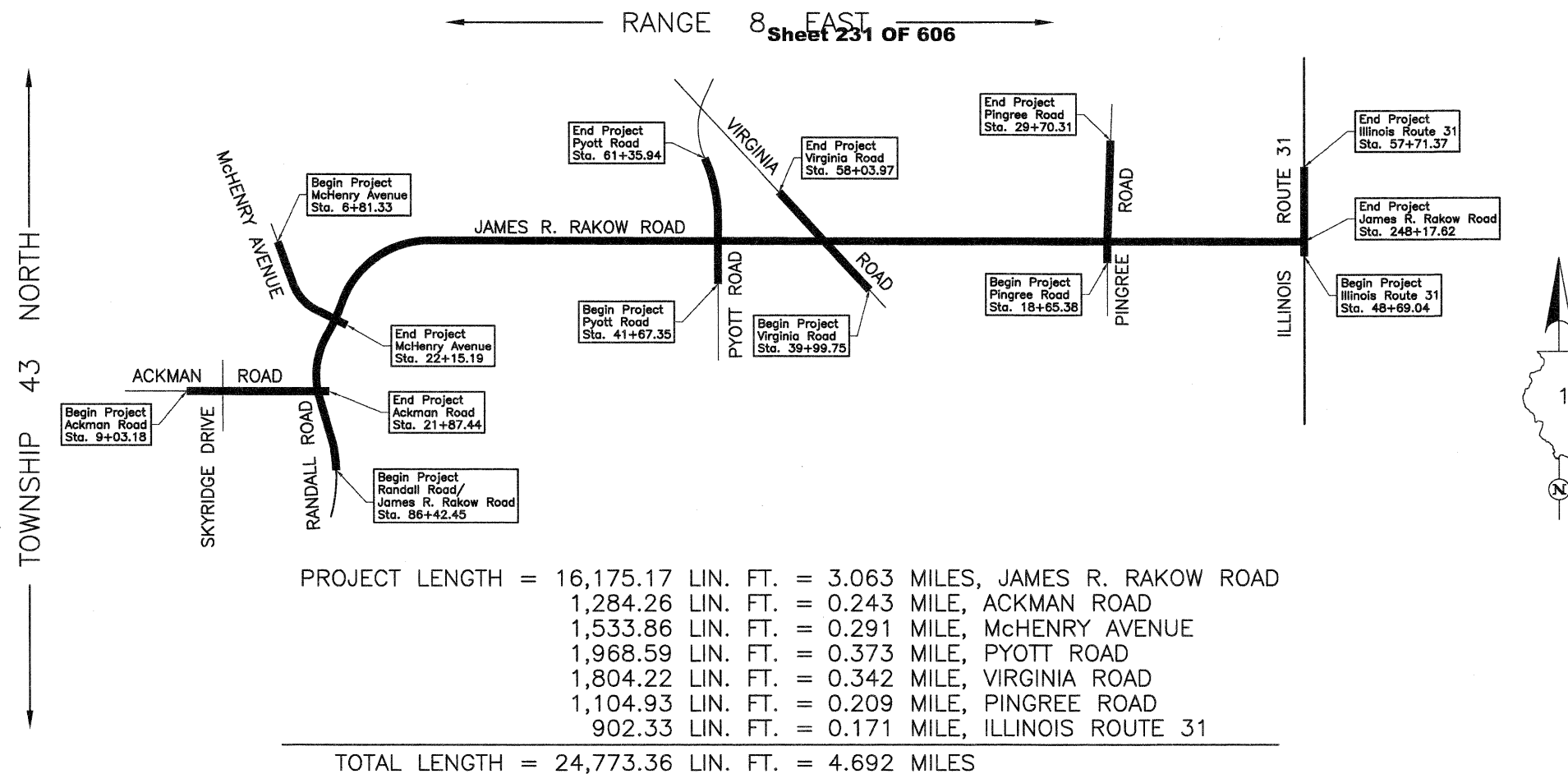
* F.A.P. 336 (JAMES R. RAKOW ROAD)			
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
*	**	McHENRY	36
F.H.W.A. PROJ.		ILLINOIS PROJECT	SHEET NO.
			1

** 05-00308-00-WR
R-91-007-06

Sheet 231 OF 606



LOCATION OF SECTION INDICATED THUS:



APPROVED _____	20	
LOCAL AGENCY OFFICIAL		
APPROVED _____	20	
ENGINEER OF LAND ACQUISITION		
APPROVED _____	20	
ENGINEER OF LOCAL ROADS & STREETS		
APPROVED _____	20	
DISTRICT ENGINEER		
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		

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
1H40001	LaSalle National Bank, as Trustee under trust agreement dated the 11th day of September, 1997 known as Trust Number 120922	37.913	6.231	1.349	31.682	N/A	N/A	19-17-300-004 19-18-428-003	

Existing & Proposed Pavement Randall Road Curve #1

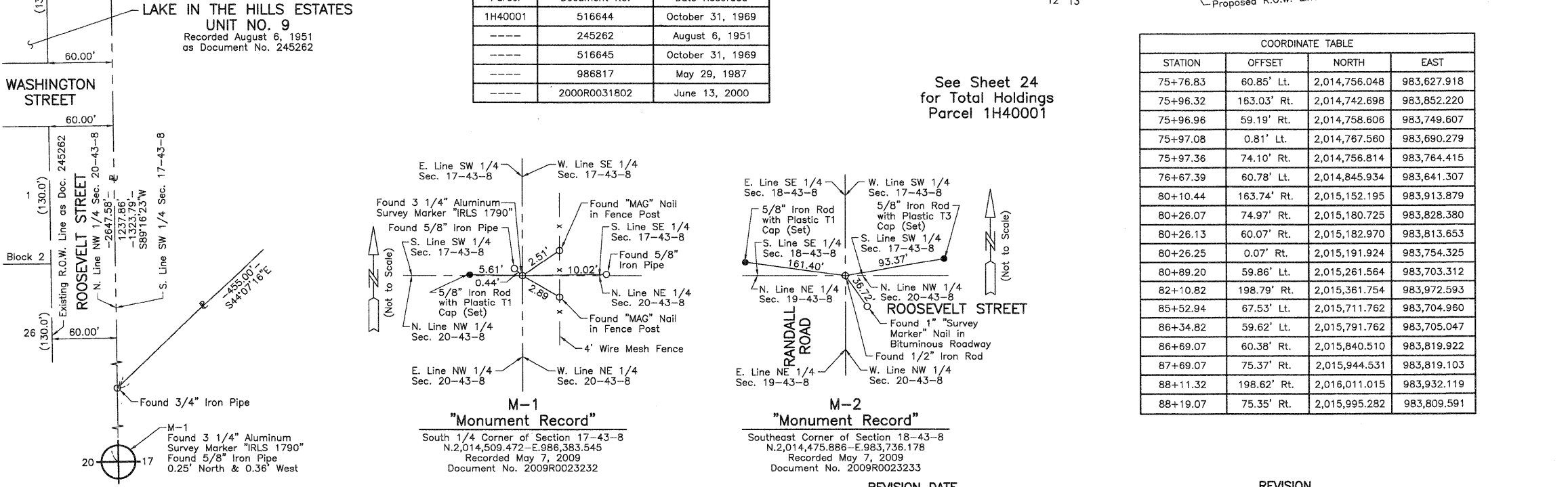
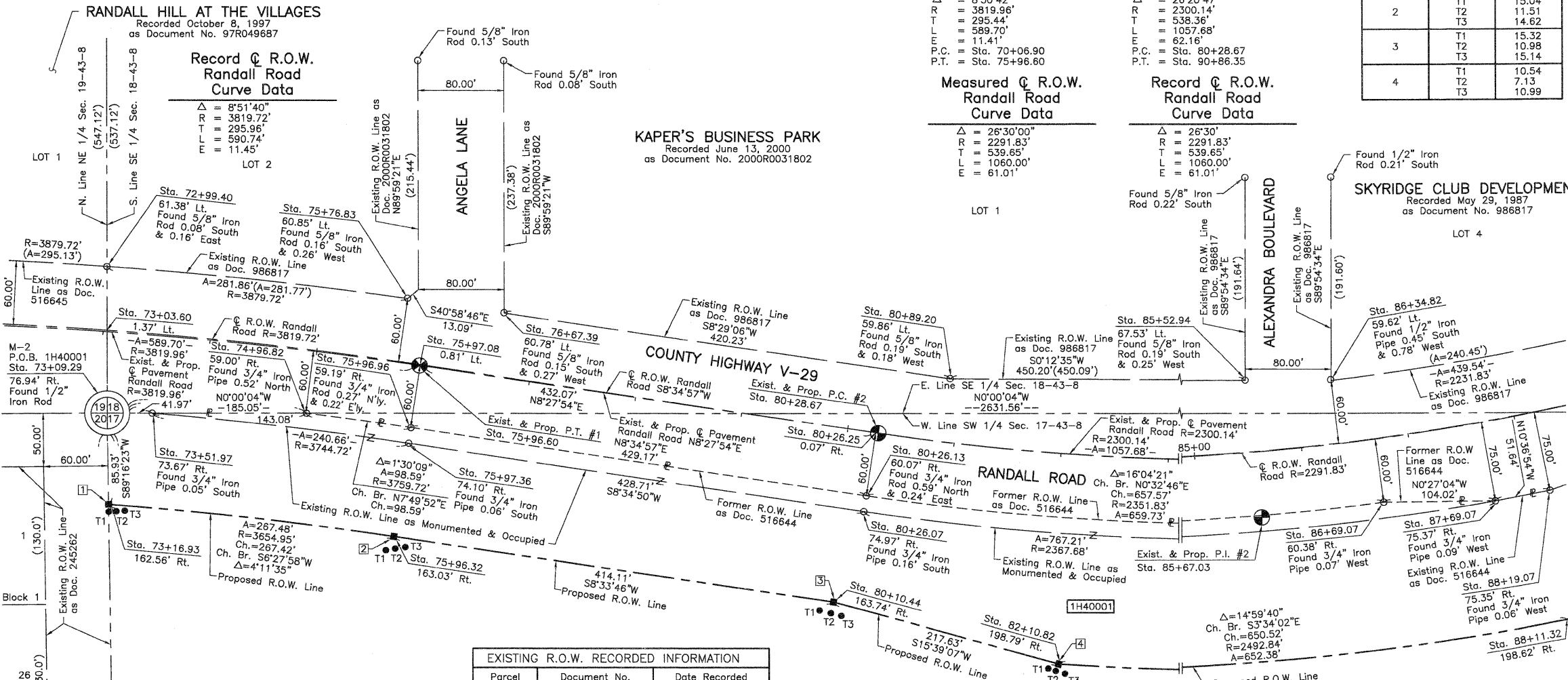
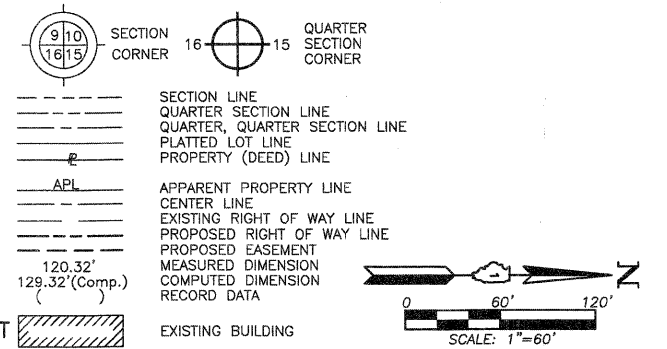
P.I. = Sta. 73+02.34
 Δ = 8°50'42"
 R = 3819.96'
 T = 295.44'
 L = 589.70'
 E = 11.41'
 P.C. = Sta. 70+06.90
 P.T. = Sta. 75+96.60

Existing & Proposed Pavement Randall Road Curve #2

P.I. = Sta. 85+67.03
 Δ = 26°20'47"
 R = 2300.14'
 T = 538.36'
 L = 1057.68'
 E = 62.16'
 P.C. = Sta. 80+28.67
 P.T. = Sta. 90+86.35

Point Number	Tie to point	Tie Distance (feet)
1	T1	6.89
	T2	9.73
	T3	16.21
2	T1	15.04
	T2	11.51
	T3	14.62
3	T1	15.32
	T2	10.98
	T3	15.14
4	T1	10.54
	T2	7.13
	T3	10.99

LEGEND



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

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 F.A.P. 336 (JAMES R. RAKOW ROAD)
 SECTION 05-00308-00-WR McHENRY COUNTY
 PROJECT JOB NO. R-91-007-06
 STATION 73+00 TO STATION 89+00
 SCALE: 1"=60' SHEET 2 OF 36

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

REVISION _____ MADE BY _____

Point Number	Tie to point	Tie Distance (feet)
1	T1 T2 T3	19.46 18.73 24.24
2	T1 T2 T3	40.36 16.91 26.89
3	T1 T2 T3	70.45 54.24 42.74
4	T1 T2 T3	14.76 16.07 19.48
5	T1 T2 T3	16.42 11.11 10.06
6	T1 T2 T3	

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
1H40001	LaSalle National Bank, as Trustee under trust agreement dated the 11th day of September, 1997 known as Trust Number 120922	37.913	6.231	1.349	31.682	N/A	N/A	19-17-300-004 19-18-428-003	

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

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

0 40' 80' SCALE: 1"=40'

IRON PIPE OR ROD FOUND "MAG" NAIL SET
CUT CROSS FOUND OR SET 5/8" REBAR SET

T1 T2 T3 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

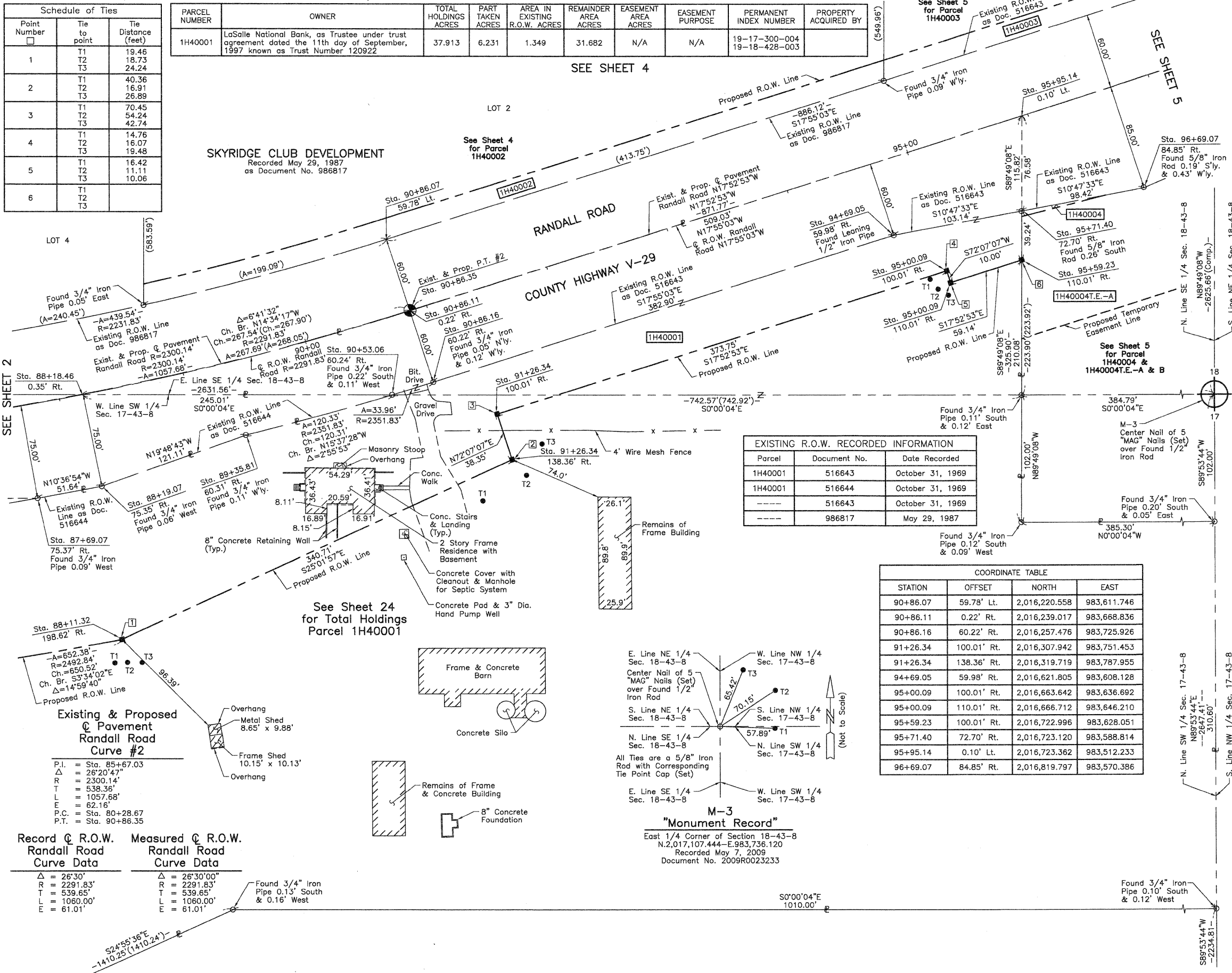
BT1 BT2 BT3 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

M STAKING OF PROPOSED RIGHT OF WAY. 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.

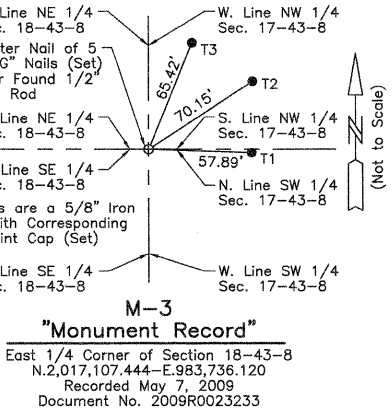


EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1H40001	516643	October 31, 1969
1H40001	516644	October 31, 1969
---	516643	October 31, 1969
---	986817	May 29, 1987

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
90+86.07	59.78' Lt.	2,016,220.558	983,611.746
90+86.11	0.22' Rt.	2,016,239.017	983,668.836
90+86.16	60.22' Rt.	2,016,257.476	983,725.926
91+26.34	100.01' Rt.	2,016,307.942	983,751.453
91+26.34	138.36' Rt.	2,016,319.719	983,787.955
94+69.05	59.98' Rt.	2,016,621.805	983,608.128
95+00.09	100.01' Rt.	2,016,663.642	983,636.692
95+00.09	110.01' Rt.	2,016,666.712	983,646.210
95+59.23	100.01' Rt.	2,016,722.996	983,628.051
95+71.40	72.70' Rt.	2,016,723.120	983,588.814
95+95.14	0.10' Lt.	2,016,723.362	983,512.233
96+69.07	84.85' Rt.	2,016,819.797	983,570.386



Record & Proposed Pavement Randall Road Curve #2

Curve Data	Measured & Proposed
Δ = 26°30'	Δ = 26°30'00"
R = 2291.83'	R = 2291.83'
T = 539.65'	T = 539.65'
L = 1060.00'	L = 1060.00'
E = 61.01'	E = 61.01'

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
87+69.07	75.37' Rt.	2,015,944.531	983,819.103
88+11.32	198.62' Rt.	2,016,011.015	983,932.119
88+18.46	0.35' Rt.	2,015,980.084	983,736.145
88+19.07	75.35' Rt.	2,015,995.282	983,809.591
89+35.81	60.31' Rt.	2,016,109.222	983,768.544
90+53.06	60.24' Rt.	2,016,225.090	983,736.139

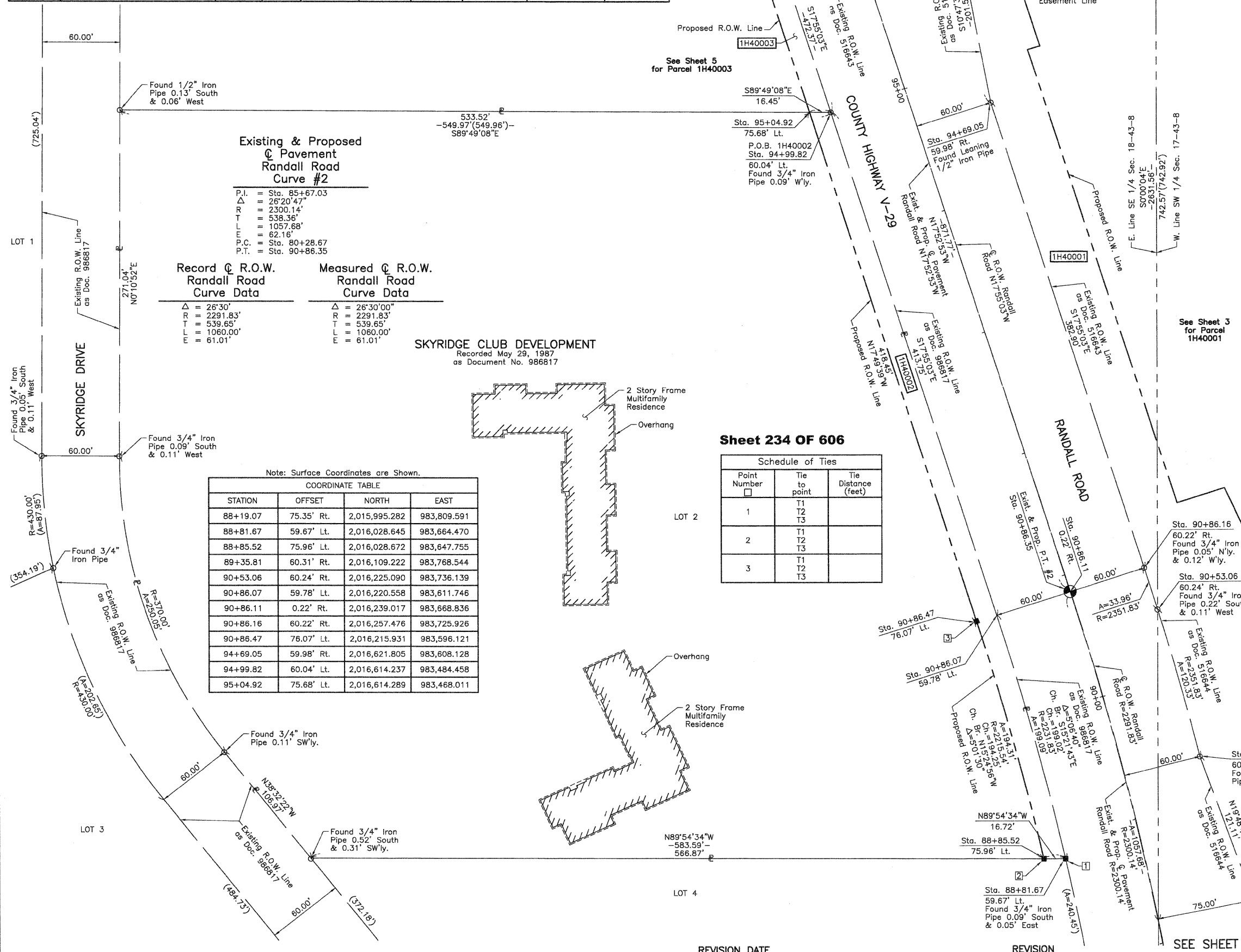
JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (JAMES R. RAKOW ROAD)
SECTION 05-00308-00-WR McHENRY COUNTY
PROJECT JOB NO. R-91-007-06
STATION 87+00 TO STATION 97+00
SCALE: 1"=40' SHEET 3 OF 36

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

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
1H40002	Skyridge Partners, L.P., an Illinois Limited Partnership	8.309	0.226	N/A	8.083	N/A	N/A	19-18-427-001	



Existing & Proposed Pavement Randall Road Curve #2

P.I. = Sta. 85+67.03
 Δ = 26°20'47"
 R = 2300.14'
 T = 538.36'
 L = 1057.68'
 P.C. = Sta. 80+28.67
 P.T. = Sta. 90+86.35

Record \odot R.O.W. Randall Road Curve Data		Measured \odot R.O.W. Randall Road Curve Data	
Δ = 26°30'	R = 2291.83'	Δ = 26°30'00"	R = 2291.83'
T = 539.65'	L = 1060.00'	T = 539.65'	L = 1060.00'
E = 61.01'		E = 61.01'	

SKYRIDGE CLUB DEVELOPMENT
 Recorded May 29, 1987
 as Document No. 986817

Sheet 234 OF 606

Point Number	Tie to point	Tie Distance (feet)
1	T1	
	T2	
	T3	
2	T1	
	T2	
	T3	
3	T1	
	T2	
	T3	

Note: Surface Coordinates are Shown.

STATION	OFFSET	NORTH	EAST
88+19.07	75.35' Rt.	2,015,995.282	983,809.591
88+81.67	59.67' Lt.	2,016,028.645	983,664.470
88+85.52	75.96' Lt.	2,016,028.672	983,647.755
89+35.81	60.31' Rt.	2,016,109.222	983,768.544
90+53.06	60.24' Rt.	2,016,225.090	983,736.139
90+86.07	59.78' Lt.	2,016,220.558	983,611.746
90+86.11	0.22' Rt.	2,016,239.017	983,668.836
90+86.16	60.22' Rt.	2,016,257.476	983,725.926
90+88.47	78.07' Lt.	2,016,215.931	983,596.121
94+69.05	59.98' Rt.	2,016,621.805	983,608.128
94+99.82	60.04' Lt.	2,016,614.237	983,484.458
95+04.92	75.68' Lt.	2,016,614.289	983,468.011

LEGEND

SECTION CORNER 16 15 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

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

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

● T1 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 DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 17, TOWNSHIP 43N., RANGE 8E. AND SECTION 18, TOWNSHIP 43N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

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

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.

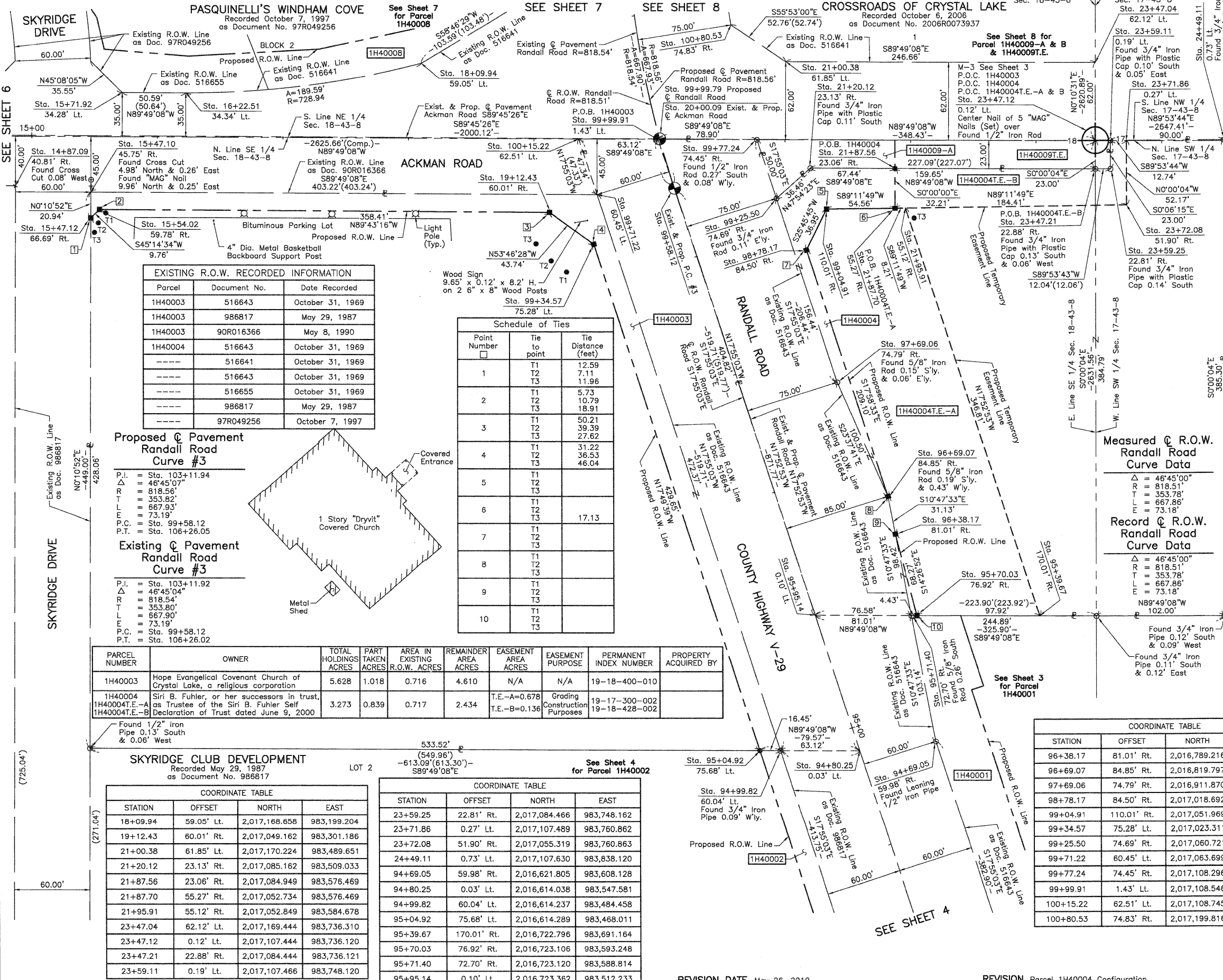
Parcel	Document No.	Date Recorded
1H40002	986817	May 29, 1987
-----	516643	October 31, 1969
-----	516644	October 31, 1969
-----	986817	May 29, 1987

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

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.P. 336 (JAMES R. RAKOW ROAD)
 SECTION 05-00308-00-WR McHENRY COUNTY
 PROJECT JOB NO. R-91-007-06
 STATION 88+00 TO STATION 96+00
 SCALE: 1"=40' SHEET 4 OF 36

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



LEGEND

SECTION CORNER 16 SECTION CORNER 15

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 NAD 83(2007) East Zone.

○ 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 BETWEEN SECTION 17, TOWNSHIP 43N., RANGE 8E. AND SECTION 18, TOWNSHIP 43N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

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

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

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1H40003	516643	October 31, 1969
1H40003	986817	May 29, 1987
1H40003	90R016366	May 8, 1990
1H40004	516643	October 31, 1969
-----	516641	October 31, 1969
-----	516643	October 31, 1969
-----	516655	October 31, 1969
-----	986817	May 29, 1987
-----	97R049256	October 7, 1997

Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	12.59
	T2	7.11
	T3	11.96
2	T1	5.73
	T2	10.79
	T3	18.91
3	T1	50.21
	T2	39.39
	T3	27.62
4	T1	31.22
	T2	36.53
	T3	46.04
5	T1	17.13
	T2	
	T3	
6	T1	
	T2	
	T3	
7	T1	
	T2	
	T3	
8	T1	
	T2	
	T3	
9	T1	
	T2	
	T3	
10	T1	
	T2	
	T3	

Proposed Pavement Randall Road Curve #3

P.I. = Sta. 103+11.94
 Δ = 46°45'07"
 R = 818.56'
 T = 353.82'
 L = 667.93'
 E = 73.19'
 P.C. = Sta. 99+58.12
 P.T. = Sta. 106+26.05

Existing Pavement Randall Road Curve #3

P.I. = Sta. 103+11.92
 Δ = 46°45'04"
 R = 818.54'
 T = 353.80'
 L = 667.90'
 E = 73.19'
 P.C. = Sta. 99+58.12
 P.T. = Sta. 106+26.02

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
1H40003	Hope Evangelical Covenant Church of Crystal Lake, a religious corporation	5.628	1.018	0.716	4.610	N/A	N/A	19-18-400-010	
1H40004	Siri B. Fuhler, or her successors in trust, as Trustee of the Siri B. Fuhler Self Declaration of Trust dated June 9, 2000	3.273	0.839	0.717	2.434	T.E.-A=0.678 T.E.-B=0.136	Grading Construction Purposes	19-17-300-002 19-18-428-002	

SKYRIDGE CLUB DEVELOPMENT

Recorded May 29, 1987
 as Document No. 986817

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
18+09.94	59.05' Lt.	2,017,168.658	983,199.204
19+12.43	60.01' Rt.	2,017,049.162	983,301.186
21+00.38	61.85' Rt.	2,017,170.224	983,489.651
21+20.12	23.13' Rt.	2,017,085.162	983,509.033
21+87.56	23.06' Rt.	2,017,084.949	983,576.469
21+87.70	55.27' Rt.	2,017,052.734	983,576.469
21+95.91	55.12' Rt.	2,017,052.849	983,584.678
23+47.04	62.12' Lt.	2,017,169.444	983,736.310
23+47.12	0.12' Lt.	2,017,107.444	983,736.120
23+47.21	22.88' Rt.	2,017,084.444	983,736.121
23+59.11	0.19' Lt.	2,017,107.466	983,748.120

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
23+59.25	22.81' Rt.	2,017,084.466	983,748.162
23+71.86	0.27' Lt.	2,017,107.489	983,760.862
23+72.08	51.90' Rt.	2,017,055.319	983,760.863
24+49.11	0.73' Lt.	2,017,107.630	983,838.120
94+69.05	59.98' Rt.	2,016,621.805	983,608.128
94+80.25	0.03' Lt.	2,016,614.038	983,547.581
94+99.82	60.04' Lt.	2,016,614.237	983,484.458
95+04.92	75.68' Lt.	2,016,614.289	983,468.011
95+39.67	170.01' Rt.	2,016,722.796	983,691.164
95+70.03	76.92' Rt.	2,016,723.106	983,593.248
95+71.40	72.70' Rt.	2,016,723.120	983,588.814
95+95.14	0.10' Lt.	2,016,723.362	983,512.233

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
96+38.17	81.01' Rt.	2,016,789.216	983,576.215
96+69.07	84.85' Rt.	2,016,819.797	983,570.386
97+69.06	74.79' Rt.	2,016,911.870	983,530.106
98+78.17	84.50' Rt.	2,017,018.692	983,505.853
99+04.91	110.01' Rt.	2,017,051.969	983,521.913
99+34.57	75.28' Lt.	2,017,023.311	983,336.472
99+25.50	74.69' Rt.	2,017,060.721	983,481.978
99+71.22	60.45' Lt.	2,017,063.699	983,339.134
99+77.24	74.45' Rt.	2,017,108.296	983,466.595
99+99.91	1.43' Lt.	2,017,108.546	983,387.692
100+15.22	62.51' Lt.	2,017,108.745	983,324.569
100+80.53	74.83' Rt.	2,017,199.816	983,445.971

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
14+87.09	40.81' Rt.	2,017,070.163	982,875.929
15+47.10	45.75' Rt.	2,017,064.973	982,935.913
15+47.12	66.69' Rt.	2,017,044.031	982,935.847
15+54.02	59.78' Rt.	2,017,050.906	982,942.780
15+71.92	34.28' Lt.	2,017,144.894	982,961.077
16+22.51	34.34' Lt.	2,017,144.734	983,011.671

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

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

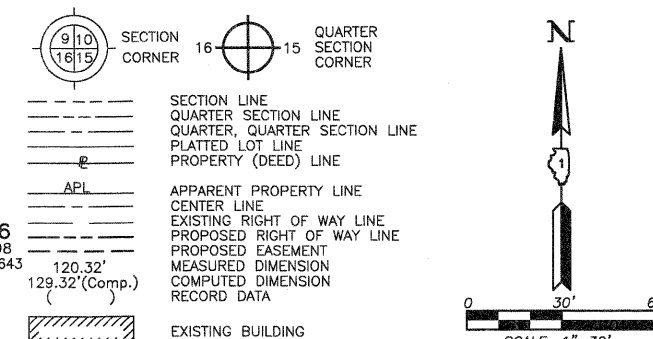
F.A.P. 336 (JAMES R. RAKOW ROAD)

SECTION 05-00308-00-WR McHENRY COUNTY PROJECT
 JOB NO. R-91-007-06
 STATION 15+00 TO STATION 25+00 (ACKMAN ROAD)
 STATION 94+00 TO STATION 101+00 (RANDALL ROAD)
 SCALE: 1"=40' SHEET 5 OF 36

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

Point Number	Tie to point	Tie Distance (feet)
1	T1 T2 T3	
2	T1 T2 T3	
3	T1 T2 T3	
4	T1 T2 T3	
5	T1 T2 T3	
6	T1 T2 T3	

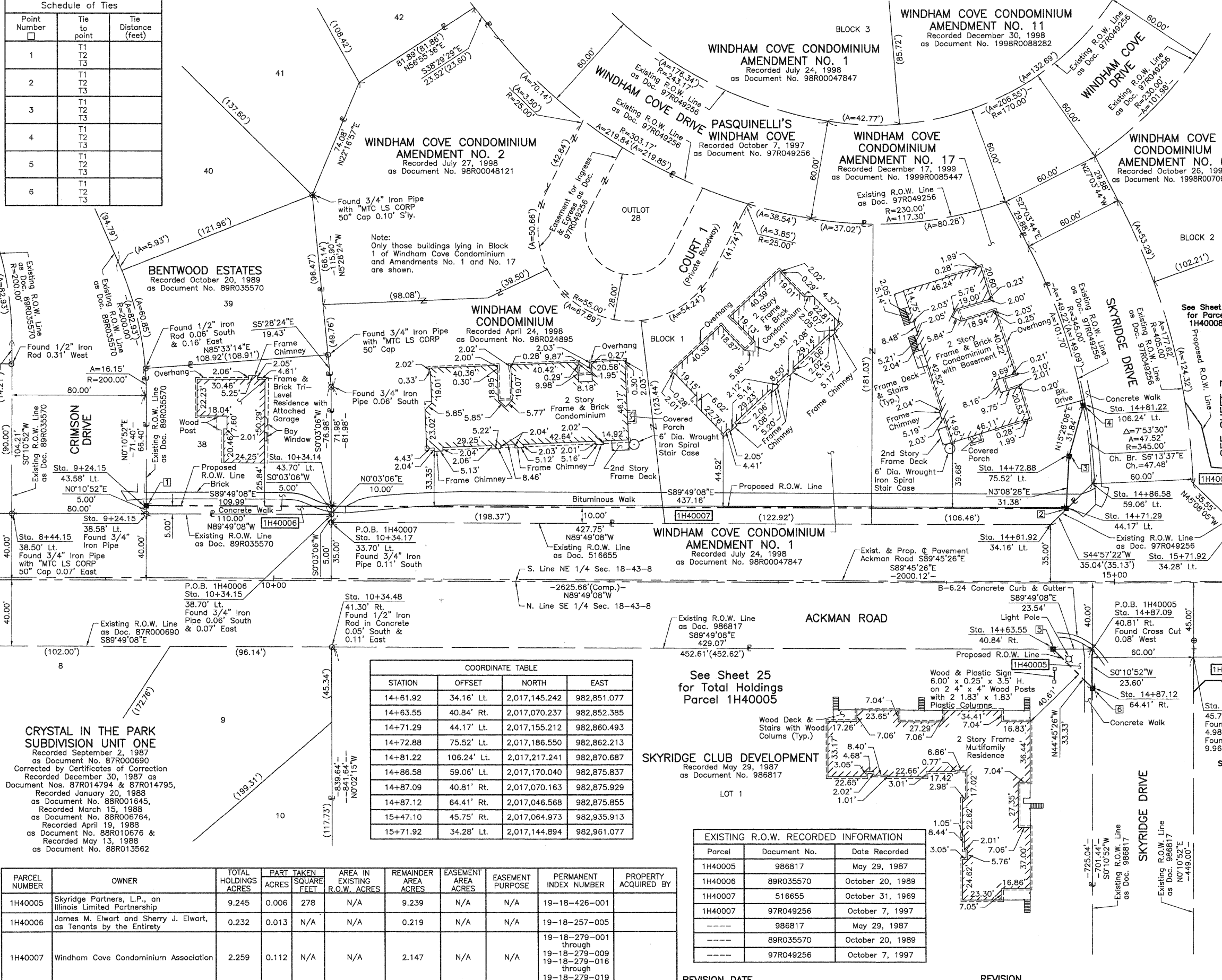
LEGEND



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

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1, T2, T3 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO 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) 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 18, TOWNSHIP 43N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS. DATED AT LAKE VILLA, ILLINOIS THIS _____ DAY OF _____ 20__ A.D.



STATION	OFFSET	NORTH	EAST
14+61.92	34.16' Lt.	2,017,145.242	982,851.077
14+63.55	40.84' Rt.	2,017,070.237	982,852.385
14+71.29	44.17' Lt.	2,017,155.212	982,860.493
14+72.88	75.52' Lt.	2,017,186.550	982,862.213
14+81.22	106.24' Lt.	2,017,217.241	982,870.687
14+86.58	59.06' Lt.	2,017,170.040	982,875.837
14+87.09	40.81' Rt.	2,017,070.163	982,875.929
14+87.12	64.41' Rt.	2,017,046.568	982,875.855
15+47.10	45.75' Rt.	2,017,064.973	982,935.913
15+71.92	34.28' Lt.	2,017,144.894	982,961.077

See Sheet 25 for Total Holdings Parcel 1H40005

Parcel	Document No.	Date Recorded
1H40005	986817	May 29, 1987
1H40006	89R035570	October 20, 1989
1H40007	516655	October 31, 1969
1H40007	97R049256	October 7, 1997
-----	986817	May 29, 1987
-----	89R035570	October 20, 1989
-----	97R049256	October 7, 1997

STATION	OFFSET	NORTH	EAST
8+44.15	38.50' Lt.	2,017,152.194	982,233.335
9+24.15	38.58' Lt.	2,017,151.942	982,313.334
9+24.15	43.58' Lt.	2,017,156.942	982,313.350
10+34.14	43.70' Lt.	2,017,156.594	982,423.338
10+34.15	38.70' Lt.	2,017,151.594	982,423.334
10+34.17	33.70' Lt.	2,017,146.594	982,423.329
10+34.48	41.30' Rt.	2,017,071.594	982,423.324

CRYSTAL IN THE PARK SUBDIVISION UNIT ONE
 Recorded September 2, 1987 as Document No. 87R000690
 Corrected by Certificates of Correction
 Recorded December 30, 1987 as Document Nos. 87R014794 & 87R014795,
 Recorded January 20, 1988 as Document No. 88R001645,
 Recorded March 15, 1988 as Document No. 88R006764,
 Recorded April 19, 1988 as Document No. 88R010876 &
 Recorded May 13, 1988 as Document No. 88R013562

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
1H40005	Skyridge Partners, L.P., an Illinois Limited Partnership	9.245	0.006	278	N/A	9.239	N/A	N/A	19-18-426-001	
1H40006	James M. Elwart and Sherry J. Elwart, as Tenants by the Entirety	0.232	0.013	N/A	N/A	0.219	N/A	N/A	19-18-257-005	
1H40007	Windham Cove Condominium Association	2.259	0.112	N/A	N/A	2.147	N/A	N/A	19-18-279-001 through 19-18-279-009 19-18-279-016 through 19-18-279-019	

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

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.P. 336 (JAMES R. RAKOW ROAD)
 SECTION 05-00308-00-WR McHENRY COUNTY
 PROJECT JOB NO. R-91-007-06
 STATION 8+00 TO STATION 16+00
 SCALE: 1"=30' SHEET 6 OF 36

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

PART OF THE EAST 1/2 OF SEC. 18, TWP. 43 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

COORDINATE TABLE with columns: STATION, OFFSET, NORTH, EAST. Rows include stationing from 15+71.92 to 104+54.25.

EXISTING R.O.W. RECORDED INFORMATION table with columns: Parcel, Document No., Date Recorded. Lists parcels 1H40008 and 90R016366.

Table with 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.

LEGEND section containing symbols for SECTION CORNER, 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, and EXISTING BUILDING.

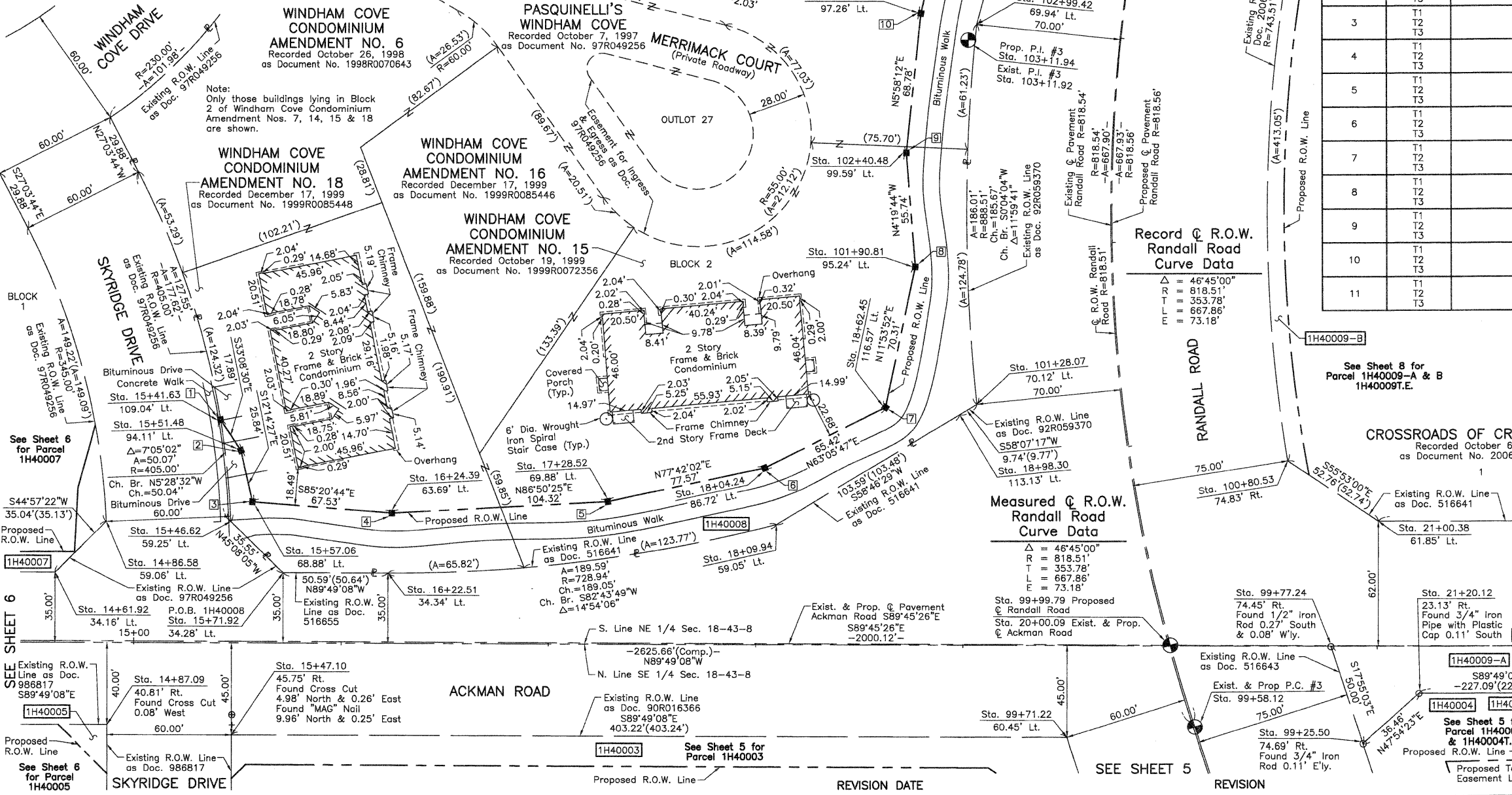


Table comparing Existing & Proposed Pavement for Randall Road Curve #3. Columns include P.I., Δ, R, T, L, E, P.C., and P.T. for both existing and proposed conditions.

Schedule of Ties table with columns: Point Number, Tie to point, Tie Distance (feet). Lists ties T1, T2, T3 for points 1 through 11.

Record & R.O.W. Randall Road Curve Data table with columns: Δ, T, L, E. Lists curve data for Randall Road.

Measured & R.O.W. Randall Road Curve Data table with columns: Δ, T, L, E. Lists measured curve data for Randall Road.

Text block containing notes about bearings and coordinates, monumentation types (iron pipe, cut cross, stakes), and a certification statement from Jorgensen & Associates, Inc. regarding the survey.

PRESIDENT information block: ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797, LICENSE EXPIRATION DATE: NOVEMBER 30, 2010.

COORDINATE TABLE with columns: STATION, OFFSET, NORTH, EAST. Rows include stationing from 14+61.92 to 15+57.06.

JORGENSEN & ASSOCIATES, INC. contact information: 120 PARK AVENUE, LAKE VILLA, ILLINOIS 60046. SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION. F.A.P. 336 (JAMES R. RAKOW ROAD). SECTION 05-00308-00-WR McHENRY COUNTY PROJECT. JOB NO. R-91-007-06. STATION 14+00 TO STATION 22+00 (ACKMAN ROAD). STATION 99+00 TO STATION 105+00 (RANDALL ROAD). SCALE: 1"=30'. SHEET 7 OF 36.

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

SEE SHEET 7 PASQUINELLI'S WINDHAM COVE
Recorded October 7, 1997
as Document No. 97R049256

WINDHAM COVE CONDOMINIUM
AMENDMENT NO. 15
Recorded October 19, 1999
as Document No. 1999R0072356

WINDHAM COVE CONDOMINIUM
AMENDMENT NO. 14
Recorded July 30, 1999
as Document No. 1999R0054396

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
18+09.94	59.05' Lt.	2,017,168.658	983,199.204
18+98.30	113.13' Lt.	2,017,222.360	983,287.789
21+00.38	61.85' Lt.	2,017,170.224	983,489.651
21+20.12	23.13' Rt.	2,017,085.162	983,509.033
21+87.46	0.06' Rt.	2,017,107.949	983,576.469
21+87.56	23.06' Rt.	2,017,084.949	983,576.469
23+47.04	62.12' Lt.	2,017,169.444	983,736.310
23+47.12	0.12' Lt.	2,017,107.444	983,736.120
23+47.21	22.88' Rt.	2,017,084.444	983,736.121
23+59.11	0.19' Lt.	2,017,107.466	983,748.120
23+59.25	22.81' Rt.	2,017,084.466	983,748.162

COORDINATE TABLE

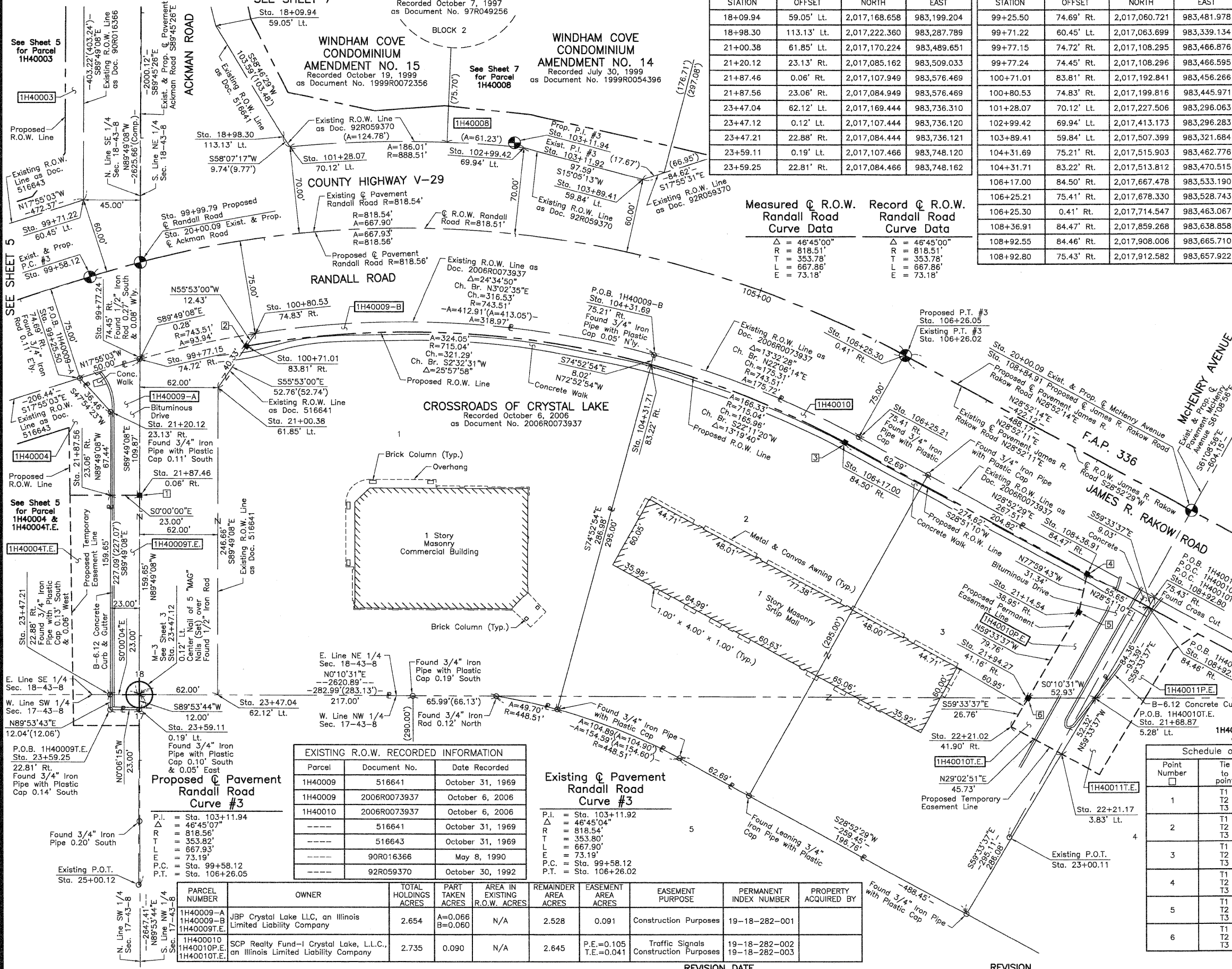
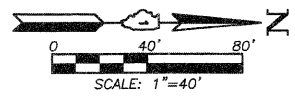
STATION	OFFSET	NORTH	EAST
99+25.50	74.69' Rt.	2,017,060.721	983,481.978
99+71.22	60.45' Lt.	2,017,063.699	983,339.134
99+77.15	74.72' Rt.	2,017,108.295	983,466.876
99+77.24	74.45' Rt.	2,017,108.296	983,466.595
100+71.01	83.81' Rt.	2,017,192.841	983,456.266
100+80.53	74.83' Rt.	2,017,199.816	983,445.971
101+28.07	70.12' Lt.	2,017,227.506	983,296.063
102+99.42	69.94' Lt.	2,017,413.173	983,296.283
103+89.41	59.84' Lt.	2,017,507.399	983,321.684
104+31.69	75.21' Rt.	2,017,515.903	983,462.776
104+31.71	83.22' Rt.	2,017,513.812	983,470.515
106+17.00	84.50' Rt.	2,017,667.478	983,533.190
106+25.21	75.41' Rt.	2,017,678.330	983,528.743
106+25.30	0.41' Rt.	2,017,714.547	983,463.067
108+36.91	84.47' Rt.	2,017,859.268	983,638.858
108+92.55	84.46' Rt.	2,017,908.006	983,665.710
108+92.80	75.43' Rt.	2,017,912.582	983,657.922

Measured & Record R.O.W. Curve Data

Parameter	Value
Δ	46°45'00"
R	818.51'
L	353.78'
T	667.86'
E	73.18'

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 NAD 83(2007) EAST ZONE.
- IRON PIPE OR ROD FOUND
- "MAG" NAIL SET
- CUT CROSS FOUND OR 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.
- 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.



EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1H40009	516641	October 31, 1969
1H40009	2006R0073937	October 6, 2006
1H40010	2006R0073937	October 6, 2006
-----	516641	October 31, 1969
-----	516643	October 31, 1969
-----	90R016366	May 8, 1990
-----	92R059370	October 30, 1992

Existing & Proposed Pavement Randall Road Curve #3

Parameter	Value
P.I.	Sta. 103+11.92
Δ	46°45'04"
R	818.54'
L	353.82'
T	353.82'
E	73.19'
P.C.	Sta. 99+58.12
P.T.	Sta. 106+26.05

Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	T2
1	T2	T3
2	T1	T2
2	T2	T3
3	T1	T2
3	T2	T3
4	T1	T2
4	T2	T3
5	T1	T2
5	T2	T3
6	T1	T2
6	T2	T3

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
21+14.54	38.95' Rt.	2,017,852.750	983,669.508
21+68.87	5.28' Lt.	2,017,865.268	983,738.440
21+94.27	41.16' Rt.	2,017,812.339	983,738.278
22+21.02	41.90' Rt.	2,017,798.784	983,761.345
22+21.17	3.83' Lt.	2,017,838.761	983,783.548

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

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (JAMES R. RAKOW ROAD)
SECTION 05-00308-00-WR McHENRY COUNTY
PROJECT JOB NO. R-91-007-06
STATION 18+00 TO STATION 25+00.12 (ACKMAN RD.)
STATION 19+00 TO STATION 23+00.11 (McHENRY AVE.)
STATION 99+00 TO STATION 109+00 (JAMES R. RAKOW RD.)
SCALE: 1"=40'
SHEET 8 OF 36

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

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1H40011	NorStates Bank, as Trustee under Trust Agreement dated June 12, 1991 known as Trust No. 3686	2.877	0.162	N/A	2.715	P.E.=0.061 T.E.=0.049	Traffic Signals Construction Purposes	19-17-101-002	
1H40012P.E.	City of Crystal Lake, an Illinois municipal corporation	36.039	N/A	N/A	36.039	P.E.=0.422	Highway Purposes	19-17-100-011	

Schedule of Ties

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

COORDINATE TABLE

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

EXISTING R.O.W. RECORDED INFORMATION

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

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 NAD 83(2007) East Zone.

- IRON PIPE OR ROD FOUND
- "MAG" NAIL SET
- CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1, T2, T3 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1, BT2, BT3 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- M 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 17, TOWNSHIP 43N., RANGE 8E. AND SECTION 18, TOWNSHIP 43N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

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

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

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

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
15+66.76	73.90' Rt.	2,018,110.667	983,166.890
21+05.11	41.35' Lt.	2,017,927.630	983,699.996
21+49.82	40.11' Lt.	2,017,904.968	983,738.562
21+68.87	5.28' Lt.	2,017,865.266	983,738.440
22+21.17	3.83' Lt.	2,017,838.761	983,783.548
22+21.29	38.13' Lt.	2,017,868.746	983,800.202
108+92.55	84.46' Rt.	2,017,908.006	983,665.710

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

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

SEE SHEET 10

SEE SHEET 11

See Sheet 11 for Parcel 1H40014

See Sheet 27 for Total Holdings Parcel 1H40012P.E.

See Sheet 9A for Parcel 1H40033P.E.

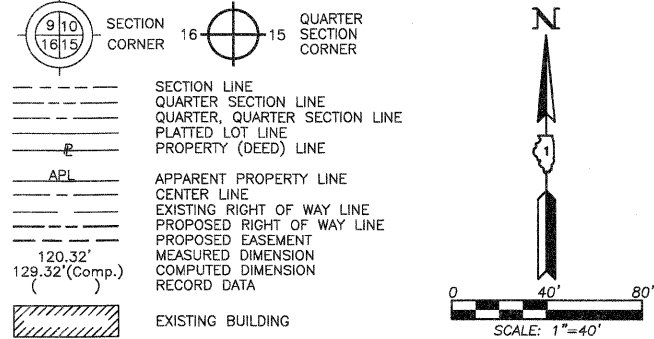
REVISION DATE April 19, 2010

REVISION Configuration Parcel 1H40012P.E.

MADE BY

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
1H40033P.E.	NorStates Bank, as Trustee under Trust Agreement dated June 12, 1991 known as Trust No. 3686	2.715	N/A	N/A	2.715	0.024	Drainage	19-17-101-002	

LEGEND



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

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

● T1 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, TOWNSHIP 43N., RANGE 8E. AND SECTION 18, TOWNSHIP 43N., RANGE 8E. OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

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

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

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
15+66.76	73.90' Rt.	2,018,110.667	983,166.890
21+05.11	41.35' Lt.	2,017,927.630	983,699.996
21+49.82	40.11' Lt.	2,017,904.968	983,738.562
21+68.87	5.28' Lt.	2,017,865.268	983,738.440
22+21.17	3.83' Lt.	2,017,838.761	983,783.546
22+21.29	38.13' Lt.	2,017,868.746	983,800.202

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

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

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

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

Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	13.15
	T2	9.47
	T3	12.45
2	T1	10.87
	T2	15.02
	T3	23.69
3	T1	23.43
	T2	16.98
	T3	11.80
4	T1	40.05
	T2	36.47
	T3	39.92
5	T1	26.80
	T2	21.01
	T3	26.55
6	T1	14.36
	T2	25.90
	T3	38.75
7	T1	35.66
	T2	24.74
	T3	19.20

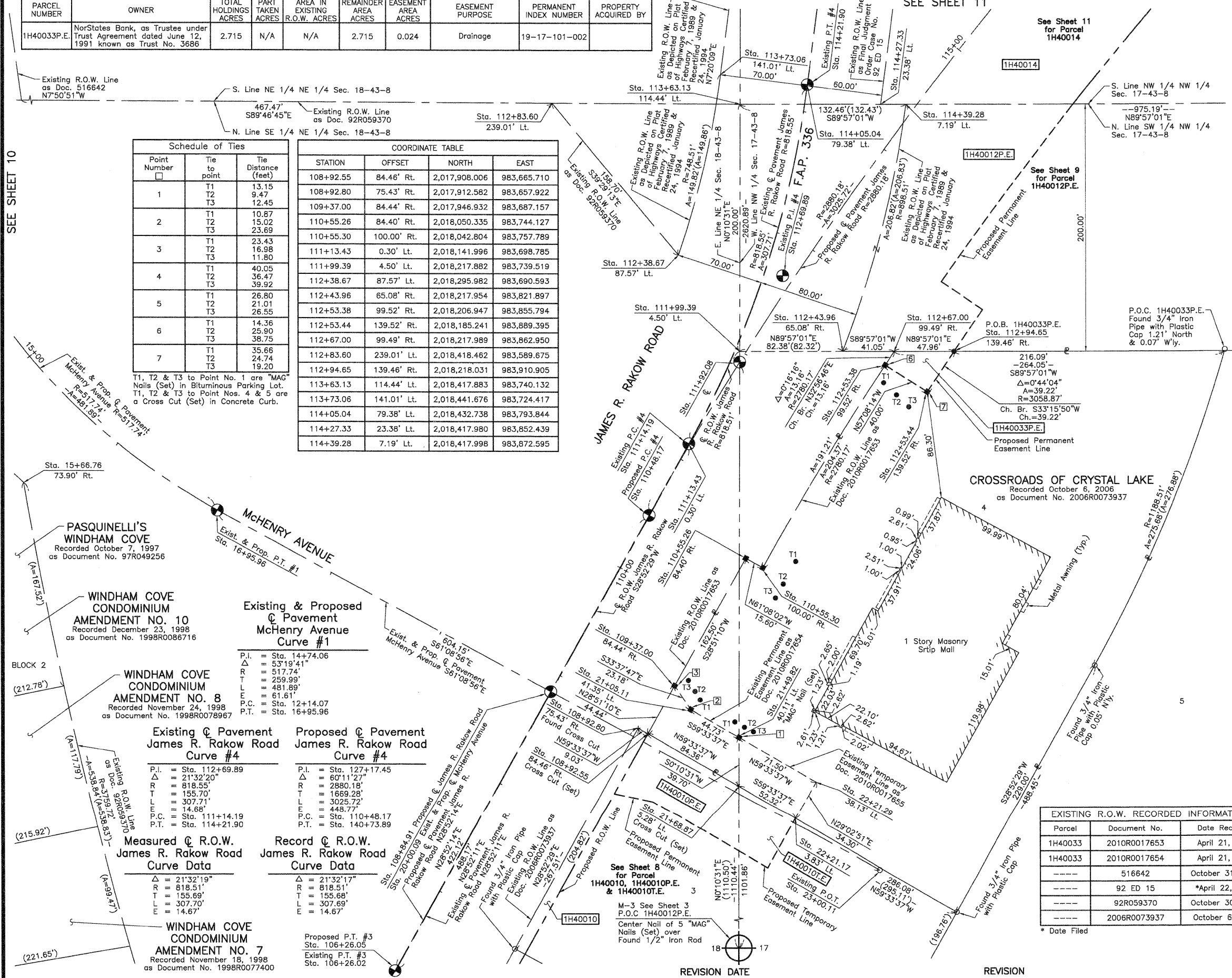
COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
108+92.50	84.46' Rt.	2,017,908.006	983,665.710
108+92.80	75.43' Rt.	2,017,912.582	983,657.922
109+37.00	84.44' Rt.	2,017,946.932	983,687.157
110+55.26	84.40' Rt.	2,018,050.335	983,744.127
110+55.30	100.00' Rt.	2,018,042.804	983,757.789
111+13.43	0.30' Lt.	2,018,141.996	983,698.785
111+99.39	4.50' Lt.	2,018,217.882	983,739.519
112+38.67	87.57' Lt.	2,018,295.982	983,690.593
112+43.96	65.08' Rt.	2,018,217.954	983,821.897
112+53.38	99.52' Rt.	2,018,206.947	983,855.794
112+53.44	139.52' Rt.	2,018,185.241	983,889.395
112+67.00	99.49' Rt.	2,018,217.989	983,862.950
112+83.60	239.01' Lt.	2,018,418.462	983,589.675
112+94.65	139.46' Rt.	2,018,218.031	983,910.905
113+63.13	114.44' Lt.	2,018,417.883	983,740.132
113+73.06	141.01' Lt.	2,018,441.676	983,724.417
114+05.04	79.38' Lt.	2,018,432.738	983,793.844
114+27.33	23.38' Lt.	2,018,417.980	983,852.439
114+39.28	7.19' Lt.	2,018,417.998	983,872.595

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

SEE SHEET 10

SEE SHEET 11



Existing & Proposed Pavement McHenry Avenue Curve #1

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

Existing & Proposed Pavement James R. Rakow Road Curve #4

Parameter	Value
P.I.	Sta. 112+69.89
Δ	21°32'20"
R	818.55'
T	155.70'
L	307.71'
E.P.C.	14.88'
P.C.	Sta. 111+14.19
P.T.	Sta. 114+21.90

Record & Proposed Pavement James R. Rakow Road Curve #4

Parameter	Value
P.I.	Sta. 127+17.45
Δ	60°11'27"
R	2880.18'
T	1689.28'
L	3025.72'
E.P.C.	448.77'
P.C.	Sta. 110+48.17
P.T.	Sta. 140+73.89

Measured & Record R.O.W. James R. Rakow Road Curve Data

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

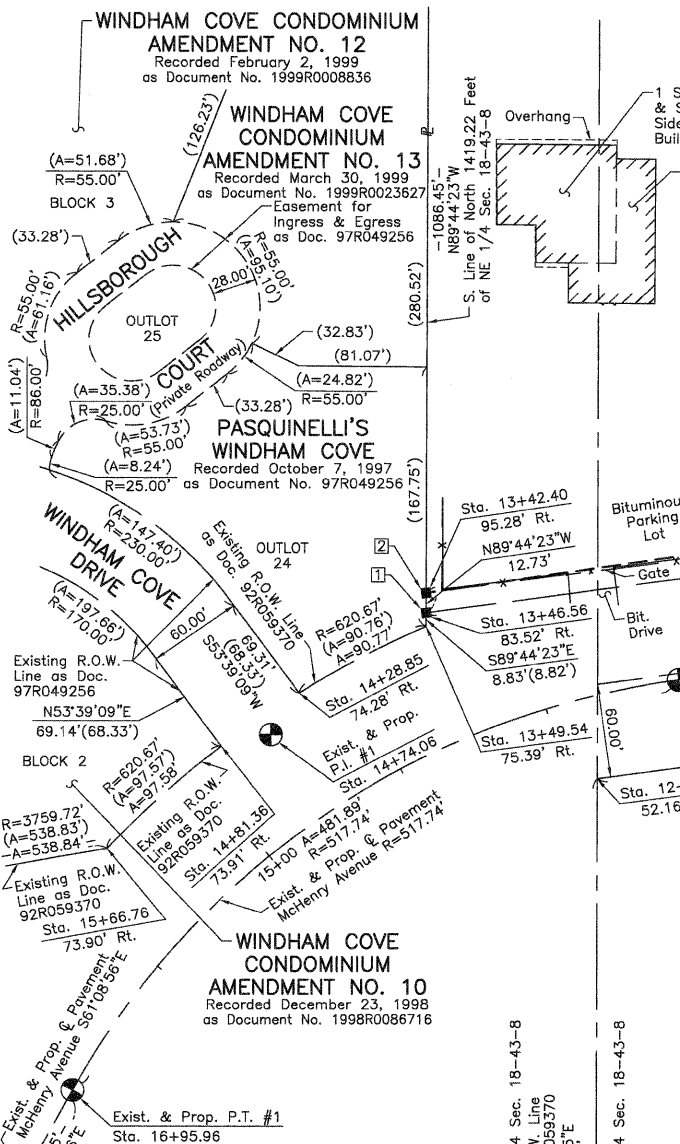
Record R.O.W. James R. Rakow Road Curve Data

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

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1H40033	2010R0017653	April 21, 2010
1H40033	2010R0017654	April 21, 2010
---	516642	October 31, 1969
---	92 ED 15	*April 22, 1992
---	92R059370	October 30, 1992
---	2006R0073937	October 6, 2006

* Date Filed

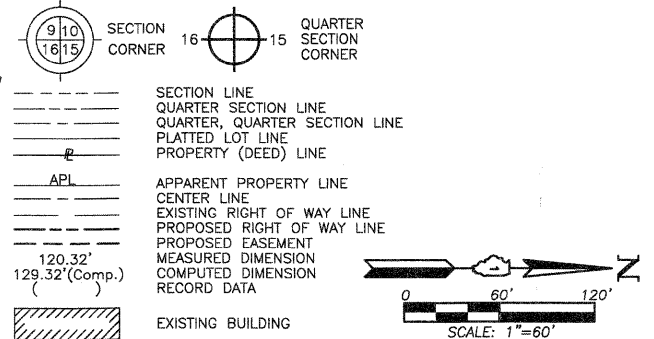


See Sheet 28 for Total Holdings Parcel 1H40013P.E.

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
1H40013P.E.	McHenry County Board of School Trustees	59.410	N/A	N/A	59.410	0.326	Highway Purposes	19-18-200-005	

RESUBDIVISION OF LOT 89 OF UNIT TWO OF FOUR COLONIES
Recorded January 7, 1982
as Document No. 829114

LEGEND



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

- O IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- M 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.

STATION	OFFSET	NORTH	EAST
12+80.73	52.16' Lt.	2,018,420.263	983,122.208
13+42.40	95.28' Rt.	2,018,312.451	983,003.207
13+46.56	83.52' Rt.	2,018,312.393	983,015.942
13+49.54	75.39' Rt.	2,018,312.353	983,024.767
14+28.85	74.28' Rt.	2,018,232.199	983,067.200
14+81.36	73.91' Rt.	2,018,182.961	983,101.495
15+66.76	73.90' Rt.	2,018,110.667	983,166.890
111+13.43	0.30' Lt.	2,018,141.996	983,698.785
112+38.67	87.57' Lt.	2,018,295.982	983,690.593
112+83.60	239.01' Lt.	2,018,418.462	983,589.675
113+73.06	141.01' Lt.	2,018,441.676	983,724.417
114+05.04	79.38' Lt.	2,018,432.738	983,793.844
114+77.57	202.49' Lt.	2,018,567.295	983,740.589
116+81.62	386.44' Lt.	2,018,857.741	983,741.478
117+11.07	349.01' Lt.	2,018,857.588	983,791.520

Existing & Proposed McHenry Avenue Curve #1	Existing & Proposed James R. Rakow Road Curve #4	Proposed James R. Rakow Road Curve #4
P.I. = Sta. 14+74.06	P.I. = Sta. 112+69.89	P.I. = Sta. 127+17.45
Δ = 53°19'41"	Δ = 21°32'20"	Δ = 60°11'27"
R = 517.74'	R = 818.55'	R = 2880.18'
T = 259.99'	T = 155.70'	T = 1669.28'
L = 481.89'	L = 307.71'	L = 3025.72'
E = 61.61'	E = 14.68'	E = 448.77'
P.C. = Sta. 12+14.07	P.C. = Sta. 111+14.19	P.C. = Sta. 110+48.17
P.T. = Sta. 16+95.96	P.T. = Sta. 114+21.90	P.T. = Sta. 140+73.89

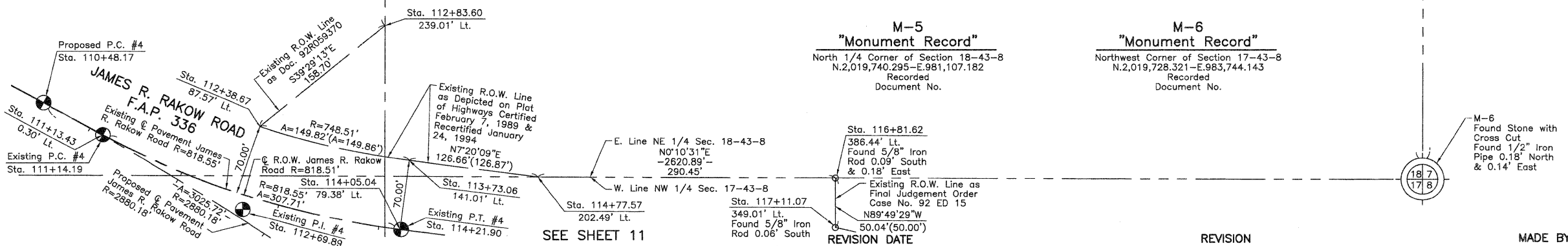
Measured & Record R.O.W. James R. Rakow Road Curve #1	Record R.O.W. James R. Rakow Road Curve #4
Δ = 21°32'19"	Δ = 21°32'17"
R = 818.51'	R = 818.51'
T = 155.69'	T = 155.68'
L = 307.70'	L = 307.69'
E = 14.67'	E = 14.67'

Point Number	Tie to point	Tie Distance (feet)
1	T1 T2 T3	
2	T1 T2 T3	
3	T1 T2 T3	
4	T1 T2 T3	

Parcel	Document No.	Date Recorded
1H40013	516641	October 31, 1969
1H40013	584621	January 11, 1973
-----	516642	October 31, 1969
-----	92 ED 15	*April 22 1992
-----	92R059370	October 30, 1992
-----	97R049256	October 7, 1997

M-5 "Monument Record"
North 1/4 Corner of Section 18-43-8
N.2,019,740.295-E.981,107.182
Recorded Document No.

M-6 "Monument Record"
Northwest Corner of Section 17-43-8
N.2,019,728.321-E.983,744.143
Recorded Document No.



STATION	OFFSET	NORTH	EAST
5+51.45	64.32' Rt.	2,019,119.567	982,904.689
6+51.45	54.27' Rt.	2,019,021.869	982,928.249
6+55.57	84.94' Rt.	2,019,013.611	982,898.425
6+59.91	54.27' Rt.	2,019,013.483	982,929.405
8+51.45	54.18' Rt.	2,018,823.742	982,955.557
9+51.45	64.13' Rt.	2,018,723.313	982,959.305

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

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (JAMES R. RAKOW ROAD)

SECTION 05-00308-00-WR McHENRY COUNTY
PROJECT JOB NO. R-91-007-06
STATION 5+00.00 TO STATION 17+00 (McHENRY AVE.)
STATION 110+48.17 TO STATION 113+00 (JAMES R. RAKOW RD.)
SCALE: 1"=60'
SHEET 10 OF 36

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

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
1H40014	Material Service Corporation, a Delaware Corporation	121.893	14.229	N/A	107.664	N/A	N/A	19-17-100-012	

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
1H40014	92 ED 15	*April 22, 1992
-----	468857	February 6, 1967
-----	480555	October 31, 1967
-----	508944	May 14, 1969
-----	92 ED 15	*April 22, 1992

LEGEND

SECTION CORNER 16 15 QUARTER SECTION CORNER

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

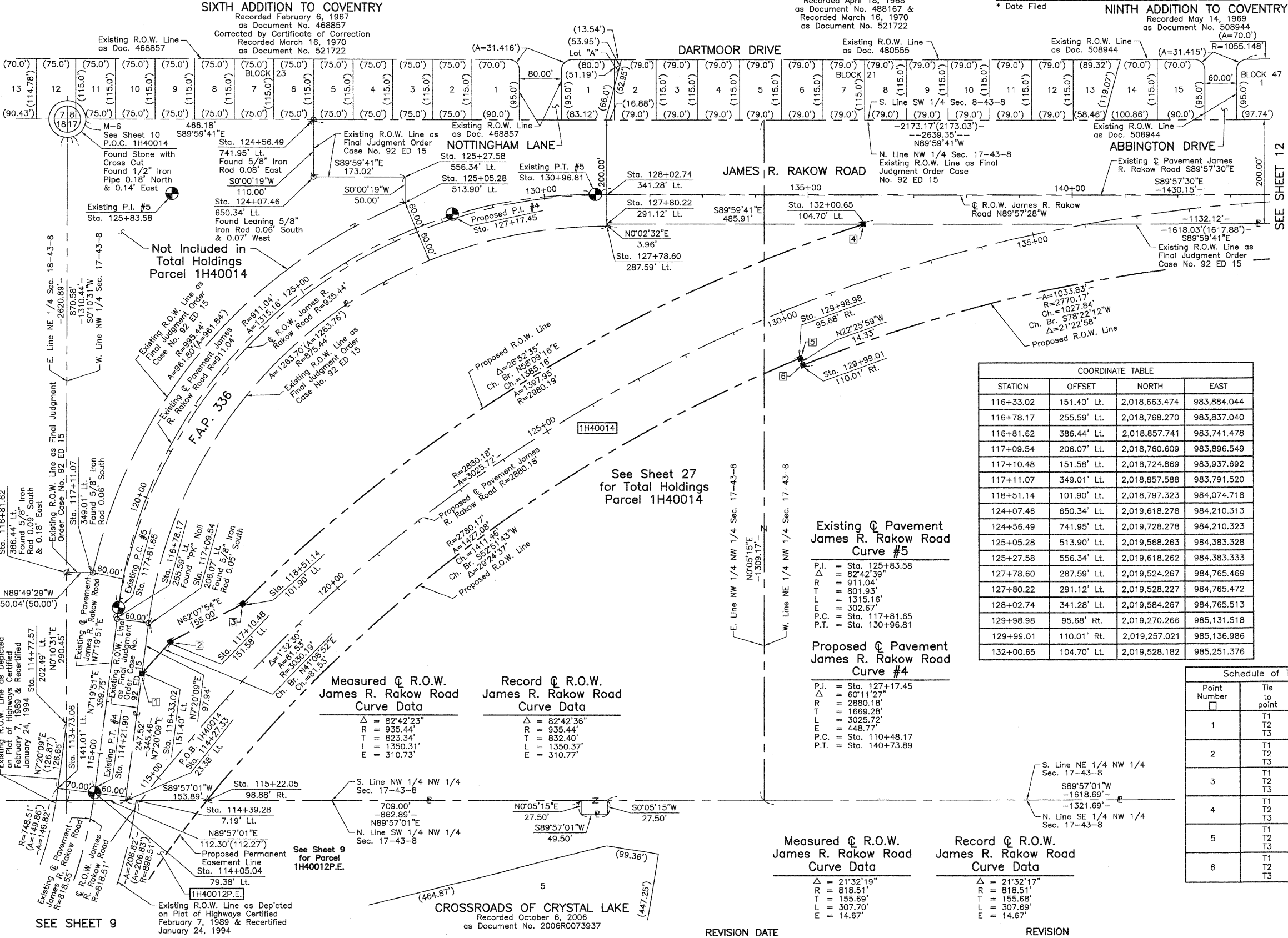
APL
APPARENT PROPERTY LINE
CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA

EXISTING BUILDING

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

0 100' 200'
SCALE: 1"=100'

SEE SHEET 12



- 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 BETWEEN SECTION 8, TOWNSHIP 43N., RANGE 8E. AND SECTION 17, TOWNSHIP 43N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

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

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

Note: Surface Coordinates are Shown.

STATION	OFFSET	NORTH	EAST
113+73.06	141.01' Lt.	2,018,441.676	983,724.417
114+05.04	79.38' Lt.	2,018,432.738	983,793.844
114+27.33	23.38' Lt.	2,018,417.980	983,852.439
114+39.28	7.19' Lt.	2,018,417.998	983,872.595
114+77.57	202.49' Lt.	2,018,567.295	983,740.589
115+22.05	98.88' Rt.	2,018,418.114	984,006.326

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

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (JAMES R. RAKOW ROAD)
SECTION 05-00308-00-WR McHENRY COUNTY
PROJECT JOB NO. R-91-007-06
STATION 113+00 TO STATION 139+00
SCALE: 1"=100' SHEET 11 OF 36

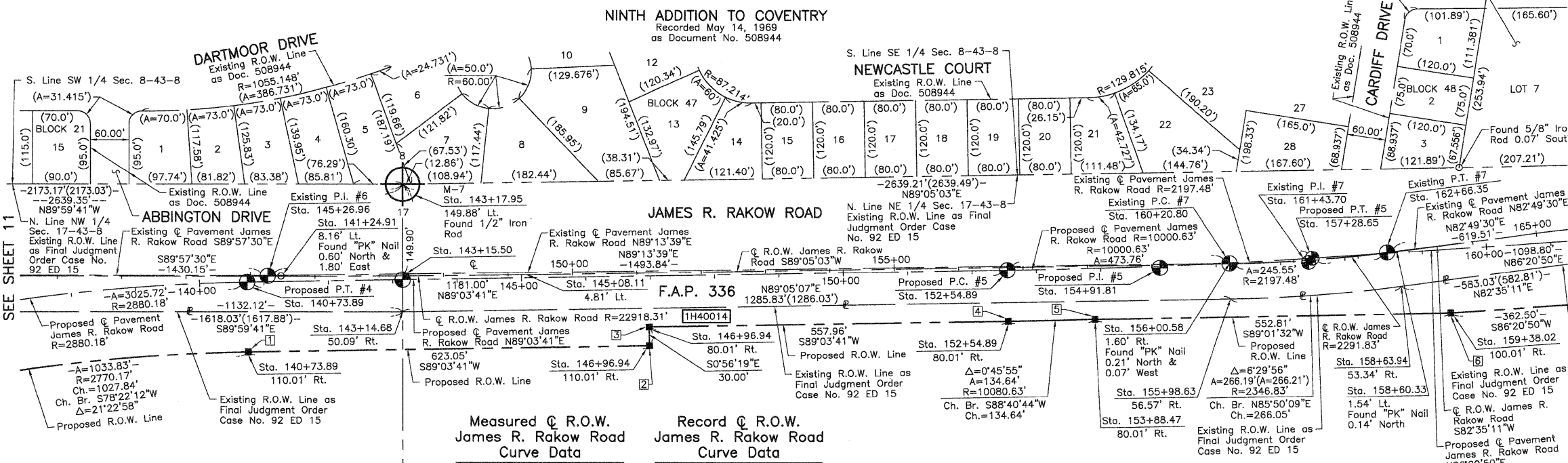
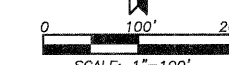
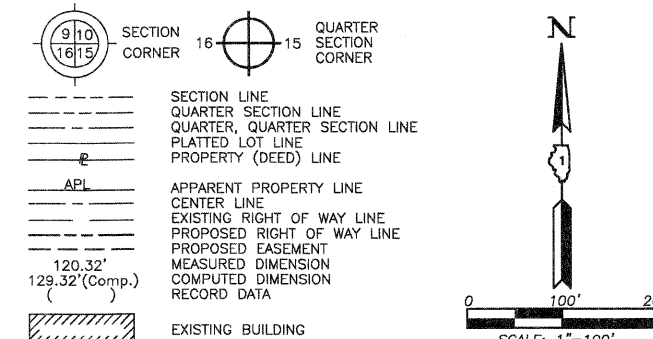
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
1H40014	92 ED 15	*April 22, 1992
---	508944	May 14, 1969

* Date Filed

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
1H40014	Material Service Corporation, a Delaware Corporation	121.893	14.229	N/A	107.664	N/A	N/A	19-17-100-012	

LEGEND



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

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

● T1 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 BETWEEN SECTION 8, TOWNSHIP 43N., RANGE 8E. AND SECTION 17, TOWNSHIP 43N., RANGE 8E. OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

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

Measured @ R.O.W. James R. Rakow Road Curve Data		Record @ R.O.W. James R. Rakow Road Curve Data	
Δ = 0°57'29"	R = 22918.31'	Δ = 0°56'56"	R = 22918.31'
T = 191.62'	L = 383.22'	T = 189.83'	L = 379.65'
E = 0.80'		E = 0.79'	

See Sheet 27 for Total Holdings Parcel 1H40014

Measured @ R.O.W. James R. Rakow Road Curve Data		Record @ R.O.W. James R. Rakow Road Curve Data	
Δ = 6°29'52"	R = 2291.83'	Δ = 6°29'57"	R = 2291.83'
T = 130.09'	L = 259.91'	T = 130.13'	L = 259.97'
E = 3.69'		E = 3.69'	

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
146+96.94	110.01' Rt.	2,019,474.430	986,766.690
152+54.89	80.01' Rt.	2,019,513.568	987,324.079
153+88.47	80.01' Rt.	2,019,516.672	987,458.686
155+98.63	56.57' Rt.	2,019,548.603	987,669.165
156+00.58	1.60' Rt.	2,019,603.597	987,668.328
158+60.33	1.54' Lt.	2,019,622.462	987,927.411
158+63.94	53.34' Rt.	2,019,567.922	987,934.511
159+38.02	100.01' Rt.	2,019,526.074	988,011.419

Proposed @ Pavement James R. Rakow Road Curve #4

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

Proposed @ Pavement James R. Rakow Road Curve #5

P.I. = Sta. 154+91.81
 Δ = 2°42'51"
 R = 10000.63'
 T = 236.92'
 L = 473.76'
 E = 2.81'
 P.C. = Sta. 152+54.89
 P.T. = Sta. 157+28.65

Existing @ Pavement James R. Rakow Road Curve #7

P.I. = Sta. 161+43.70
 Δ = 6°24'09"
 R = 2197.48'
 T = 122.90'
 L = 245.55'
 E = 3.43'
 P.C. = Sta. 160+20.80
 P.T. = Sta. 162+66.35

M-7 "Monument Record"
 North 1/4 Corner of Section 17-43-8
 N.2,019,728.077-E.986,383.497
 Recorded Document No.

Schedule of Ties		
Point Number	Tie to point	Tie Distance (feet)
1	T1	
	T2	
	T3	
2	T1	
	T2	
	T3	
3	T1	
	T2	
	T3	
4	T1	
	T2	
	T3	
5	T1	
	T2	
	T3	
6	T1	
	T2	
	T3	

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

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
140+73.89	110.01' Rt.	2,019,464.224	986,143.723
141+24.91	8.16' Lt.	2,019,583.214	986,192.799
143+14.68	50.09' Rt.	2,019,528.077	986,383.499
143+17.95	149.88' Lt.	2,019,728.077	986,383.497
145+08.11	4.81' Lt.	2,019,586.136	986,576.009
146+96.94	80.01' Rt.	2,019,504.428	986,766.199

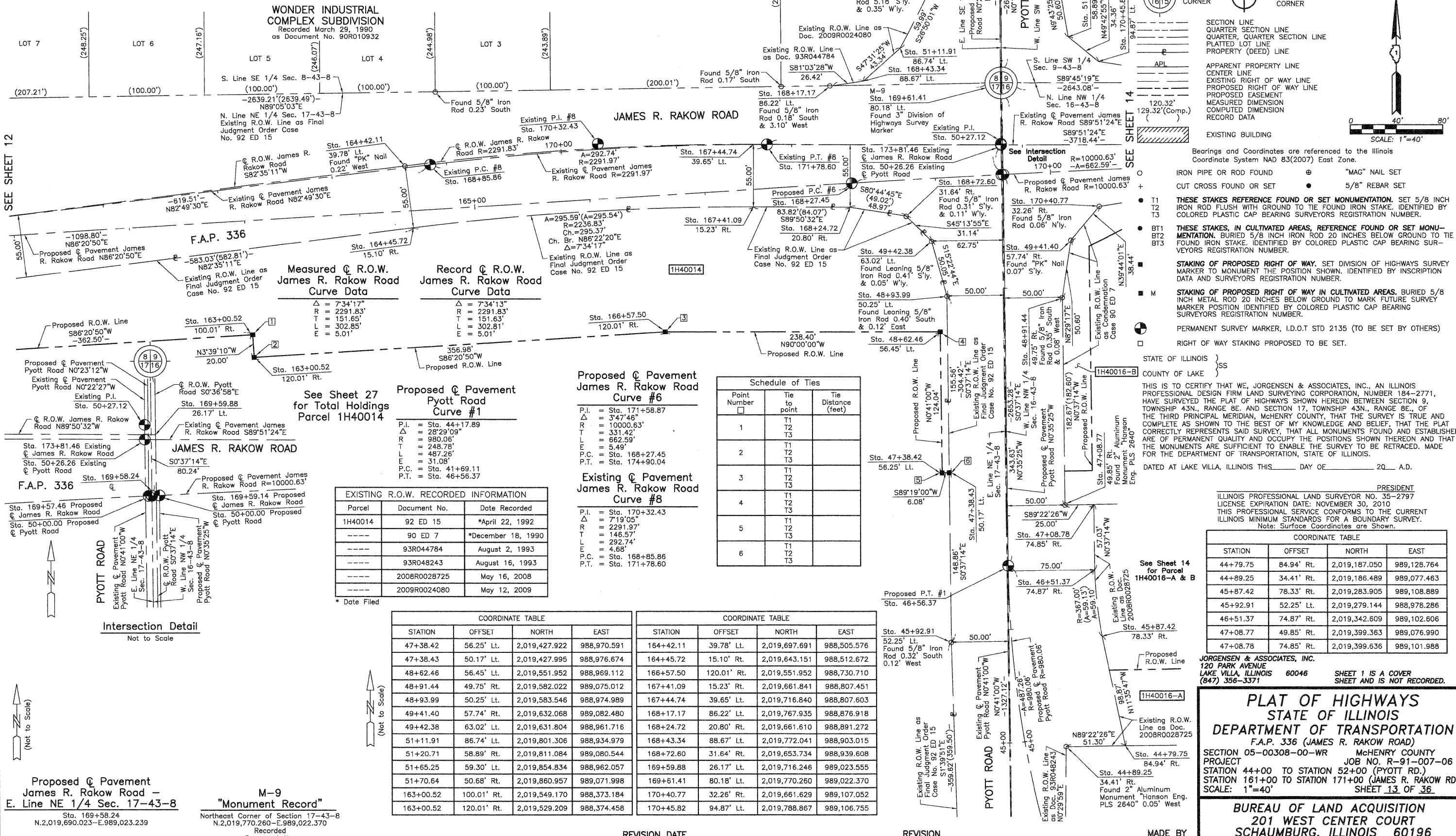
SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.P. 336 (JAMES R. RAKOW ROAD)
 SECTION 05-00308-00-WR McHENRY COUNTY
 PROJECT JOB NO. R-91-007-06
 STATION 138+00 TO STATION 161+00
 SCALE: 1"=100' SHEET 12 OF 36

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 OF SEC. 16 AND PART OF THE NE 1/4 OF SEC. 17, TWP. 43 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1H40014	Material Service Corporation, a Delaware Corporation	121.893	14.229	N/A	107.664	N/A	N/A	19-17-100-012	

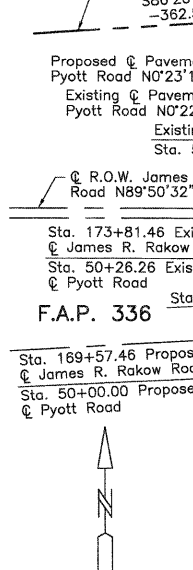


SEE SHEET 12

SEE SHEET 15

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 NAD 83(2007) East Zone.
- 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.



Measured & Record & Proposed R.O.W. Curve Data

Curve	Delta	R	T	L	E
Measured & Record	7°34'17"	2291.83'	151.65'	302.85'	5.01'
Proposed	7°34'13"	2291.83'	151.63'	302.81'	5.01'

Proposed & Existing Pavement Curve Data

Curve	P.I.	Sta.	Delta	R	T	L	E	P.C.	P.T.
Proposed #1	Sta. 44+17.89	44+17.89	28°29'09"	980.06'	248.78'	487.26'	31.08'	Sta. 41+69.11	Sta. 46+56.37
Proposed #6	Sta. 171+58.87	171+58.87	3°47'46"	10000.63'	331.42'	662.59'	5.49'	Sta. 168+27.45	Sta. 174+90.04
Existing #8	Sta. 170+32.43	170+32.43	7°19'05"	2291.97'	146.57'	292.74'	4.68'	Sta. 168+85.86	Sta. 171+78.60

Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1 T2 T3	
2	T1 T2 T3	
3	T1 T2 T3	
4	T1 T2 T3	
5	T1 T2 T3	
6	T1 T2 T3	

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1H40014	92 ED 15	*April 22, 1992
-----	90 ED 7	*December 18, 1990
-----	93R044784	August 2, 1993
-----	93R048243	August 16, 1993
-----	2008R0028725	May 16, 2008
-----	2009R0024080	May 12, 2009

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
47+38.42	56.25' Lt.	2,019,427.922	988,970.591
47+38.43	50.17' Lt.	2,019,427.995	988,976.674
48+62.46	56.45' Lt.	2,019,551.952	988,969.112
48+91.44	49.75' Rt.	2,019,582.022	989,075.012
48+93.99	50.25' Rt.	2,019,583.546	988,974.989
49+41.40	57.74' Rt.	2,019,632.068	989,082.480
49+42.38	63.02' Lt.	2,019,631.804	988,961.716
51+11.91	86.74' Lt.	2,019,801.306	988,934.979
51+20.71	58.89' Rt.	2,019,811.084	989,080.544
51+65.25	59.30' Lt.	2,019,854.834	988,962.057
51+70.64	50.68' Rt.	2,019,860.957	989,071.998
163+00.52	100.01' Rt.	2,019,549.170	988,373.184
163+00.52	120.01' Rt.	2,019,529.209	988,374.458

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
164+42.11	39.78' Lt.	2,019,697.691	988,505.576
164+45.72	15.10' Rt.	2,019,643.151	988,512.672
166+57.50	120.01' Rt.	2,019,551.952	988,730.710
167+41.09	15.23' Rt.	2,019,661.841	988,807.451
167+44.74	39.65' Lt.	2,019,716.840	988,807.603
168+17.17	86.22' Lt.	2,019,767.935	988,876.918
168+24.72	20.80' Rt.	2,019,661.610	988,891.272
168+43.34	88.67' Lt.	2,019,772.041	988,903.015
168+72.60	31.64' Rt.	2,019,653.734	988,939.608
169+59.88	26.17' Lt.	2,019,716.246	989,023.555
169+61.41	80.18' Lt.	2,019,770.260	989,022.370
170+40.77	32.26' Rt.	2,019,661.629	989,107.052
170+45.82	94.87' Lt.	2,019,788.867	989,106.755

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
44+79.75	84.94' Rt.	2,019,187.050	989,128.764
44+89.25	34.41' Rt.	2,019,186.489	989,077.463
45+87.42	78.33' Rt.	2,019,283.905	989,108.889
45+92.91	52.25' Lt.	2,019,279.144	988,978.286
46+51.37	74.87' Rt.	2,019,342.609	989,102.606
47+08.77	49.85' Rt.	2,019,399.363	989,076.990
47+08.78	74.85' Rt.	2,019,399.636	989,101.988

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

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (JAMES R. RAKOW ROAD)
PROJECT 05-00308-00-WR McHENRY COUNTY
JOB NO. R-91-007-06
STATION 44+00 TO STATION 52+00 (PYOTT RD.)
STATION 161+00 TO STATION 171+00 (JAMES R. RAKOW RD.)
SCALE: 1"=40'
SHEET 13 OF 36

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

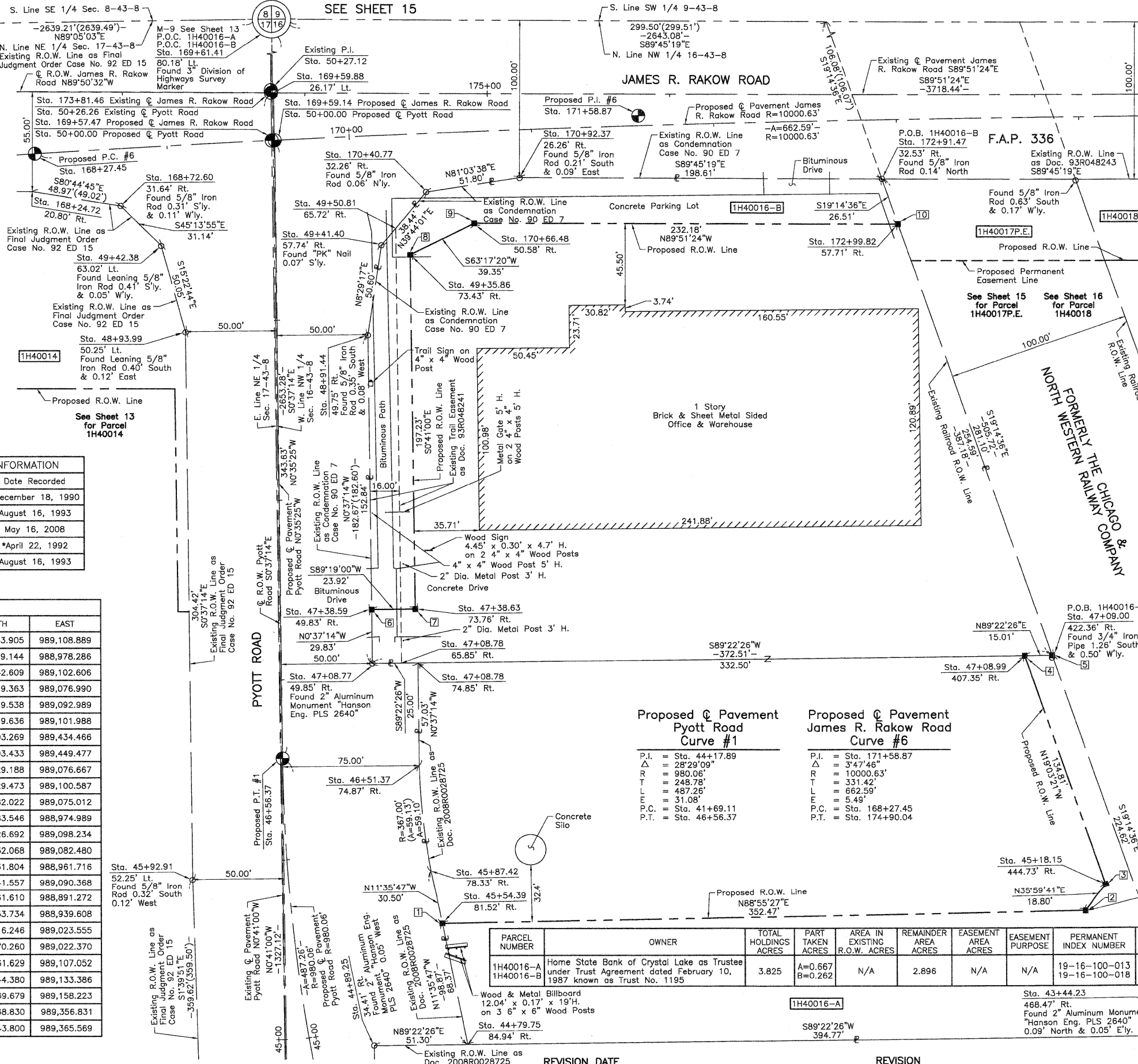
Proposed & Existing Pavement James R. Rakow Road - E. Line NE 1/4 Sec. 17-43-8
Sta. 169+58.24
N.2,019,690.023-E.989,023.239

M-9
"Monument Record"
Northeast Corner of Section 17-43-8
N.2,019,770.260-E.989,022.370
Recorded Document No.

Point Number	Tie to point	Tie Distance (feet)
1	T1 T2 T3	
2	T1 T2 T3	
3	T1 T2 T3	
4	T1 T2 T3	
5	T1 T2 T3	
6	T1 T2 T3	
7	T1 T2 T3	
8	T1 T2 T3	
9	T1 T2 T3	
10	T1 T2 T3	

Parcel	Document No.	Date Recorded
1H40016	90 ED 7	*December 18, 1990
1H40016	93R048241	August 16, 1993
1H40016	2008R0028725	May 16, 2008
----	92 ED 15	*April 22, 1992
----	93R048243	August 16, 1993

STATION	OFFSET	NORTH	EAST
45+87.42	78.33' Rt.	2,019,283.905	989,108.889
45+92.91	52.25' Lt.	2,019,279.144	988,978.286
46+51.37	74.87' Rt.	2,019,342.609	989,102.606
47+08.77	49.85' Rt.	2,019,399.363	989,076.990
47+08.78	65.85' Rt.	2,019,399.538	989,092.989
47+08.78	74.85' Rt.	2,019,399.636	989,101.988
47+08.99	407.35' Rt.	2,019,403.269	989,434.466
47+09.00	422.36' Rt.	2,019,403.433	989,449.477
47+38.59	49.83' Rt.	2,019,429.188	989,076.667
47+38.63	73.76' Rt.	2,019,429.473	989,100.587
48+91.44	49.75' Rt.	2,019,582.022	989,075.012
48+93.99	50.25' Lt.	2,019,583.546	988,974.989
49+35.86	73.43' Rt.	2,019,626.692	989,098.234
49+41.40	57.74' Rt.	2,019,632.068	989,082.480
49+42.38	63.02' Lt.	2,019,631.804	988,961.716
49+50.81	65.72' Rt.	2,019,641.557	989,090.368
168+24.72	20.80' Rt.	2,019,661.610	988,891.272
168+72.60	31.64' Rt.	2,019,653.734	988,939.608
169+59.88	26.17' Lt.	2,019,716.246	989,023.555
169+61.41	80.18' Lt.	2,019,770.260	989,022.370
170+40.77	32.26' Rt.	2,019,661.629	989,107.052
170+66.48	50.58' Rt.	2,019,644.380	989,133.386
170+92.37	26.26' Rt.	2,019,669.679	989,158.223
172+91.47	32.53' Rt.	2,019,668.830	989,356.831
172+99.82	57.71' Rt.	2,019,643.800	989,365.569



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 NAD 83(2007) East Zone.

○ 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 DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 16, TOWNSHIP 43N., RANGE 8E. AND SECTION 17, TOWNSHIP 43N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

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

P.I.	= Sta. 44+17.89
Δ	= 28°29'09"
R	= 980.06'
T	= 248.78'
L	= 487.26'
P.C.	= Sta. 41+69.11
P.T.	= Sta. 46+56.37

P.I.	= Sta. 171+58.87
Δ	= 3°47'46"
R	= 10000.63'
T	= 331.42'
L	= 662.59'
P.C.	= Sta. 168+27.45
P.T.	= Sta. 174+90.04

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
1H40016-A 1H40016-B	Home State Bank of Crystal Lake as Trustee under Trust Agreement dated February 10, 1987 known as Trust No. 1195	3.825	A=0.667 B=0.262	N/A	2.896	N/A	N/A	19-16-100-013 19-16-100-018	

STATION	OFFSET	NORTH	EAST
43+44.23	468.47' Rt.	2,019,191.363	989,523.507
44+79.75	84.94' Rt.	2,019,187.050	989,128.764
44+89.25	34.41' Rt.	2,019,186.489	989,077.463
44+94.27	431.35' Rt.	2,019,260.643	989,467.432
45+18.15	444.73' Rt.	2,019,275.851	989,478.479
45+54.39	81.52' Rt.	2,019,254.026	989,115.020

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
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(847) 356-3371

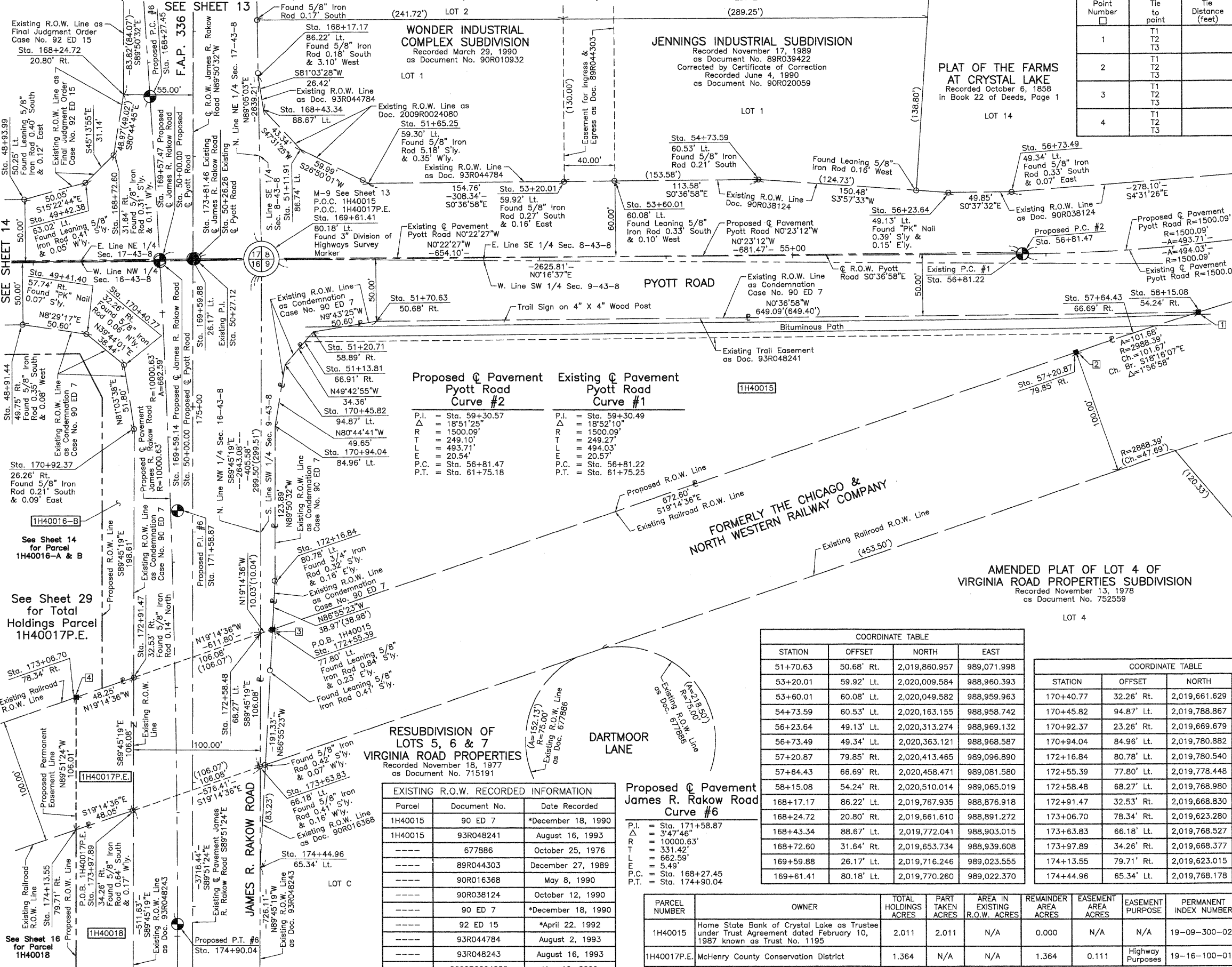
PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2010
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
Note: Surface Coordinates are Shown.

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (JAMES R. RAKOW ROAD)
McHENRY COUNTY
SECTION 05-00308-00-WR
PROJECT JOB NO. R-91-007-06
STATION 44+00 TO STATION 51+00 (PYOTT RD.)
STATION 168+00 TO STATION 174+00 (JAMES R. RAKOW RD.)
SCALE: 1"=30'
SHEET 14 OF 36

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 OF SEC. 16 AND PART OF THE NE 1/4 OF SEC. 17, TWP. 43 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.



Point Number	Tie to point	Tie Distance (feet)
1	T1 T2 T3	
2	T1 T2 T3	
3	T1 T2 T3	
4	T1 T2 T3	

LEGEND

SECTION CORNER 16 QUARTER SECTION CORNER 15

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 NAD 83(2007) East Zone.

○ 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

SCALE: 1"=40'

Proposed Pavement Pyott Road Curve #2		Existing Pavement Pyott Road Curve #1	
P.I.	Sta. 59+30.57	P.I.	Sta. 59+30.49
Δ	18°51'25"	Δ	18°52'10"
R	1500.09'	R	1500.09'
T	249.10'	T	249.27'
E	493.71'	E	494.03'
L	20.54'	L	20.57'
P.C.	Sta. 56+81.47	P.C.	Sta. 56+81.22
P.T.	Sta. 61+75.18	P.T.	Sta. 61+75.25

STATION	OFFSET	NORTH	EAST
51+70.63	50.68' Rt.	2,019,860.957	989,071.998
53+20.01	59.92' Lt.	2,020,009.584	988,960.393
53+60.01	60.08' Lt.	2,020,049.582	988,959.963
54+73.59	60.53' Lt.	2,020,163.155	988,958.742
56+23.64	49.13' Lt.	2,020,313.274	988,969.132
56+73.49	49.34' Lt.	2,020,363.121	988,968.587
57+20.87	79.85' Rt.	2,020,413.465	989,096.890
57+64.43	66.69' Rt.	2,020,458.471	989,081.580
58+15.08	54.24' Rt.	2,020,510.014	989,065.019
168+17.17	86.22' Lt.	2,019,767.935	988,876.918
168+24.72	20.80' Rt.	2,019,661.610	988,891.272
168+43.34	88.67' Lt.	2,019,772.041	988,903.015
168+72.60	31.64' Rt.	2,019,653.734	988,939.608
169+59.88	26.17' Lt.	2,019,716.246	989,023.555
169+61.41	80.18' Lt.	2,019,770.260	989,022.370

STATION	OFFSET	NORTH	EAST
48+91.44	49.75' Rt.	2,019,582.022	989,075.012
48+93.99	50.25' Lt.	2,019,583.546	989,974.989
49+41.40	57.74' Rt.	2,019,632.068	989,082.480
49+42.38	63.02' Lt.	2,019,631.804	988,961.716
51+11.91	86.74' Lt.	2,019,801.306	988,934.979
51+13.81	66.91' Rt.	2,019,804.243	989,088.614
51+20.71	58.89' Rt.	2,019,811.084	989,080.544
51+55.25	59.30' Lt.	2,019,854.834	988,962.057
170+40.77	32.26' Rt.	2,019,661.629	989,107.052
170+45.82	94.87' Lt.	2,019,788.867	989,106.755
170+92.37	23.26' Rt.	2,019,669.679	989,158.223
170+94.04	84.96' Lt.	2,019,780.882	989,155.758
172+16.84	80.78' Lt.	2,019,780.540	989,279.648
172+55.39	77.80' Lt.	2,019,778.448	989,318.565
172+58.48	68.27' Lt.	2,019,768.980	989,321.870
172+91.47	32.53' Rt.	2,019,668.830	989,356.831
173+06.70	78.34' Rt.	2,019,623.280	989,372.732
173+63.83	66.18' Lt.	2,019,768.527	989,427.946
173+97.89	34.26' Rt.	2,019,668.377	989,462.907
174+13.55	79.71' Rt.	2,019,623.015	989,478.742
174+44.96	65.34' Lt.	2,019,768.178	989,509.615

Parcel	Document No.	Date Recorded
1H40015	90 ED 7	*December 18, 1990
1H40015	93R048241	August 16, 1993
-----	677886	October 25, 1976
-----	89R044303	December 27, 1989
-----	90R016368	May 8, 1990
-----	90R038124	October 12, 1990
-----	90 ED 7	*December 18, 1990
-----	92 ED 15	*April 22, 1992
-----	93R044784	August 2, 1993
-----	93R048243	August 16, 1993
-----	2009R0024080	May 12, 2009

P.I.	Sta. 171+58.87
Δ	3°47'46"
R	10000.63'
T	331.42'
E	662.59'
L	5.49'
P.C.	Sta. 168+27.45
P.T.	Sta. 174+90.04

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
1H40015	Home State Bank of Crystal Lake as Trustee under Trust Agreement dated February 10, 1987 known as Trust No. 1195	2.011	2.011	N/A	0.000	N/A	N/A	19-09-300-026	
1H40017P.E.	McHenry County Conservation District	1.364	N/A	N/A	1.364	0.111	Highway Purposes	19-16-100-015	

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
48+91.44	49.75' Rt.	2,019,582.022	989,075.012
48+93.99	50.25' Lt.	2,019,583.546	989,974.989
49+41.40	57.74' Rt.	2,019,632.068	989,082.480
49+42.38	63.02' Lt.	2,019,631.804	988,961.716
51+11.91	86.74' Lt.	2,019,801.306	988,934.979
51+13.81	66.91' Rt.	2,019,804.243	989,088.614
51+20.71	58.89' Rt.	2,019,811.084	989,080.544
51+55.25	59.30' Lt.	2,019,854.834	988,962.057

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

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (JAMES R. RAKOW ROAD)
SECTION 05-00308-00-WR McHENRY COUNTY
PROJECT JOB NO. R-91-007-06
STATION 49+00 TO STATION 57+00 (PYOTT RD.)
STATION 168+00 TO STATION 175+00 (JAMES R. RAKOW RD.)
SCALE: 1"=40'
SHEET 15 OF 36

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

STATION	OFFSET	NORTH	EAST
51+09.19	38.59' Rt.	2,019,808.803	990,403.322
51+67.88	61.42' Lt.	2,019,788.902	990,289.082
51+85.63	73.55' Lt.	2,019,794.596	990,268.353
52+01.30	38.49' Rt.	2,019,878.999	990,343.685
52+01.57	38.72' Rt.	2,019,879.354	990,343.684
52+13.33	41.49' Lt.	2,019,836.462	990,274.896
52+57.61	51.41' Lt.	2,019,863.823	990,238.702
52+90.31	41.34' Lt.	2,019,895.273	990,225.231
55+37.01	40.88' Lt.	2,020,083.754	990,066.063
55+37.03	50.88' Lt.	2,020,077.302	990,058.422
57+51.85	39.52' Rt.	2,020,299.629	989,988.469
57+52.01	40.48' Lt.	2,020,248.018	989,927.344
58+91.85	39.78' Rt.	2,020,406.591	989,898.142
58+92.01	40.22' Lt.	2,020,354.980	989,837.016
172+16.84	80.78' Lt.	2,019,780.540	989,279.648

STATION	OFFSET	NORTH	EAST
173+62.44	70.31' Lt.	2,019,772.646	989,426.508
173+97.89	34.26' Rt.	2,019,668.377	989,462.907
174+13.55	79.71' Rt.	2,019,623.015	989,478.742
174+44.96	65.34' Lt.	2,019,768.178	989,509.615
174+52.14	189.93' Rt.	2,019,512.919	989,517.175
175+30.36	80.01' Rt.	2,019,622.725	989,594.949
175+30.36	190.01' Rt.	2,019,512.725	989,594.674
179+09.84	35.59' Rt.	2,019,666.191	989,974.532
181+39.83	46.00' Rt.	2,019,655.208	990,204.500
181+70.77	63.95' Lt.	2,019,765.076	990,235.716
181+85.98	66.36' Lt.	2,019,767.450	990,250.928
182+16.33	71.17' Lt.	2,019,772.188	990,281.294
182+85.94	46.26' Rt.	2,019,654.584	990,350.609
183+21.98	80.01' Rt.	2,019,620.745	990,386.559
184+60.08	63.44' Lt.	2,019,763.840	990,525.025
185+36.07	49.01' Rt.	2,019,651.206	990,600.731
185+81.38	36.78' Rt.	2,019,663.322	990,646.066

LEGEND

SECTION CORNER 16, QUARTER SECTION CORNER 15

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 NAD 83(2007) East Zone.

0 60' 120'

SCALE: 1"=60'

IRON PIPE OR ROD FOUND, "MAG" NAIL SET, CUT CROSS FOUND OR SET, 5/8" REBAR SET

T1, T2, T3 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO 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.

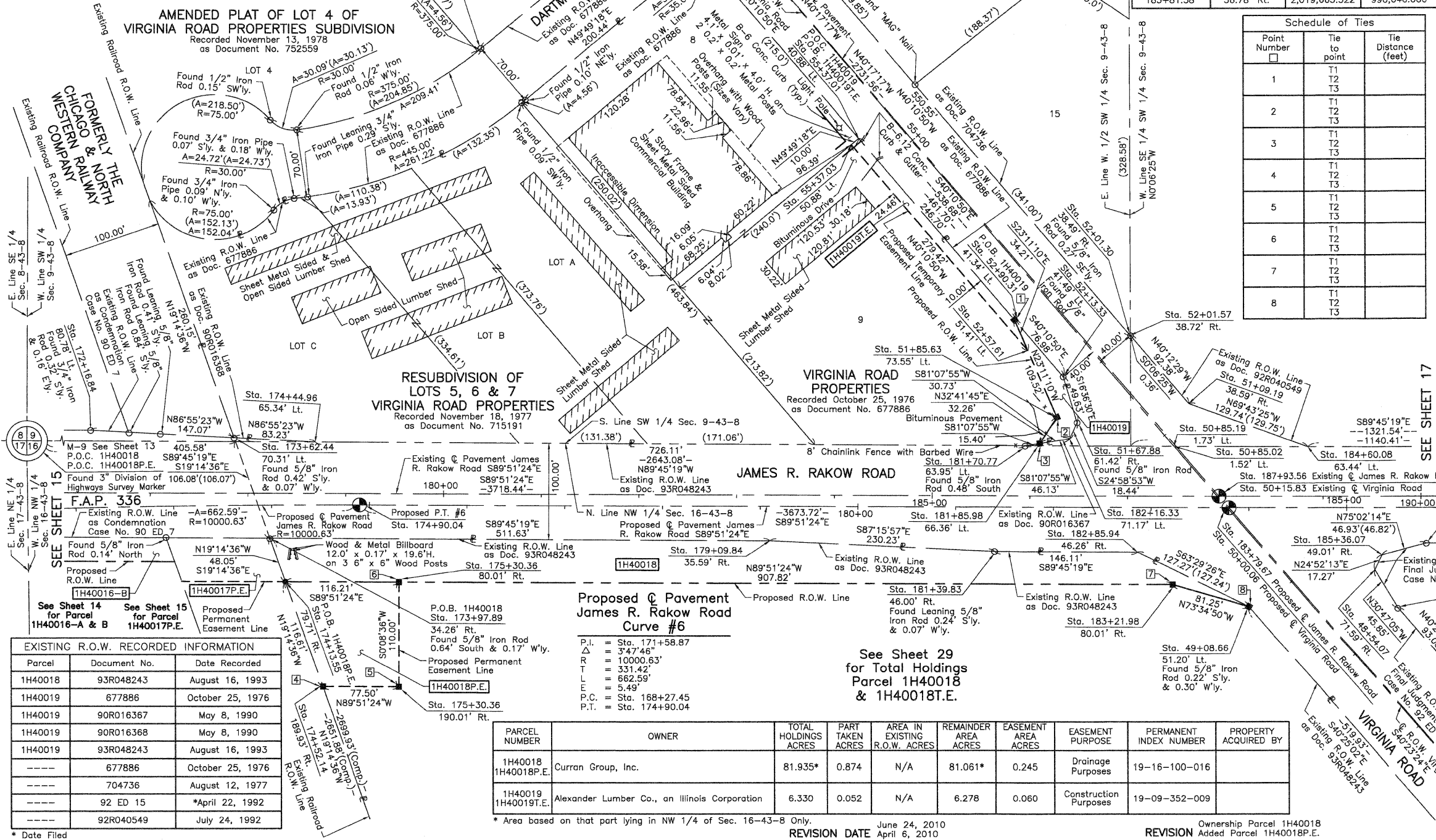
STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

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.

Point Number	Tie to point	Tie Distance (feet)
1	T1	T2
1	T2	T3
2	T1	T2
2	T2	T3
3	T1	T2
3	T2	T3
4	T1	T2
4	T2	T3
5	T1	T2
5	T2	T3
6	T1	T2
6	T2	T3
7	T1	T2
7	T2	T3
8	T1	T2
8	T2	T3



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

PLAT OF HIGHWAYS STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (JAMES R. RAKOW ROAD)
McHENRY COUNTY PROJECT JOB NO. R-91-007-06
SECTION 05-00308-00-WR STATION 46+00 TO STATION 60+00 (VIRGINIA RD.)
STATION 172+00 TO STATION 186+00 (JAMES R. RAKOW RD.)
SCALE: 1"=60' SHEET 16 OF 36

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

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, TOWNSHIP 43 N., RANGE 8 E. AND SECTION 16, TOWNSHIP 43 N., RANGE 8 E. OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, ILLINOIS, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 9, TOWNSHIP 43 N., RANGE 8 E. AND SECTION 16, TOWNSHIP 43 N., RANGE 8 E. OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, ILLINOIS, 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
47+15.85	64.23' Rt.	2,019,525.343	990,677.231
48+08.85	64.02' Rt.	2,019,596.148	990,616.934
48+54.07	71.59' Rt.	2,019,635.538	990,593.468
49+08.66	51.20' Lt.	2,019,597.778	990,464.498
50+85.02	1.52' Lt.	2,019,764.424	990,388.357
50+85.19	1.73' Lt.	2,019,764.425	990,388.085

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PART OF THE S. 1/2 OF SEC. 9, PART OF THE SW 1/4 OF SEC. 10, PART OF THE NW 1/4 OF SEC. 15 AND PART OF THE N. 1/2 OF SEC. 16, TWP. 43 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1H40020	Material Service Corporation, a Delaware corporation	155.359*	2.066	N/A	153.293*	N/A	N/A	19-16-200-005	

* Area based on that part lying in N. 1/2 of Sec. 16-43-8 Only.

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
19+30.11	57.44' Lt.	2,019,637.401	994,231.832
19+30.35	57.36' Rt.	2,019,637.648	994,346.631
20+77.65	57.61' Lt.	2,019,786.947	994,234.457
20+83.95	57.20' Rt.	2,019,789.162	994,349.422
21+23.86	50.17' Lt.	2,019,832.857	994,243.538
21+30.18	49.84' Rt.	2,019,835.623	994,343.705
23+53.91	50.05' Rt.	2,020,059.199	994,351.867
24+39.90	49.87' Lt.	2,020,148.687	994,255.068
24+72.80	48.90' Rt.	2,020,178.056	994,354.942
43+88.73	50.03' Rt.	2,019,201.932	990,801.593
43+88.95	49.97' Rt.	2,019,266.756	990,877.737
44+85.82	49.75' Rt.	2,019,340.508	990,814.931
47+15.85	64.23' Rt.	2,019,525.343	990,677.231
48+08.85	64.02' Rt.	2,019,596.148	990,616.934
48+54.07	71.59' Rt.	2,019,635.538	990,593.468
49+08.66	51.20' Lt.	2,019,597.778	990,464.498
51+09.19	38.59' Rt.	2,019,808.803	990,403.322

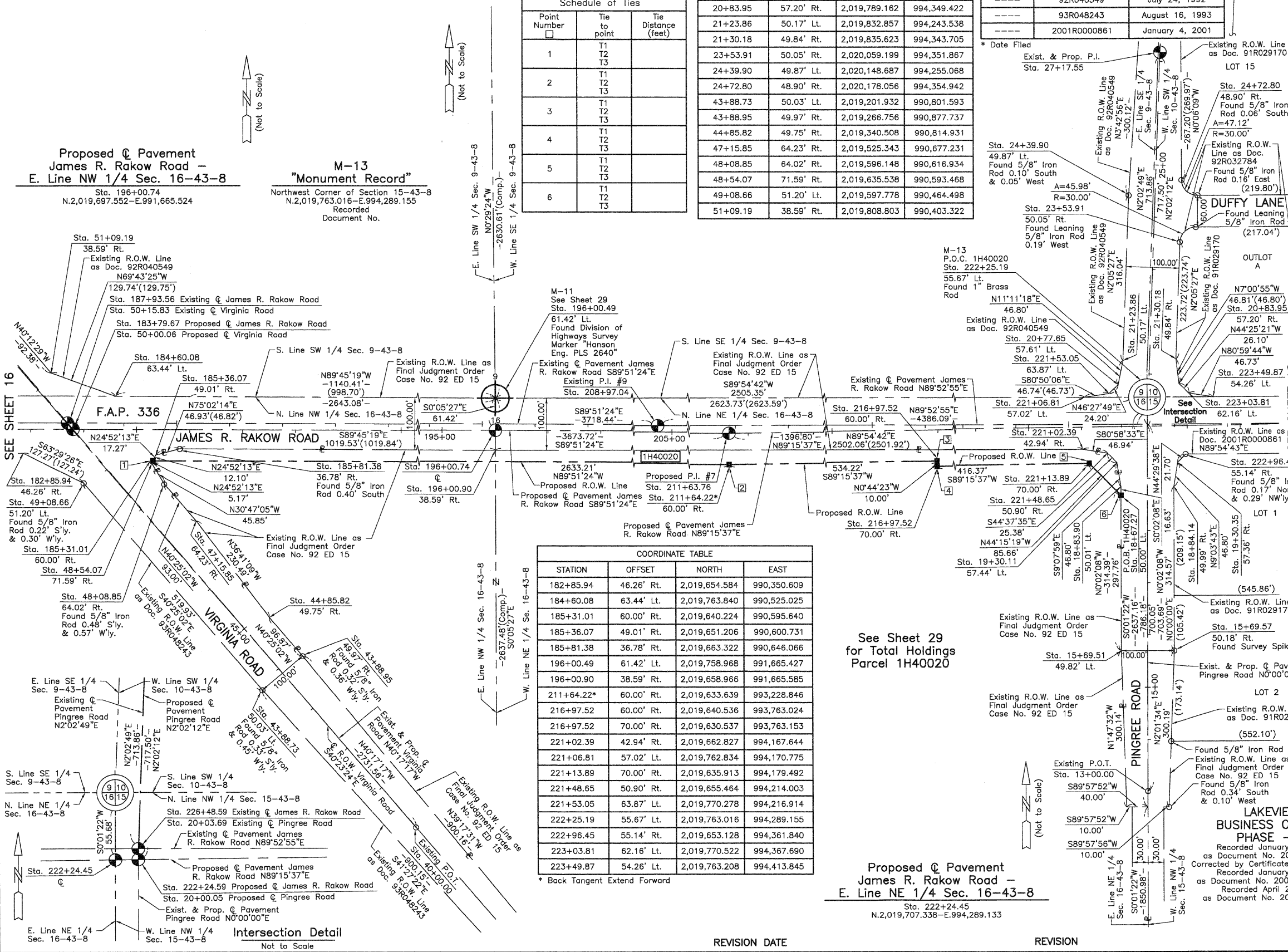
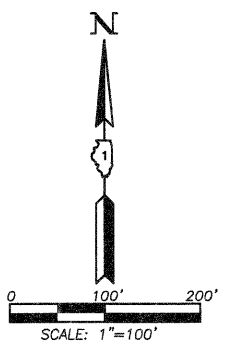
Schedule of Ties		
Point Number	Tie to point	Tie Distance (feet)
1	T1	
	T2	
	T3	
2	T1	
	T2	
	T3	
3	T1	
	T2	
	T3	
4	T1	
	T2	
	T3	
5	T1	
	T2	
	T3	
6	T1	
	T2	
	T3	

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
1H40020	92 ED 15	*April 22, 1992
-----	91R029170	August 2, 1991
-----	92 ED 15	*April 22, 1992
-----	92R032784	June 15, 1992
-----	92R040549	July 24, 1992
-----	93R048243	August 16, 1993
-----	2001R0000861	January 4, 2001

LAKEVIEW BUSINESS CENTER
Recorded June 15, 1992
as Document No. 92R032784

LEGEND

- SECTION CORNER
- 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
- 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.



COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
182+85.94	46.26' Rt.	2,019,654.584	990,350.609
184+60.08	63.44' Lt.	2,019,763.840	990,525.025
185+31.01	60.00' Rt.	2,019,640.224	990,595.640
185+81.38	36.78' Rt.	2,019,663.322	990,646.066
196+00.49	61.42' Lt.	2,019,758.968	991,665.427
196+00.90	38.59' Rt.	2,019,658.966	991,665.585
211+64.22*	60.00' Rt.	2,019,633.639	993,228.846
216+97.52	60.00' Rt.	2,019,640.536	993,763.024
216+97.52	70.00' Rt.	2,019,630.537	993,763.153
221+02.39	42.94' Rt.	2,019,662.827	994,167.644
221+06.81	57.02' Lt.	2,019,762.834	994,170.775
221+13.89	70.00' Rt.	2,019,635.913	994,179.492
221+48.65	50.90' Rt.	2,019,655.464	994,214.003
221+53.05	63.87' Lt.	2,019,770.278	994,216.914
222+25.19	55.67' Lt.	2,019,763.016	994,289.155
222+96.45	55.14' Rt.	2,019,653.128	994,361.840
223+03.81	62.16' Lt.	2,019,770.522	994,367.690
223+49.87	54.26' Lt.	2,019,763.208	994,413.845

* Back Tangent Extend Forward

See Sheet 29 for Total Holdings Parcel 1H40020

Proposed Pavement James R. Rakow Road - E. Line NE 1/4 Sec. 16-43-8
Sta. 222+24.45
N.2,019,707.338-E.994,289.133

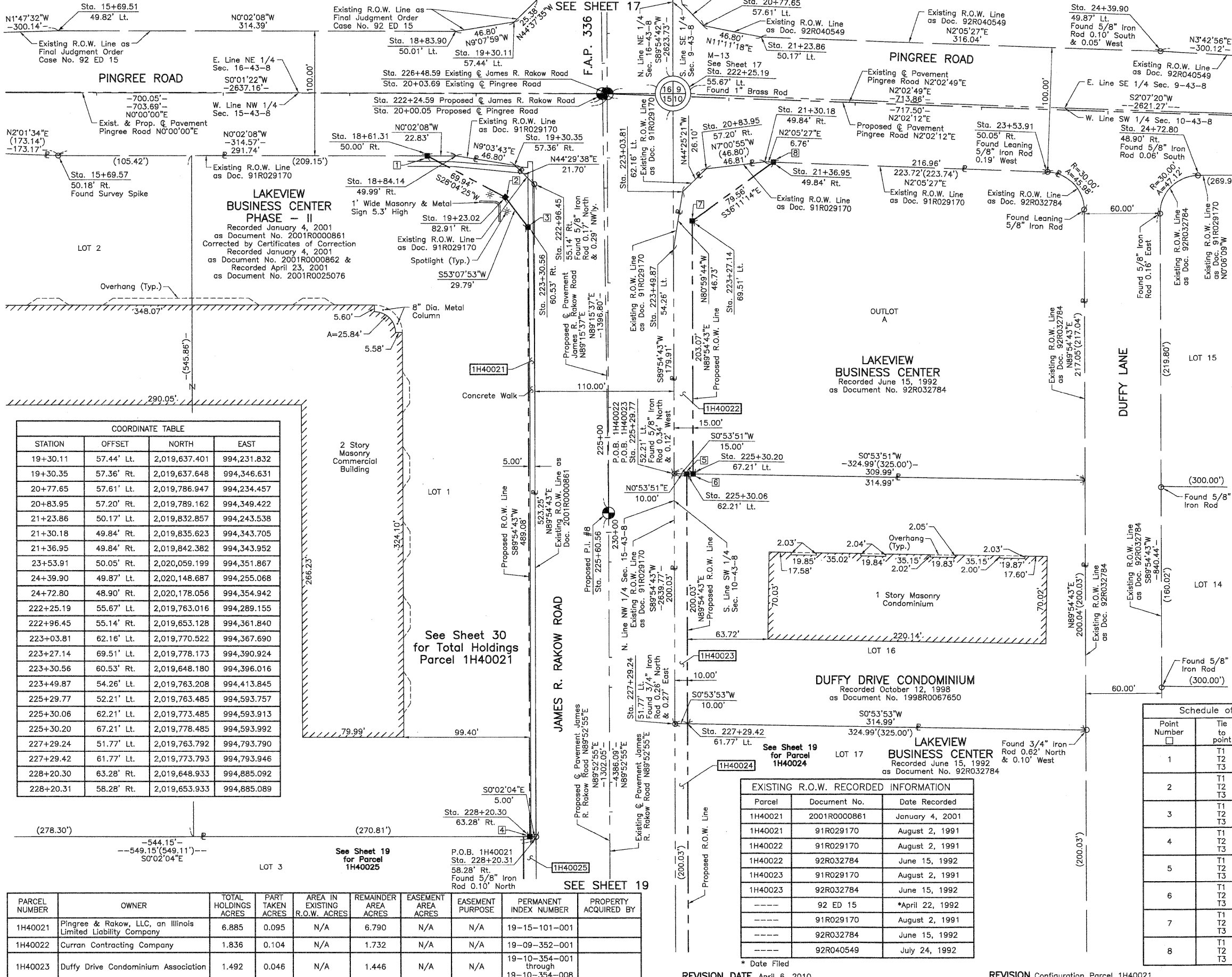
COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
15+69.51	49.82' Lt.	2,019,276.805	994,239.455
15+69.57	50.18' Rt.	2,019,276.862	994,339.455
18+67.27	50.00' Lt.	2,019,574.560	994,239.270
18+83.90	50.01' Lt.	2,019,591.194	994,239.260
18+84.14	49.99' Rt.	2,019,591.432	994,339.260

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60048
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PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (JAMES R. RAKOW ROAD)
SECTION 05-00308-00-WR McHENRY COUNTY
PROJECT JOB NO. R-91-007-06
STATION 13+00.00 TO STATION 27+17.55 (PINGREE RD.)
STATION 40+00.00 TO STATION 52+00 (VIRGINIA RD.)
STATION 182+00 TO STATION 224+00 (JAMES R. RAKOW RD.)
SCALE: 1"=100'
SHEET 17 OF 36

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

PART OF THE SE 1/4 OF SEC. 9, PART OF THE SW 1/4 OF SEC. 10, PART OF THE NW 1/4 OF SEC. 15 AND PART OF THE NE 1/4 OF SEC. 16, TWP. 43 N., R. 8 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.



LEGEND

SECTION CORNER 16 SECTION CORNER 15

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 NAD 83(2007) East Zone.

○ 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 BETWEEN SECTION 10, TOWNSHIP 43N., RANGE 8E. AND SECTION 15, TOWNSHIP 43N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

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

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

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
19+30.11	57.44' Lt.	2,019,637.401	994,231.832
19+30.35	57.36' Rt.	2,019,637.648	994,346.631
20+77.65	57.61' Lt.	2,019,786.947	994,234.457
20+83.95	57.20' Rt.	2,019,789.162	994,349.422
21+23.86	50.17' Lt.	2,019,832.857	994,243.538
21+30.18	49.84' Rt.	2,019,835.623	994,343.705
21+36.95	49.84' Rt.	2,019,842.382	994,343.952
23+53.91	50.05' Rt.	2,020,059.199	994,351.867
24+39.90	49.87' Rt.	2,020,148.687	994,255.068
24+72.80	48.90' Rt.	2,020,178.056	994,354.942
222+25.19	55.67' Lt.	2,019,763.016	994,289.155
222+96.45	55.14' Rt.	2,019,653.128	994,361.840
223+03.81	62.16' Lt.	2,019,770.522	994,367.690
223+27.14	69.51' Rt.	2,019,778.173	994,390.924
223+30.56	60.53' Rt.	2,019,648.180	994,396.016
223+49.87	54.26' Lt.	2,019,763.208	994,413.845
225+29.77	52.21' Lt.	2,019,763.485	994,593.757
225+30.06	62.21' Lt.	2,019,773.485	994,593.913
225+30.20	67.21' Lt.	2,019,778.485	994,593.992
227+29.24	51.77' Lt.	2,019,763.792	994,793.790
227+29.42	61.77' Lt.	2,019,773.793	994,793.946
228+20.30	63.28' Rt.	2,019,648.933	994,885.092
228+20.31	58.28' Rt.	2,019,653.933	994,885.089

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
1H40021	Pingree & Rakow, LLC, an Illinois Limited Liability Company	6.885	0.095	N/A	6.790	N/A	N/A	19-15-101-001	
1H40022	Curran Contracting Company	1.836	0.104	N/A	1.732	N/A	N/A	19-09-352-001	
1H40023	Duffy Drive Condominium Association	1.492	0.046	N/A	1.446	N/A	N/A	19-10-354-001 through 19-10-354-008	

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1H40021	2001R0000861	January 4, 2001
1H40021	91R029170	August 2, 1991
1H40022	91R029170	August 2, 1991
1H40022	92R032784	June 15, 1992
1H40023	91R029170	August 2, 1991
1H40023	92R032784	June 15, 1992
-----	92 ED 15	*April 22, 1992
-----	91R029170	August 2, 1991
-----	92R032784	June 15, 1992
-----	92R040549	July 24, 1992

* Date Filed

Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1 T2 T3	
2	T1 T2 T3	
3	T1 T2 T3	
4	T1 T2 T3	
5	T1 T2 T3	
6	T1 T2 T3	
7	T1 T2 T3	
8	T1 T2 T3	

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
15+69.51	49.82' Lt.	2,019,276.805	994,239.455
15+69.57	50.18' Rt.	2,019,276.862	994,339.455
18+61.31	50.00' Rt.	2,019,568.601	994,339.274
18+83.90	50.01' Lt.	2,019,591.194	994,239.260
18+84.14	49.99' Rt.	2,019,591.432	994,339.260
19+23.02	82.91' Rt.	2,019,630.310	994,372.187

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

60046

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (JAMES R. RAKOW ROAD)
McHENRY COUNTY
SECTION 05-00308-00-WR
JOB NO. R-91-007-06
PROJECT
STATION 15+00 TO STATION 25+00 (PINGREE RD.)
STATION 221+00 TO STATION 229+00 (JAMES R. RAKOW RD.)
SCALE: 1"=40'
SHEET 18 OF 36

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

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
1H40024	C. B. Real Estate Holdings, L.L.C., an Illinois Limited Liability Company	3.386	0.111	N/A	3.275	N/A	N/A	19-10-352-003 19-10-352-004	
1H40025	The 117 Electrical Worker's Association, an Illinois not-for-profit corporation	6.841	0.087	N/A	6.754	N/A	N/A	19-15-101-003	

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
1H40024	91R029170	August 2, 1991
1H40024	92R032784	June 15, 1992
1H40025	2001R0000861	January 4, 2001
---	91R029170	August 2, 1991
---	92R032784	June 15, 1992
---	2001R0000861	January 4, 2001
---	2002R0122337	December 23, 2002

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
231+55.38	68.46' Rt.	2,019,644.448	995,220.182
231+81.95	79.96' Rt.	2,019,633.002	995,246.771
231+82.33	58.47' Lt.	2,019,654.489	995,247.109
231+84.84	81.01' Lt.	2,019,793.976	995,249.326
231+84.85	82.03' Lt.	2,019,794.997	995,249.342
232+42.34	58.50' Rt.	2,019,654.582	995,307.118
232+45.22	102.01' Lt.	2,019,815.103	995,309.665
232+75.20	71.48' Lt.	2,019,784.632	995,339.707

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 NAD 83(2007) East Zone.

○ IRON PIPE OR ROD FOUND
+ CUT CROSS FOUND OR SET
● T1
● T2
● T3
● BT1
● BT2
● BT3
■ STAKING OF PROPOSED RIGHT OF WAY.
■ M
● PERMANENT SURVEY MARKER, I.D.O.T. STD 2135 (TO BE SET BY OTHERS)
□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

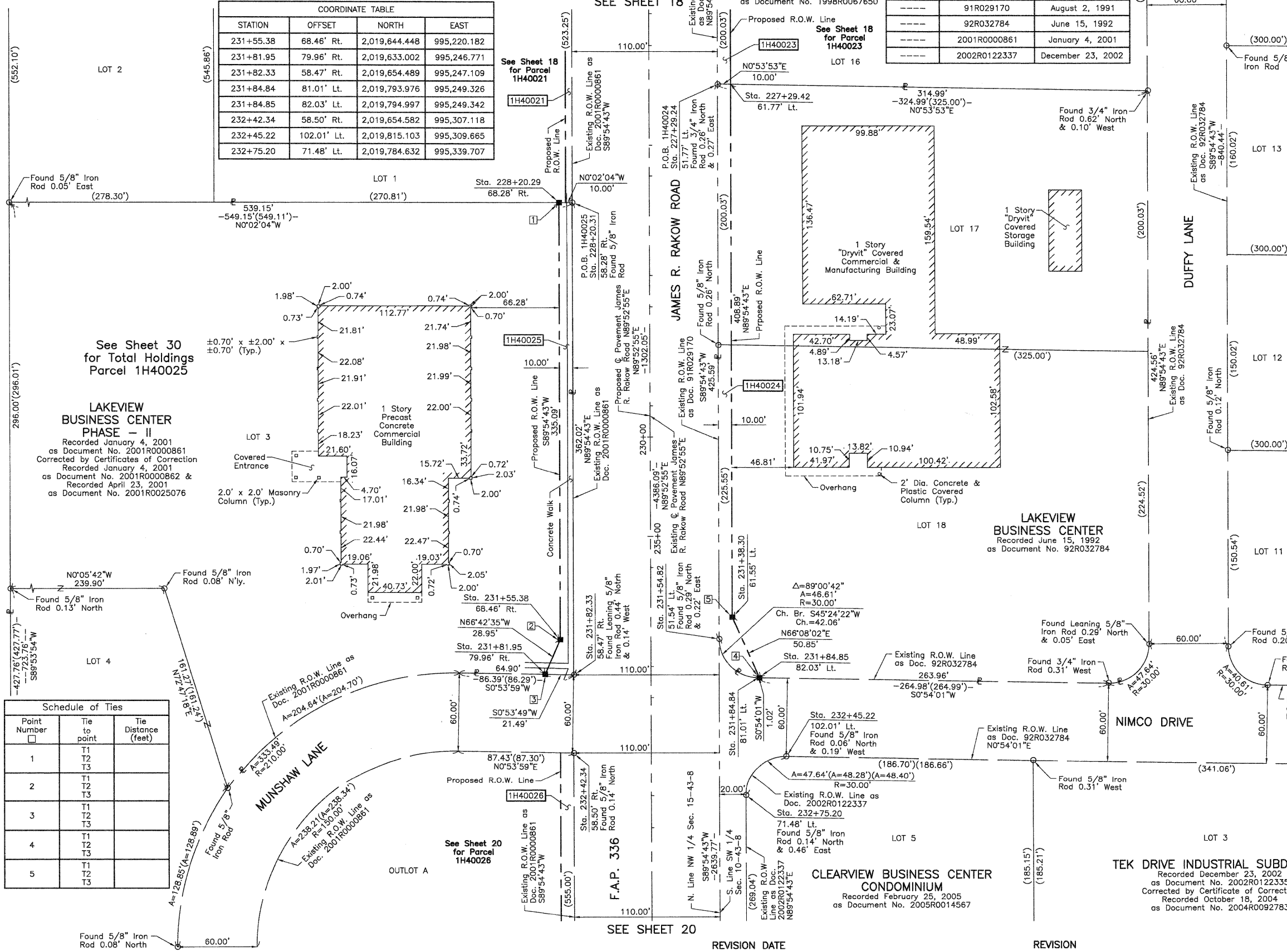
STATE OF ILLINOIS }
COUNTY OF LAKE }
SS

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 10, TOWNSHIP 43N., RANGE 8E. AND SECTION 15, TOWNSHIP 43N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

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

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.



Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1 T2 T3	
2	T1 T2 T3	
3	T1 T2 T3	
4	T1 T2 T3	
5	T1 T2 T3	

COORDINATE TABLE

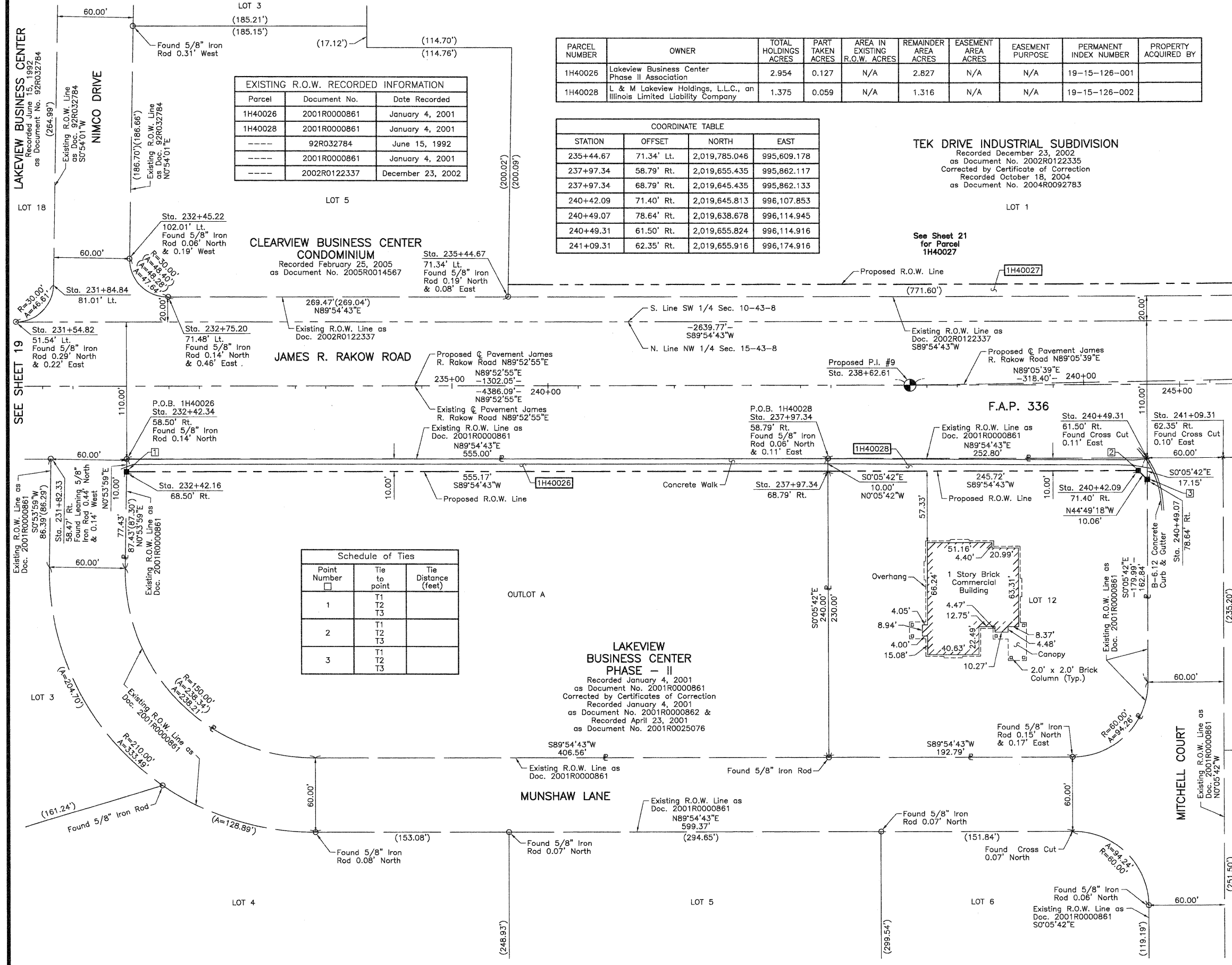
STATION	OFFSET	NORTH	EAST
227+29.24	51.77' Lt.	2,019,763.792	994,793.790
227+29.42	61.77' Lt.	2,019,773.793	994,793.946
228+20.29	68.28' Rt.	2,019,643.933	994,885.095
228+20.31	58.28' Rt.	2,019,653.933	994,885.089
231+38.30	61.55' Lt.	2,019,774.422	995,202.835
231+54.82	51.54' Lt.	2,019,764.447	995,219.375

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

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (JAMES R. RAKOW ROAD)
SECTION 05-00308-00-WR McHENRY COUNTY
PROJECT JOB NO. R-91-007-06
STATION 227+00 TO STATION 233+00
SCALE: 1"=40' SHEET 19 OF 36

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



Parcel	Document No.	Date Recorded
1H40026	2001R0000861	January 4, 2001
1H40028	2001R0000861	January 4, 2001
---	92R032784	June 15, 1992
---	2001R0000861	January 4, 2001
---	2002R0122337	December 23, 2002

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
1H40026	Lakeview Business Center Phase II Association	2.954	0.127	N/A	2.827	N/A	N/A	19-15-126-001	
1H40028	L & M Lakeview Holdings, L.L.C., an Illinois Limited Liability Company	1.375	0.059	N/A	1.316	N/A	N/A	19-15-126-002	

STATION	OFFSET	NORTH	EAST
235+44.67	71.34' Lt.	2,019,785.046	995,609.178
237+97.34	58.79' Rt.	2,019,655.435	995,862.117
237+97.34	68.79' Rt.	2,019,645.435	995,862.133
240+42.09	71.40' Rt.	2,019,645.813	996,107.853
240+49.07	78.64' Rt.	2,019,638.678	996,114.945
240+49.31	61.50' Rt.	2,019,655.824	996,114.916
241+09.31	62.35' Rt.	2,019,655.916	996,174.916

TEK DRIVE INDUSTRIAL SUBDIVISION
 Recorded December 23, 2002
 as Document No. 2002R0122335
 Corrected by Certificate of Correction
 Recorded October 18, 2004
 as Document No. 2004R0092783

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 NAD 83(2007) East Zone.

0 40' 80'
 SCALE: 1"=40'

- 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.

Point Number	Tie to point	Tie Distance (feet)
1	T1 T2 T3	
2	T1 T2 T3	
3	T1 T2 T3	

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
231+54.82	51.54' Lt.	2,019,764.447	995,219.375
231+82.33	58.47' Rt.	2,019,654.489	995,247.109
231+84.84	81.01' Lt.	2,019,793.976	995,249.326
232+42.16	68.50' Rt.	2,019,644.582	995,306.960
232+42.34	58.50' Rt.	2,019,654.582	995,307.118
232+45.22	102.01' Lt.	2,019,815.103	995,309.665

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

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 F.A.P. 336 (JAMES R. RAKOW ROAD)
 SECTION 05-00308-00-WR McHENRY COUNTY
 PROJECT JOB NO. R-91-007-06
 STATION 231+00 TO STATION 241+00
 SCALE: 1"=40' SHEET 20 OF 36

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

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
1H40027	Tyco Healthcare Group, LP	25.803	0.177	N/A	25.626	N/A	N/A	19-10-376-010	
1H40029	Stick Development, LLC	1.299	0.058	N/A	1.241	N/A	N/A	19-15-127-007	

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
1H40027	2002R0122337	December 23, 2002
1H40029	2001R0000861	January 4, 2001
----	91R029170	August 2, 1991
----	2001R0000861	January 4, 2001
----	2002R0122337	December 23, 2002

See Sheet 31 for Total Holdings Parcel 1H40027

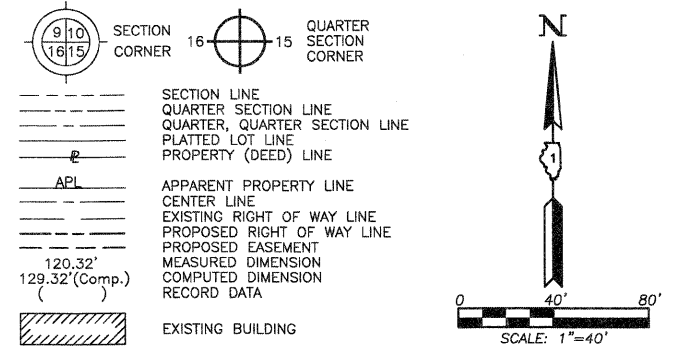
COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
243+16.06	77.06' Lt.	2,019,796.233	996,380.799
243+16.10	67.06' Lt.	2,019,786.233	996,380.822
243+16.18	47.06' Lt.	2,019,766.233	996,380.868
243+50.18	62.83' Rt.	2,019,656.285	996,414.696
243+50.28	72.83' Rt.	2,019,646.285	996,414.773
244+50.18	62.51' Rt.	2,019,656.439	996,514.696

TEK DRIVE INDUSTRIAL SUBDIVISION

Recorded December 23, 2002 as Document No. 2002R0122335 Corrected by Certificate of Correction Recorded October 18, 2004 as Document No. 2004R0092783

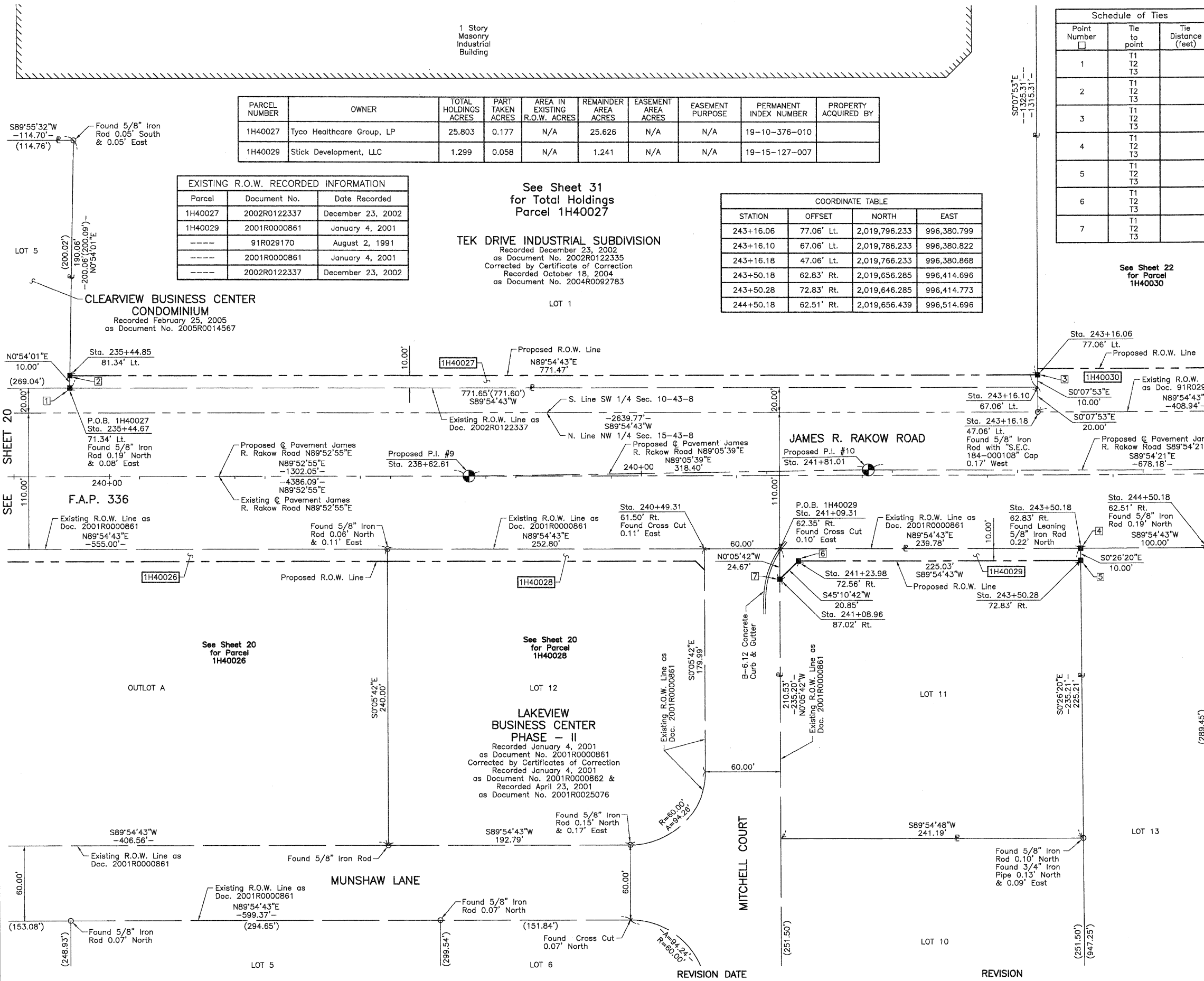
Schedule of Ties		
Point Number	Tie to point	Tie Distance (feet)
1	T1 T2 T3	
2	T1 T2 T3	
3	T1 T2 T3	
4	T1 T2 T3	
5	T1 T2 T3	
6	T1 T2 T3	
7	T1 T2 T3	

LEGEND



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

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1, T2, T3 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8" INCH IRON ROD FLUSH WITH GROUND TO 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.



SEE SHEET 22
SEE SHEET 23

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 10, TOWNSHIP 43N., RANGE 8E. AND SECTION 15, TOWNSHIP 43N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.
DATED AT LAKE VILLA, ILLINOIS THIS ____ DAY OF ____ 20__ A.D.

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

Note: Surface Coordinates are Shown.

STATION	OFFSET	NORTH	EAST
235+44.67	71.34' Lt.	2,019,785.046	995,609.178
235+44.85	81.34' Lt.	2,019,795.047	995,609.335
240+49.31	61.50' Rt.	2,019,655.824	996,114.916
241+08.96	87.02' Rt.	2,019,631.242	996,174.957
241+09.31	62.35' Rt.	2,019,655.916	996,174.916
241+23.98	72.56' Rt.	2,019,645.939	996,189.746

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

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (JAMES R. RAKOW ROAD)
SECTION 05-00308-00-WR McHENRY COUNTY
PROJECT JOB NO. R-91-007-06
STATION 235+00 TO STATION 245+00
SCALE: 1"=40' SHEET 21 OF 36

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

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
1H40030	487130	March 27, 1968
1H40030	90R016370	May 8, 1990
1H40030	91R029170	August 2, 1991
----	90 ED 8	*January 3, 1994
----	97 ED 9	*January 12, 1998
----	2001R000861	January 4, 2001
----	97 ED 5	*November 6, 2002
----	2002R0122337	December 23, 2002
----	2007R0007706	February 1, 2007
----	2007R0008220	February 2, 2007

Schedule of Ties		
Point Number	Tie to point	Tie Distance (feet)
1	T1 T2 T3	
2	T1 T2 T3	
3	T1 T2 T3	
4	T1 T2 T3	
5	T1 T2 T3	

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
51+25.91	58.76' Lt.	2,019,842.034	996,864.696
51+64.66	70.00' Lt.	2,019,880.753	996,853.346
52+61.14	58.69' Lt.	2,019,977.268	996,864.385
52+61.14	70.00' Lt.	2,019,977.237	996,853.076
243+16.04	82.06' Lt.	2,019,801.233	996,380.788
243+16.10	67.06' Lt.	2,019,786.233	996,380.822
243+16.18	47.06' Lt.	2,019,766.233	996,380.868
244+50.09	52.51' Rt.	2,019,666.439	996,514.620
244+50.18	62.51' Rt.	2,019,656.439	996,514.696
246+63.39	83.16' Lt.	2,019,801.768	996,728.139
247+25.12	48.36' Lt.	2,019,766.862	996,789.811
247+25.62	51.64' Rt.	2,019,666.863	996,790.154

LEGEND

SECTION CORNER 16 QUARTER SECTION CORNER 15

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 NAD 83(2007) East Zone.

○ 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

SCALE: 1"=30'

LUTTER CENTER SUBDIVISION - UNIT 1
Recorded February 2, 2007
as Document No. 2007R0008220

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 10, TOWNSHIP 43N., RANGE 8E. AND SECTION 15, TOWNSHIP 43N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

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

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
48+84.59	81.11' Rt.	2,019,601.112	997,005.249
49+13.33	68.87' Lt.	2,019,629.428	996,855.183
49+34.75	131.32' Rt.	2,019,651.410	997,055.314
50+44.75	131.37' Rt.	2,019,761.410	997,055.058
50+50.77	5.25' Rt.	2,019,767.076	996,928.918
50+94.95	81.22' Rt.	2,019,811.470	997,004.766

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

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (JAMES R. RAKOW ROAD)
SECTION 05-00308-00-WR McHENRY COUNTY PROJECT
JOB NO. R-91-007-06
STATION 48+00 TO STATION 54+00 (ILLINOIS ROUTE 31)
STATION 243+00 TO STATION 248+59.19 (JAMES R. RAKOW RD.)
SCALE: 1"=30'
SHEET 22 OF 36

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

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
1H40030	Althoff Industries, Inc.	9.972	0.520	N/A	9.452	N/A	N/A	19-10-376-002 19-10-376-007	

See Sheet 21 for Parcel 1H40027

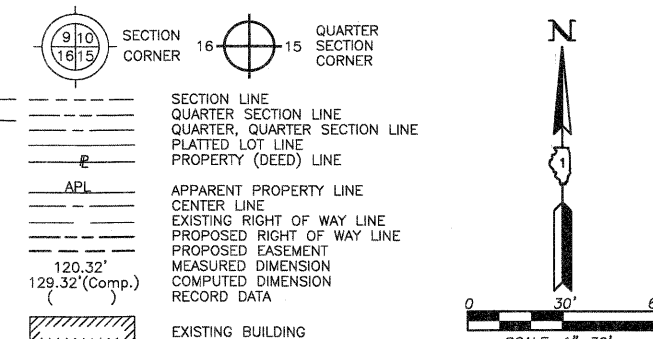
See Sheet 31 for Total Holdings Parcel 1H40030

See Sheet 21 for Parcel 1H40029

See Sheet 23 for Parcel 1H40032 & 1H40032T.E.

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
1H40032 1H40032T.E.	Eugene M. Straus, as to an undivided 1/2 interest and Thomas L. Kusmerz and Len Kusmerz in Joint Tenancy as to an undivided 1/2 interest	2.321	0.101	N/A	2.220	0.156	Building Demolition	19-15-100-036	

LEGEND



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

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1, T2, T3 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO 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.
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- 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 10, TOWNSHIP 43N., RANGE 8E. AND SECTION 15, TOWNSHIP 43N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

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

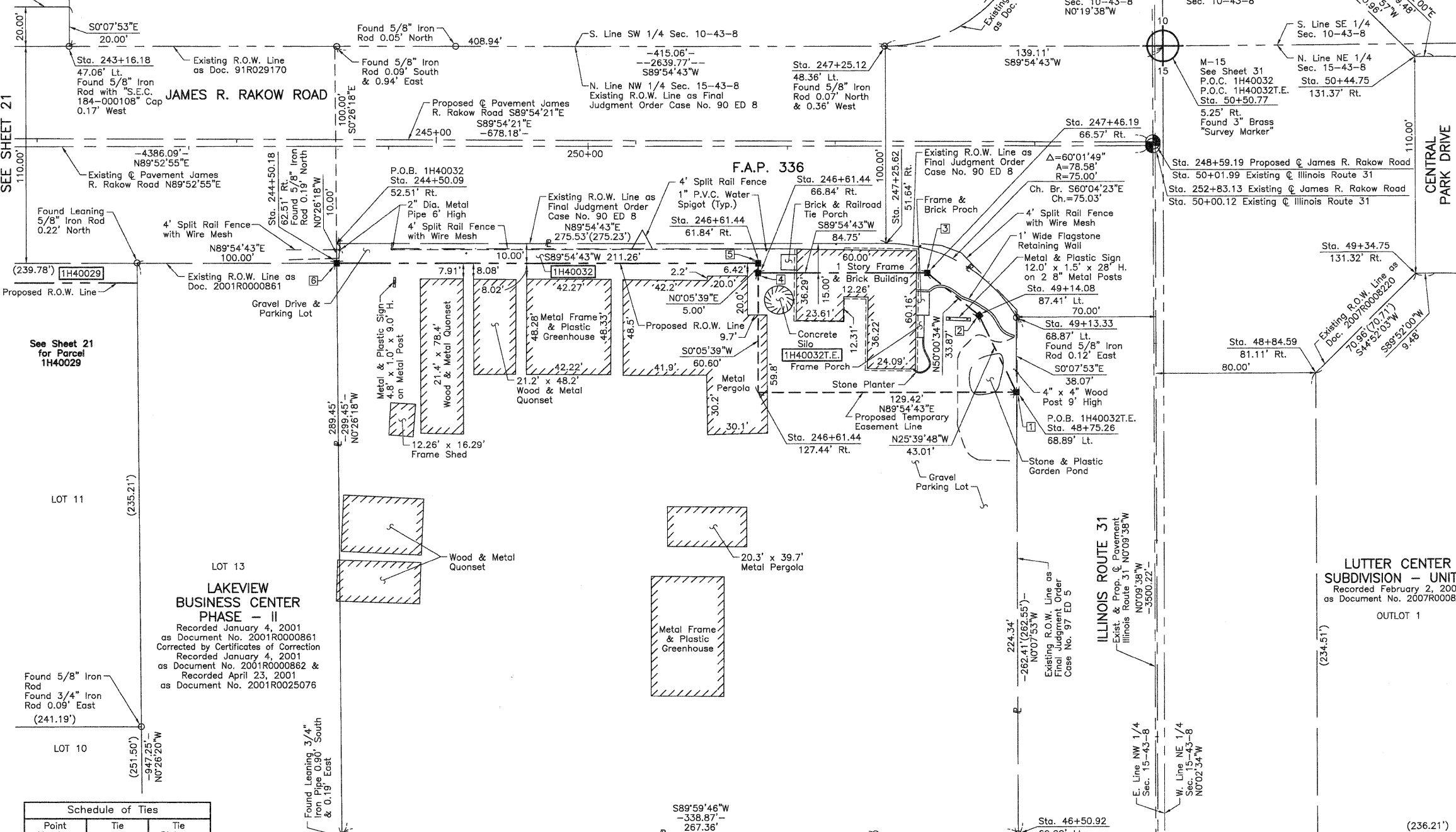
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2010
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
Note: Surface Coordinates are Shown.

STATION	OFFSET	NORTH	EAST
46+50.92	69.00' Lt.	2,019,367.021	996,855.785
48+75.26	68.89' Lt.	2,019,591.363	996,855.271
48+84.59	81.11' Rt.	2,019,601.112	997,005.249
49+13.33	68.87' Lt.	2,019,629.428	996,855.183
49+14.08	87.14' Lt.	2,019,630.130	996,836.644
49+34.75	131.32' Rt.	2,019,651.410	997,055.314

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

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (JAMES R. RAKOW ROAD)
SECTION 05-00308-00-WR McHENRY COUNTY
PROJECT JOB NO. R-91-007-06
STATION 46+00 TO STATION 51+00 (ILLINOIS ROUTE 31)
STATION 243+00 TO STATION 248+59.19 (JAMES R. RAKOW RD.)
SCALE: 1"=30'
SHEET 23 OF 36

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



Point Number	Tie to point	Tie Distance (feet)
1	T1 T2 T3	
2	T1 T2 T3	
3	T1 T2 T3	
4	T1 T2 T3	
5	T1 T2 T3	
6	T1 T2 T3	

Parcel	Document No.	Date Recorded
1H40032	90 ED 8	*January 3, 1994
1H40032	97 ED 5	*November 6, 2002
-----	90R016370	May 8, 1990
-----	91R029170	August 2, 1991
-----	97 ED 9	*January 12, 1998
-----	2001R0000861	January 4, 2001
-----	97 ED 4	*June 12, 2001
-----	2002R0122337	December 23, 2002
-----	2007R0007706	February 1, 2007
-----	2007R0008220	February 2, 2007

STATION	OFFSET	NORTH	EAST
50+44.75	131.37' Rt.	2,019,761.410	997,055.058
50+50.77	5.25' Rt.	2,019,767.076	996,928.918
50+94.95	81.22' Rt.	2,019,811.470	997,004.766
243+16.18	47.06' Lt.	2,019,766.233	996,380.868
244+50.09	52.51' Rt.	2,019,666.439	996,514.620
244+50.18	62.51' Rt.	2,019,656.439	996,514.696
246+61.44	61.84' Rt.	2,019,656.764	996,725.954
246+61.44	66.84' Rt.	2,019,651.764	996,725.945
246+61.44	127.44' Rt.	2,019,591.164	996,725.846
247+25.12	48.36' Lt.	2,019,766.862	996,789.811
247+25.62	51.64' Rt.	2,019,666.863	996,790.154
247+46.19	66.57' Rt.	2,019,651.894	996,810.697

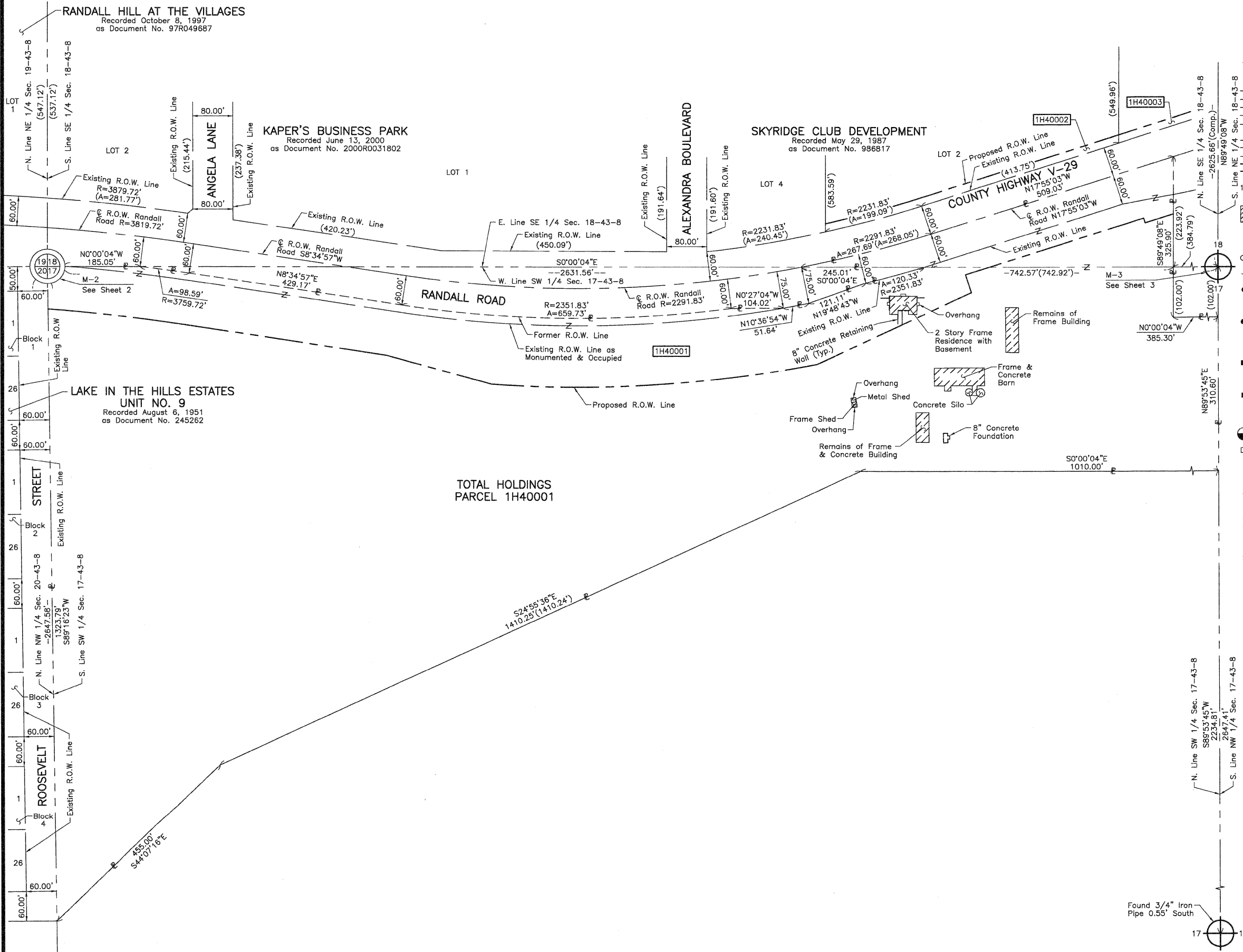
April 6, 2010
October 3, 2009

REVISION DATE

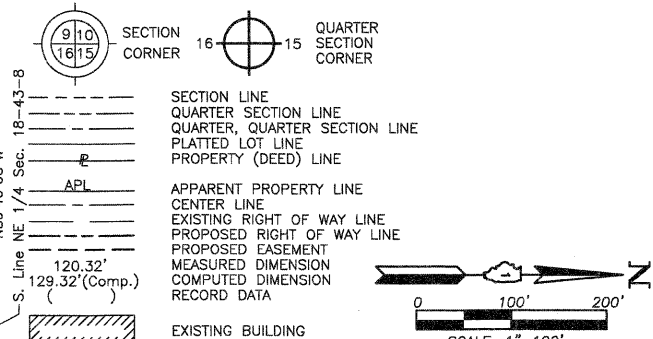
REVISION

Configuration Parcel 1H40032 & 1H40032T.E.
Eliminated Parcel 1H40031
Configuration Parcel 1H40032 & 1H40032T.E.

MADE BY



LEGEND



- Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2007) East Zone.
- IRON PIPE OR ROD FOUND
 - ⊕ "MAG" NAIL SET
 - + CUT CROSS FOUND OR SET
 - 5/8" REBAR SET
 - T1, T2, T3 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
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 - 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 17, TOWNSHIP 43N., RANGE 8E. AND SECTION 18, TOWNSHIP 43N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

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

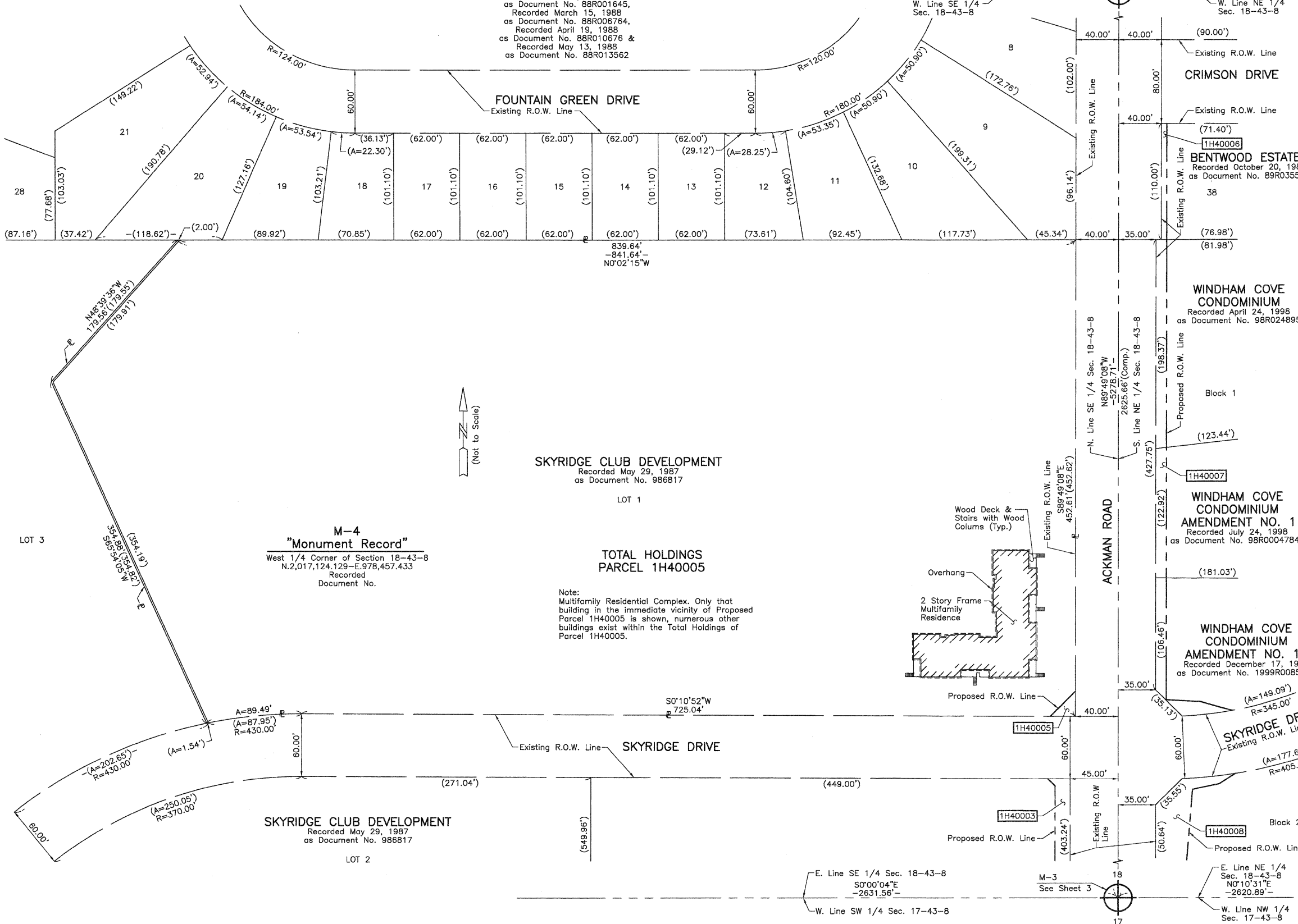
PRESIDENT
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2010
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

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

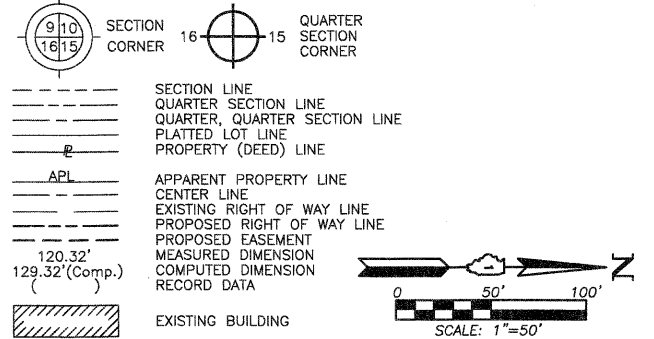
PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 F.A.P. 336 (JAMES R. RAKOW ROAD)
 SECTION 05-00308-00-WR McHENRY COUNTY
 PROJECT JOB NO. R-91-007-06
 STATION NONE TO STATION
 SCALE: 1"=100' SHEET 24 OF 36

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

CRYSTAL IN THE PARK SUBDIVISION UNIT ONE
Recorded September 2, 1987 as Document No. 87R000690
Corrected by Certificates of Correction
Recorded December 30, 1987 as Document Nos. 87R014794 & 87R014795,
Recorded January 20, 1988 as Document No. 88R001645,
Recorded March 15, 1988 as Document No. 88R006764,
Recorded April 19, 1988 as Document No. 88R010676 &
Recorded May 13, 1988 as Document No. 88R013562



LEGEND



- Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2007) East Zone.
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
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STATE OF ILLINOIS }
COUNTY OF LAKE }
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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.

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

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (JAMES R. RAKOW ROAD)
SECTION 05-00308-00-WR McHENRY COUNTY
PROJECT JOB NO. R-91-007-06
STATION NONE TO STATION
SCALE: 1"=50' SHEET 25 OF 36

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

LOT 3
M-4
"Monument Record"
West 1/4 Corner of Section 18-43-8
N.2,017,124.129-E.978,457.433
Recorded Document No.

SKYRIDGE CLUB DEVELOPMENT
Recorded May 29, 1987
as Document No. 986817

TOTAL HOLDINGS
PARCEL 1H40005

Note:
Multifamily Residential Complex. Only that building in the immediate vicinity of Proposed Parcel 1H40005 is shown, numerous other buildings exist within the Total Holdings of Parcel 1H40005.

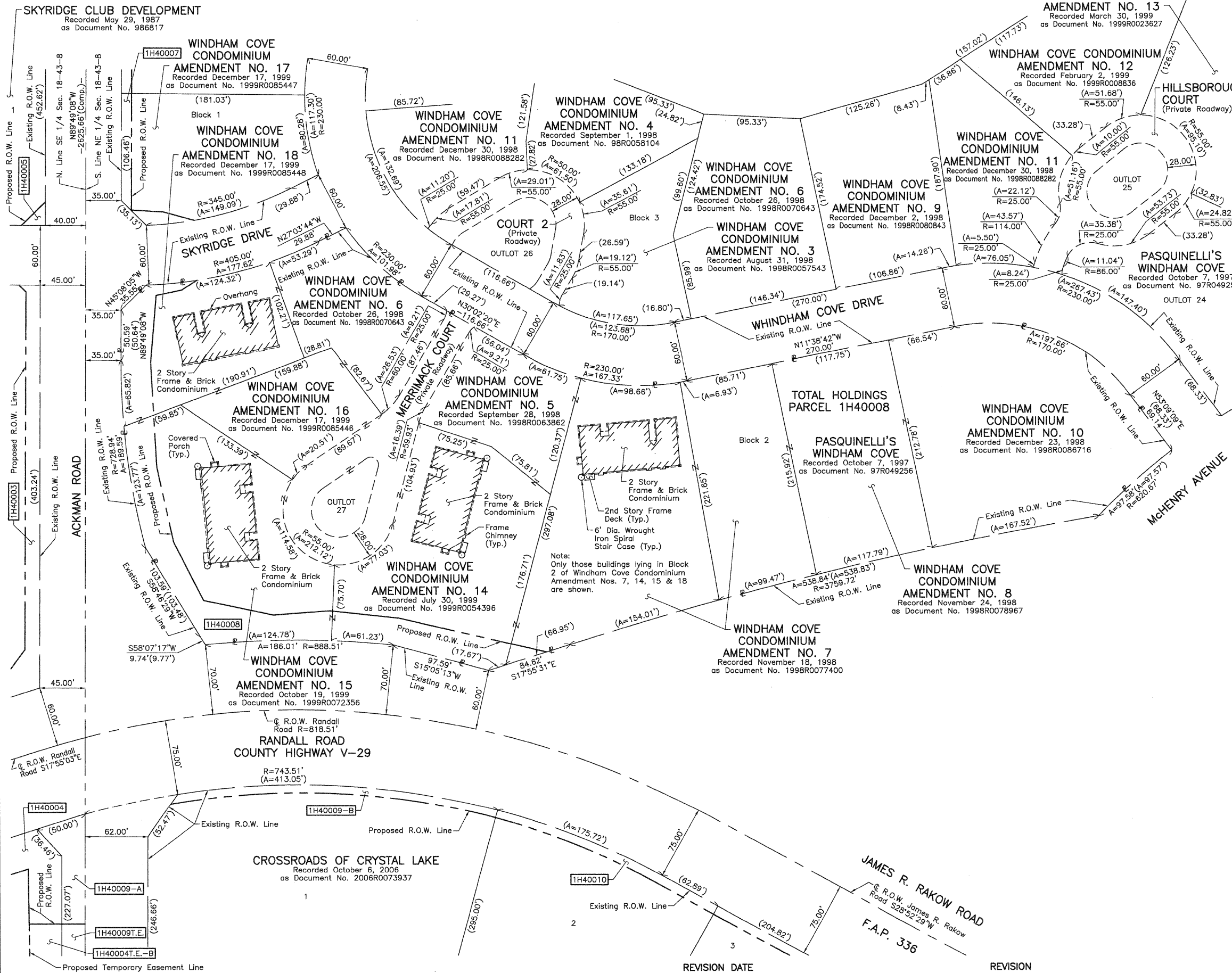
SKYRIDGE CLUB DEVELOPMENT
Recorded May 29, 1987
as Document No. 986817

WINDHAM COVE CONDOMINIUM AMENDMENT NO. 17
Recorded December 17, 1999
as Document No. 1999R0085447

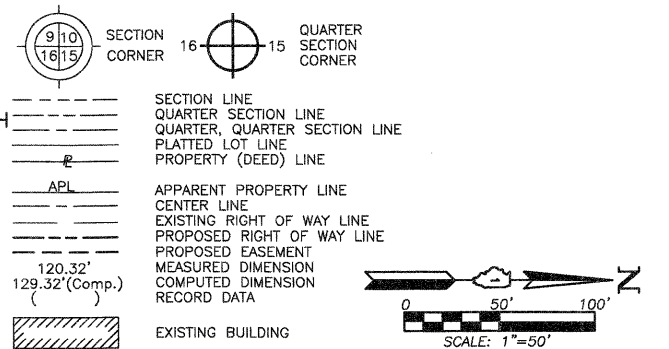
WINDHAM COVE CONDOMINIUM AMENDMENT NO. 1
Recorded July 24, 1998
as Document No. 98R00047847

WINDHAM COVE CONDOMINIUM
Recorded April 24, 1998
as Document No. 98R024895

BENTWOOD ESTATES
Recorded October 20, 1989
as Document No. 89R035570



LEGEND



- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
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STATE OF ILLINOIS }
 COUNTY OF LAKE } SS

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

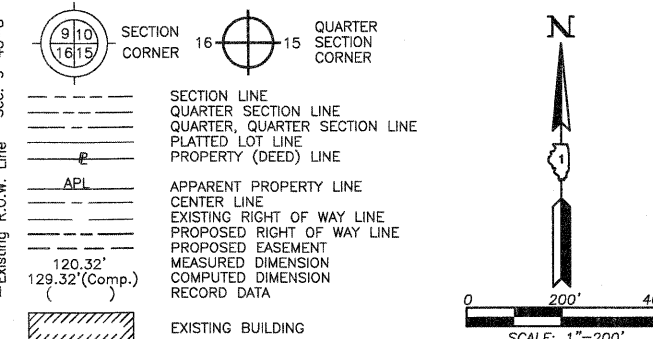
 PRESIDENT
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2010
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60048 SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.
 (847) 356-3371

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 F.A.P. 336 (JAMES R. RAKOW ROAD)
 SECTION 05-00308-00-WR McHENRY COUNTY
 PROJECT JOB NO. R-91-007-06
 STATION NONE TO STATION
 SCALE: 1"=50' SHEET 26 OF 36

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

LEGEND



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- IRON PIPE OR ROD FOUND
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- 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.
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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.
- 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.

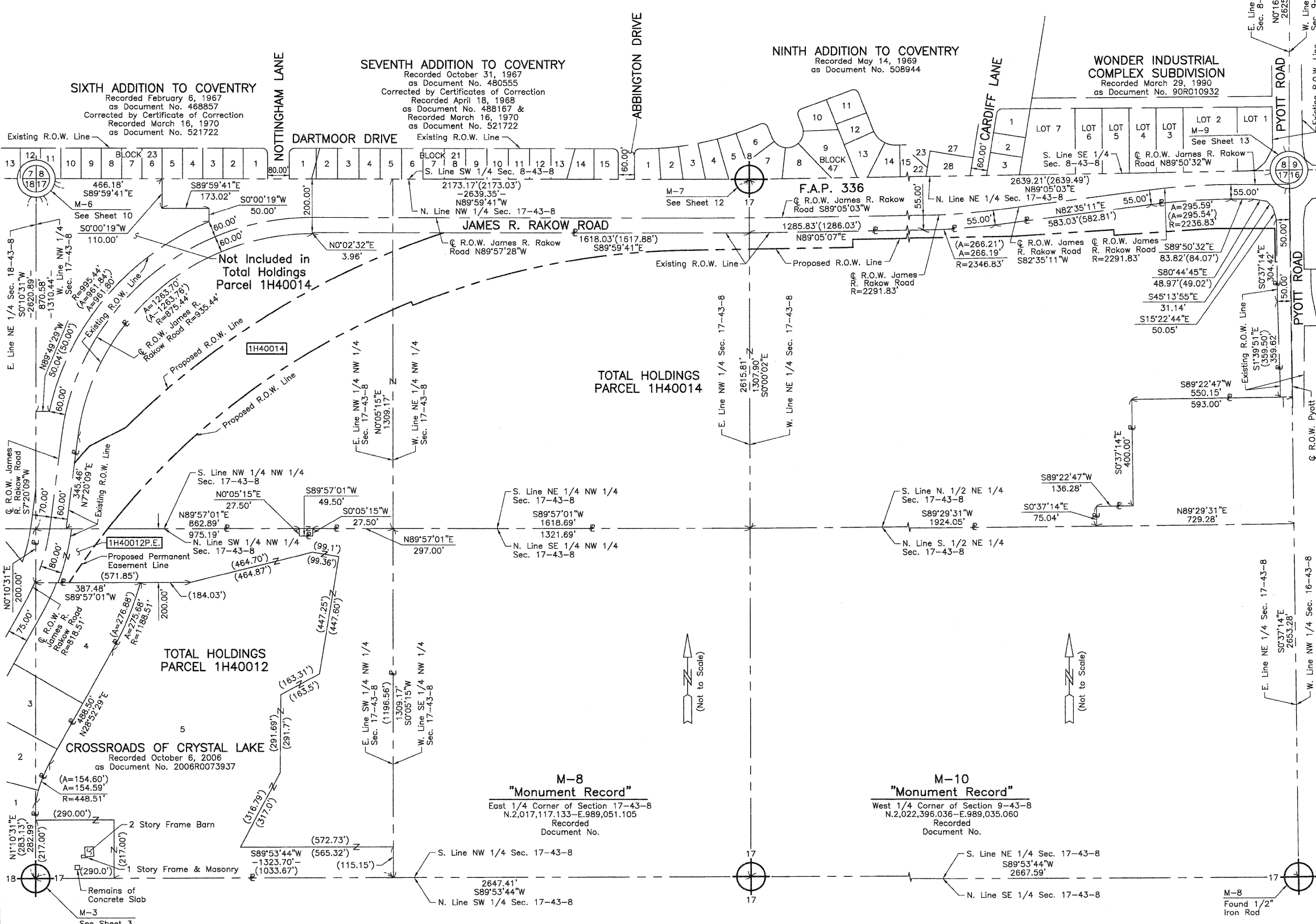
STATE OF ILLINOIS }
 COUNTY OF LAKE }
 THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM AND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 8, TOWNSHIP 43N., RANGE 8E. AND SECTION 17, TOWNSHIP 43N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.
 DATED AT LAKE VILLA, ILLINOIS THIS ____ DAY OF _____ 20__ A.D.

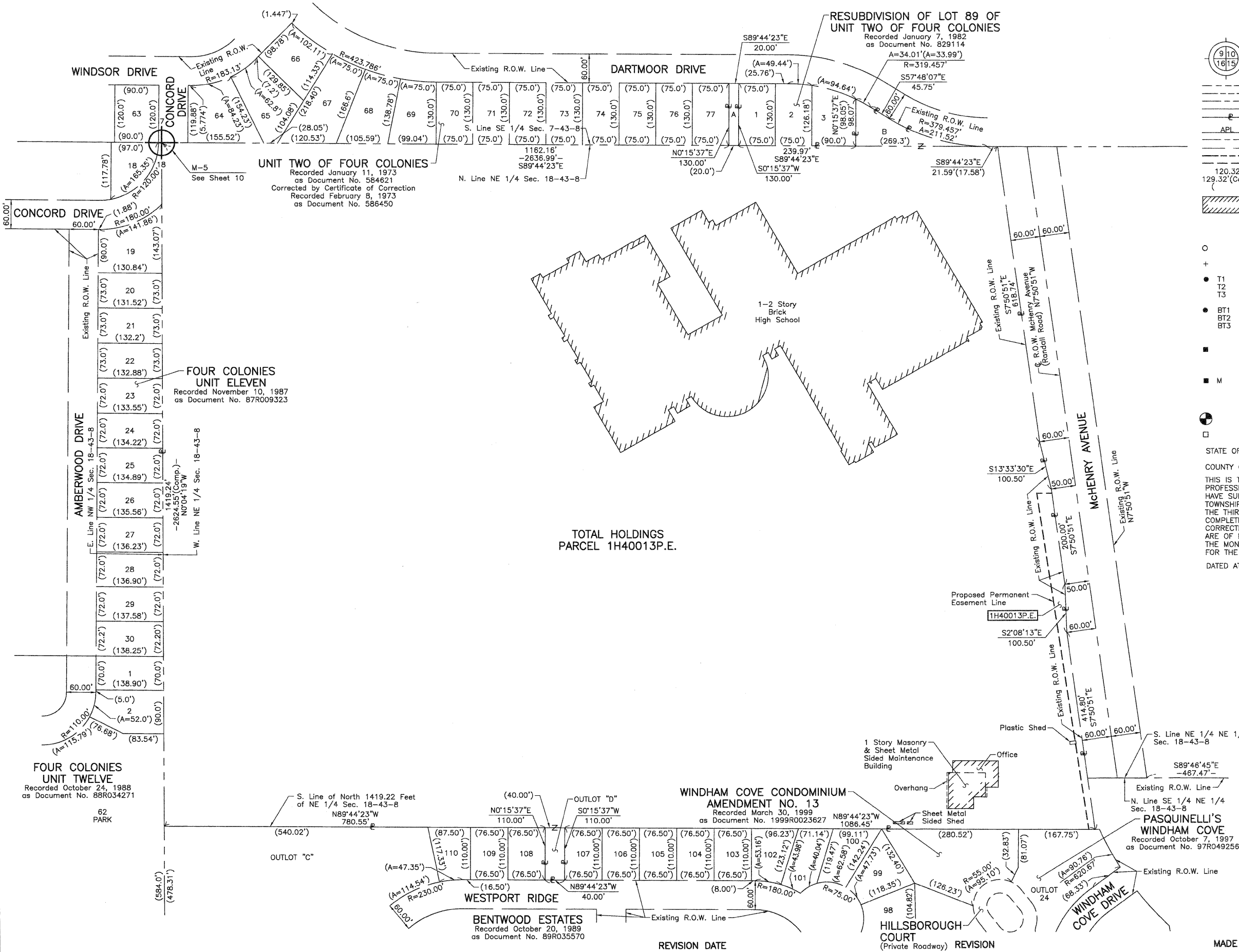
PRESIDENT
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2010
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
 Note: Surface Coordinates are Shown.

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

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.P. 336 (JAMES R. RAKOW ROAD)
 SECTION 05-00308-00-WR McHENRY COUNTY
 PROJECT JOB NO. R-91-007-06
 STATION NONE TO STATION
 SCALE: 1"=200' SHEET 27 OF 36

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





LEGEND

- SECTION CORNER
 - QUARTER SECTION CORNER
 - SECTION LINE
 - QUARTER SECTION LINE
 - QUARTER, QUARTER SECTION LINE
 - PLATTED LOT LINE
 - PROPERTY (DEED) LINE
 - APPARENT PROPERTY LINE
 - CENTER LINE
 - EXISTING RIGHT OF WAY LINE
 - PROPOSED RIGHT OF WAY LINE
 - PROPOSED EASEMENT
 - MEASURED DIMENSION
 - COMPUTED DIMENSION
 - RECORD DATA
 - EXISTING BUILDING
- Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2007) East Zone.
- IRON PIPE OR ROD FOUND
 - "MAG" NAIL SET
 - CUT CROSS FOUND OR SET
 -
- 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.
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 - 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 7, TOWNSHIP 43N., RANGE 8E. AND SECTION 18, TOWNSHIP 43N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.
 DATED AT LAKE VILLA, ILLINOIS THIS _____ DAY OF _____ 20__ A.D.

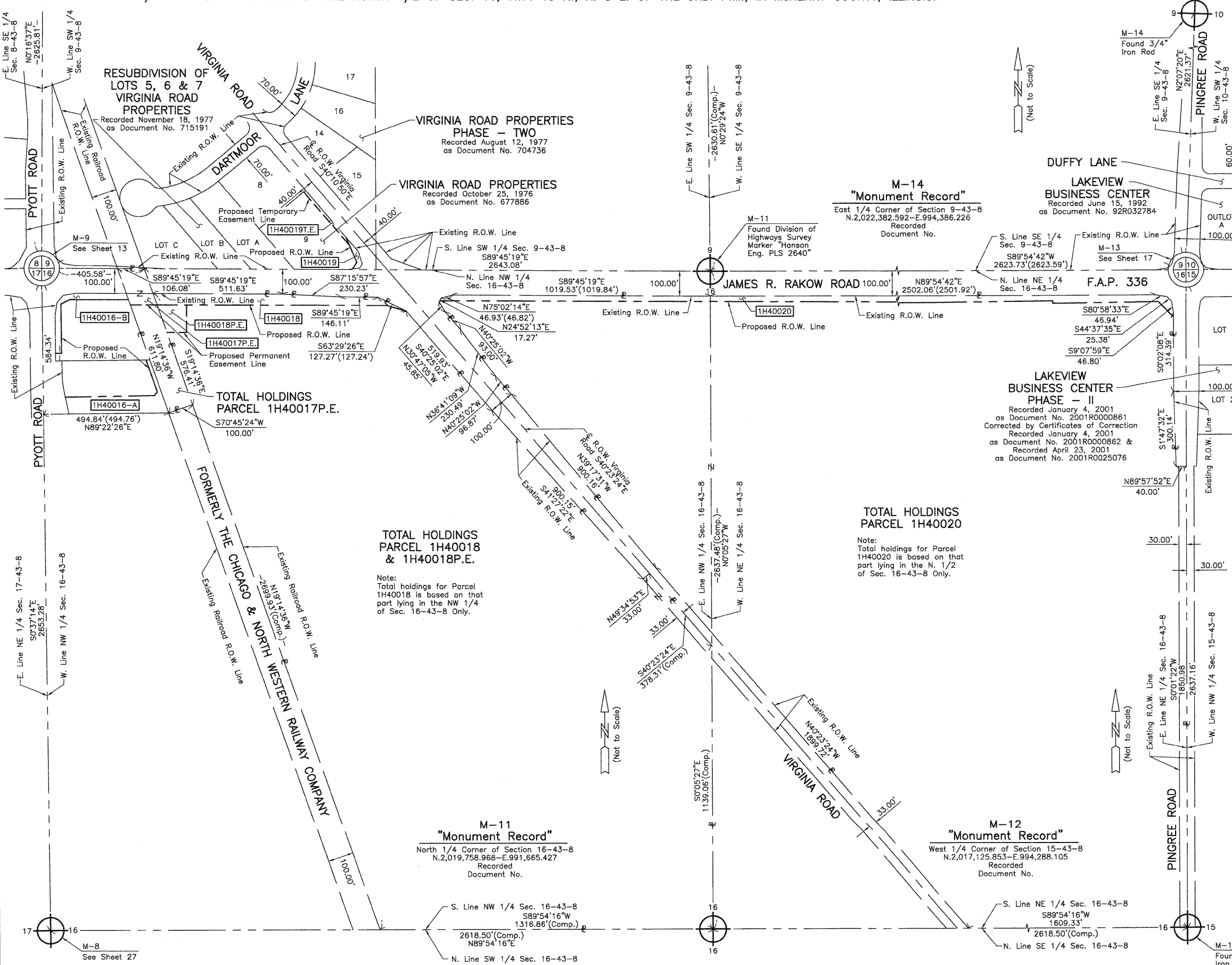
PRESIDENT
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
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JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.P. 336 (JAMES R. RAKOW ROAD)
 SECTION 05-00308-00-WR McHENRY COUNTY
 PROJECT JOB NO. R-91-007-06
 STATION NONE TO STATION
 SCALE: 1"=100' SHEET 28 OF 36

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



LEGEND

- SECTION CORNER
- 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 NAD 83(2007) East Zone.
- IRON PIPE OR ROD FOUND
 - CUT CROSS FOUND OR SET
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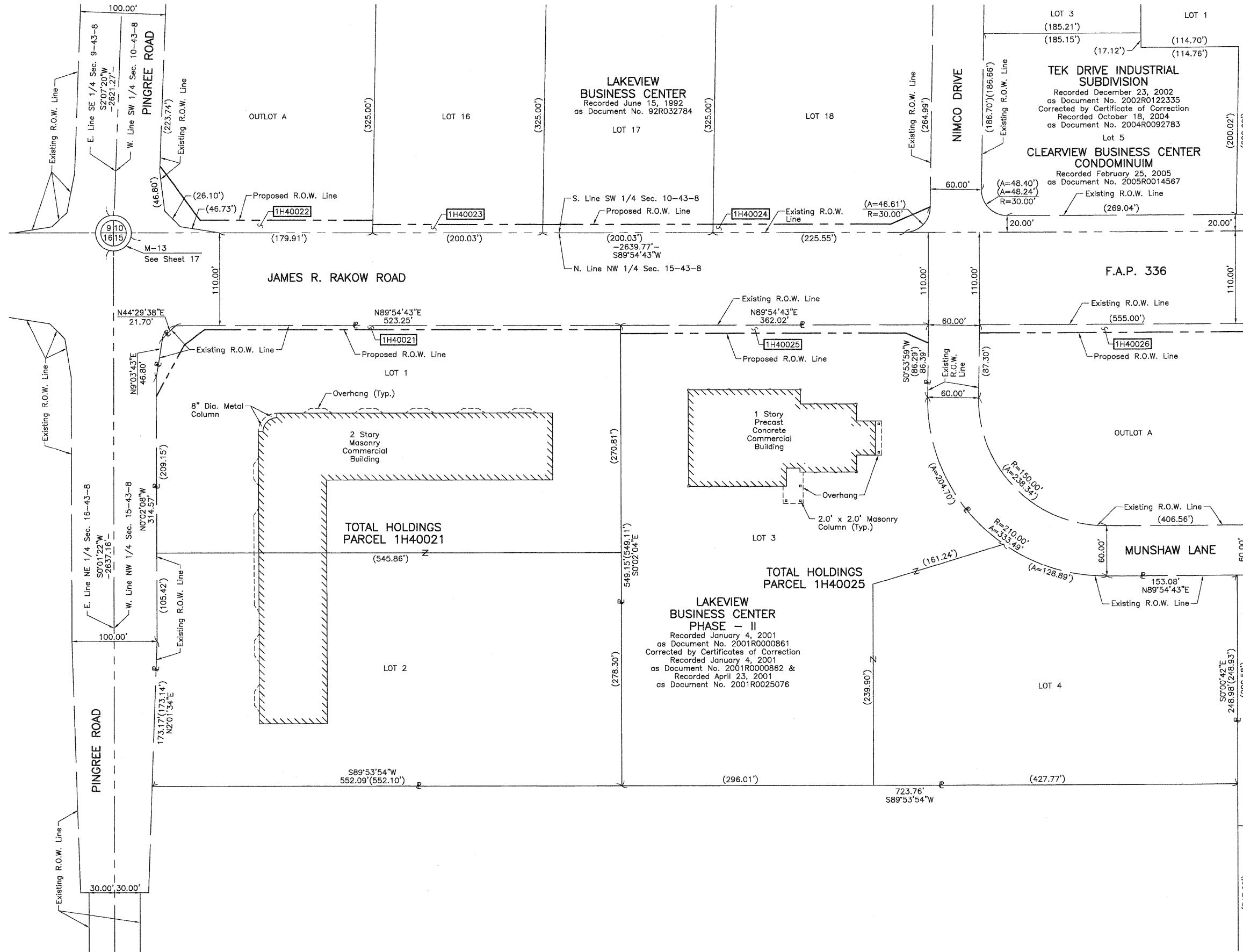
STATE OF ILLINOIS }
 COUNTY OF LAKE }
 THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM, LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 9, TOWNSHIP 43N., RANGE 8E. AND SECTION 16, TOWNSHIP 43N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.
 DATED AT LAKE VILLA, ILLINOIS THIS ____ DAY OF _____ 20__ A.D.

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

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

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 F.A.P. 336 (JAMES R. RAKOW ROAD)
 SECTION 05-00308-00-WR McHENRY COUNTY
 PROJECT JOB NO. R-91-007-06
 STATION NONE TO STATION
 SCALE: 1"=200' SHEET 29 OF 36

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



LEGEND

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

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

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 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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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 10, TOWNSHIP 43N., RANGE 8E AND SECTION 15, TOWNSHIP 43N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

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

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.

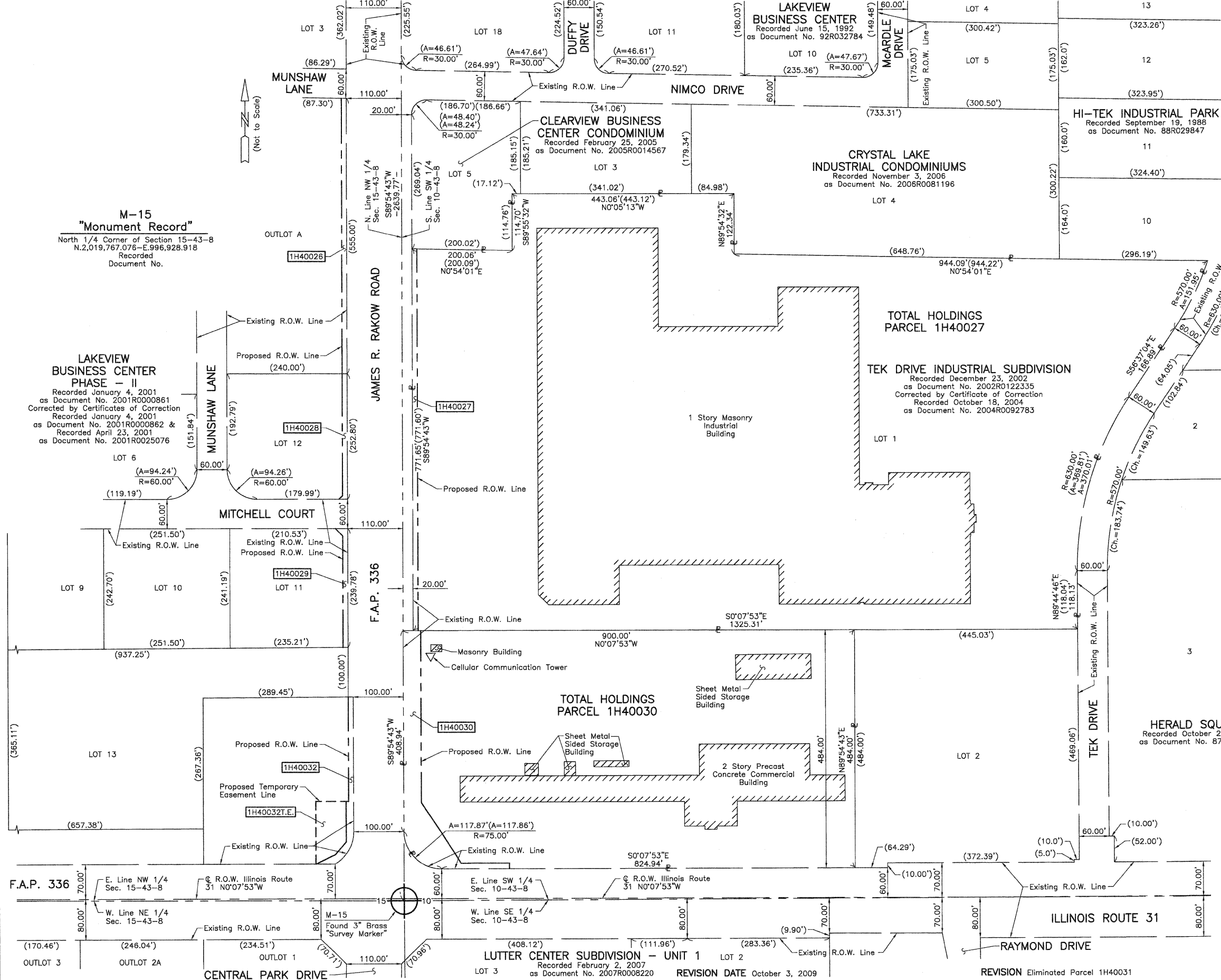
PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (JAMES R. RAKOW ROAD)
SECTION 05-00308-00-WR McHENRY COUNTY
PROJECT JOB NO. R-91-007-06
STATION NONE TO STATION
SCALE: 1"=60' SHEET 30 OF 36

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

REVISION DATE April 6, 2010

REVISION Configuration Parcel 1H40021

MADE BY



LEGEND

- SECTION CORNER
- 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 NAD 83(2007) East Zone.

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.
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- 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.
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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 10, TOWNSHIP 43N., RANGE 8E. AND SECTION 15, TOWNSHIP 43N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

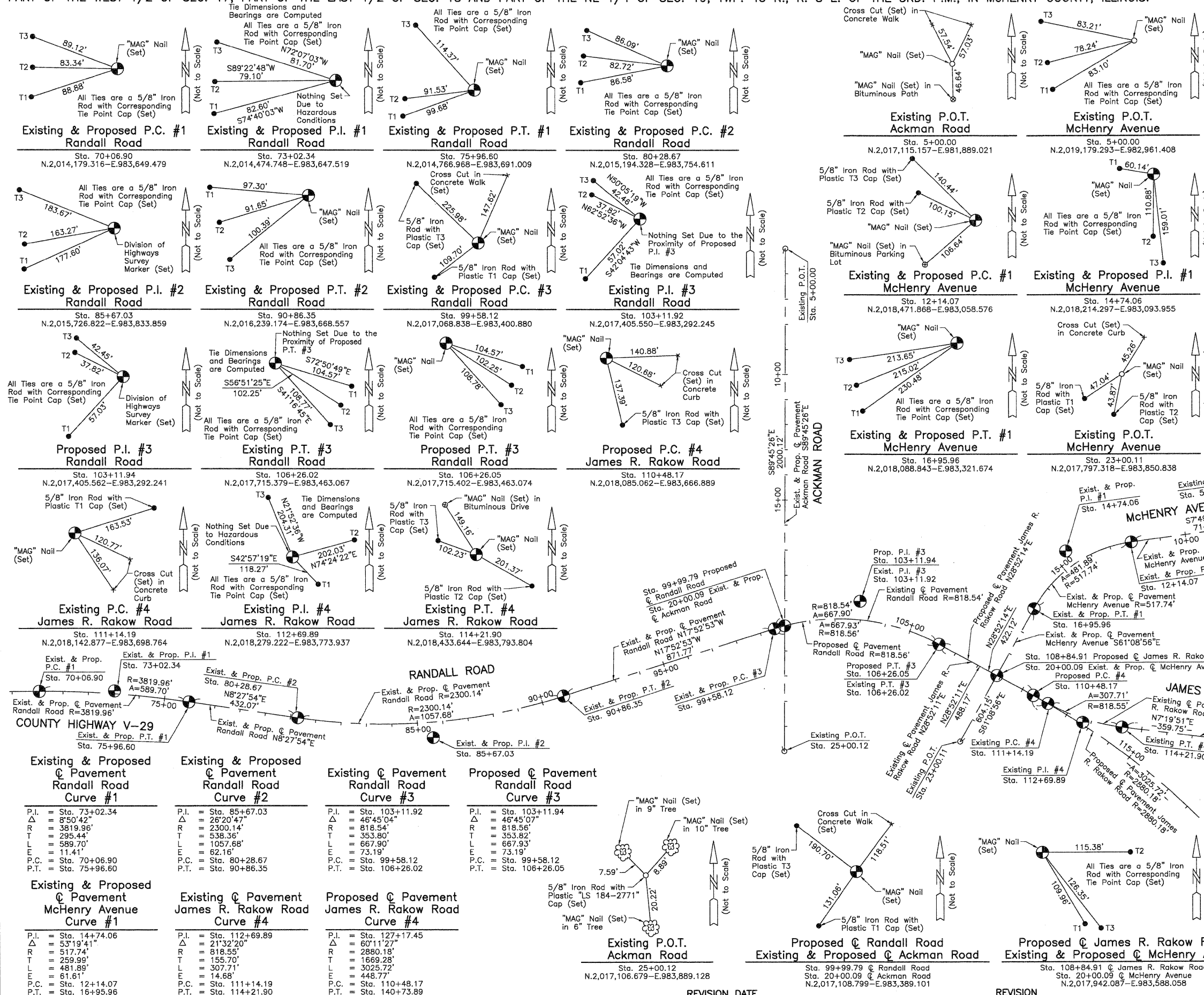
DATED AT LAKE VILLA, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

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

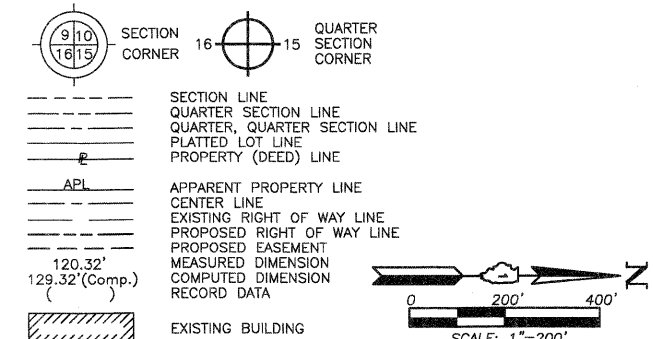
JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 356-3371

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.P. 336 (JAMES R. RAKOW ROAD)
 SECTION 05-00308-00-WR McHENRY COUNTY
 PROJECT JOB NO. R-91-007-06
 STATION NONE TO STATION
 SCALE: 1"=100' SHEET 31 OF 36

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



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
- 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.
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- 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.
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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 17, TOWNSHIP 43N., RANGE 8E. AND SECTION 19, TOWNSHIP 43N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

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

PRESIDENT

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2010
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
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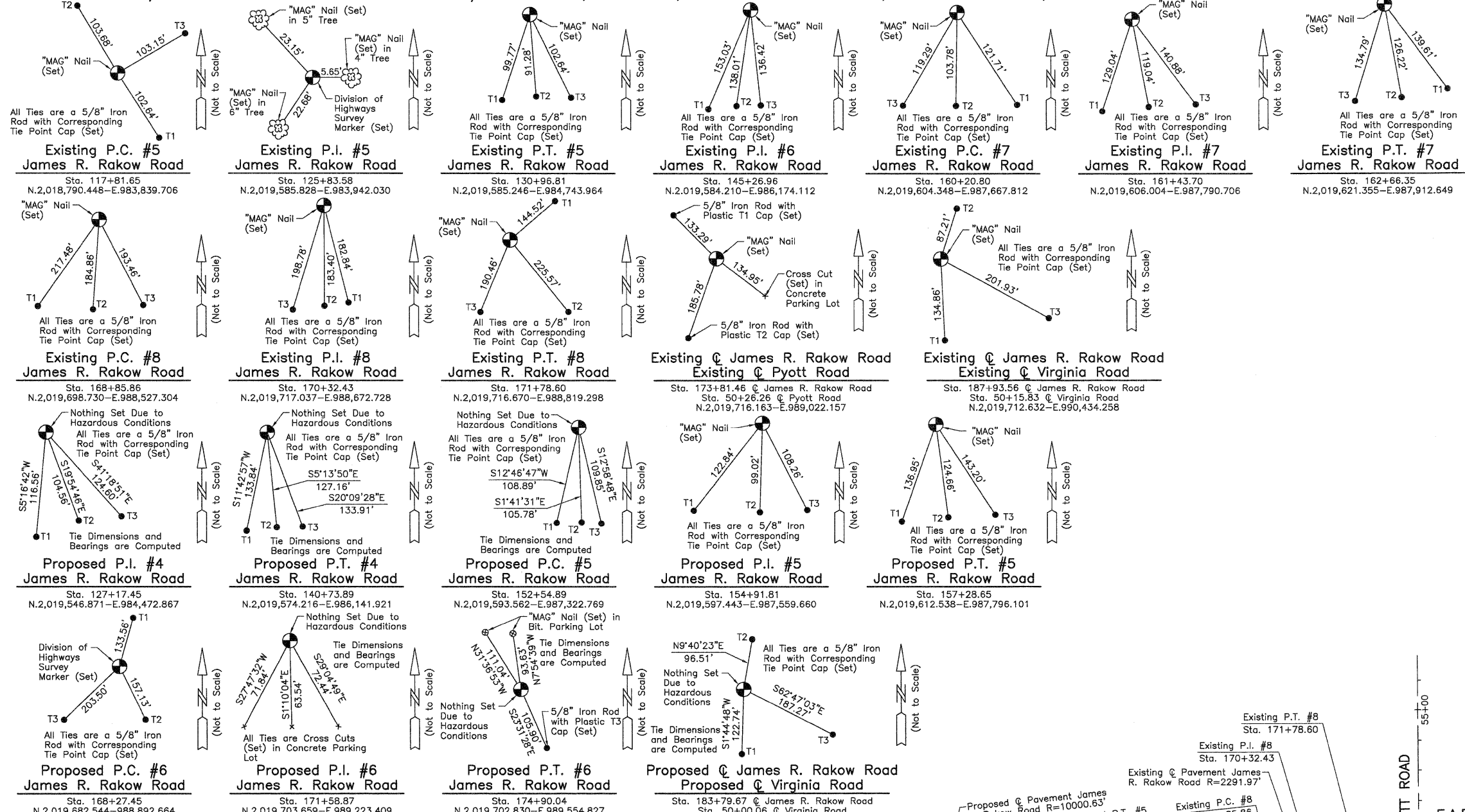
JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046 (847) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.P. 336 (JAMES R. RAKOW ROAD)

SECTION 05-00308-00-WR McHENRY COUNTY
 PROJECT JOB NO. R-91-007-06
 STATION 5+00.00 TO STATION 25+00.12 (Ackman Rd.)
 STATION 5+00.00 TO STATION 23+00.11 (McHenry Ave.)
 STATION 69+00 TO STATION 118+00 (James R. Rakow Rd.)
 SCALE: 1"=200' SHEET 32 OF 36

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



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

120.32'
129.32'(Comp.)
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA

EXISTING BUILDING

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

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

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● T3

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● 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.

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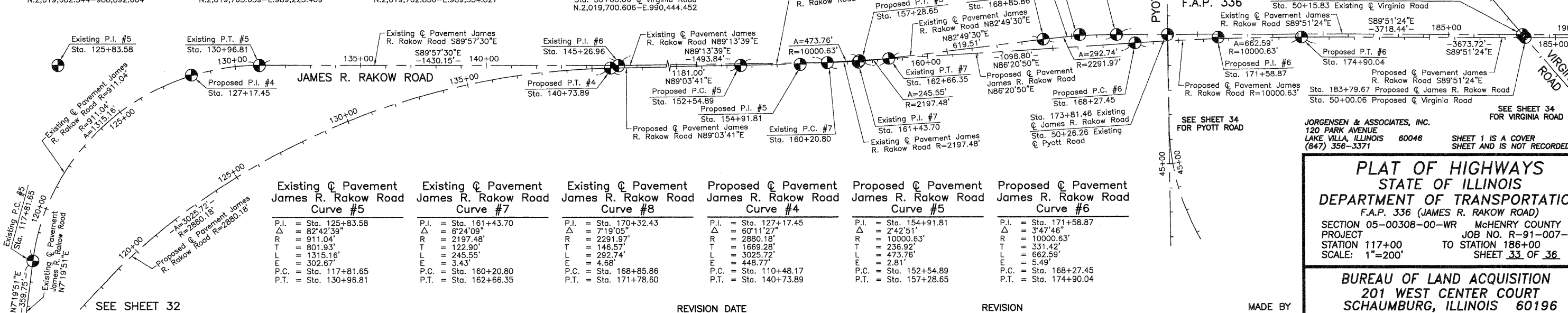
□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE }SS

0 200' 400'
SCALE: 1"=200'

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



Curve #	P.I.	Sta.	Δ	R	T	L	E	P.C.	P.T.
Existing Pavement James R. Rakow Road Curve #5	P.I.	Sta. 125+83.58	Δ = 82°42'39"	R = 911.04'	T = 801.93'	L = 1315.16'	E = 302.67'	P.C. = Sta. 117+81.65	P.T. = Sta. 130+96.81
Existing Pavement James R. Rakow Road Curve #7	P.I.	Sta. 161+43.70	Δ = 6°24'09"	R = 2197.48'	T = 122.90'	L = 245.55'	E = 3.43'	P.C. = Sta. 160+20.80	P.T. = Sta. 162+66.35
Existing Pavement James R. Rakow Road Curve #8	P.I.	Sta. 170+32.43	Δ = 7°19'05"	R = 2291.97'	T = 146.57'	L = 292.74'	E = 4.68'	P.C. = Sta. 168+85.86	P.T. = Sta. 171+78.60
Proposed Pavement James R. Rakow Road Curve #4	P.I.	Sta. 127+17.45	Δ = 60°11'27"	R = 2880.18'	T = 1669.28'	L = 3025.72'	E = 448.77'	P.C. = Sta. 110+48.17	P.T. = Sta. 140+73.89
Proposed Pavement James R. Rakow Road Curve #5	P.I.	Sta. 154+91.81	Δ = 2°42'51"	R = 10000.63'	T = 236.92'	L = 473.76'	E = 2.81'	P.C. = Sta. 152+54.89	P.T. = Sta. 157+28.65
Proposed Pavement James R. Rakow Road Curve #6	P.I.	Sta. 171+58.87	Δ = 3°47'46"	R = 10000.63'	T = 331.42'	L = 662.59'	E = 5.49'	P.C. = Sta. 168+27.45	P.T. = Sta. 174+90.04

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

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.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (JAMES R. RAKOW ROAD)
SECTION 05-00308-00-WR McHENRY COUNTY
PROJECT JOB NO. R-91-007-06
STATION 117+00 TO STATION 186+00
SCALE: 1"=200' SHEET 33 OF 36

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

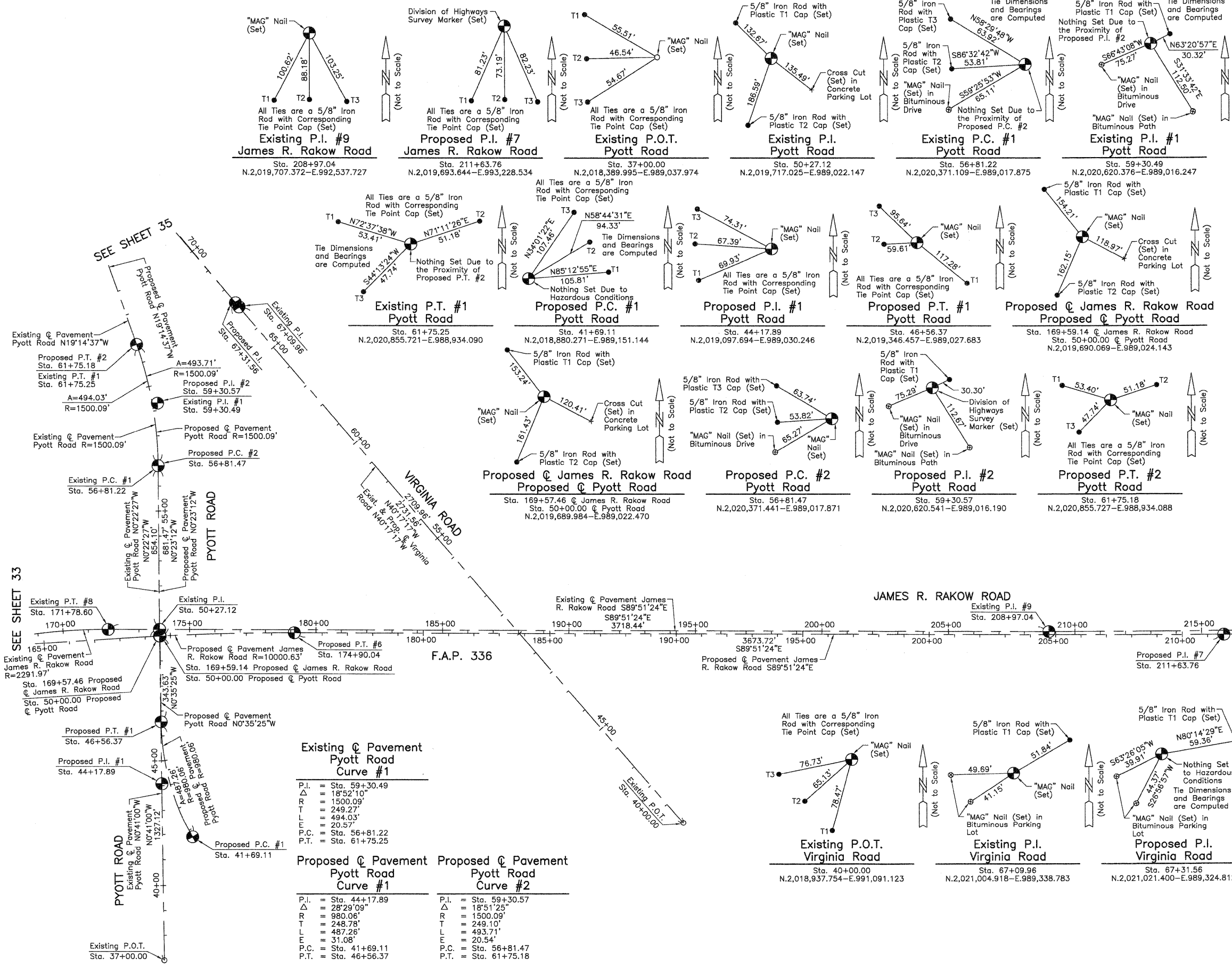
SEE SHEET 34 FOR VIRGINIA ROAD
SEE SHEET 34 FOR PYOTT ROAD

REVISION DATE _____

MADE BY _____

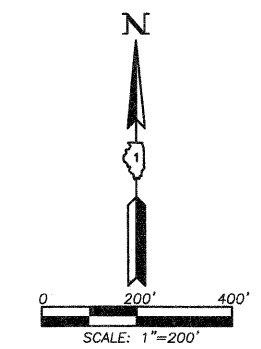
RECORDING: RECORDED ON _____

AS DOCUMENT NO. _____



LEGEND

- 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 NAD 83(2007) East Zone.
- 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.



SEE SHEET 33

SEE SHEET 36

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 43N., RANGE 8E. AND SECTION 16, TOWNSHIP 43N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

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

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

Note: Surface Coordinates are Shown.

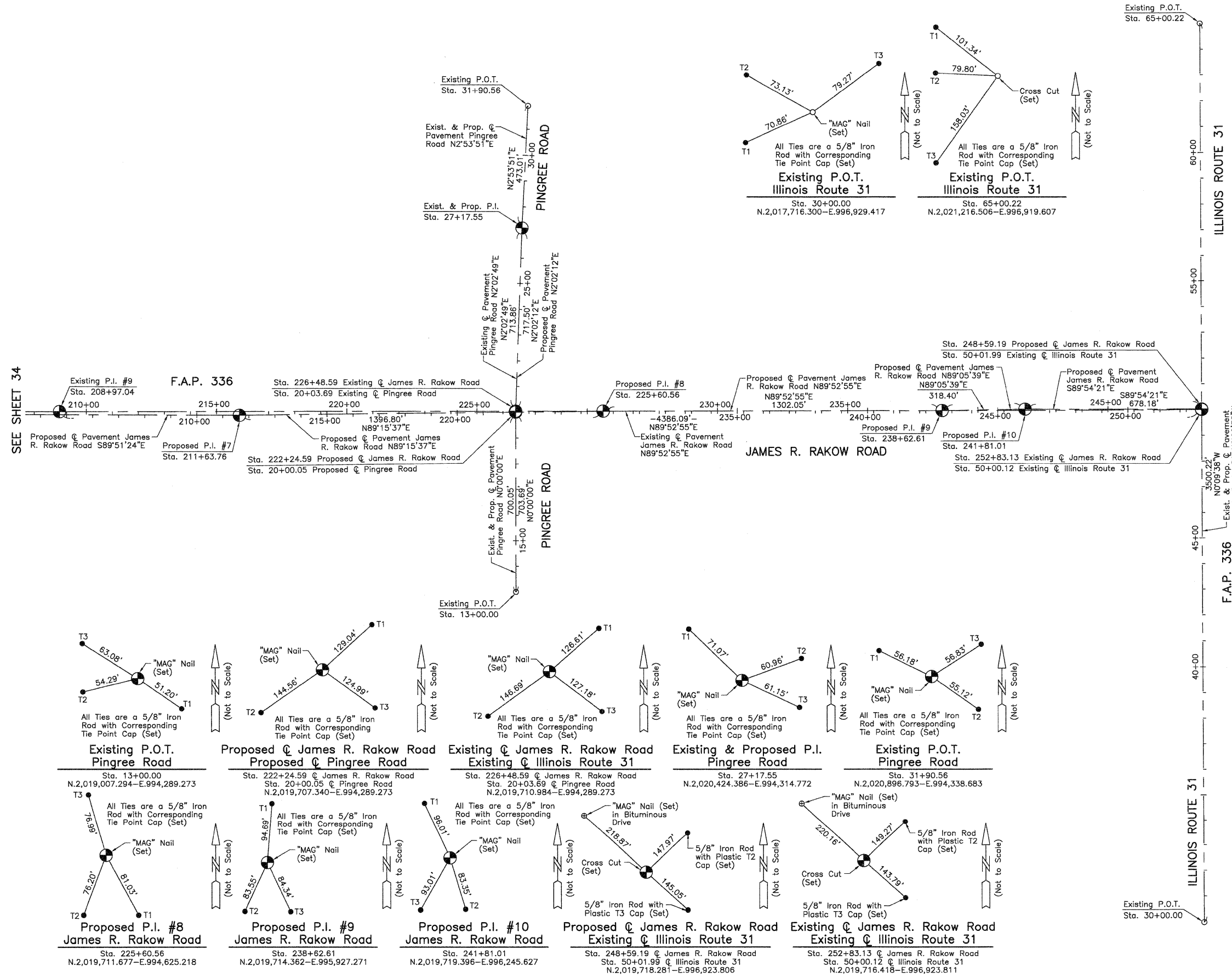
JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.P. 336 (JAMES R. RAKOW ROAD)
 SECTION 05-00308-00-WR McHENRY COUNTY
 PROJECT JOB NO. R-91-007-06
 STATION 37+00.00 TO STATION 63+00 (PYOTT RD.)
 STATION 40+00.00 TO STATION 70+00 (VIRGINIA RD.)
 STATION 165+00 TO STATION 213+00 (JAMES R. RAKOW RD.)
 SCALE: 1"=200' SHEET 34 OF 36

Existing Pavement Pyott Road Curve #1		Proposed Pavement Pyott Road Curve #1		Proposed Pavement Pyott Road Curve #2	
P.I.	= Sta. 59+30.49	P.I.	= Sta. 44+17.89	P.I.	= Sta. 59+30.57
Δ	= 18°52'10"	Δ	= 28°29'09"	Δ	= 18°51'25"
R	= 1500.09'	R	= 980.06'	R	= 1500.09'
T	= 249.27'	T	= 248.78'	T	= 249.10'
L	= 494.03'	L	= 487.26'	L	= 493.71'
E	= 20.57'	E	= 31.08'	E	= 20.54'
P.C.	= Sta. 56+81.22	P.C.	= Sta. 41+69.11	P.C.	= Sta. 56+81.47
P.T.	= Sta. 61+75.25	P.T.	= Sta. 46+56.37	P.T.	= Sta. 61+75.18

REVISION DATE REVISION MADE BY



LEGEND

SECTION CORNER 16 QUARTER SECTION CORNER 15

- 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 NAD 83(2007) East Zone.

- 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 }

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 9, TOWNSHIP 43N., RANGE 8E. AND SECTION 15, TOWNSHIP 43N., RANGE 8E. OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

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

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.

SEE SHEET 34

F.A.P. 336

ILLINOIS ROUTE 31

ILLINOIS ROUTE 31

Existing P.O.T. Pingree Road Sta. 13+00.00
N.2,019,007.294-E.994,289.273

Proposed P.I. #8 James R. Rakow Road Sta. 225+60.56
N.2,019,711.677-E.994,625.218

Proposed P.I. #9 James R. Rakow Road Sta. 238+62.61
N.2,019,714.362-E.995,927.271

Proposed P.I. #10 James R. Rakow Road Sta. 241+81.01
N.2,019,719.396-E.996,245.627

Proposed P.I. #8 James R. Rakow Road Existing P.O.T. Illinois Route 31 Sta. 248+59.19
N.2,019,718.281-E.996,923.806

Existing P.O.T. Illinois Route 31 Sta. 252+83.13
N.2,019,716.418-E.996,923.811

Existing P.O.T. Pingree Road Sta. 31+90.56
N.2,020,896.793-E.994,338.683

Existing P.O.T. Illinois Route 31 Sta. 50+00.12
N.2,019,716.418-E.996,923.811

Existing P.O.T. Illinois Route 31 Sta. 65+00.22
N.2,021,216.506-E.996,919.607

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

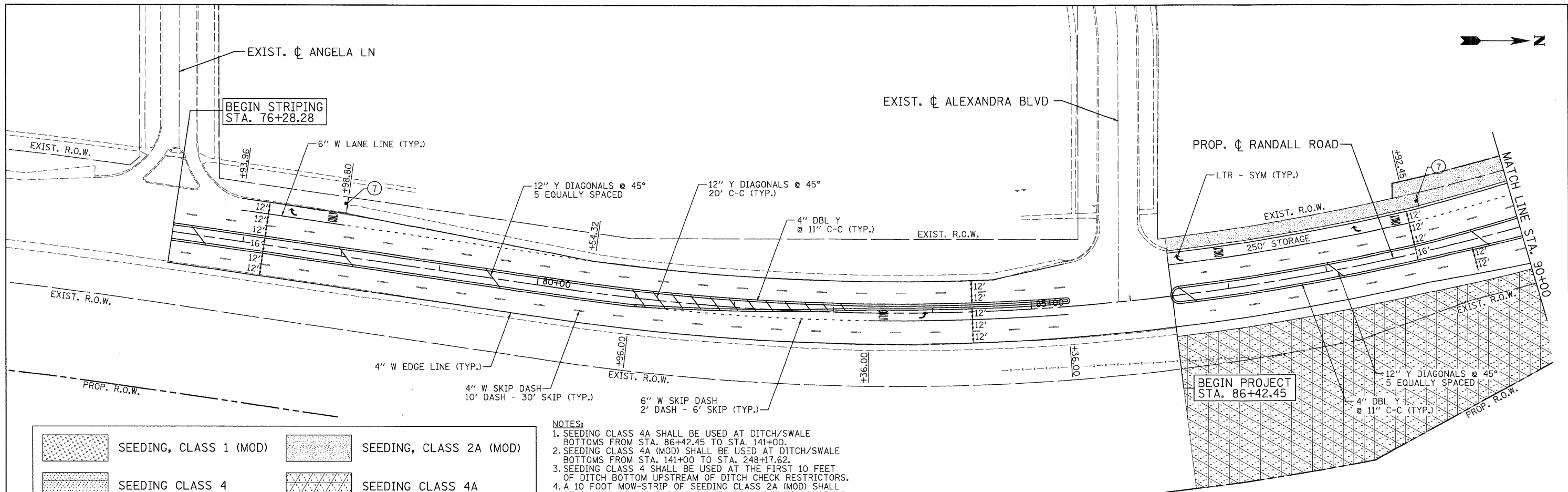
SHEET 1 IS A COVER
SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 336 (JAMES R. RAKOW ROAD)

SECTION 05-00308-00-WR McHENRY COUNTY
PROJECT JOB NO. R-91-007-06
STATION 13+00.00 TO STATION 31+90.56 (PINGREE RD.)
STATION 30+00.00 TO STATION 65+00.22 (ILLINOIS ROUTE 31)
STATION 204+00 TO STATION 248+59.19 (JAMES R. RAKOW RD.)
SCALE: 1"=200' SHEET 36 OF 36

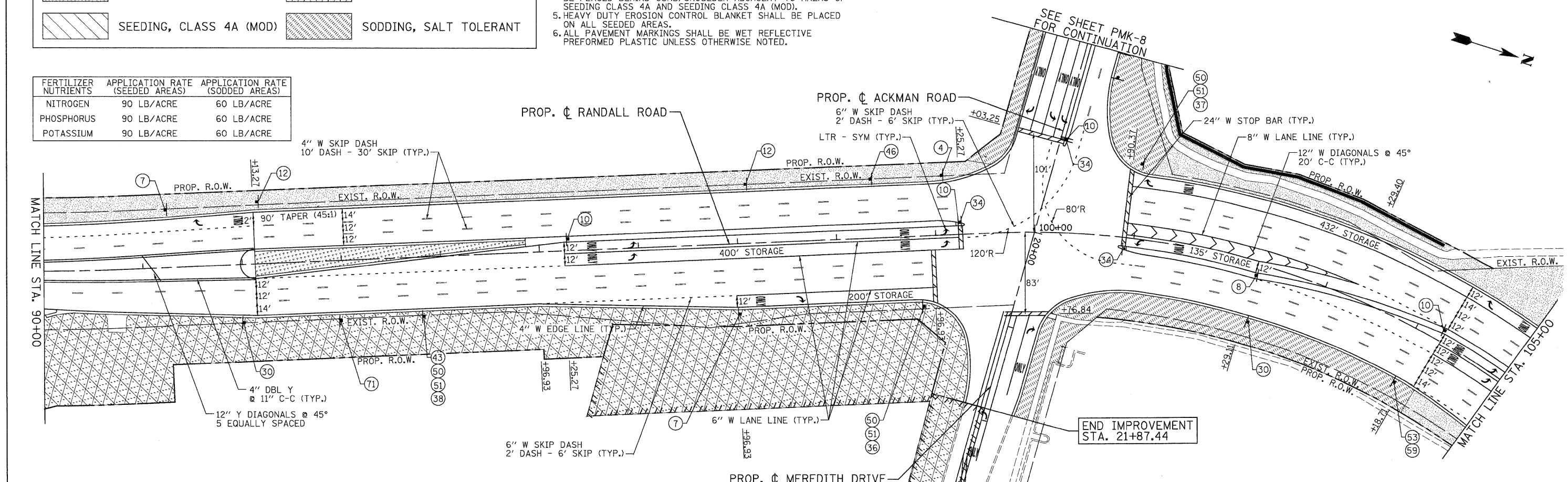
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196



	SEEDING, CLASS 1 (MOD)		SEEDING, CLASS 2A (MOD)
	SEEDING CLASS 4		SEEDING CLASS 4A
	SEEDING, CLASS 4A (MOD)		SODDING, SALT TOLERANT

- NOTES:**
- SEEDING CLASS 4A SHALL BE USED AT DITCH/SWALE BOTTOMS FROM STA. 86+42.45 TO STA. 141+00.
 - SEEDING CLASS 4A (MOD) SHALL BE USED AT DITCH/SWALE BOTTOMS FROM STA. 141+00 TO STA. 248+17.62.
 - SEEDING CLASS 4 SHALL BE USED AT THE FIRST 10 FEET OF DITCH BOTTOM UPSTREAM OF DITCH CHECK RESTRICTORS.
 - A 10 FOOT MOW-STRIP OF SEEDING CLASS 2A (MOD) SHALL BE PLACED BEHIND CURB/SHOULDER ADJACENT TO AREAS OF SEEDING CLASS 4A AND SEEDING CLASS 4A (MOD).
 - HEAVY DUTY EROSION CONTROL BLANKET SHALL BE PLACED ON ALL SEEDED AREAS.
 - ALL PAVEMENT MARKINGS SHALL BE WET REFLECTIVE PREFORMED PLASTIC UNLESS OTHERWISE NOTED.

FERTILIZER NUTRIENTS	APPLICATION RATE (SEEDED AREAS)	APPLICATION RATE (SODDED AREAS)
NITROGEN	90 LB/ACRE	60 LB/ACRE
PHOSPHORUS	90 LB/ACRE	60 LB/ACRE
POTASSIUM	90 LB/ACRE	60 LB/ACRE



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 PLOT DATE = 7/29/2010

DESIGNED - MJP
 DRAWN - TCK
 CHECKED - JAH
 DATE - 8/2/2010

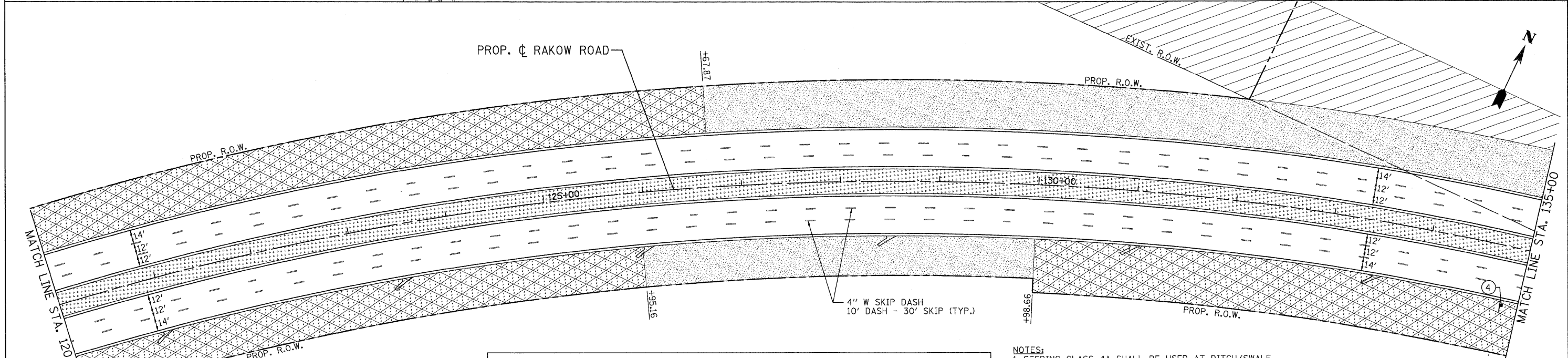
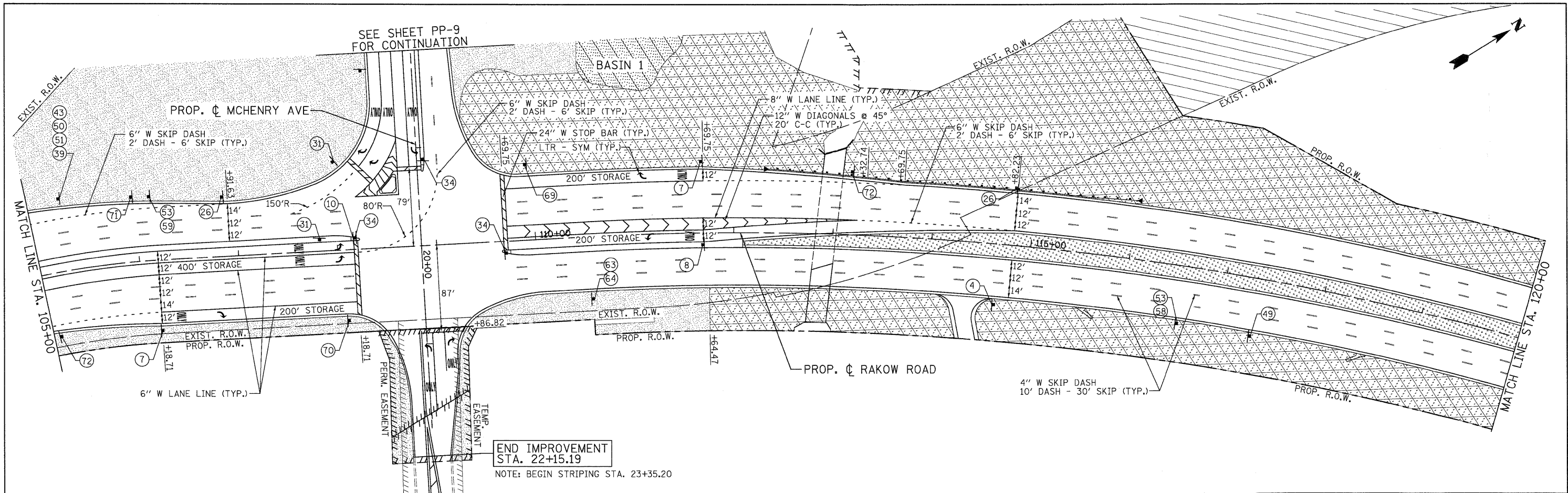


**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

**RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
 PROPOSED PAVEMENT MARKING/LANDSCAPING PLAN**

SCALE: 1"=50' SHEET NO. PMK 1 OF 21 STA. PROJ. START TO STA. 105+00

F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 268
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		

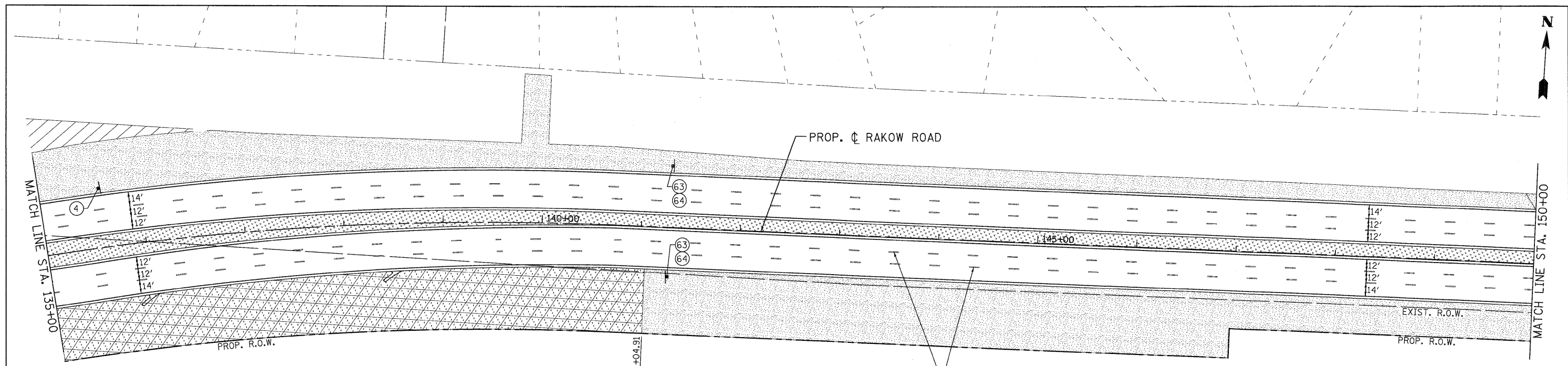


FERTILIZER NUTRIENTS	APPLICATION RATE (SEEDED AREAS)	APPLICATION RATE (SODDED AREAS)
NITROGEN	90 LB/ACRE	60 LB/ACRE
PHOSPHORUS	90 LB/ACRE	60 LB/ACRE
POTASSIUM	90 LB/ACRE	60 LB/ACRE

	SEEDING, CLASS 1 (MOD)		SEEDING, CLASS 2A (MOD)
	SEEDING CLASS 4		SEEDING CLASS 4A
	SEEDING, CLASS 4A (MOD)		SODDING, SALT TOLERANT

- NOTES:
- SEEDING CLASS 4A SHALL BE USED AT DITCH/SWALE BOTTOMS FROM STA. 86+42.45 TO STA. 141+00.
 - SEEDING CLASS 4A (MOD) SHALL BE USED AT DITCH/SWALE BOTTOMS FROM STA. 141+00 TO STA. 248+17.62.
 - SEEDING CLASS 4 SHALL BE USED AT THE FIRST 10 FEET OF DITCH BOTTOM UPSTREAM OF DITCH CHECK RESTRICTORS.
 - A 10 FOOT MOW-STRIP OF SEEDING CLASS 2A (MOD) SHALL BE PLACED BEHIND CURB/SHOULDER ADJACENT TO AREAS OF SEEDING CLASS 4A AND SEEDING CLASS 4A (MOD).
 - HEAVY DUTY EROSION CONTROL BLANKET SHALL BE PLACED ON ALL SEEDED AREAS.
 - ALL PAVEMENT MARKINGS SHALL BE WET REFLECTIVE PREFORMED PLASTIC UNLESS OTHERWISE NOTED.

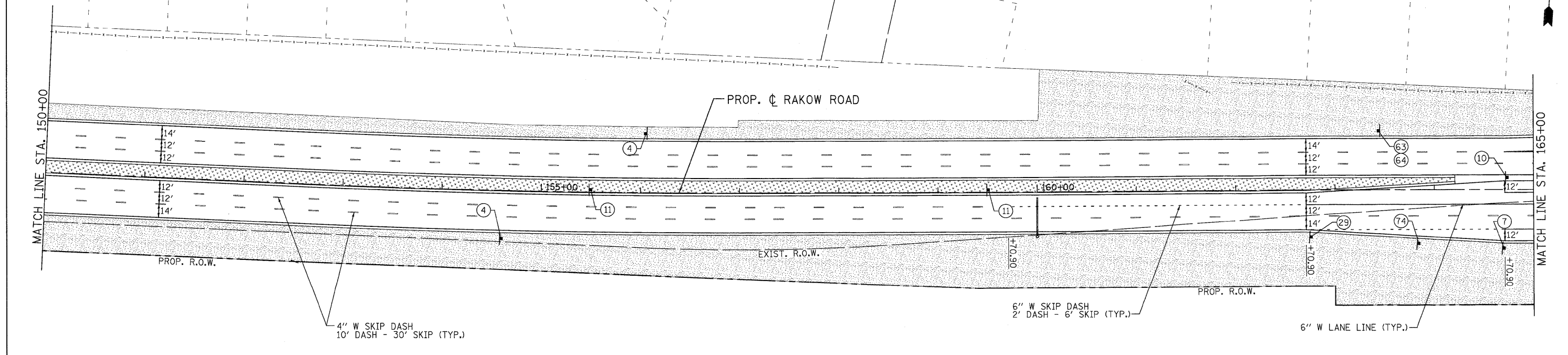
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	SEEDING, CLASS 1 (MOD)		SEEDING, CLASS 2A (MOD)
	SEEDING CLASS 4		SEEDING CLASS 4A
	SEEDING, CLASS 4A (MOD)		SODDING, SALT TOLERANT

- NOTES:**
- SEEDING CLASS 4A SHALL BE USED AT DITCH/SWALE BOTTOMS FROM STA. 86+42.45 TO STA. 141+00.
 - SEEDING CLASS 4A (MOD) SHALL BE USED AT DITCH/SWALE BOTTOMS FROM STA. 141+00 TO STA. 248+17.62.
 - SEEDING CLASS 4 SHALL BE USED AT THE FIRST 10 FEET OF DITCH BOTTOM UPSTREAM OF DITCH CHECK RESTRICTORS.
 - A 10 FOOT MOW-STRIP OF SEEDING CLASS 2A (MOD) SHALL BE PLACED BEHIND CURB/SHOULDER ADJACENT TO AREAS OF SEEDING CLASS 4A AND SEEDING CLASS 4A (MOD).
 - HEAVY DUTY EROSION CONTROL BLANKET SHALL BE PLACED ON ALL SEEDED AREAS.
 - ALL PAVEMENT MARKINGS SHALL BE WET REFLECTIVE PREFORMED PLASTIC UNLESS OTHERWISE NOTED.

FERTILIZER NUTRIENTS	APPLICATION RATE (SEEDED AREAS)	APPLICATION RATE (SODDED AREAS)
NITROGEN	90 LB/ACRE	60 LB/ACRE
PHOSPHORUS	90 LB/ACRE	60 LB/ACRE
POTASSIUM	90 LB/ACRE	60 LB/ACRE



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PLOT DATE = 7/29/2010	DATE - 8/2/2010	REVISED -



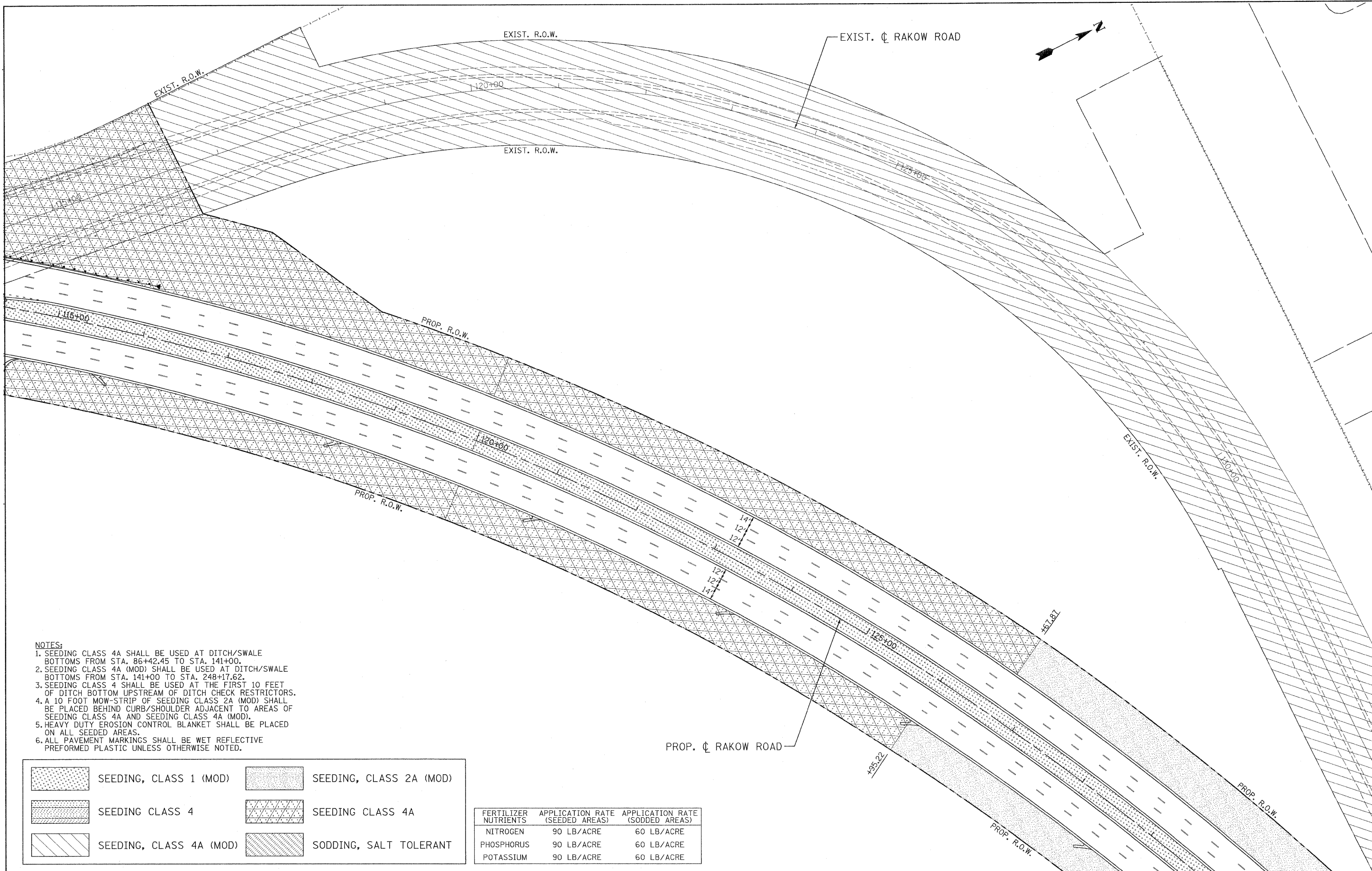
**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
PROPOSED PAVEMENT MARKING/LANDSCAPING PLAN**

SCALE: 1"=50' SHEET NO. PMK 3 OF 21 STA. 135+00 TO STA. 165+00

F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 270
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 63398		

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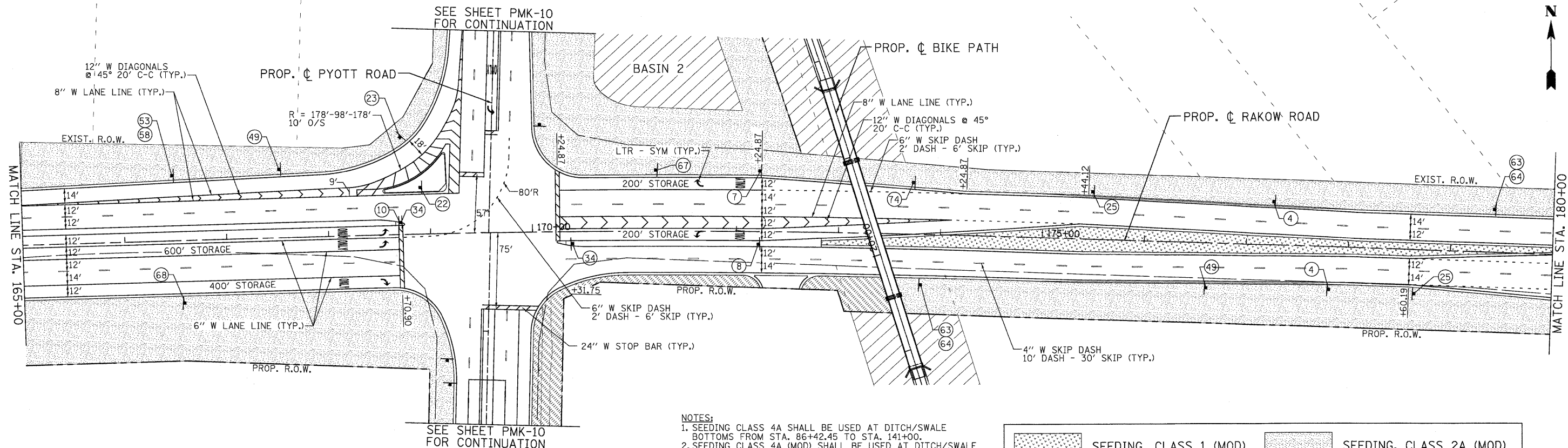


- NOTES:**
- SEEDING CLASS 4A SHALL BE USED AT DITCH/SWALE BOTTOMS FROM STA. 86+42.45 TO STA. 141+00.
 - SEEDING CLASS 4A (MOD) SHALL BE USED AT DITCH/SWALE BOTTOMS FROM STA. 141+00 TO STA. 248+17.62.
 - SEEDING CLASS 4 SHALL BE USED AT THE FIRST 10 FEET OF DITCH BOTTOM UPSTREAM OF DITCH CHECK RESTRICTORS.
 - A 10 FOOT MOW-STRIP OF SEEDING CLASS 2A (MOD) SHALL BE PLACED BEHIND CURB/SHOULDER ADJACENT TO AREAS OF SEEDING CLASS 4A AND SEEDING CLASS 4A (MOD).
 - HEAVY DUTY EROSION CONTROL BLANKET SHALL BE PLACED ON ALL SEEDED AREAS.
 - ALL PAVEMENT MARKINGS SHALL BE WET REFLECTIVE PREFORMED PLASTIC UNLESS OTHERWISE NOTED.

	SEEDING, CLASS 1 (MOD)		SEEDING, CLASS 2A (MOD)
	SEEDING CLASS 4		SEEDING CLASS 4A
	SEEDING, CLASS 4A (MOD)		SODDING, SALT TOLERANT

FERTILIZER NUTRIENTS	APPLICATION RATE (SEEDED AREAS)	APPLICATION RATE (SODDED AREAS)
NITROGEN	90 LB/ACRE	60 LB/ACRE
PHOSPHORUS	90 LB/ACRE	60 LB/ACRE
POTASSIUM	90 LB/ACRE	60 LB/ACRE

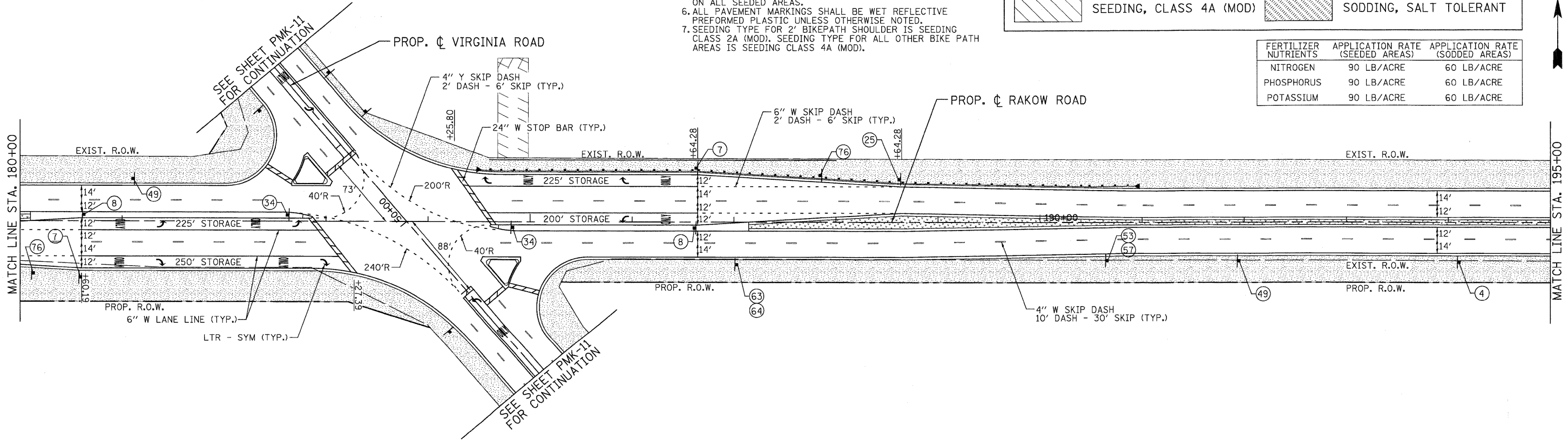
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PLOT SCALE = 1"=50'	CHECKED - JAH	REVISIED -		SCALE: 1"=50'	SHEET NO. PMK 4 OF 21						
PLOT DATE = 8/23/2010	DATE - 8/2/2010	REVISED -									



- NOTES:**
1. SEEDING CLASS 4A SHALL BE USED AT DITCH/SWALE BOTTOMS FROM STA. 86+42.45 TO STA. 141+00.
 2. SEEDING CLASS 4A (MOD) SHALL BE USED AT DITCH/SWALE BOTTOMS FROM STA. 141+00 TO STA. 248+17.62.
 3. SEEDING CLASS 4 SHALL BE USED AT THE FIRST 10 FEET OF DITCH BOTTOM UPSTREAM OF DITCH CHECK RESTRICTORS.
 4. A 10 FOOT MOW-STRIP OF SEEDING CLASS 2A (MOD) SHALL BE PLACED BEHIND CURB/SHOULDER ADJACENT TO AREAS OF SEEDING CLASS 4A AND SEEDING CLASS 4A (MOD).
 5. HEAVY DUTY EROSION CONTROL BLANKET SHALL BE PLACED ON ALL SEEDED AREAS.
 6. ALL PAVEMENT MARKINGS SHALL BE WET REFLECTIVE PREFORMED PLASTIC UNLESS OTHERWISE NOTED.
 7. SEEDING TYPE FOR 2' BIKEPATH SHOULDER IS SEEDING CLASS 2A (MOD). SEEDING TYPE FOR ALL OTHER BIKE PATH AREAS IS SEEDING CLASS 4A (MOD).

	SEEDING, CLASS 1 (MOD)		SEEDING, CLASS 2A (MOD)
	SEEDING CLASS 4		SEEDING CLASS 4A
	SEEDING, CLASS 4A (MOD)		SODDING, SALT TOLERANT

FERTILIZER NUTRIENTS	APPLICATION RATE (SEEDED AREAS)	APPLICATION RATE (SODDED AREAS)
NITROGEN	90 LB/ACRE	60 LB/ACRE
PHOSPHORUS	90 LB/ACRE	60 LB/ACRE
POTASSIUM	90 LB/ACRE	60 LB/ACRE



USER NAME = Rdwj.Lisle
 PLOT CONFIG = PDF(Greg_Large).plt
 PLOT SCALE = 1:50
 PLOT DATE = 7/29/2010

DESIGNED - MJP
 DRAWN - TCK
 CHECKED - JAH
 DATE - 8/2/2010

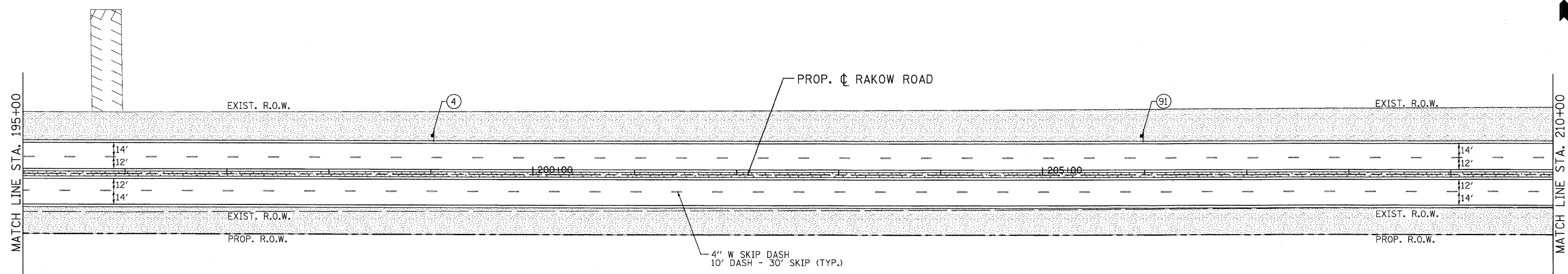
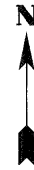


**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

**RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
 PROPOSED PAVEMENT MARKING/LANDSCAPING PLAN**

SCALE: 1"=50' SHEET NO. PMK 5 OF 21 STA. 165+00 TO STA. 195+00

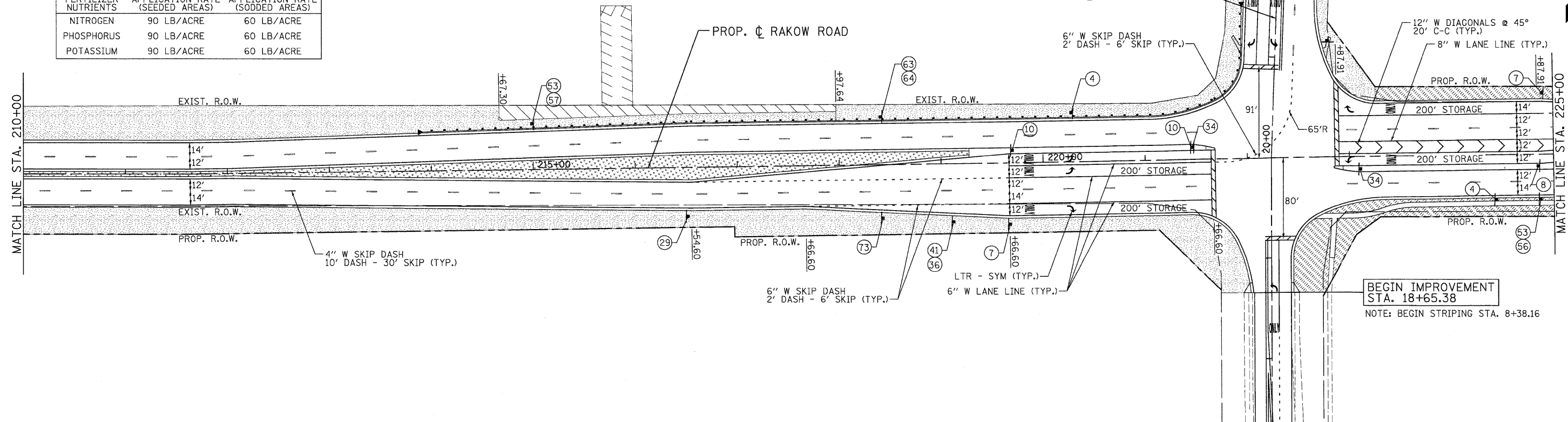
F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 272
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



	SEEDING, CLASS 1 (MOD)		SEEDING, CLASS 2A (MOD)
	SEEDING CLASS 4		SEEDING CLASS 4A
	SEEDING, CLASS 4A (MOD)		SODDING, SALT TOLERANT

FERTILIZER NUTRIENTS	APPLICATION RATE (SEEDED AREAS)	APPLICATION RATE (SODDED AREAS)
NITROGEN	90 LB/ACRE	60 LB/ACRE
PHOSPHORUS	90 LB/ACRE	60 LB/ACRE
POTASSIUM	90 LB/ACRE	60 LB/ACRE

- NOTES:**
- SEEDING CLASS 4A SHALL BE USED AT DITCH/SWALE BOTTOMS FROM STA. 86+42.45 TO STA. 141+00.
 - SEEDING CLASS 4A (MOD) SHALL BE USED AT DITCH/SWALE BOTTOMS FROM STA. 141+00 TO STA. 248+17.62.
 - SEEDING CLASS 4 SHALL BE USED AT THE FIRST 10 FEET OF DITCH BOTTOM UPSTREAM OF DITCH CHECK RESTRICTORS.
 - A 10 FOOT MOW-STRIP OF SEEDING CLASS 2A (MOD) SHALL BE PLACED BEHIND CURB/SHOULDER ADJACENT TO AREAS OF SEEDING CLASS 4A AND SEEDING CLASS 4A (MOD).
 - HEAVY DUTY EROSION CONTROL BLANKET SHALL BE PLACED ON ALL SEEDED AREAS.
 - ALL PAVEMENT MARKINGS SHALL BE WET REFLECTIVE PREFORMED PLASTIC UNLESS OTHERWISE NOTED.



USER NAME = Rduy.Lisle	DESIGNED - MJP	REVISED -
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PLOT SCALE = 1:50	CHECKED - JAH	REVISED -
PLOT DATE = 7/29/2010	DATE - 8/2/2010	REVISED -



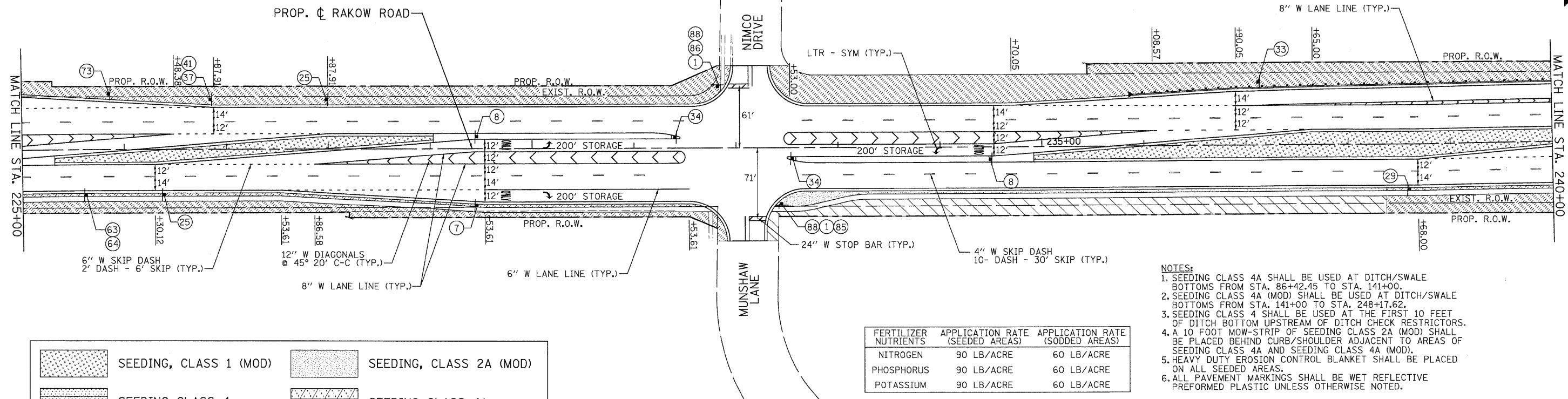
**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
PROPOSED PAVEMENT MARKING/LANDSCAPING PLAN**

SCALE: 1"=50' SHEET NO. PMK 6 OF 21 STA. 195+00 TO STA. 225+00

F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 273
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		

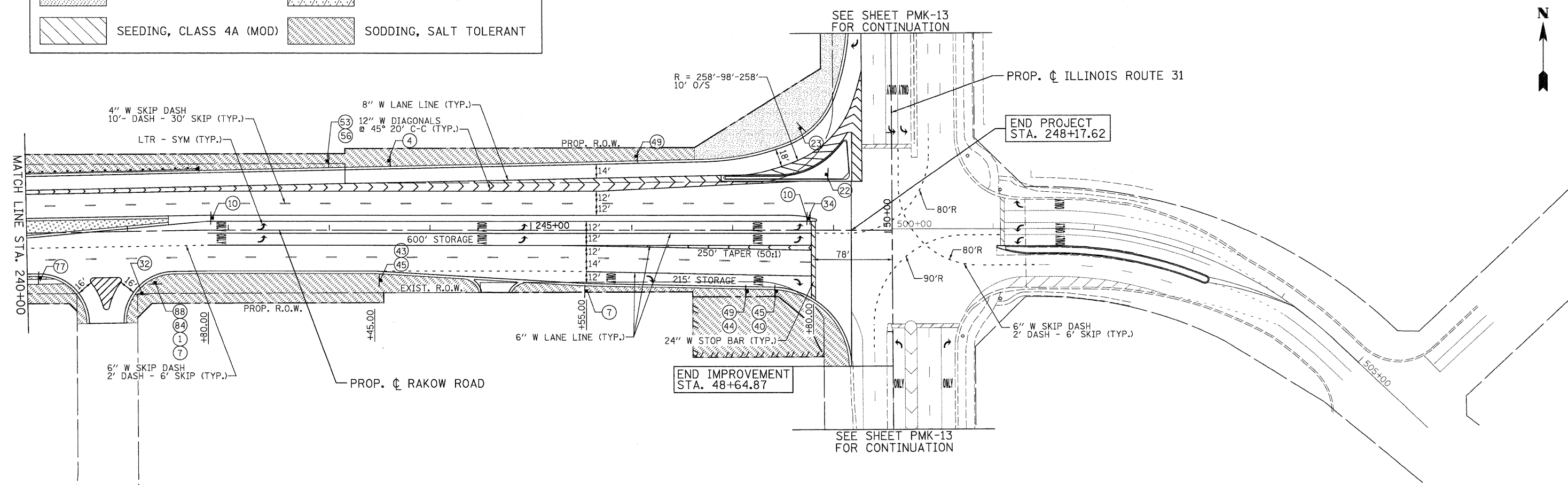
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STA. 18+65.38**
NOTE: BEGIN STRIPING STA. 8+38.16



	SEEDING, CLASS 1 (MOD)		SEEDING, CLASS 2A (MOD)
	SEEDING CLASS 4		SEEDING CLASS 4A
	SEEDING, CLASS 4A (MOD)		SODDING, SALT TOLERANT

FERTILIZER NUTRIENTS	APPLICATION RATE (SEEDED AREAS)	APPLICATION RATE (SODDED AREAS)
NITROGEN	90 LB/ACRE	60 LB/ACRE
PHOSPHORUS	90 LB/ACRE	60 LB/ACRE
POTASSIUM	90 LB/ACRE	60 LB/ACRE

- NOTES:
- SEEDING CLASS 4A SHALL BE USED AT DITCH/SWALE BOTTOMS FROM STA. 86+42.45 TO STA. 141+00.
 - SEEDING CLASS 4A (MOD) SHALL BE USED AT DITCH/SWALE BOTTOMS FROM STA. 141+00 TO STA. 248+17.62.
 - SEEDING CLASS 4 SHALL BE USED AT THE FIRST 10 FEET OF DITCH BOTTOM UPSTREAM OF DITCH CHECK RESTRICTORS.
 - A 10 FOOT MOW-STRIP OF SEEDING CLASS 2A (MOD) SHALL BE PLACED BEHIND CURB/SHOULDER ADJACENT TO AREAS OF SEEDING CLASS 4A AND SEEDING CLASS 4A (MOD).
 - HEAVY DUTY EROSION CONTROL BLANKET SHALL BE PLACED ON ALL SEEDED AREAS.
 - ALL PAVEMENT MARKINGS SHALL BE WET REFLECTIVE PREFORMED PLASTIC UNLESS OTHERWISE NOTED.



USER NAME = Rdky.Lisle
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 PLOT DATE = 7/29/2010

DESIGNED - MJP
 DRAWN - TCK
 CHECKED - JAH
 DATE - 8/2/2010

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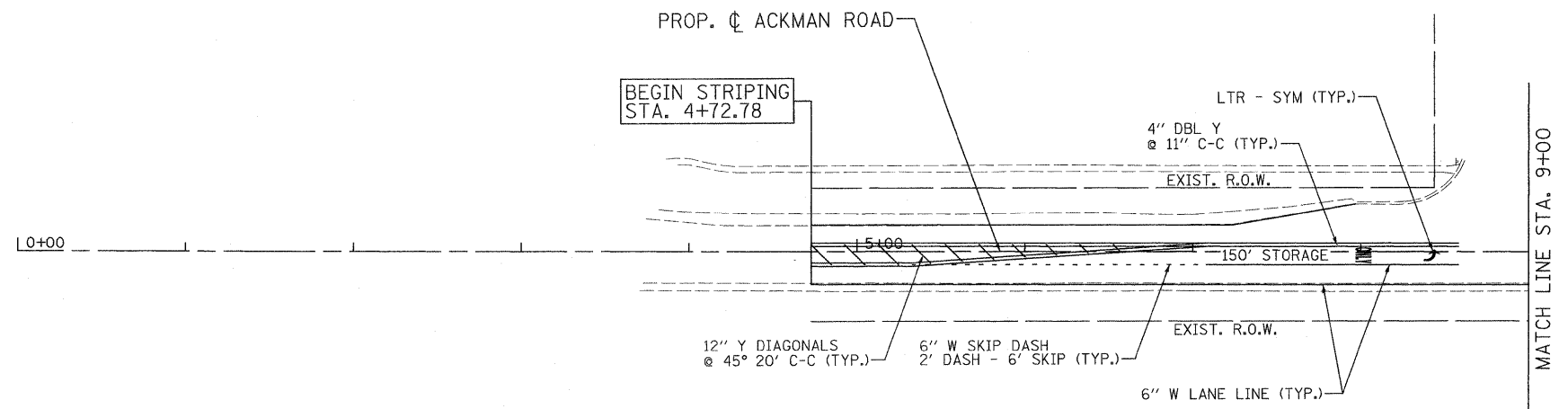
MCHENRY COUNTY
 DIVISION OF TRANSPORTATION

RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
 PROPOSED PAVEMENT MARKING/LANDSCAPING PLAN

SCALE: 1"=50' SHEET NO. PMK 7 OF 21 STA. 225+00 TO STA. PROJ. END

F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 274
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT CONTRACT NO. 63398		

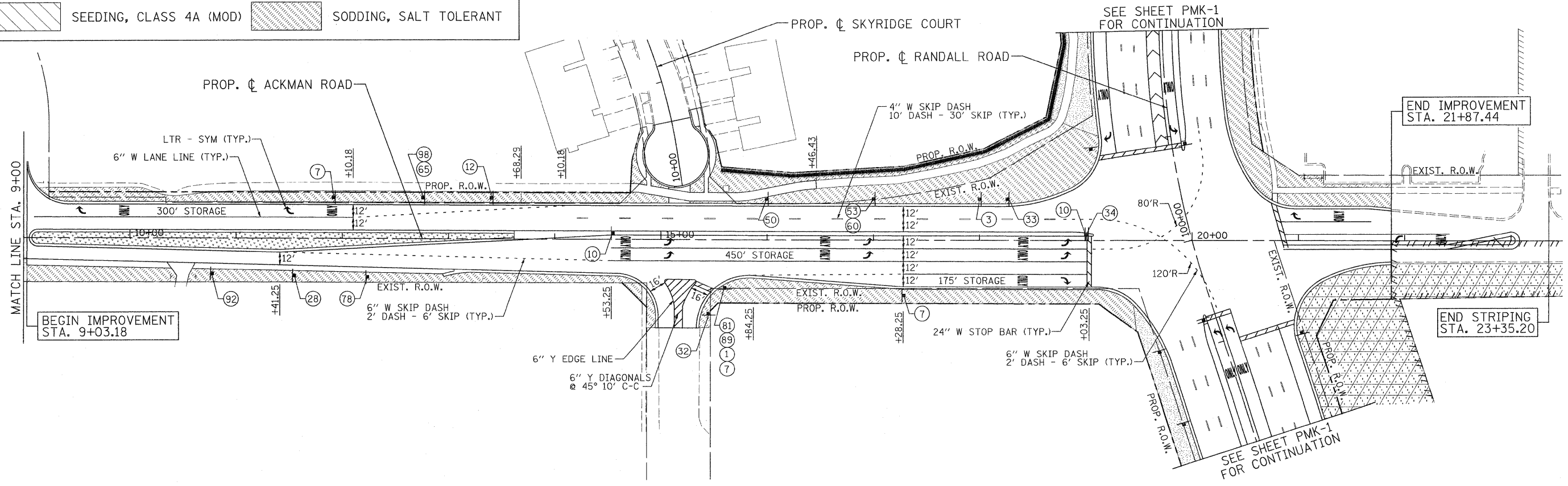
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- NOTES:**
- SEEDING CLASS 4A SHALL BE USED AT DITCH/SWALE BOTTOMS FROM STA. 86+42.45 TO STA. 141+00.
 - SEEDING CLASS 4A (MOD) SHALL BE USED AT DITCH/SWALE BOTTOMS FROM STA. 141+00 TO STA. 248+17.62.
 - SEEDING CLASS 4 SHALL BE USED AT THE FIRST 10 FEET OF DITCH BOTTOM UPSTREAM OF DITCH CHECK RESTRICTORS.
 - A 10 FOOT MOW-STRIP OF SEEDING CLASS 2A (MOD) SHALL BE PLACED BEHIND CURB/SHOULDER ADJACENT TO AREAS OF SEEDING CLASS 4A AND SEEDING CLASS 4A (MOD).
 - HEAVY DUTY EROSION CONTROL BLANKET SHALL BE PLACED ON ALL SEEDED AREAS.
 - ALL PAVEMENT MARKINGS SHALL BE WET REFLECTIVE PREFORMED PLASTIC UNLESS OTHERWISE NOTED.

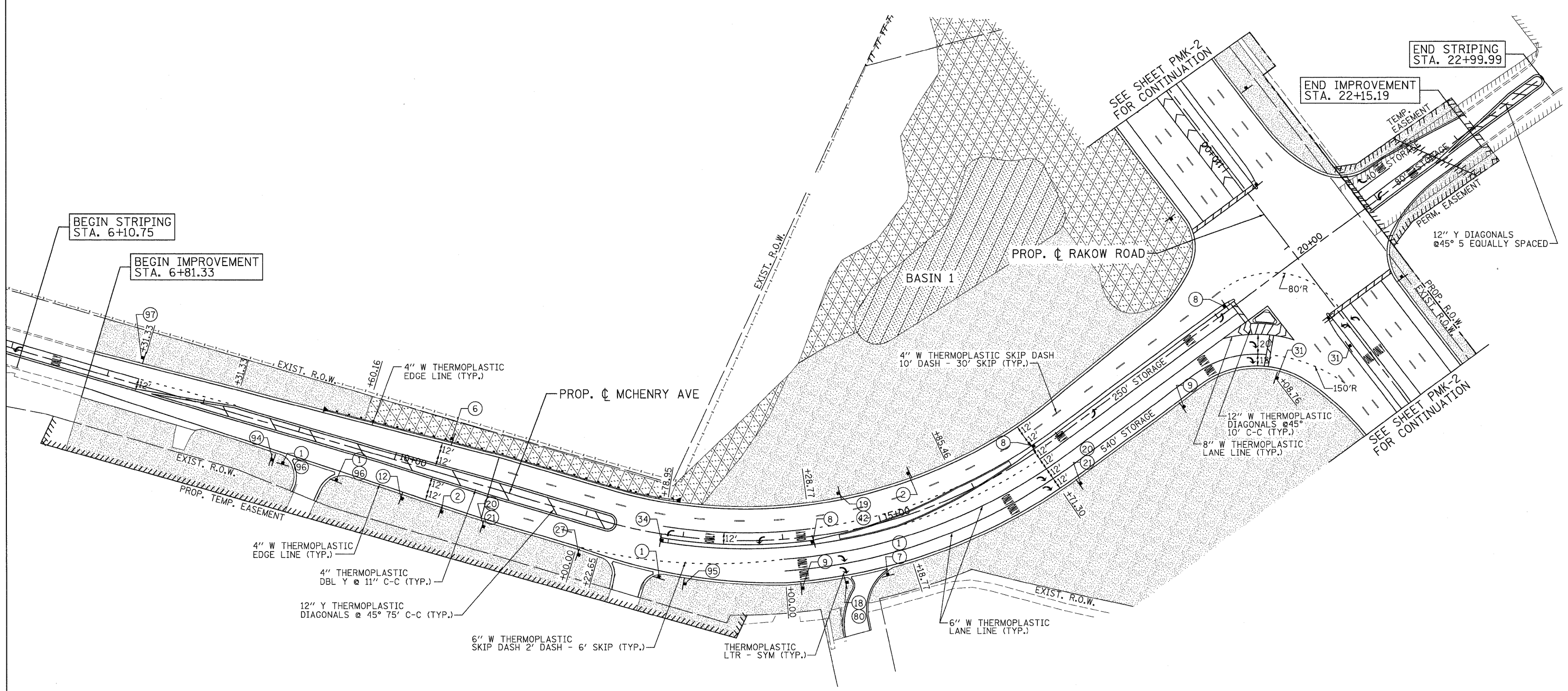
FERTILIZER NUTRIENTS	APPLICATION RATE (SEEDED AREAS)	APPLICATION RATE (SODDED AREAS)
NITROGEN	90 LB/ACRE	60 LB/ACRE
PHOSPHORUS	90 LB/ACRE	60 LB/ACRE
POTASSIUM	90 LB/ACRE	60 LB/ACRE

	SEEDING, CLASS 1 (MOD)		SEEDING, CLASS 2A (MOD)
	SEEDING CLASS 4		SEEDING CLASS 4A
	SEEDING, CLASS 4A (MOD)		SODDING, SALT TOLERANT



PATRICK ENGINEERING INC. LISLE, ILLINOIS	USER NAME = mpine(Rdky_Lisle)	DESIGNED - MJP	REVISED -		MCHENRY COUNTY DIVISION OF TRANSPORTATION	RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 ACKMAN ROAD PROPOSED PAVEMENT MARKING/LANDSCAPING PLAN	F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 275
	PLOT CONFIG = PDF(Grey_Large).plt	DRAWN - TCK	REVISED -				FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 63398		
	PLOT SCALE = 1/50	CHECKED - JAH	REVISED -			SCALE: 1"=50'	SHEET NO. PMK 8 OF 21	STA. 4+72.78 22 TO STA. 22+00			
	PLOT DATE = 9/23/2010	DATE - 8/2/2010	REVISED -								

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FERTILIZER NUTRIENTS	APPLICATION RATE (SEEDED AREAS)	APPLICATION RATE (SODDED AREAS)
NITROGEN	90 LB/ACRE	60 LB/ACRE
PHOSPHORUS	90 LB/ACRE	60 LB/ACRE
POTASSIUM	90 LB/ACRE	60 LB/ACRE

	SEEDING, CLASS 1 (MOD)		SEEDING, CLASS 2A (MOD)
	SEEDING CLASS 4		SEEDING CLASS 4A
	SEEDING, CLASS 4A (MOD)		SODDING, SALT TOLERANT

- NOTES:**
- SEEDING CLASS 4A SHALL BE USED AT DITCH/SWALE BOTTOMS FROM STA. 86+42.45 TO STA. 141+00.
 - SEEDING CLASS 4A (MOD) SHALL BE USED AT DITCH/SWALE BOTTOMS FROM STA. 141+00 TO STA. 248+17.62.
 - SEEDING CLASS 4 SHALL BE USED AT THE FIRST 10 FEET OF DITCH BOTTOM UPSTREAM OF DITCH CHECK RESTRICTORS.
 - A 10 FOOT MOW-STRIP OF SEEDING CLASS 2A (MOD) SHALL BE PLACED BEHIND CURB/SHOULDER ADJACENT TO AREAS OF SEEDING CLASS 4A AND SEEDING CLASS 4A (MOD).
 - HEAVY DUTY EROSION CONTROL BLANKET SHALL BE PLACED ON ALL SEEDED AREAS.
 - ALL PAVEMENT MARKINGS SHALL BE WET REFLECTIVE PREFORMED PLASTIC UNLESS OTHERWISE NOTED.



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 DRAWN - TCK
 CHECKED - JAH
 DATE - 8/2/2010

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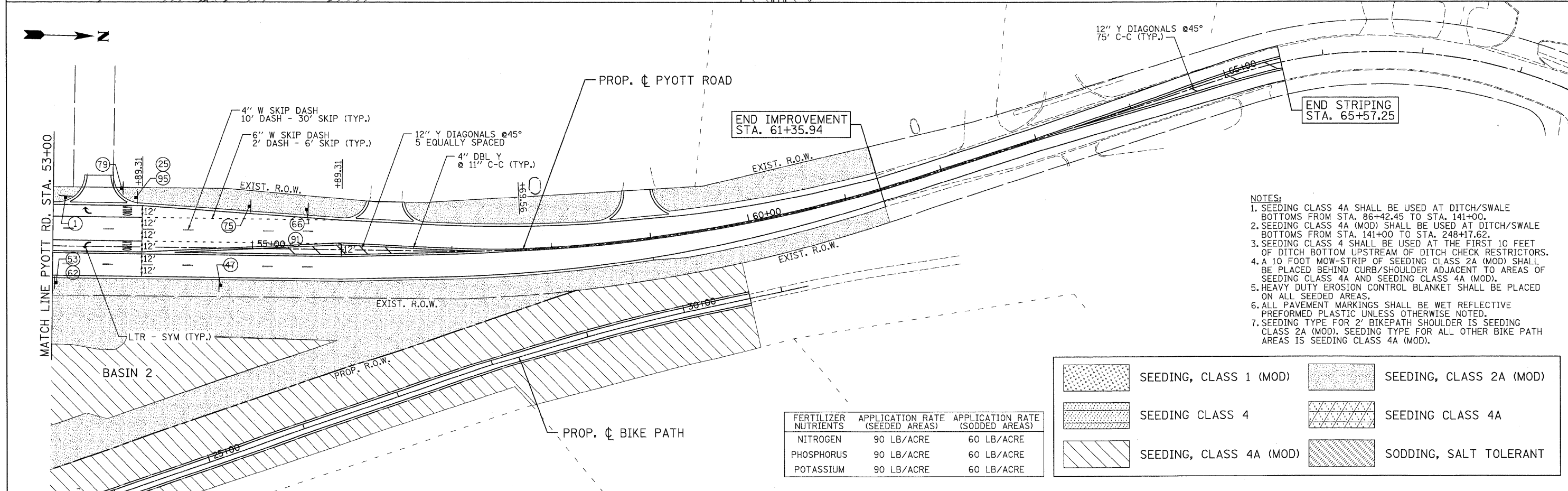
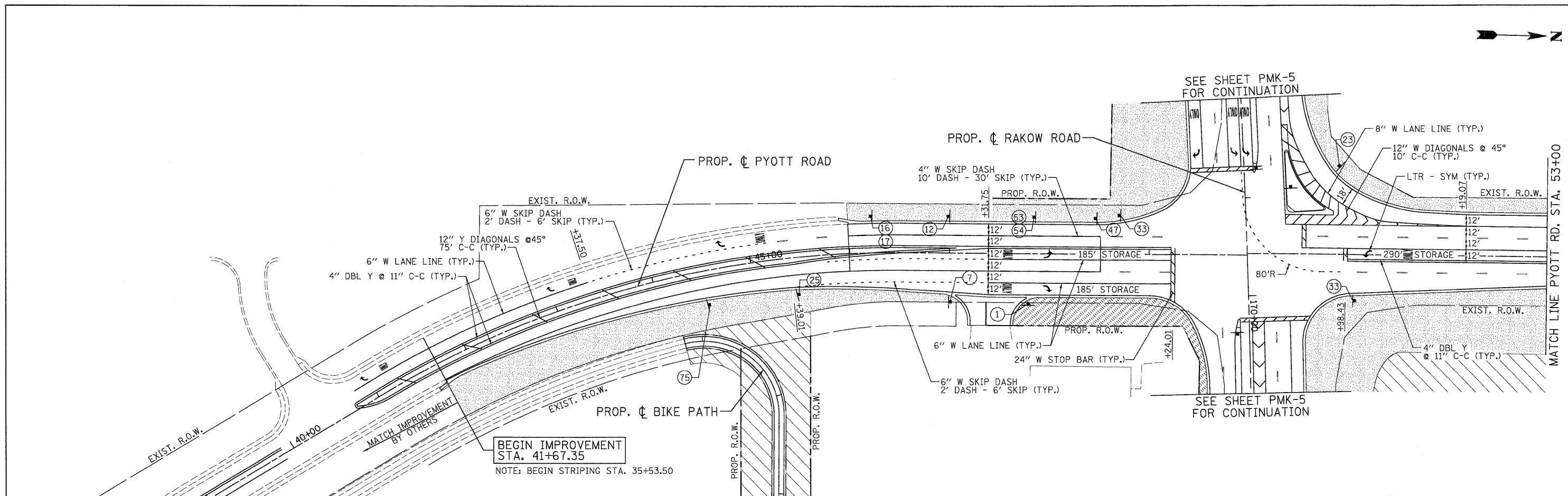
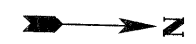


**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

**RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
 MCHENRY AVENUE PROPOSED PAVEMENT MARKING/LANDSCAPING PLAN**

SCALE: 1"=50' SHEET NO. PMK 9 OF 21 STA. 6+81.33 TO STA. 22+15.19

F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 276
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63398	



- NOTES:
- SEEDING CLASS 4A SHALL BE USED AT DITCH/SWALE BOTTOMS FROM STA. 86+42.45 TO STA. 141+00.
 - SEEDING CLASS 4A (MOD) SHALL BE USED AT DITCH/SWALE BOTTOMS FROM STA. 141+00 TO STA. 248+17.62.
 - SEEDING CLASS 4 SHALL BE USED AT THE FIRST 10 FEET OF DITCH BOTTOM UPSTREAM OF DITCH CHECK RESTRICTORS.
 - A 10 FOOT MOW-STRIP OF SEEDING CLASS 2A (MOD) SHALL BE PLACED BEHIND CURB/SHOULDER ADJACENT TO AREAS OF SEEDING CLASS 4A AND SEEDING CLASS 4A (MOD).
 - HEAVY DUTY EROSION CONTROL BLANKET SHALL BE PLACED ON ALL SEEDED AREAS.
 - ALL PAVEMENT MARKINGS SHALL BE WET REFLECTIVE PREFORMED PLASTIC UNLESS OTHERWISE NOTED.
 - SEEDING TYPE FOR 2' BIKEPATH SHOULDER IS SEEDING CLASS 2A (MOD). SEEDING TYPE FOR ALL OTHER BIKE PATH AREAS IS SEEDING CLASS 4A (MOD).

	SEEDING, CLASS 1 (MOD)		SEEDING, CLASS 2A (MOD)
	SEEDING CLASS 4		SEEDING CLASS 4A
	SEEDING, CLASS 4A (MOD)		SODDING, SALT TOLERANT

FERTILIZER NUTRIENTS	APPLICATION RATE (SEEDED AREAS)	APPLICATION RATE (SODDED AREAS)
NITROGEN	90 LB/ACRE	60 LB/ACRE
PHOSPHORUS	90 LB/ACRE	60 LB/ACRE
POTASSIUM	90 LB/ACRE	60 LB/ACRE



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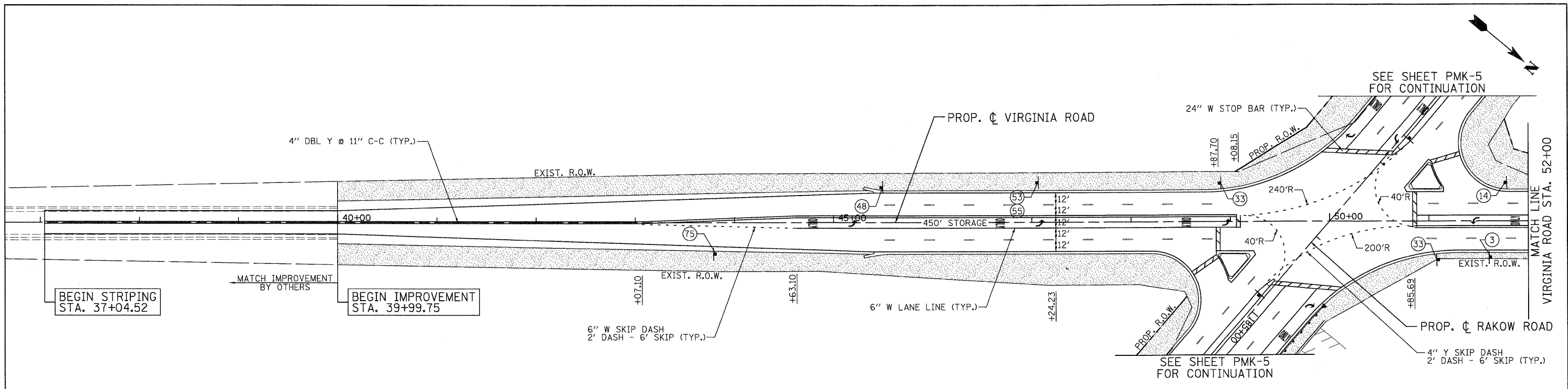
DESIGNED - MJP
 DRAWN - TCK
 CHECKED - JAH
 DATE - 8/2/2010



MCHENRY COUNTY
DIVISION OF TRANSPORTATION

RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
PYOTT ROAD PROPOSED PAVEMENT MARKING/LANDSCAPING PLAN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0336	05-00308-00-WR	MCHENRY	606	277
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 63398		



BEGIN STRIPING
STA. 37+04.52

BEGIN IMPROVEMENT
STA. 39+99.75

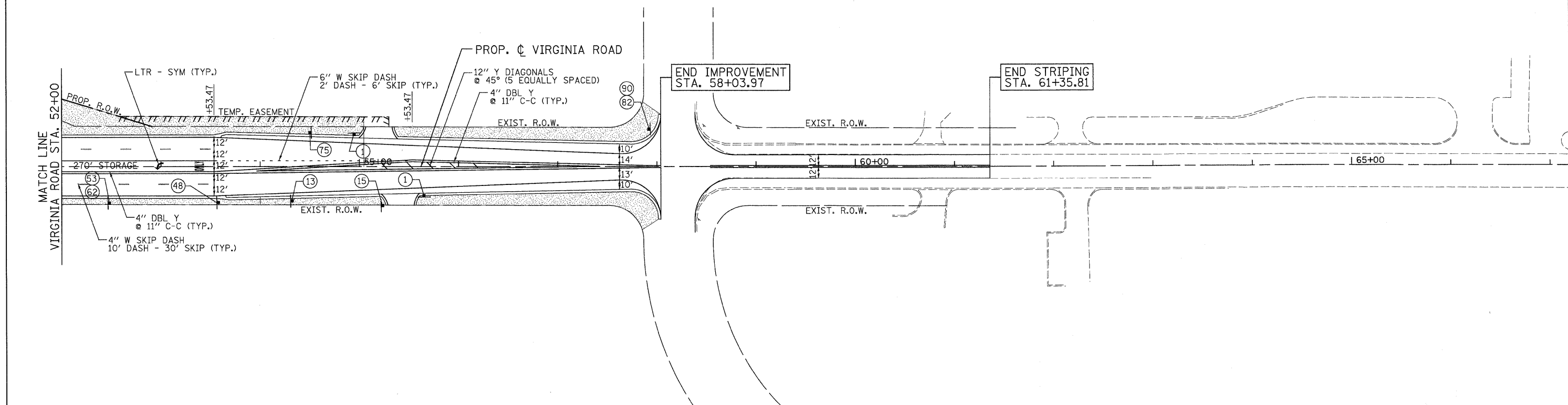
END IMPROVEMENT
STA. 58+03.97

END STRIPING
STA. 61+35.81

	SEEDING, CLASS 1 (MOD)		SEEDING, CLASS 2A (MOD)
	SEEDING CLASS 4		SEEDING CLASS 4A
	SEEDING, CLASS 4A (MOD)		SODDING, SALT TOLERANT

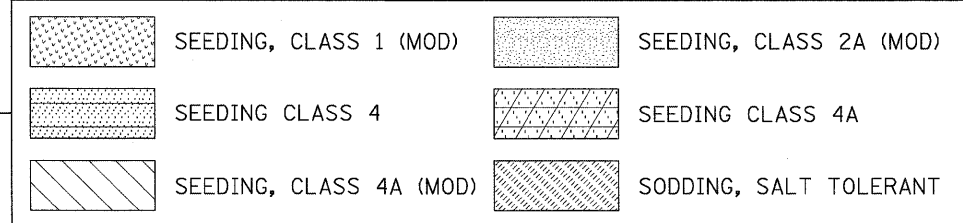
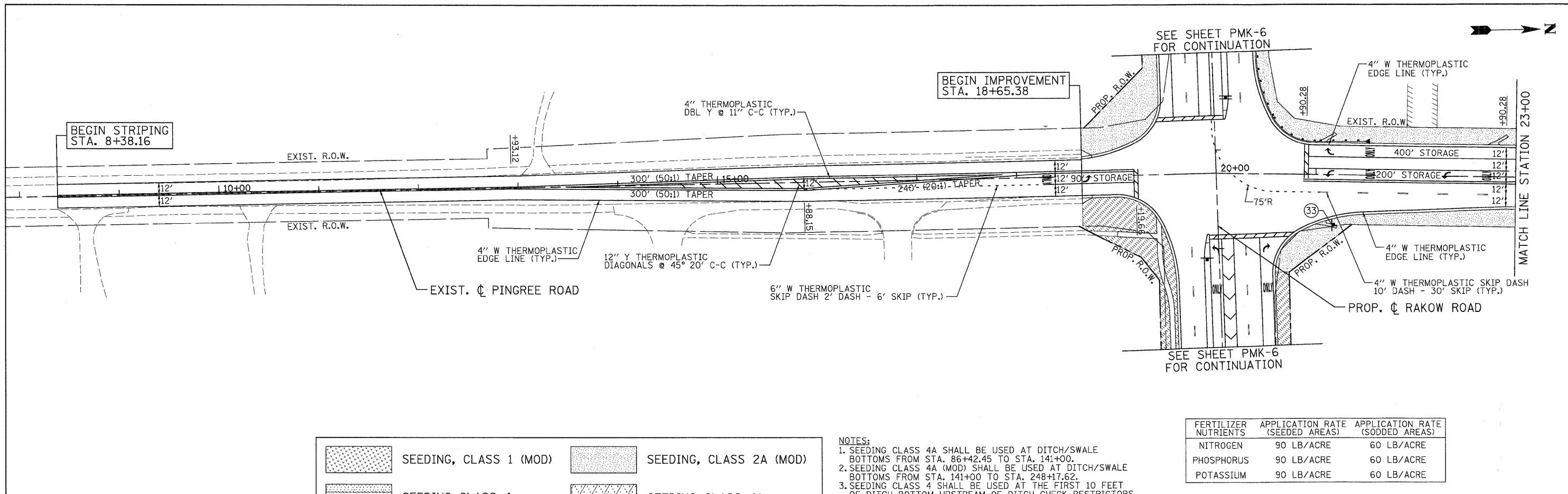
- NOTES:
- SEEDING CLASS 4A SHALL BE USED AT DITCH/SWALE BOTTOMS FROM STA. 86+42.45 TO STA. 141+00.
 - SEEDING CLASS 4A (MOD) SHALL BE USED AT DITCH/SWALE BOTTOMS FROM STA. 141+00 TO STA. 248+17.62.
 - SEEDING CLASS 4 SHALL BE USED AT THE FIRST 10 FEET OF DITCH BOTTOM UPSTREAM OF DITCH CHECK RESTRICTORS.
 - A 10 FOOT MOW-STRIP OF SEEDING CLASS 2A (MOD) SHALL BE PLACED BEHIND CURB/SHOULDER ADJACENT TO AREAS OF SEEDING CLASS 4A AND SEEDING CLASS 4A (MOD).
 - HEAVY DUTY EROSION CONTROL BLANKET SHALL BE PLACED ON ALL SEEDED AREAS.
 - ALL PAVEMENT MARKINGS SHALL BE WET REFLECTIVE PREFORMED PLASTIC UNLESS OTHERWISE NOTED.

FERTILIZER NUTRIENTS	APPLICATION RATE (SEEDED AREAS)	APPLICATION RATE (SODDED AREAS)
NITROGEN	90 LB/ACRE	60 LB/ACRE
PHOSPHORUS	90 LB/ACRE	60 LB/ACRE
POTASSIUM	90 LB/ACRE	60 LB/ACRE



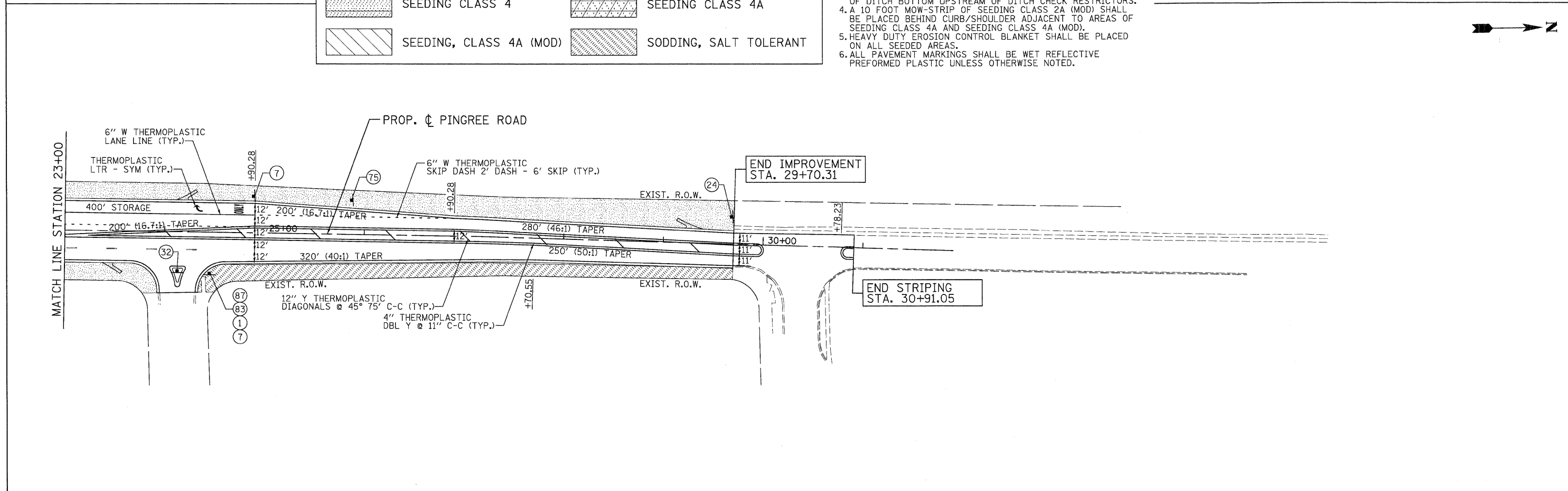
<p>PATRICK ENGINEERING INC. LISLE, ILLINOIS</p>	USER NAME = Rdwj.Lisle PLOT CONFIG = PDF(Grey, Large).plt PLOT SCALE = 1:50 PLOT DATE = 7/29/2010	DESIGNED - MJP DRAWN - TCK CHECKED - JAH DATE - 8/2/2010	REVISED - REVISED - REVISED - REVISED -	<p>MCHENRY COUNTY DIVISION OF TRANSPORTATION</p>	<p>RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 VIRGINIA ROAD PROPOSED PAVEMENT MARKING/LANDSCAPING PLAN</p>		F.A.P. RTE. 0336 SECTION 05-00308-00-WR COUNTY MCHENRY TOTAL SHEETS 606 SHEET NO. 278 CONTRACT NO. 63398
	SCALE: 1"=50' SHEET NO. PMK 11 OF 21 STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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- NOTES:**
- SEEDING CLASS 4A SHALL BE USED AT DITCH/SWALE BOTTOMS FROM STA. 86+42.45 TO STA. 141+00.
 - SEEDING CLASS 4A (MOD) SHALL BE USED AT DITCH/SWALE BOTTOMS FROM STA. 141+00 TO STA. 248+17.62.
 - SEEDING CLASS 4 SHALL BE USED AT THE FIRST 10 FEET OF DITCH BOTTOM UPSTREAM OF DITCH CHECK RESTRICTORS.
 - A 10 FOOT MOW-STRIP OF SEEDING CLASS 2A (MOD) SHALL BE PLACED BEHIND CURB/SHOULDER ADJACENT TO AREAS OF SEEDING CLASS 4A AND SEEDING CLASS 4A (MOD).
 - HEAVY DUTY EROSION CONTROL BLANKET SHALL BE PLACED ON ALL SEEDED AREAS.
 - ALL PAVEMENT MARKINGS SHALL BE WET REFLECTIVE PREFORMED PLASTIC UNLESS OTHERWISE NOTED.

FERTILIZER NUTRIENTS	APPLICATION RATE (SEEDED AREAS)	APPLICATION RATE (SODDED AREAS)
NITROGEN	90 LB/ACRE	60 LB/ACRE
PHOSPHORUS	90 LB/ACRE	60 LB/ACRE
POTASSIUM	90 LB/ACRE	60 LB/ACRE

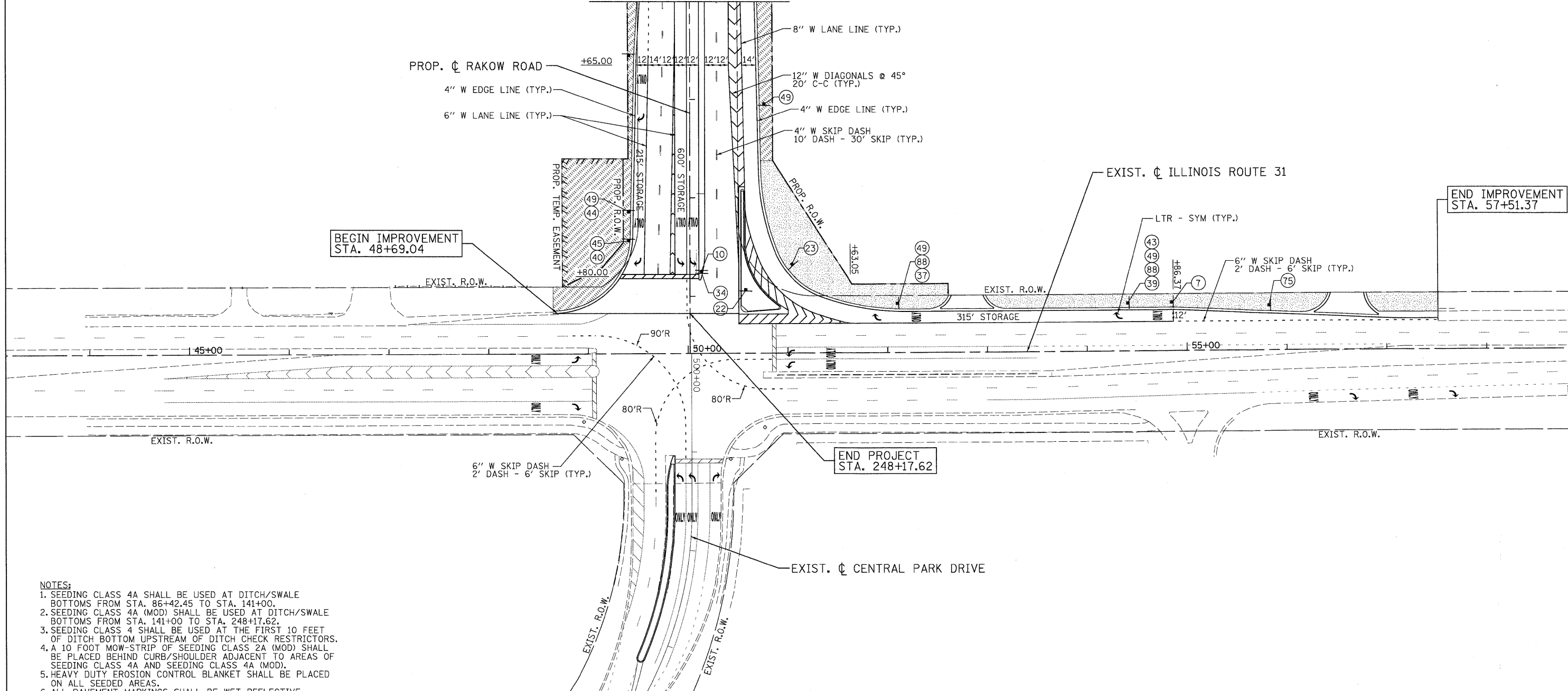


	USER NAME = Rdwj.Lisle	DESIGNED - MJP	REVISED -		MCHENRY COUNTY DIVISION OF TRANSPORTATION	RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 PINGREE ROAD PROPOSED PAVEMENT MARKING/LANDSCAPING PLAN	F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 279
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	PLOT DATE = 7/29/2010	DATE - 8/2/2010	REVISED -								

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SEE SHEET PMK-7
FOR CONTINUATION



- NOTES:**
- SEEDING CLASS 4A SHALL BE USED AT DITCH/SWALE BOTTOMS FROM STA. 86+42.45 TO STA. 141+00.
 - SEEDING CLASS 4A (MOD) SHALL BE USED AT DITCH/SWALE BOTTOMS FROM STA. 141+00 TO STA. 248+17.62.
 - SEEDING CLASS 4 SHALL BE USED AT THE FIRST 10 FEET OF DITCH BOTTOM UPSTREAM OF DITCH CHECK RESTRICTORS.
 - A 10 FOOT MOW-STRIP OF SEEDING CLASS 2A (MOD) SHALL BE PLACED BEHIND CURB/SHOULDER ADJACENT TO AREAS OF SEEDING CLASS 4A AND SEEDING CLASS 4A (MOD).
 - HEAVY DUTY EROSION CONTROL BLANKET SHALL BE PLACED ON ALL SEEDED AREAS.
 - ALL PAVEMENT MARKINGS SHALL BE WET REFLECTIVE PREFORMED PLASTIC UNLESS OTHERWISE NOTED.

	SEEDING, CLASS 1 (MOD)		SEEDING, CLASS 2A (MOD)
	SEEDING CLASS 4		SEEDING CLASS 4A
	SEEDING, CLASS 4A (MOD)		SODDING, SALT TOLERANT

FERTILIZER NUTRIENTS	APPLICATION RATE (SEEDED AREAS)	APPLICATION RATE (SODDED AREAS)
NITROGEN	90 LB/ACRE	60 LB/ACRE
PHOSPHORUS	90 LB/ACRE	60 LB/ACRE
POTASSIUM	90 LB/ACRE	60 LB/ACRE



USER NAME = Rdwy_Lisle
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 PLOT SCALE = 1:50
 PLOT DATE = 7/29/2010

DESIGNED - MJP
 DRAWN - TCK
 CHECKED - JAH
 DATE - 8/2/2010

REVISED -
 REVISED -
 REVISED -
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**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
ILLINOIS ROUTE 31 PROPOSED PAVEMENT MARKING/LANDSCAPING PLAN**

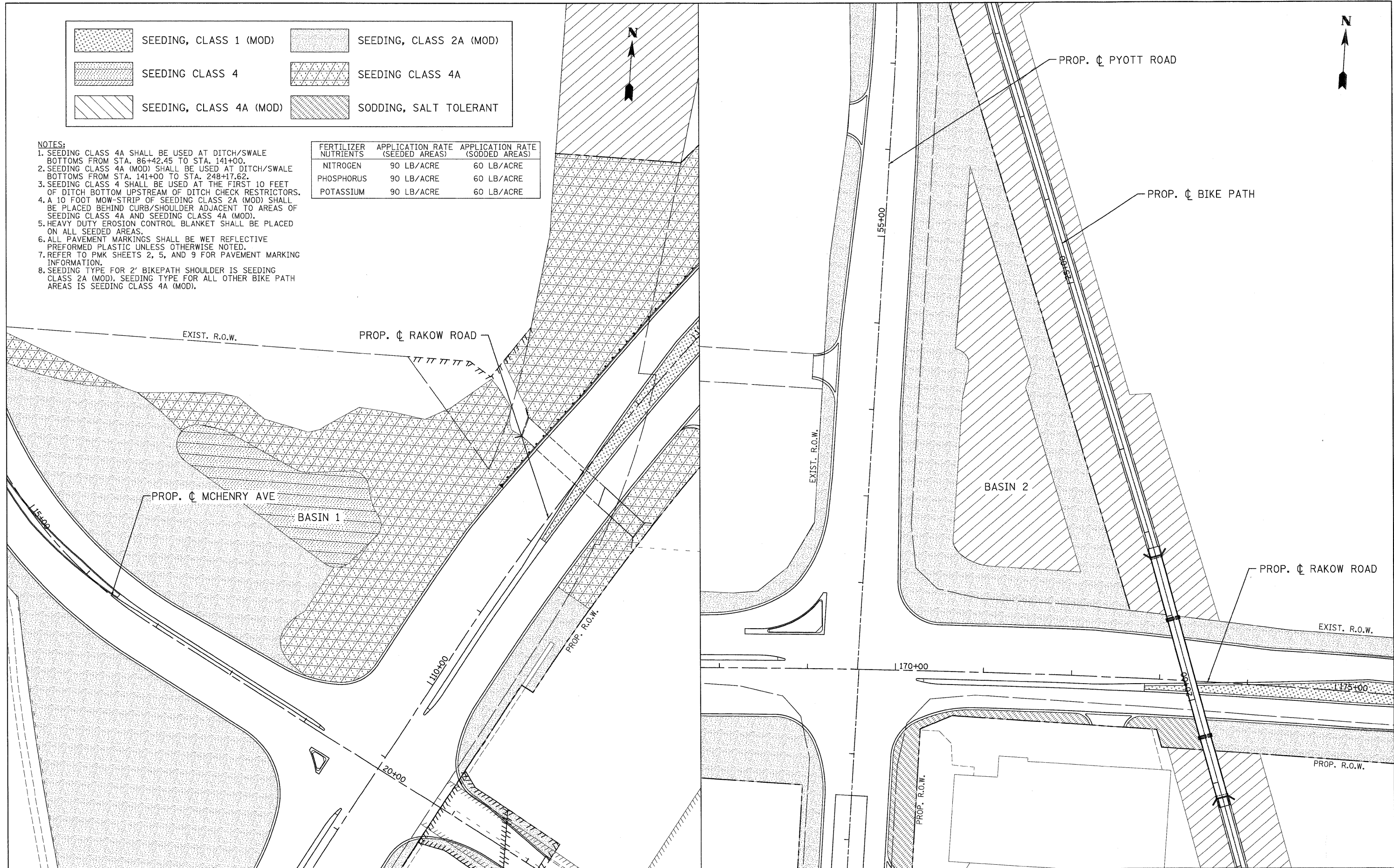
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 SHEET NO. PMK 13 OF 21
 STA. TO STA.

F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 280
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
CONTRACT NO. 63398				

	SEEDING, CLASS 1 (MOD)		SEEDING, CLASS 2A (MOD)
	SEEDING CLASS 4		SEEDING CLASS 4A
	SEEDING, CLASS 4A (MOD)		SODDING, SALT TOLERANT

- NOTES:**
- SEEDING CLASS 4A SHALL BE USED AT DITCH/SWALE BOTTOMS FROM STA. 86+42.45 TO STA. 141+00.
 - SEEDING CLASS 4A (MOD) SHALL BE USED AT DITCH/SWALE BOTTOMS FROM STA. 141+00 TO STA. 248+17.62.
 - SEEDING CLASS 4 SHALL BE USED AT THE FIRST 10 FEET OF DITCH BOTTOM UPSTREAM OF DITCH CHECK RESTRICTORS.
 - A 10 FOOT MOW-STRIP OF SEEDING CLASS 2A (MOD) SHALL BE PLACED BEHIND CURB/SHOULDER ADJACENT TO AREAS OF SEEDING CLASS 4A AND SEEDING CLASS 4A (MOD).
 - HEAVY DUTY EROSION CONTROL BLANKET SHALL BE PLACED ON ALL SEEDED AREAS.
 - ALL PAVEMENT MARKINGS SHALL BE WET REFLECTIVE PREFORMED PLASTIC UNLESS OTHERWISE NOTED.
 - REFER TO PMK SHEETS 2, 5, AND 9 FOR PAVEMENT MARKING INFORMATION.
 - SEEDING TYPE FOR 2' BIKEPATH SHOULDER IS SEEDING CLASS 2A (MOD). SEEDING TYPE FOR ALL OTHER BIKE PATH AREAS IS SEEDING CLASS 4A (MOD).

FERTILIZER NUTRIENTS	APPLICATION RATE (SEEDED AREAS)	APPLICATION RATE (SODDED AREAS)
NITROGEN	90 LB/ACRE	60 LB/ACRE
PHOSPHORUS	90 LB/ACRE	60 LB/ACRE
POTASSIUM	90 LB/ACRE	60 LB/ACRE



USER NAME = Rdwy_Lisle
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 PLOT DATE = 7/29/2010

DESIGNED - MJP
 DRAWN - TCK
 CHECKED - JAH
 DATE - 8/2/2010



**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

**RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
 RAKOW ROAD PROPOSED PAVEMENT MARKING/LANDSCAPING PLAN**

SCALE: 1"=50' SHEET NO. PMK 14 OF 21 STA. TO STA.

F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 281
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 63398				

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1 R1-1
30" X 30"



2 R2-1
24" X 30"



3 R2-1
24" X 30"



4 R2-1
24" X 30"



5 R2-1
24" X 30"



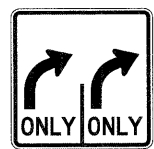
6 S5-1
24" X 48"



7 R3-5R
30" X 36"



8 R3-5L
30" X 36"



9 CUSTOM
30" X 30"



10 CUSTOM
30" X 30"



11 R3-7L
30" X 30"



12 R3-7R
30" X 30"



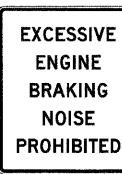
13 R4-6
24" X 30"



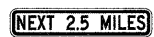
14 R4-6
24" X 30"



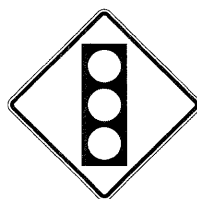
15 CUSTOM
24" X 30"



16 CUSTOM
30" X 36"



17 CUSTOM
30" X 6"



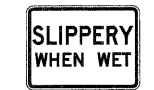
18 W3-3
30" X 30"



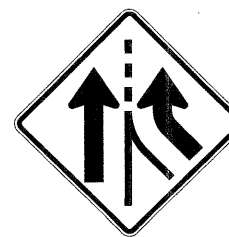
19 S1-1
30" X 30"



20 W8-5
30" X 30"



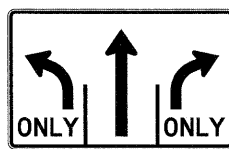
21 CUSTOM
24" X 18"



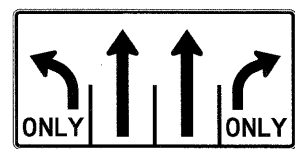
22 W4-3
36" X 36"



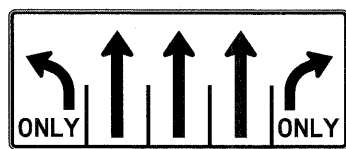
23 W4-6R
36" X 36"



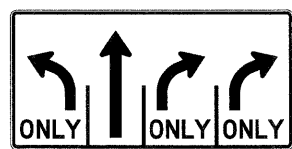
24 R3-8B
48" X 30"



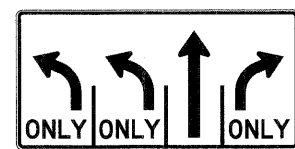
25 R3-8B
60" X 30"



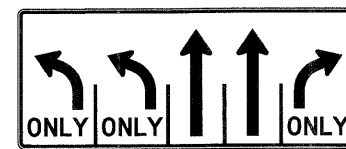
26 R3-8B
72" X 30"



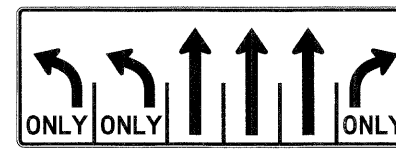
27 R3-8B
60" X 30"



28 R3-8B
60" X 30"



29 R3-8B
72" X 30"



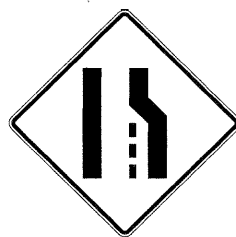
30 R3-8B
84" X 30"



31 R-10-11d
24" X 30"



32 R3-2
24" X 24"



33 W4-2R
36" X 36"



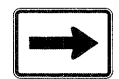
34 R4-7
24" X 30"



35 W1-4L
30" X 30"



36 M6-1
21" X 15"



37 M6-1
21" X 15"



38 M5-1
21" X 15"



39 M5-1
21" X 15"



40 M6-4
21" X 15"



41 CUSTOM
24" X 32"



42 CUSTOM
24" X 9"



43 M2-1
21" X 15"



44 M4-6
24" X 12"



45 M1-1100
24" X 24"



46 M1-6
24" X 24"



47 M1-6
24" X 24"



48 M1-6
24" X 24"



49 M1-6
24" X 24"



50 M1-6
24" X 24"



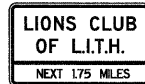
51 CUSTOM
36" X 9"



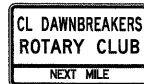
52 CUSTOM
36" X 9"



53
CUSTOM
30" X 36"



54
CUSTOM
30" X 18"



55
CUSTOM
30" X 18"



56
CUSTOM
30" X 18"



57
CUSTOM
30" X 18"



58
CUSTOM
30" X 18"



59
CUSTOM
30" X 18"



60
CUSTOM
30" X 18"



61
CUSTOM
30" X 18"



62
CUSTOM
30" X 18"



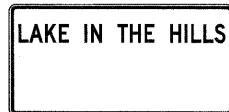
63
W11-1
30" X 30"



64
W16-1
18" X 24"



65
CUSTOM
30" X 30"



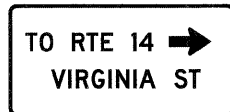
66
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48" X 18"



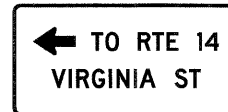
67
CUSTOM
24" X 24"



68
CUSTOM
24" X 24"



69
CUSTOM
48" X 24"



70
CUSTOM
48" X 24"



71
CUSTOM
72" X 18"



72
CUSTOM
72" X 18"



73
CUSTOM
72" X 18"



74
CUSTOM
60" X 18"



75
CUSTOM
60" X 18"



76
CUSTOM
72" X 18"



77
CUSTOM
60" X 18"



78
CUSTOM
72" X 18"



79
CUSTOM
60" X 18"



80
CUSTOM
78" X 30"



81
CUSTOM
24" X 6"



82
CUSTOM
24" X 6"



83
CUSTOM
24" X 6"



84
CUSTOM
24" X 6"



85
CUSTOM
24" X 6"



86
CUSTOM
24" X 6"



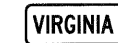
87
CUSTOM
24" X 6"



88
CUSTOM
24" X 6"



89
CUSTOM
24" X 6"



90
CUSTOM
24" X 6"



91
CUSTOM
18" X 24"



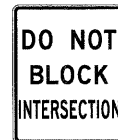
92
CUSTOM
18" X 24"



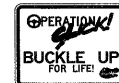
93
CUSTOM
18" X 24"



94
CUSTOM
18" X 24"



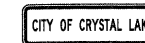
95
CUSTOM
24" X 30"



96
CUSTOM
24" X 18"



97
CUSTOM
24" X 36"



98
CUSTOM
30" X 9"



USER NAME = Rdwy_Lisle
PLOT CONFIG = PDF(Grey_Large).plt
PLOT SCALE = 1:50
PLOT DATE = 7/29/2010
DESIGNED - MJP
DRAWN - TCK
CHECKED - JAH
DATE - 8/2/2010
REVISED -
REVISED -
REVISED -
REVISED -

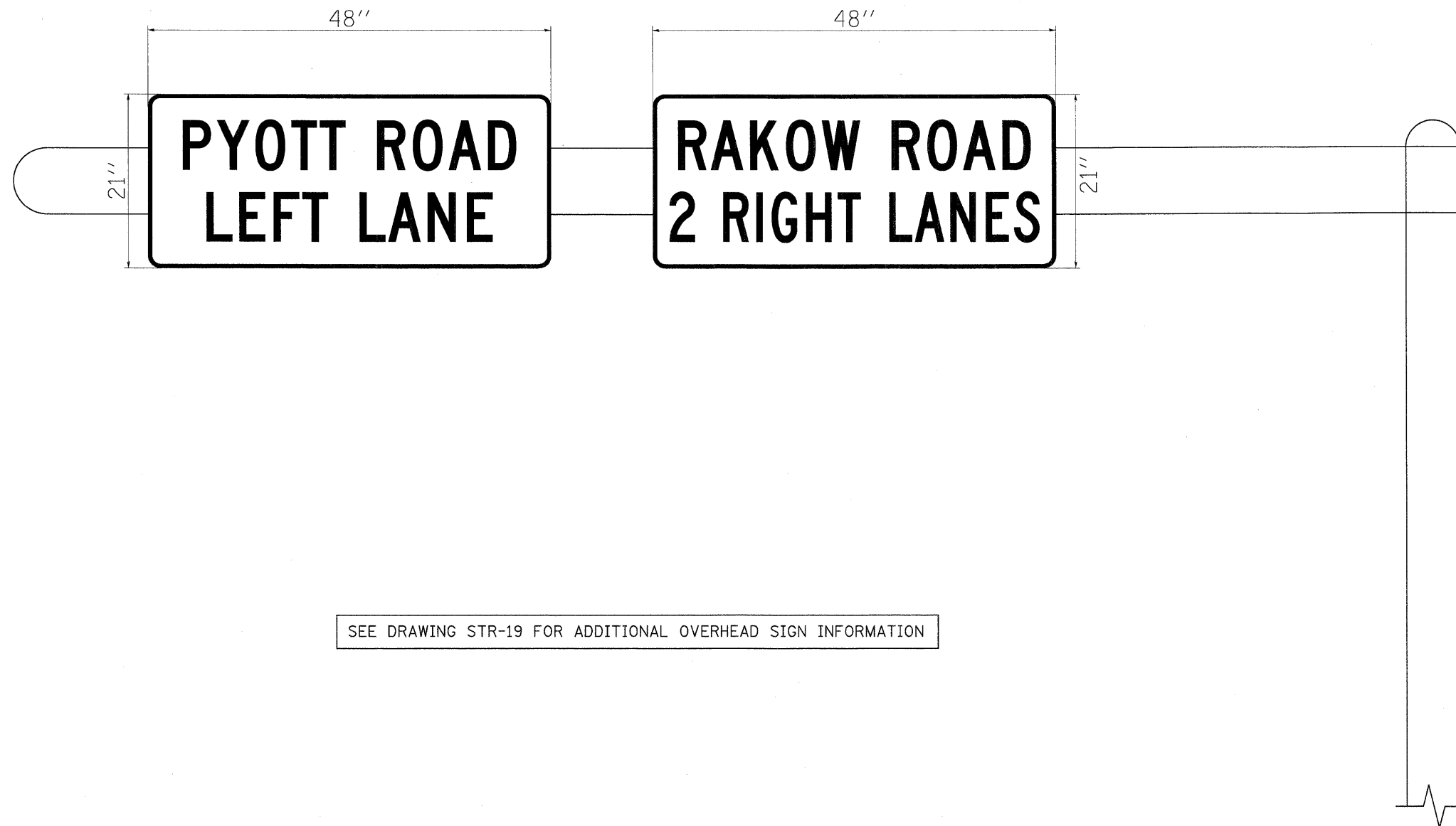


MCHENRY COUNTY
DIVISION OF TRANSPORTATION

RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
PROPOSED SIGNING LEGEND

SCALE: 1"=50' SHEET NO. PMK 16 OF 21

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0336	05-00308-00-WR	MCHENRY	606	283
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 63398		



SEE DRAWING STR-19 FOR ADDITIONAL OVERHEAD SIGN INFORMATION

PATRICK ENGINEERING INC. Lisle, Illinois	USER NAME = Rdwy_Lisle	DESIGNED -	REVISED -	MCHENRY COUNTY DIVISION OF TRANSPORTATION	RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 PROPOSED OVERHEAD SIGN EB RAKOW ROAD - WEST OF PYOTT		F.A.P. RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT CONFIG = PDF(Grey_Large).plt	DRAWN -	REVISED -				0336	05-00308-00-WR	MCHENRY	606	284
	PLOT SCALE = 1:50	CHECKED -	REVISED -				CONTRACT NO. 63398				
	PLOT DATE = 7/29/2010	DATE - 8/2/2010	REVISED -				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
SCALE: 1"=50' SHEET NO. PMK 17 OF 21											

Q:\MCDOT\28550_2011\Drawings\RDHW\shhs\Strp\VS.Strp.15.Signing_Layout.dgn

SIGNING SCHEDULE										
SIGN INFORMATION					NEW SIGN PANELS		NEW SIGN PANELS		METAL POST	CAST IRON BASE
STATION	LOCATION	OFFSET LT RT	SIGN NUMBER	WIDTH (FT)	HEIGHT (FT)	(72000105)	(72000205)	(72800105)	(73100110)	
						SIGN PANEL	SIGN PANEL	TELESCOPING STEEL	BASE FOR TELESCOPING	
						TYPE 1, SPECIAL (SQ. FT.)	TYPE 2, SPECIAL (SQ. FT.)	SIGN SUPPORT, SPECIAL (L.F.)	SIGN SUPPORT, SPECIAL (EACH)	
77+99	RAKOW ROAD	LT	7	2.50	3.00	7.50		11	1	
89+06	RAKOW ROAD	LT	7	2.50	3.00	7.50		11	1	
91+98	RAKOW ROAD	RT	30	7.00	2.50		17.50	11.5	1	
92+19	RAKOW ROAD	LT	12	2.50	2.50	6.25		11.5	1	
92+96	RAKOW ROAD	RT	71	6.00	1.50	9.00		9.5	1	
93+79	RAKOW ROAD	RT	43	1.75	1.25	2.19		13.5	1	
93+79	RAKOW ROAD	RT	50	2.00	2.00	4.00				
93+79	RAKOW ROAD	RT	51	3.00	0.75	2.25				
93+79	RAKOW ROAD	RT	38	1.75	1.25	2.19				
95+28	RAKOW ROAD	LT	10	2.50	2.50	6.25		10.5	1	
96+98	RAKOW ROAD	RT	7	2.50	3.00	7.50		11	1	
97+12	RAKOW ROAD	LT	12	2.50	2.50	6.25		10.5	1	
98+38	RAKOW ROAD	LT	46	2.00	2.00	4.00		10	1	
98+84	RAKOW ROAD	RT	50	2.00	2.00	4.00		12	1	
98+84	RAKOW ROAD	RT	51	3.00	0.75	2.25				
98+84	RAKOW ROAD	RT	36	1.75	1.25	2.19				
99+10	RAKOW ROAD	LT	4	2.00	2.50	5.00		10.5	1	
99+25	RAKOW ROAD	LT	10	2.50	2.50	6.25		10.5	1	
99+25	RAKOW ROAD	LT	34	2.00	2.50	5.00				
100+90	RAKOW ROAD	RT	34	2.00	2.50	5.00		10.5	1	
101+00	RAKOW ROAD	LT	50	2.00	2.00	4.00		12	1	
101+00	RAKOW ROAD	LT	51	3.00	0.75	2.25				
101+00	RAKOW ROAD	LT	37	1.75	1.25	2.19				
102+31	RAKOW ROAD	RT	8	2.50	3.00	7.50		11	1	
102+34	RAKOW ROAD	RT	30	7.00	2.50		17.50	10.5	1	
104+07	RAKOW ROAD	RT	53	2.50	3.00	7.50		12.5	1	
104+07	RAKOW ROAD	RT	59	2.50	1.50	3.75				
104+26	RAKOW ROAD	LT	10	2.50	2.50	6.25		10.5	1	
105+06	RAKOW ROAD	RT	72	6.00	1.50	9.00		9.5	1	
105+31	RAKOW ROAD	LT	43	1.75	1.25	2.19		13.25	1	
105+31	RAKOW ROAD	LT	50	2.00	2.00	4.00				
105+31	RAKOW ROAD	LT	51	3.00	0.75	2.25				
105+31	RAKOW ROAD	LT	39	1.75	1.25	2.19				
105+98	RAKOW ROAD	LT	71	6.00	1.50	9.00		9.5	1	
106+15	RAKOW ROAD	LT	53	2.50	3.00	7.50		12.5	1	
106+15	RAKOW ROAD	LT	59	2.50	1.50	3.75				
106+17	RAKOW ROAD	RT	7	2.50	3.00	7.50		11	1	
106+88	RAKOW ROAD	LT	26	6.00	2.50		15.00	10.5	1	
107+82	RAKOW ROAD	LT	31	2.00	2.50	5.00		10.5	1	
108+06	RAKOW ROAD	RT	70	4.00	2.00	8.00		10	1	
108+16	RAKOW ROAD	LT	10	2.50	2.50	6.25		10.5	1	
108+16	RAKOW ROAD	LT	34	2.00	2.50	5.00				
109+68	RAKOW ROAD	RT	34	2.00	2.50	5.00		10.5	1	
109+95	RAKOW ROAD	LT	69	4.00	2.00	8.00		10	1	
110+53	RAKOW ROAD	RT	63	2.50	2.50	6.25		12.5	1	
110+53	RAKOW ROAD	RT	64	1.50	2.00	3.00				
111+69	RAKOW ROAD	RT	8	2.50	3.00	7.50		11	1	
111+70	RAKOW ROAD	LT	7	2.50	3.00	7.50		11	1	
113+19	RAKOW ROAD	LT	72	6.00	1.50	9.00		9.5	1	
114+68	RAKOW ROAD	RT	4	2.00	2.50	5.00		10.5	1	
114+82	RAKOW ROAD	LT	26	6.00	2.50		15.00	10.5	1	
116+55	RAKOW ROAD	RT	53	2.50	3.00	7.50		12.5	1	
116+55	RAKOW ROAD	RT	58	2.50	1.50	3.75				
117+32	RAKOW ROAD	RT	49	2.00	2.00	4.00		10	1	
134+82	RAKOW ROAD	RT	4	2.00	2.50	5.00		10.5	1	
135+61	RAKOW ROAD	LT	4	2.00	2.50	5.00		10.5	1	
141+26	RAKOW ROAD	RT	63	2.50	2.50	6.25		12.5	1	
141+26	RAKOW ROAD	RT	64	1.50	2.00	3.00				
141+31	RAKOW ROAD	LT	63	2.50	2.50	6.25		12.5	1	
141+31	RAKOW ROAD	LT	64	1.50	2.00	3.00				
154+59	RAKOW ROAD	RT	4	2.00	2.50	5.00		10.5	1	
155+48	RAKOW ROAD	LT	11	2.50	2.50	6.25		10.5	1	
156+06	RAKOW ROAD	RT	4	2.00	2.50	5.00		10.5	1	
159+49	RAKOW ROAD	LT	11	2.50	2.50	6.25		10.5	1	
162+74	RAKOW ROAD	RT	29	6.00	2.50		15.00	10.5	1	
163+45	RAKOW ROAD	LT	63	2.50	2.50	6.25		12.5	1	
163+45	RAKOW ROAD	LT	64	1.50	2.00	3.00				
163+83	RAKOW ROAD	RT	74	5.00	1.50	7.50		9.5	1	
164+68	RAKOW ROAD	RT	7	2.50	3.00	7.50		11	1	
164+72	RAKOW ROAD	LT	10	2.50	2.50	6.25		10.5	1	
166+50	RAKOW ROAD	LT	53	2.50	3.00	7.50		12.5	1	
166+50	RAKOW ROAD	LT	58	2.50	1.50	3.75				
SUB TOTALS						358.88	80.00	569.75	52	



USER NAME = Rdwj.Lisle
 PLOT CONFIG = PDF(Grey, Large).plt
 PLOT SCALE = 1:500
 PLOT DATE = 7/29/2010

DESIGNED - EJB
 DRAWN - TCK
 CHECKED - JAH
 DATE - 8/2/2010



MCHENRY COUNTY
DIVISION OF TRANSPORTATION

RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
PROPOSED SIGNING SCHEDULE

SCALE: 1"=50'
 SHEET NO. PMK 18 OF 21

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0336	05-00308-00-WR	MCHENRY	606	285
CONTRACT NO. 63398				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SIGNING SCHEDULE									
SIGN INFORMATION						NEW SIGN PANELS	NEW SIGN PANELS	METAL POST	CAST IRON BASE
STATION	LOCATION	OFFSET	SIGN NUMBER	WIDTH (FT)	HEIGHT (FT)	(72000105)	(72000205)	(72800105)	(73100110)
		LT RT				SIGN PANEL TYPE 1, SPECIAL (SQ. FT.)	SIGN PANEL TYPE 2, SPECIAL (SQ. FT.)	TELESCOPING STEEL SIGN SUPPORT, SPECIAL (L.F.)	BASE FOR TELESCOPING SIGN SUPPORT, SPECIAL (EACH)
166+55	RAKOW ROAD	RT	68	2.00	2.00	4.00		10	1
167+55	RAKOW ROAD	LT	49	2.00	2.00	4.00		10	1
168+70	RAKOW ROAD	LT	10	2.50	2.50	6.25		10.5	1
168+70	RAKOW ROAD	LT	34	2.00	2.50	5.00			
168+92	RAKOW ROAD	LT	22	3.00	3.00	9.00		11	1
170+38	RAKOW ROAD	RT	34	2.00	2.50	5.00		10.5	1
171+22	RAKOW ROAD	LT	67	2.00	2.00	4.00		10	1
172+23	RAKOW ROAD	RT	8	2.50	3.00	7.50		11	1
172+24	RAKOW ROAD	LT	7	2.50	3.00	7.50		11	1
173+74	RAKOW ROAD	LT	74	5.00	1.50	7.50		9.5	1
173+80	RAKOW ROAD	RT	63	2.50	2.50	6.25		12.5	1
173+80	RAKOW ROAD	RT	64	1.50	2.00	3.00			
175+50	RAKOW ROAD	LT	25	5.00	2.50		12.50	10.5	1
176+60	RAKOW ROAD	RT	49	2.00	2.00	4.00		10	1
177+27	RAKOW ROAD	LT	4	2.00	2.50	5.00		10.5	1
177+80	RAKOW ROAD	RT	4	2.00	2.50	5.00		10.5	1
178+64	RAKOW ROAD	RT	25	5.00	2.50		12.50	10.5	1
179+43	RAKOW ROAD	LT	63	2.50	2.50	6.25		12.5	1
179+43	RAKOW ROAD	LT	64	1.50	2.00	3.00			
180+11	RAKOW ROAD	RT	76	6.00	1.50	9.00		9.5	1
180+58	RAKOW ROAD	RT	7	2.50	3.00	7.50		11	1
180+61	RAKOW ROAD	LT	8	2.50	3.00	7.50		11	1
181+12	RAKOW ROAD	LT	49	2.00	2.00	4.00		10	1
182+64	RAKOW ROAD	LT	34	2.00	2.50	5.00		10.5	1
184+81	RAKOW ROAD	RT	34	2.00	2.50	5.00		10.5	1
186+63	RAKOW ROAD	RT	8	2.50	3.00	7.50		11	1
186+64	RAKOW ROAD	LT	7	2.50	3.00	7.50		11	1
187+01	RAKOW ROAD	RT	63	2.50	2.50	6.25		12.5	1
187+01	RAKOW ROAD	RT	64	1.50	2.00	3.00			
187+86	RAKOW ROAD	LT	76	6.00	1.50	9.00		9.5	1
188+63	RAKOW ROAD	LT	25	5.00	2.50		12.50	10.5	1
190+64	RAKOW ROAD	RT	53	2.50	3.00	7.50		12.5	1
190+64	RAKOW ROAD	RT	57	2.50	1.50	3.75			
191+93	RAKOW ROAD	RT	49	2.00	2.00	4.00		10	1
194+09	RAKOW ROAD	RT	4	2.00	2.50	5.00		10.5	1
199+03	RAKOW ROAD	LT	4	2.00	2.50	5.00		10.5	1
205+99	RAKOW ROAD	LT	91	1.50	2.00	3.00		10	1
215+01	RAKOW ROAD	LT	53	2.50	3.00	7.50		12.5	1
215+01	RAKOW ROAD	LT	57	2.50	1.50	3.75			
216+49	RAKOW ROAD	RT	29	6.00	2.50		15.00	10.5	1
218+41	RAKOW ROAD	RT	73	6.00	1.50	9.00		9.5	1
218+42	RAKOW ROAD	LT	63	2.50	2.50	6.25		12.5	1
218+42	RAKOW ROAD	LT	64	1.50	2.00	3.00			
219+10	RAKOW ROAD	RT	41	2.00	2.67	5.33		11.92	1
219+10	RAKOW ROAD	RT	36	1.75	1.25	2.19			
219+65	RAKOW ROAD	RT	7	2.50	3.00	7.50		11	1
219+68	RAKOW ROAD	LT	10	2.50	2.50	6.25		10.5	1
220+30	RAKOW ROAD	LT	4	2.50	3.00	7.50		11	1
221+46	RAKOW ROAD	LT	10	2.50	2.50	6.25		10.5	1
221+46	RAKOW ROAD	LT	34	2.00	2.50	5.00			
223+09	RAKOW ROAD	RT	34	2.00	2.50	5.00		10.5	1
224+42	RAKOW ROAD	RT	4	2.00	2.50	5.00		10.5	1
224+85	RAKOW ROAD	RT	53	2.50	3.00	7.50		12.5	1
224+85	RAKOW ROAD	RT	56	2.50	1.50	3.75			
224+86	RAKOW ROAD	RT	8	2.50	3.00	7.50		11	1
224+91	RAKOW ROAD	LT	7	2.50	3.00	7.50		11	1
225+61	RAKOW ROAD	RT	63	2.50	2.50	6.25		12.5	1
225+61	RAKOW ROAD	RT	64	1.50	2.00	3.00			
225+86	RAKOW ROAD	LT	73	6.00	1.50	9.00		9.5	1
226+37	RAKOW ROAD	RT	25	5.00	2.50		12.50	10.5	1
226+86	RAKOW ROAD	LT	41	2.00	2.67	5.33		11.92	1
226+86	RAKOW ROAD	LT	37	1.75	1.25	2.19			
228+00	RAKOW ROAD	LT	25	5.00	2.50		12.50	10.5	1
229+44	RAKOW ROAD	RT	7	2.50	3.00	7.50		11	1
229+44	RAKOW ROAD	LT	8	2.50	3.00	7.50		11	1
231+41	RAKOW ROAD	LT	34	2.00	2.50	5.00		10.5	1
231+82	RAKOW ROAD	LT	34	2.00	2.50	5.00			
231+82	RAKOW ROAD	LT	88	2.00	0.50	1.00		11.5	1
231+82	RAKOW ROAD	LT	86	2.00	0.50	1.00			
232+45	RAKOW ROAD	RT	1	2.50	2.50	6.25			
232+45	RAKOW ROAD	RT	88	2.00	0.50	1.00		11.5	1
SUB TOTALS						357.54	77.50	606.84	56



USER NAME = Rdwy_Lisle
 PLOT CONFIG = PDF(Grey_Large).plt
 PLOT SCALE = 1:50
 PLOT DATE = 7/29/2010

DESIGNED - EJB
 DRAWN - TCK
 CHECKED - JAH
 DATE - 8/2/2010



MCHENRY COUNTY
DIVISION OF TRANSPORTATION

RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
PROPOSED SIGNING SCHEDULE

SCALE: 1"=50'
 SHEET NO. PMK 19 OF 21

F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 286
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63398	

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SIGNING SCHEDULE									
SIGN INFORMATION						NEW SIGN PANELS	NEW SIGN PANELS	METAL POST	CAST IRON BASE
STATION	LOCATION	OFFSET	SIGN NUMBER	WIDTH (FT)	HEIGHT (FT)	(72000105)	(72000205)	(72800105)	(73100110)
		LT RT				SIGN PANEL TYPE 1, SPECIAL (SQ. FT.)	SIGN PANEL TYPE 2, SPECIAL (SQ. FT.)	TELESCOPING STEEL SIGN SUPPORT, SPECIAL (L.F.)	BASE FOR TELESCOPING SIGN SUPPORT, SPECIAL (EACH)
232+45	RAKOW ROAD	RT	85	2.00	0.50	1.00			
232+45	RAKOW ROAD	RT	1	2.50	2.50	6.25			
232+54	RAKOW ROAD	RT	34	2.00	2.50	5.00			
234+51	RAKOW ROAD	RT	8	2.50	3.00	7.50		10.5	1
237+14	RAKOW ROAD	LT	33	3.00	3.00	9.00		11	1
238+58	RAKOW ROAD	RT	29	6.00	2.50		15.00	10.5	1
240+11	RAKOW ROAD	RT	77	6.00	1.50	9.00		9.5	1
240+78	RAKOW ROAD	RT	32	2.00	2.00	4.00		10	1
241+26	RAKOW ROAD	RT	88	2.00	0.50	1.00		14.5	1
241+26	RAKOW ROAD	RT	84	2.00	0.50	1.00			
241+26	RAKOW ROAD	RT	1	2.50	2.50	6.25			
241+26	RAKOW ROAD	RT	7	2.50	3.00	7.50			
241+83	RAKOW ROAD	LT	10	2.50	2.50	6.25		10.5	1
243+00	RAKOW ROAD	LT	53	2.50	3.00	7.50		12.5	1
243+00	RAKOW ROAD	LT	56	2.50	1.50	3.75			
243+49	RAKOW ROAD	RT	43	1.75	1.25	2.19		11.25	1
243+49	RAKOW ROAD	RT	45	2.00	2.00	4.00			
243+61	RAKOW ROAD	LT	4	2.00	2.50	5.00		10.5	1
245+55	RAKOW ROAD	RT	7	2.50	3.00	7.50		11	1
246+06	RAKOW ROAD	LT	49	2.00	2.00	4.00		10	1
247+13	RAKOW ROAD	RT	49	2.00	2.00	4.00		11	1
247+13	RAKOW ROAD	RT	44	2.00	1.00	2.00			
247+42	RAKOW ROAD	RT	45	2.00	2.00	4.00		11.25	1
247+42	RAKOW ROAD	RT	40	1.75	1.25	2.19			
247+68	RAKOW ROAD	LT	23	3.00	3.00	9.00		11	1
247+75	RAKOW ROAD	LT	10	2.50	2.50	6.25		10.5	1
247+75	RAKOW ROAD	LT	34	2.00	2.50	5.00			
247+95	RAKOW ROAD	LT	22	3.00	3.00	9.00		11	1
10+76	ACKMAN ROAD	RT	92	1.50	2.00	3.00		10	1
11+53	ACKMAN ROAD	RT	28	5.00	2.50		12.50	10.5	1
12+22	ACKMAN ROAD	RT	78	6.00	1.50	9.00		9.5	1
12+77	ACKMAN ROAD	LT	98	2.50	0.75	1.88		11.25	1
12+77	ACKMAN ROAD	LT	65	2.50	2.50	6.25			
13+42	ACKMAN ROAD	LT	12	2.50	2.50	6.25		10.5	1
14+11	ACKMAN ROAD	LT	7	2.50	3.00	7.50		11	1
14+53	ACKMAN ROAD	LT	10	2.50	2.50	6.25		10.5	1
15+18	ACKMAN ROAD	RT	32	2.00	2.00	4.00		10	1
15+60	ACKMAN ROAD	RT	81	2.00	0.50	1.00		14.5	1
15+60	ACKMAN ROAD	RT	89	2.00	0.50	1.00			
15+60	ACKMAN ROAD	RT	1	2.50	2.50	6.25			
15+60	ACKMAN ROAD	RT	7	2.50	3.00	7.50			
16+01	ACKMAN ROAD	LT	50	2.00	2.00	4.00		10	1
17+02	ACKMAN ROAD	LT	53	2.50	3.00	7.50		12.5	1
17+02	ACKMAN ROAD	LT	60	2.50	1.50	3.75			
17+27	ACKMAN ROAD	RT	7	2.50	3.00	7.50		11	1
18+01	ACKMAN ROAD	LT	3	2.00	2.50	5.00		10.5	1
18+28	ACKMAN ROAD	LT	33	3.00	3.00	9.00		11	1
19+00	ACKMAN ROAD	LT	10	2.50	2.50	6.25		10.5	1
19+00	ACKMAN ROAD	LT	34	2.00	2.50	5.00		10.5	1
07+30	McHENRY AVE.	LT	97	2.00	3.00	6.00		11	1
08+83	McHENRY AVE.	RT	94	1.50	2.00	3.00			
08+83	McHENRY AVE.	RT	94	1.50	2.00	3.00		10	1
08+94	McHENRY AVE.	RT	1	2.50	2.50	6.25		12	1
08+94	McHENRY AVE.	RT	96	2.00	1.50	3.00			
09+50	McHENRY AVE.	RT	1	2.50	2.50	6.25		12	1
09+50	McHENRY AVE.	RT	96	2.00	1.50	3.00			
10+17	McHENRY AVE.	RT	12	2.50	2.50	6.25		11.5	1
10+51	McHENRY AVE.	LT	6	2.00	4.00	8.00		12	1
10+59	McHENRY AVE.	RT	2	2.00	2.50	5.00		10.5	1
11+03	McHENRY AVE.	RT	20	2.50	2.50	6.25		12	1
11+03	McHENRY AVE.	RT	21	2.00	1.50	3.00			
12+03	McHENRY AVE.	RT	27	5.00	2.50		12.50	10.5	1
12+78	McHENRY AVE.	RT	34	2.00	2.50	5.00		10.5	1
12+82	McHENRY AVE.	RT	1	2.50	2.50	6.25		10.5	1
13+05	McHENRY AVE.	RT	95	2.00	2.50	5.00		10.5	1
14+14	McHENRY AVE.	RT	9	2.50	2.50	6.25		10.5	1
14+31	McHENRY AVE.	RT	8	2.50	3.00	7.50		11	1
14+54	McHENRY AVE.	RT	18	2.50	2.50	6.25		13	1
14+54	McHENRY AVE.	RT	80	6.50	2.50		16.25		
14+66	McHENRY AVE.	LT	19	2.50	2.50	6.25		11.25	1
14+66	McHENRY AVE.	LT	42	2.00	0.75	1.50			
14+94	McHENRY AVE.	RT	1	2.50	2.50	6.25		13.5	1
14+94	McHENRY AVE.	RT	7	2.50	3.00	7.50			
SUB TOTALS						363.75	56.25	563.50	51

	USER NAME = Rdwy.Lisle PLOT CONFIG = PDF(Grey, Large).plt PLOT SCALE = 1:50 PLOT DATE = 7/29/2010	DESIGNED - EJB DRAWN - TCK CHECKED - JAH DATE - 8/2/2010	REVISED - REVISED - REVISED - REVISED -		RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 PROPOSED SIGNING SCHEDULE	F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 287	CONTRACT NO. 63398
	SCALE: 1"=50'	SHEET NO. PMK 20 OF 21	FED. ROAD DIST. NO. ILLINOIS			FED. AID PROJECT					

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SIGNING SCHEDULE										
SIGN INFORMATION						NEW SIGN PANELS	NEW SIGN PANELS	METAL POST	CAST IRON BASE	
STATION	LOCATION	OFFSET		SIGN NUMBER	WIDTH (FT)	HEIGHT (FT)	(72000105)	(72000205)	(72800105)	(73100110)
		LT	RT				SIGN PANEL	SIGN PANEL	TELESCOPING STEEL	BASE FOR TELESCOPING
							TYPE 1, SPECIAL (SQ. FT.)	TYPE 2, SPECIAL (SQ. FT.)	SIGN SUPPORT, SPECIAL (L.F.)	SIGN SUPPORT, SPECIAL (EACH)
15+45	McHENRY AVE.	LT		2	2.00	2.50	5.00		10.5	1
16+72	McHENRY AVE.	LT		8	2.50	3.00	7.50		11	1
16+88	McHENRY AVE.	RT		20	2.50	2.50	6.25		12	1
16+88	McHENRY AVE.	RT		21	2.00	1.50	3.00			
19+09	McHENRY AVE.	RT		31	2.00	2.50	5.00		10.5	1
19+14	McHENRY AVE.	LT		8	2.50	3.00	7.50		11	1
44+50	PYOTT ROAD	RT		75	5.00	1.50	7.50		9.5	1
45+43	PYOTT ROAD	RT		25	5.00	2.50		12.50	10.5	1
46+23	PYOTT ROAD	LT		16	2.50	3.00	7.50		11.5	1
46+23	PYOTT ROAD	LT		17	2.50	0.50	1.25			
47+00	PYOTT ROAD	LT		47	2.00	2.00	4.00		11	1
47+00	PYOTT ROAD	RT		7	2.50	3.00	7.50			
47+79	PYOTT ROAD	RT		1	2.50	2.50	6.25		10.5	1
47+86	PYOTT ROAD	LT		53	2.50	3.00	7.50		12.5	1
47+86	PYOTT ROAD	LT		54	2.50	1.50	3.75			
48+48	PYOTT ROAD	LT		12	2.50	2.50	6.25		10.5	1
48+71	PYOTT ROAD	LT		33	3.00	3.00	9.00		11	1
50+92	PYOTT ROAD	LT		23	3.00	3.00	9.00		11	1
51+06	PYOTT ROAD	RT		33	3.00	3.00	9.00		11	1
53+02	PYOTT ROAD	RT		53	2.50	3.00	7.50		12.5	1
53+02	PYOTT ROAD	RT		62	2.50	1.50	3.75			
53+12	PYOTT ROAD	LT		1	2.50	2.50	6.25		10.5	1
53+70	PYOTT ROAD	LT		79	5.00	1.50	7.50		9.5	1
53+84	PYOTT ROAD	LT		25	5.00	2.50		12.50	13	1
53+84	PYOTT ROAD	LT		95	2.00	2.50	5.00			
54+67	PYOTT ROAD	RT		47	2.00	2.00	4.00		10	1
54+98	PYOTT ROAD	LT		75	5.00	1.50	7.50		9.5	1
55+55	PYOTT ROAD	LT		66	4.00	1.50	6.00		11.5	1
55+55	PYOTT ROAD	LT		91	1.50	2.00	3.00			
43+79	VIRGINIA ROAD	RT		75	5.00	1.50	7.50		9.5	1
45+50	VIRGINIA ROAD	LT		48	2.00	2.00	4.00		10	1
47+07	VIRGINIA ROAD	LT		53	2.50	3.00	7.50		12.5	1
47+07	VIRGINIA ROAD	LT		55	2.50	1.50	3.75			
48+90	VIRGINIA ROAD	LT		33	3.00	3.00	9.00		11	1
51+08	VIRGINIA ROAD	RT		33	3.00	3.00	9.00		11	1
51+60	VIRGINIA ROAD	RT		3	2.00	2.50	5.00		10.5	1
51+78	VIRGINIA ROAD	LT		14	2.00	2.50	5.00		10.5	1
52+46	VIRGINIA ROAD	RT		53	2.50	3.00	7.50		12.5	1
52+46	VIRGINIA ROAD	RT		62	2.50	1.50	3.75			
53+56	VIRGINIA ROAD	RT		48	2.00	2.00	4.00		10	1
54+31	VIRGINIA ROAD	RT		13	2.00	2.50	5.00		10.5	1
54+52	VIRGINIA ROAD	LT		75	5.00	1.50	7.50		9.5	1
54+95	VIRGINIA ROAD	LT		1	2.50	2.50	6.25		10.5	1
55+22	VIRGINIA ROAD	RT		15	2.00	2.50	5.00		10.5	1
55+65	VIRGINIA ROAD	RT		1	2.50	2.50	6.25		10.5	1
57+93	VIRGINIA ROAD	LT		90	2.00	0.50	1.00		11.5	1
57+93	VIRGINIA ROAD	LT		82	2.00	0.50	1.00			
21+17	PINGREE ROAD	RT		33	3.00	3.00	9.00		11	1
24+13	PINGREE ROAD	RT		32	2.00	2.00	4.00		10	1
24+45	PINGREE ROAD	RT		87	2.00	0.50	1.00		14.5	1
24+45	PINGREE ROAD	RT		83	2.00	0.50	1.00			
24+45	PINGREE ROAD	RT		1	2.50	2.50	6.25			
24+45	PINGREE ROAD	RT		7	2.50	3.00	7.50			
24+90	PINGREE ROAD	LT		7	2.50	3.00	7.50		11	1
25+88	PINGREE ROAD	LT		75	5.00	1.50	7.50		9.5	1
29+69	PINGREE ROAD	LT		24	4.00	2.50	10.00		10.5	1
52+11	IL ROUTE 31	LT		49	2.00	2.00	4.00		11.75	1
52+11	IL ROUTE 31	LT		88	2.00	0.50	1.00			
52+11	IL ROUTE 31	LT		37	1.75	1.25	2.19			
54+42	IL ROUTE 31	LT		43	1.75	1.25	2.19		15.5	1
54+42	IL ROUTE 31	LT		49	2.00	2.00	4.00			
54+42	IL ROUTE 31	LT		88	2.00	0.50	1.00			
54+42	IL ROUTE 31	LT		39	1.75	1.25	2.19			
54+86	IL ROUTE 31	LT		7	2.50	3.00	7.50		11	1
55+84	IL ROUTE 31	LT		75	5.00	1.50	7.50		9.5	1
SUB TOTALS							346.56	25.00	515.25	47
TOTALS							1,427	239	2,256	206

***NOTES**
1. ALL SIGNS REMOVED SHALL BE RETURNED TO THE MCDOT SIGN SHOP.
2. ALL SIGNS OVER 12.0 SQ. FT. ARE TYPE 2 (SPECIAL).



USER NAME = Rdwy_Lisle
PLOT CONFIG = PDF(Grey, Large).plt
PLOT SCALE = 1:50
PLOT DATE = 7/29/2010

DESIGNED - EJB
DRAWN - TCK
CHECKED - JAH
DATE - 8/2/2010

REVISED -
REVISED -
REVISED -
REVISED -

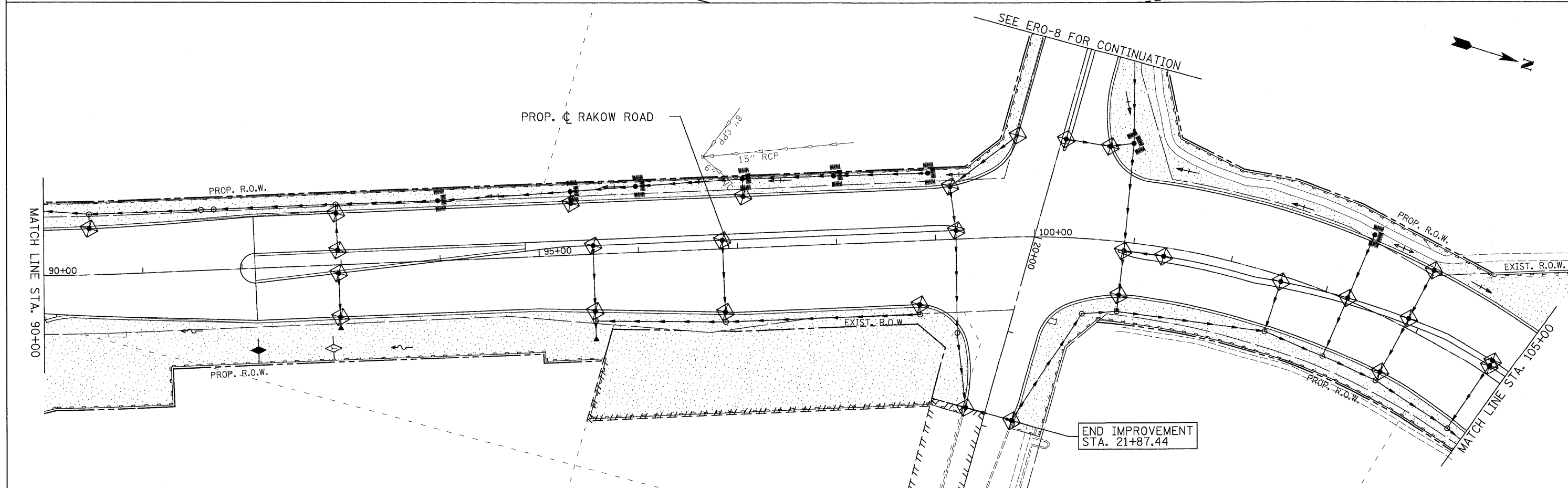
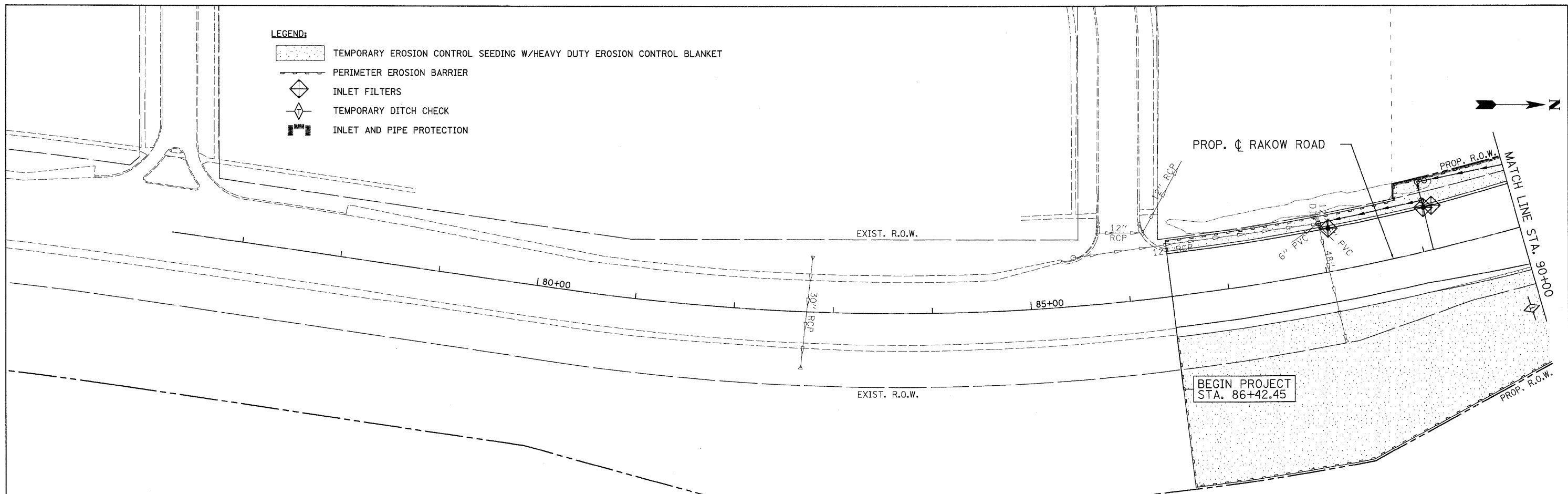


MCHENRY COUNTY
DIVISION OF TRANSPORTATION

RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
PROPOSED SIGNING SCHEDULE

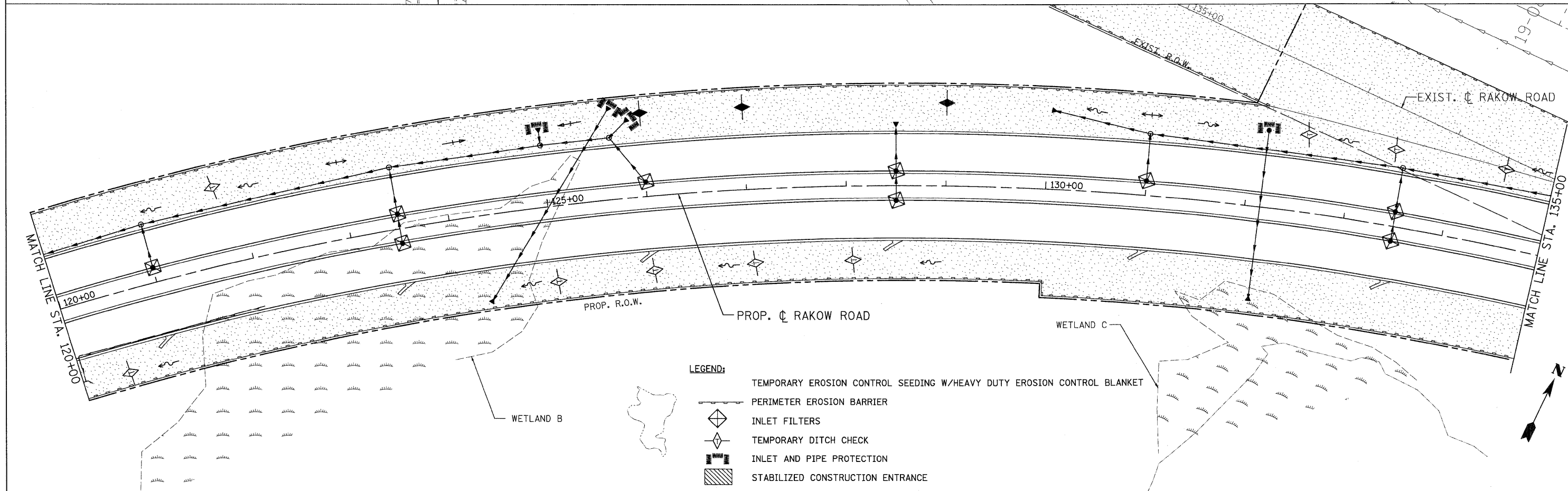
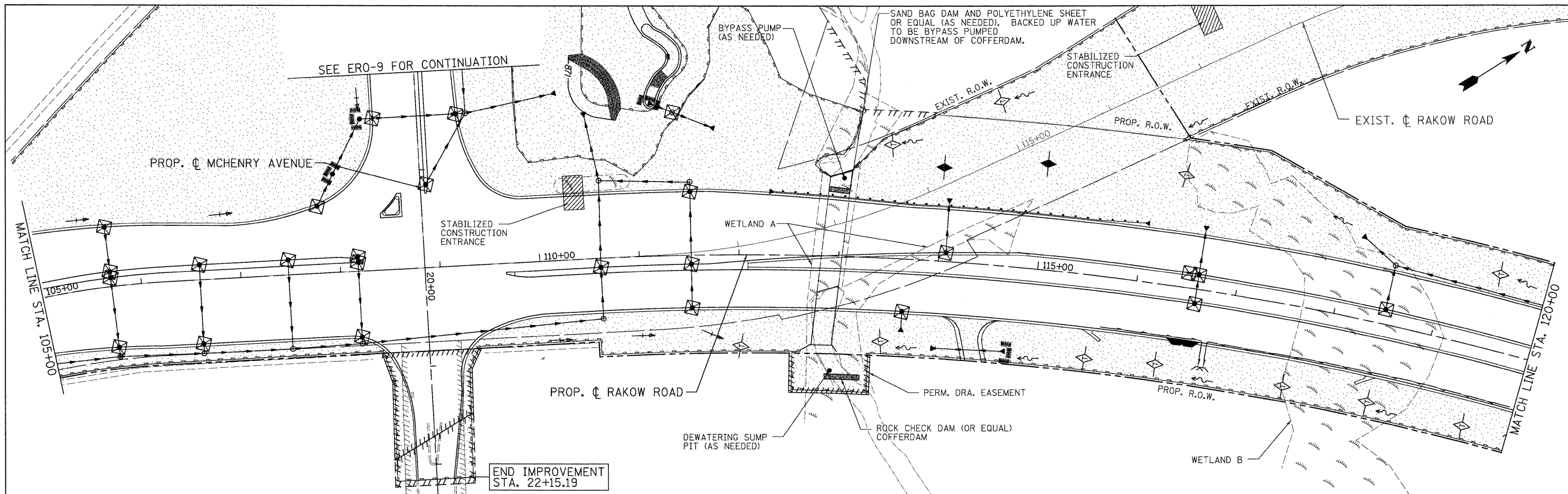
SCALE: 1"=50' SHEET NO. PMK 21 OF 21

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0336	05-00308-00-WR	MCHENRY	606	288
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 63398	



	USER NAME = jmaekelChicago_RI	DESIGNED - D. DOERFLER	REVISED -		MCHENRY COUNTY DIVISION OF TRANSPORTATION	RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 EROSION AND SEDIMENT CONTROL	F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 289
	PLOT CONFIG = PDF(Grey, Large).plt	DRAWN - D. DOERFLER	REVISED -				FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 63398		
	PLOT SCALE = 1:50	CHECKED - E. CHOW	REVISED -			SCALE: 1"=50'	SHEET NO. ERO 1 OF 19	STA. PROJ. STAR TO STA. 105+00			
	PLOT DATE = 7/29/2010	DATE - 8/2/2010	REVISED -								

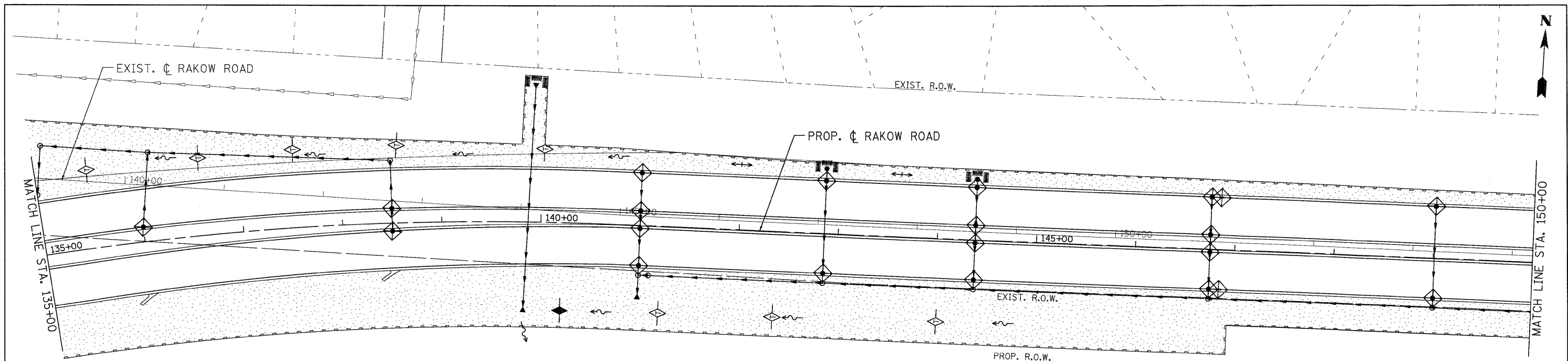
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






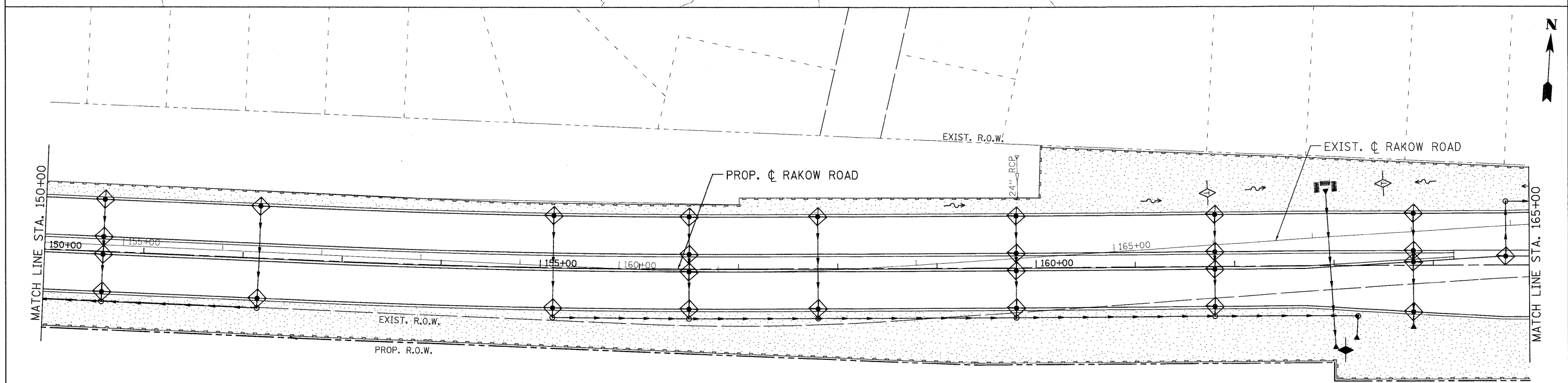
- LEGEND:**
- TEMPORARY EROSION CONTROL SEEDING W/HEAVY DUTY EROSION CONTROL BLANKET
 - PERIMETER EROSION BARRIER
 - ◇ INLET FILTERS
 - ◇ TEMPORARY DITCH CHECK
 - INLET AND PIPE PROTECTION
 - ▨ STABILIZED CONSTRUCTION ENTRANCE

	USER NAME = jmaske(Chicago_R)	DESIGNED - D. DOERFLER	REVISED -		MCHENRY COUNTY DIVISION OF TRANSPORTATION	RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 EROSION AND SEDIMENT CONTROL		F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 290
	PLOT CONFID = PDF(Grey_Large).plt	DRAWN - D. DOERFLER	REVISED -			SCALE: 1"=50'	SHEET NO. ERO 2 OF 19	STA. 105+00 TO STA. 135+00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 63398	
	PLOT SCALE = 1:50	CHECKED - E. CHOW	REVISED -									
	PLOT DATE = 7/29/2010	DATE - 8/2/2010	REVISED -									

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- LEGEND:**
-  TEMPORARY EROSION CONTROL SEEDING W/HEAVY DUTY EROSION CONTROL BLANKET
 -  PERIMETER EROSION BARRIER
 -  INLET FILTERS
 -  TEMPORARY DITCH CHECK
 -  INLET AND PIPE PROTECTION



USER NAME = jmaeke(chicago.R)
 PLOT CONFIG = PDF(Grey, Large).plt
 PLOT SCALE = 1:50
 PLOT DATE = 7/29/2010

DESIGNED - D. DOERFLER
 DRAWN - D. DOERFLER
 CHECKED - E. CHOW
 DATE - 8/2/2010

REVISED -
 REVISED -
 REVISED -
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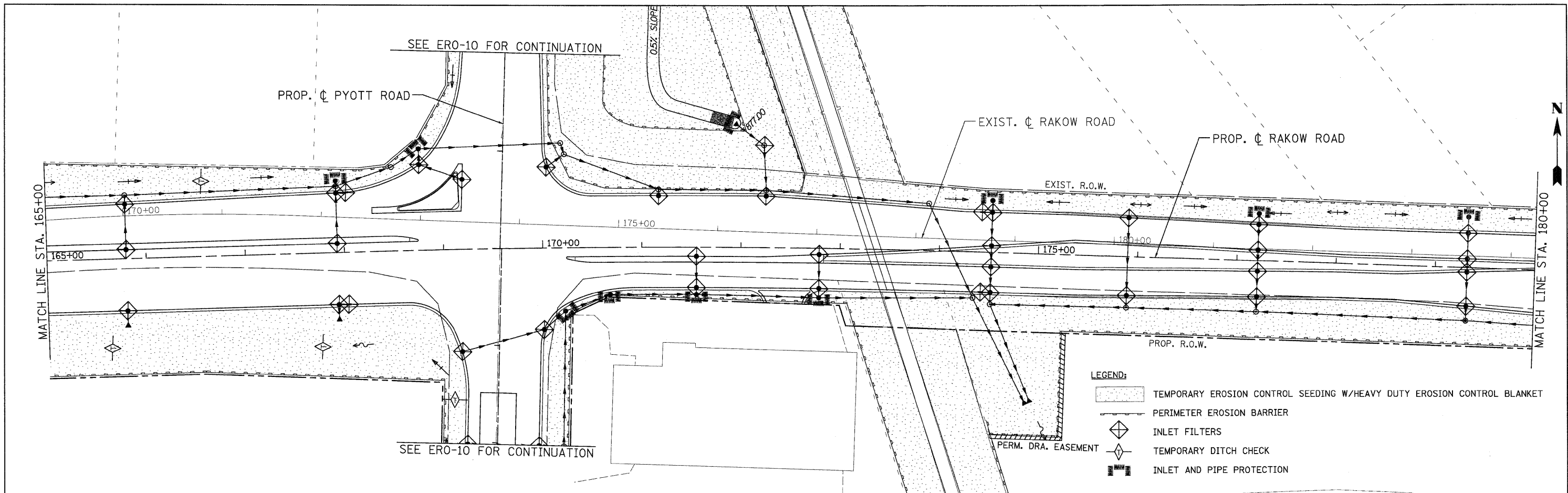
**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

**RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
 EROSION AND SEDIMENT CONTROL**

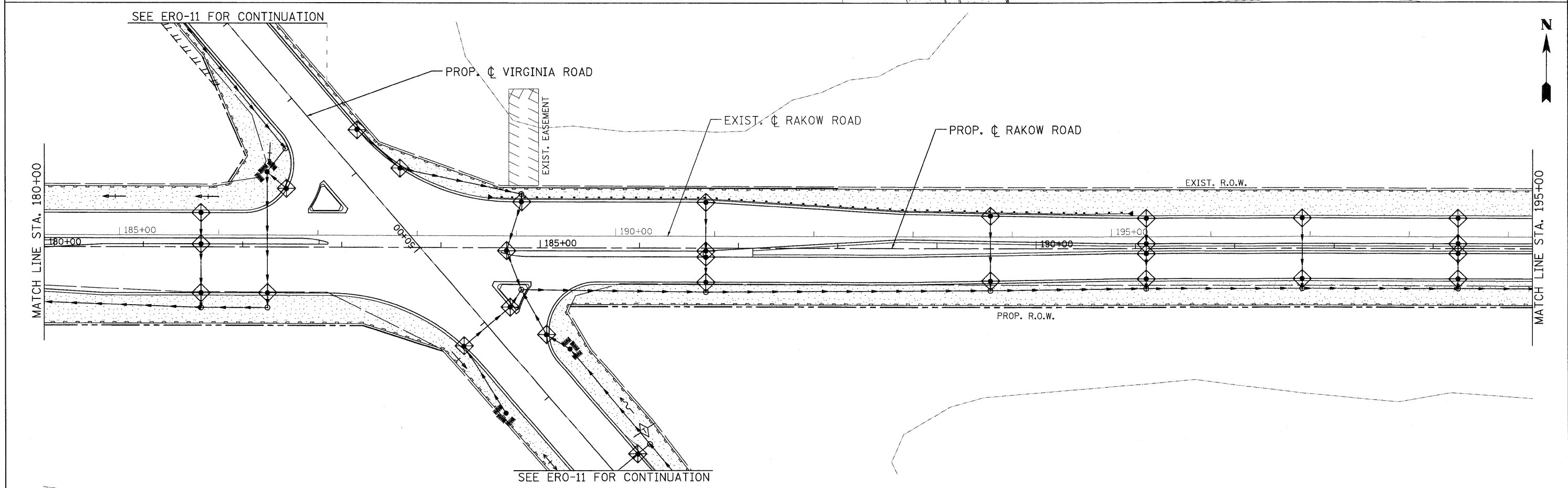
SCALE: 1"=50' SHEET NO. ERO 3 OF 19 STA. 135+00 TO STA. 165+00

F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 291
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
CONTRACT NO. 63398				

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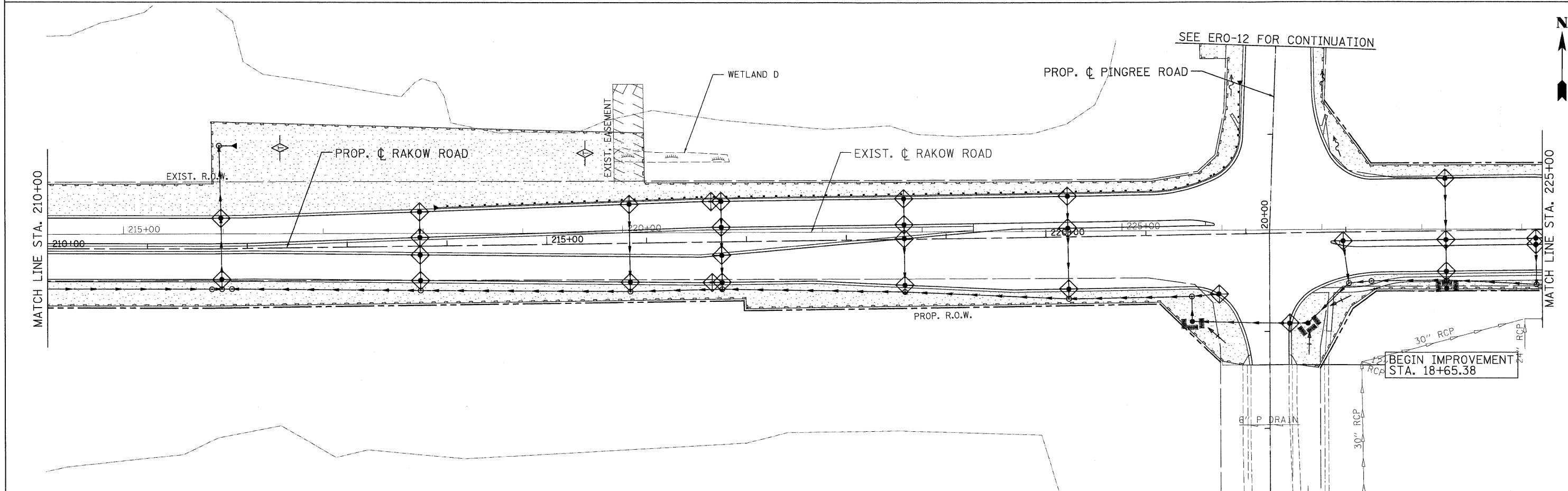
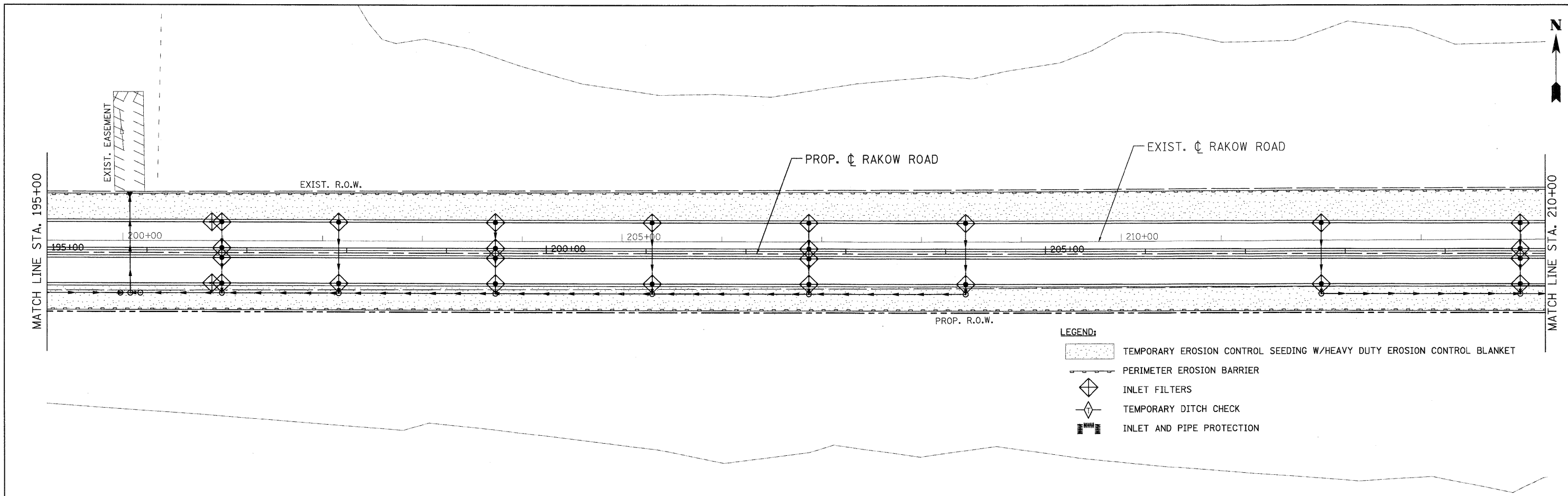


- LEGEND:**
- TEMPORARY EROSION CONTROL SEEDING W/HEAVY DUTY EROSION CONTROL BLANKET
 - PERIMETER EROSION BARRIER
 - INLET FILTERS
 - TEMPORARY DITCH CHECK
 - INLET AND PIPE PROTECTION



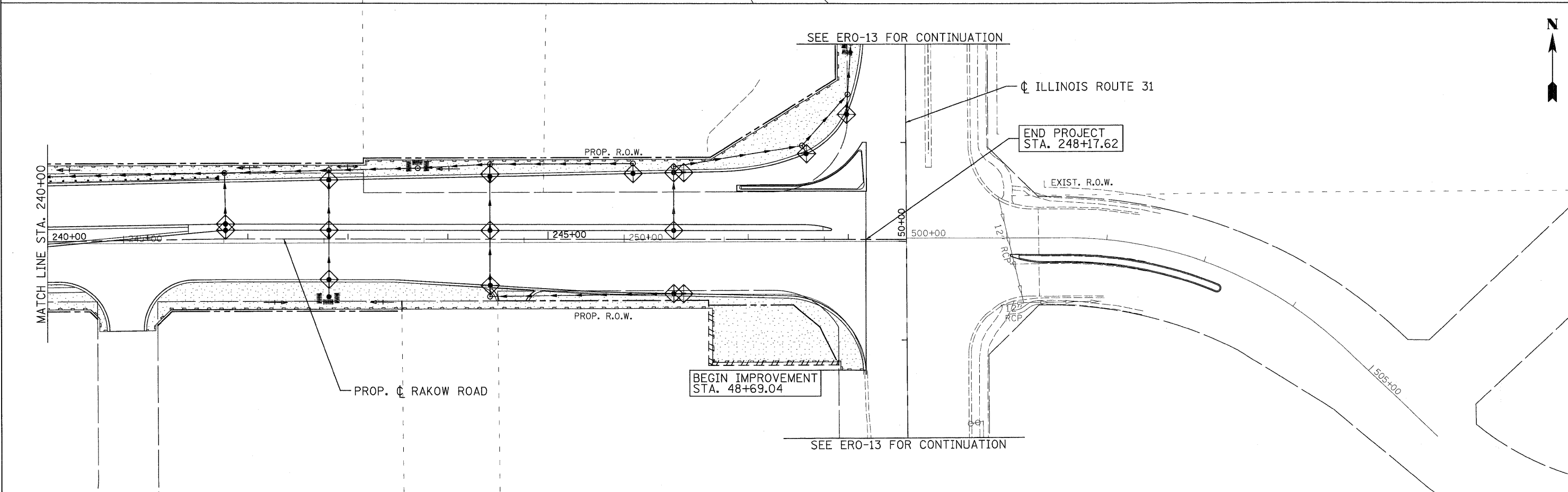
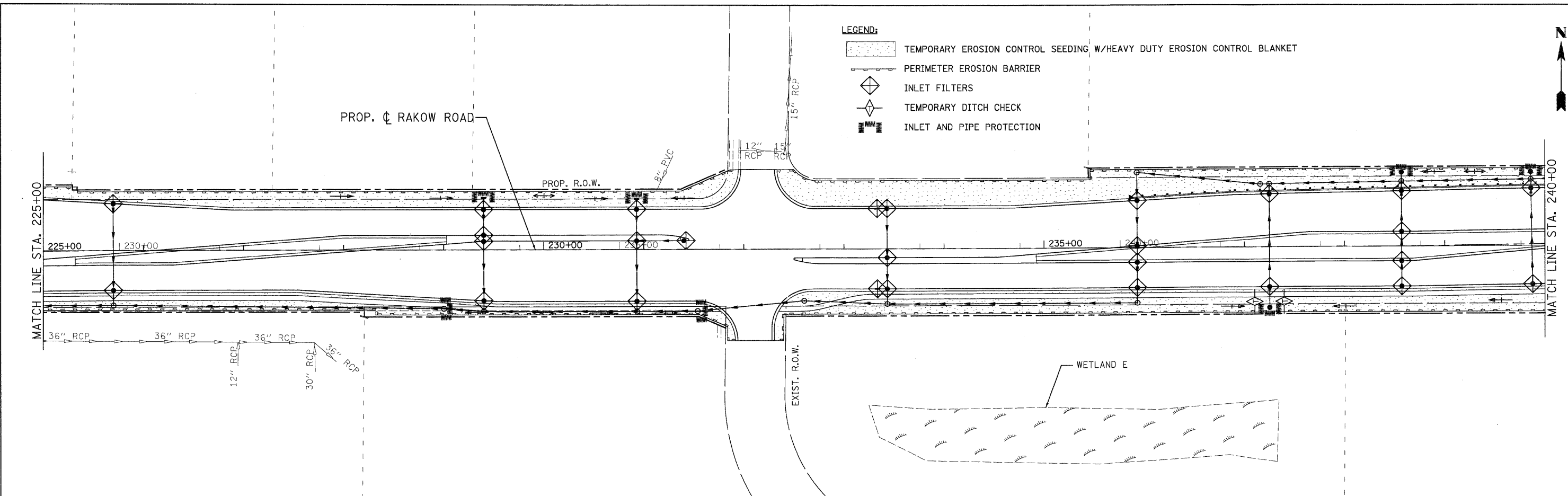
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	SCALE: 1"=50'	SHEET NO. ERO 4 OF 19	STA. 165+00 TO STA. 195+00				FED. ROAD DIST. NO. = ILLINOIS FED. AID PROJECT	CONTRACT NO. = 63398			

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	USER NAME = jmaack(Chicago_R) PLOT CONFIG = PDF(Grey_Large).plt PLOT SCALE = 1:50 PLOT DATE = 7/29/2010	DESIGNED - D. DOERFLER DRAWN - D. DOERFLER CHECKED - E. CHOW DATE - 8/2/2010	REVISED - REVISED - REVISED - REVISED -		MCHENRY COUNTY DIVISION OF TRANSPORTATION	RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 EROSION AND SEDIMENT CONTROL	F.A.P. RTE. 0336 SECTION 05-00308-00-WR COUNTY MCHENRY CONTRACT NO. 63398	TOTAL SHEETS 606 SHEET NO. 293
	SCALE: 1"=50' SHEET NO. ERO 5 OF 19 STA. 195+00 TO STA. 225+00		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

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USER NAME = jmaekel@chicago-ri	DESIGNED - D. DOERFLER	REVISED -
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PLOT SCALE = 1:50	CHECKED - E. CHOW	REVISED -
PLOT DATE = 7/29/2010	DATE - 8/2/2010	REVISED -



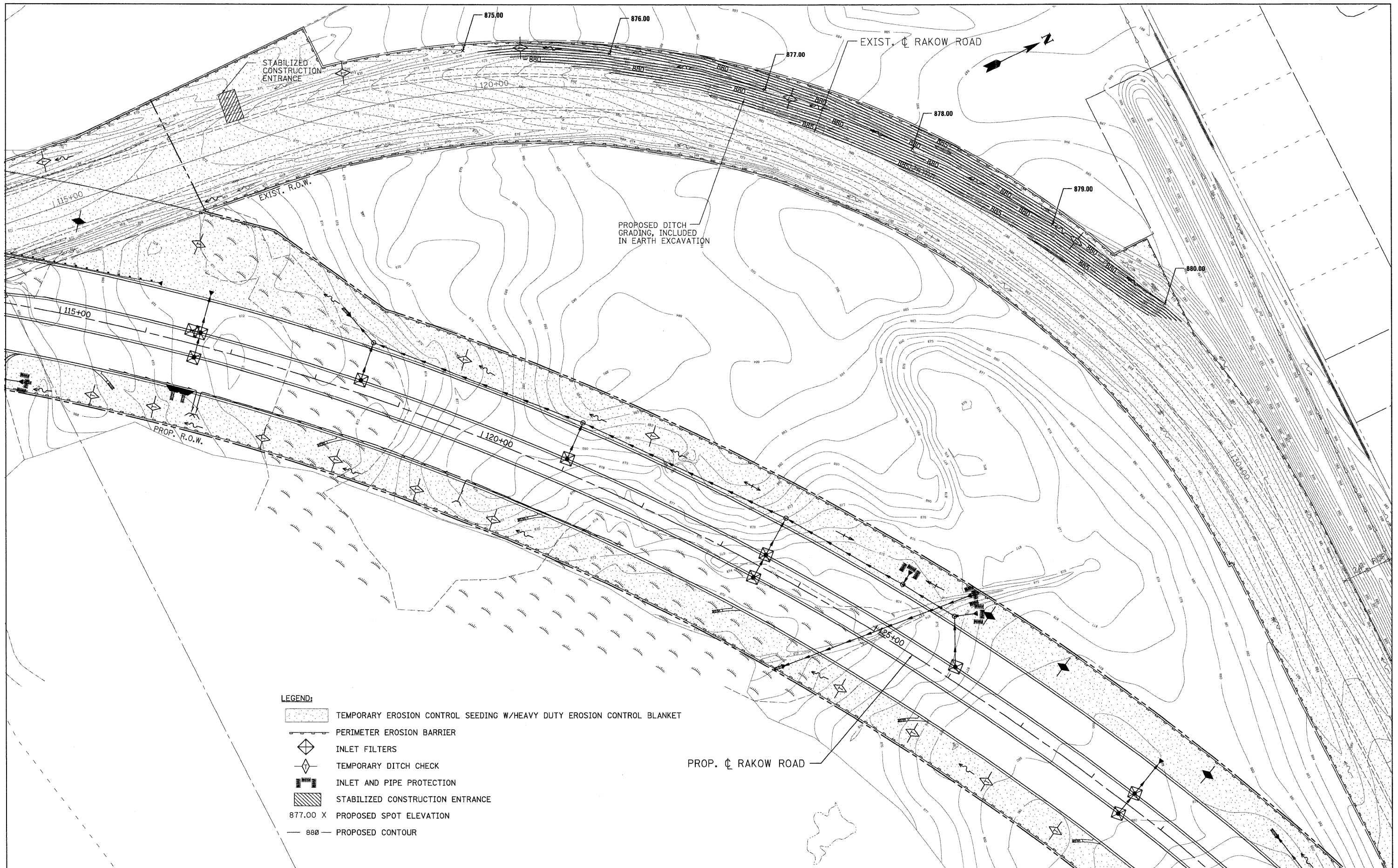
**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**

**RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
EROSION AND SEDIMENT CONTROL**

SCALE: 1"=50' SHEET NO. ERO 6 OF 19 STA. 225+00 TO STA. PROJ. END

F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 294
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 63398		

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USER NAME = jmeske(chicago_R)
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 PLOT SCALE = 1:50
 PLOT DATE = 7/23/2010

DESIGNED - D. DOERFLER
 DRAWN - D. DOERFLER
 CHECKED - E. CHOW
 DATE - 8/2/2010



MCHENRY COUNTY
DIVISION OF TRANSPORTATION






RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
EROSION AND SEDIMENT CONTROL AND GRADING

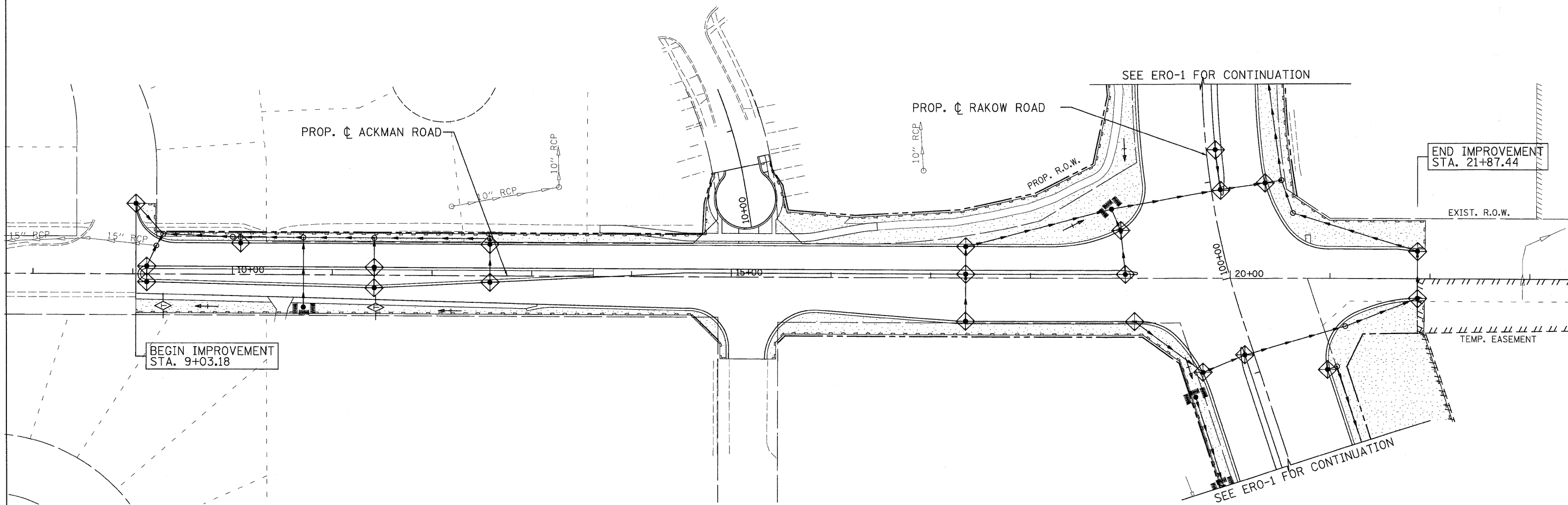
SCALE: 1"=50'
 SHEET NO. ERO 7 OF 19
 STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0336	05-00308-00-WR	MCHENRY	606	295
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63398	

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LEGEND:

-  TEMPORARY EROSION CONTROL SEEDING W/HEAVY DUTY EROSION CONTROL BLANKET
-  PERIMETER EROSION BARRIER
-  INLET FILTERS
-  TEMPORARY DITCH CHECK
-  INLET AND PIPE PROTECTION



USER NAME = jmaekel(Chicago_R)	DESIGNED - D. DOERFLER	REVISED -
PLOT CONFIG = PDF(Grey_Large).plt	DRAWN - D. DOERFLER	REVISED -
PLOT SCALE = 1:50	CHECKED - E. CHOW	REVISED -
PLOT DATE = 7/29/2010	DATE - 8/2/2010	REVISED -



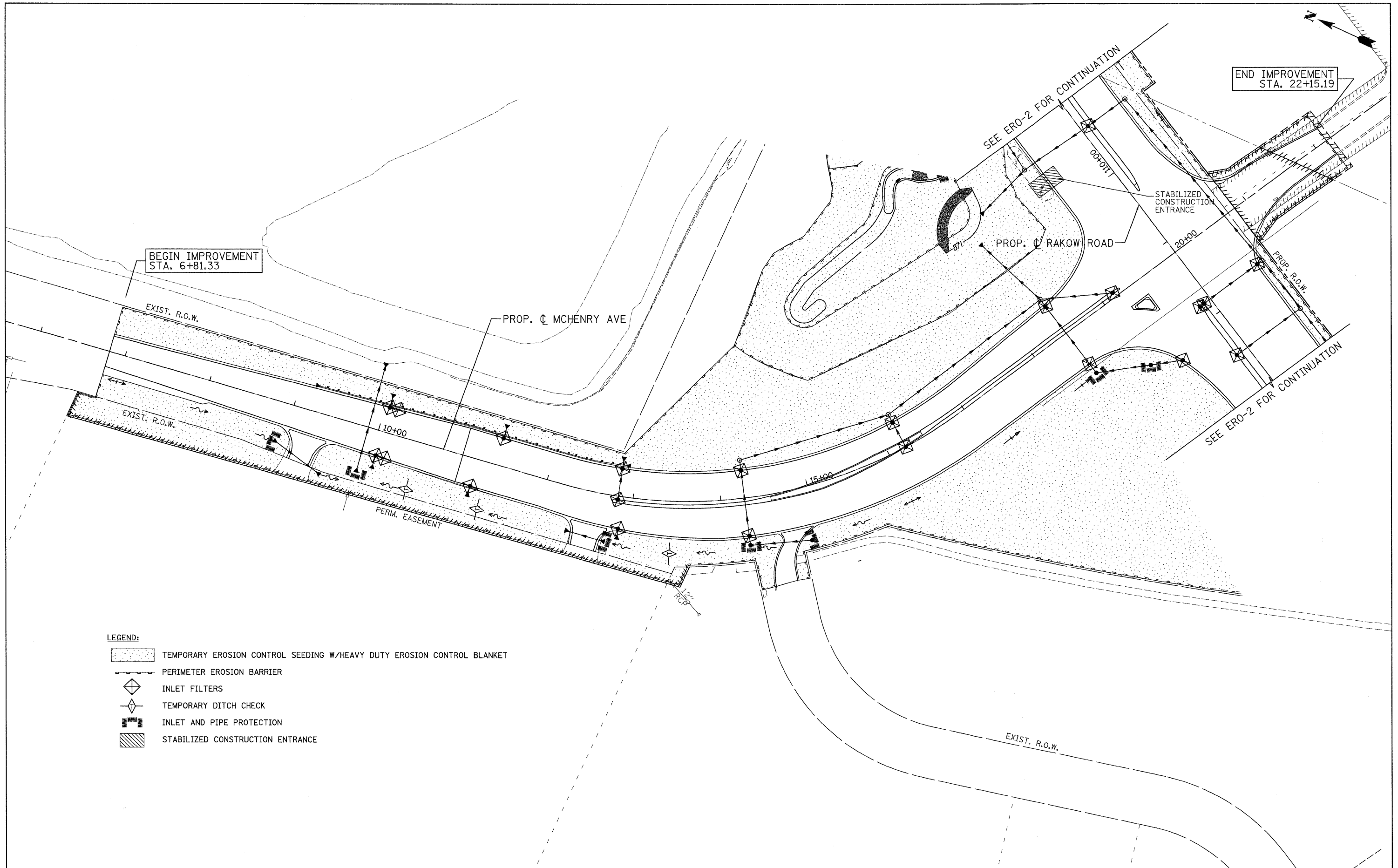
**MCHENRY COUNTY
DIVISION OF TRANSPORTATION**







**RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31
ACKMAN ROAD EROSION AND SEDIMENT CONTROL**



SCALE: 1"=50' SHEET NO. ERO 8 OF 19 STA. END IMPROV TO STA. 22+00

F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 296
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT CONTRACT NO. 63398		







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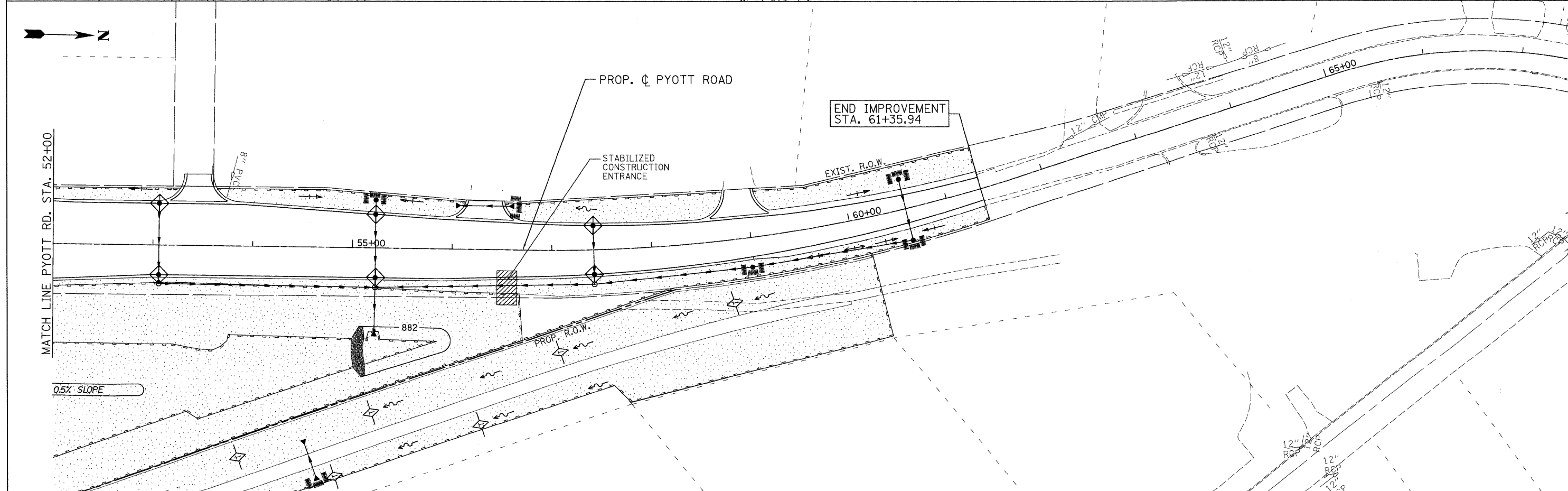
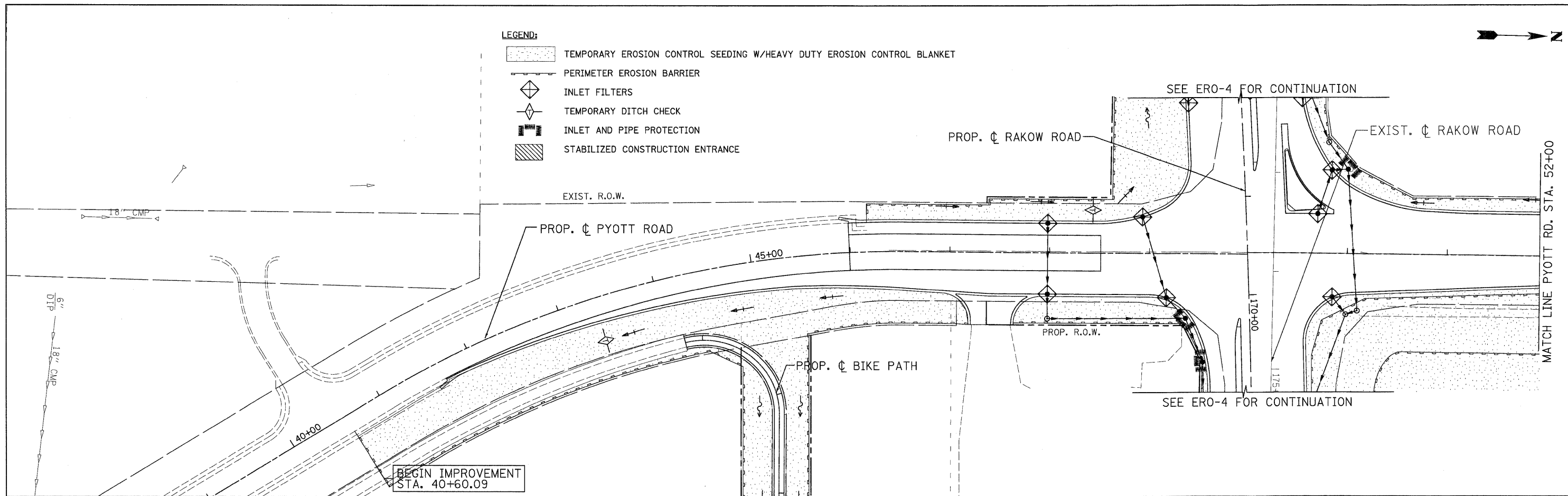




- LEGEND:**
-  TEMPORARY EROSION CONTROL SEEDING W/HEAVY DUTY EROSION CONTROL BLANKET
 -  PERIMETER EROSION BARRIER
 -  INLET FILTERS
 -  TEMPORARY DITCH CHECK
 -  INLET AND PIPE PROTECTION
 -  STABILIZED CONSTRUCTION ENTRANCE

 PATRICK ENGINEERING INC. Lisle, Illinois	USER NAME = jmaeke(Chicago_R) PLOT CONFIG = PDF(Gray_Large).plt PLOT SCALE = 1:50 PLOT DATE = 7/29/2010	DESIGNED - D. DOERFLER DRAWN - D. DOERFLER CHECKED - E. CHOW DATE - 8/2/2010	REVISED - REVISED - REVISED - REVISED -	 MCHENRY COUNTY DIVISION OF TRANSPORTATION	RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 MCHENRY AVENUE EROSION AND SEDIMENT CONTROL	F.A.P. RTE. 0336 SECTION 05-00308-00-WR COUNTY MCHENRY TOTAL SHEETS 606 SHEET NO. 297 CONTRACT NO. 63398	SCALE: 1"=50' SHEET NO. ERO 9 OF 19 STA. 6+81.33 TO STA. 22+15.19	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
	p:\chicago\mcdot\28958.021\drawings\rdwy\shhs\erros\09_S.Eros.(MCHENRY).dgn							

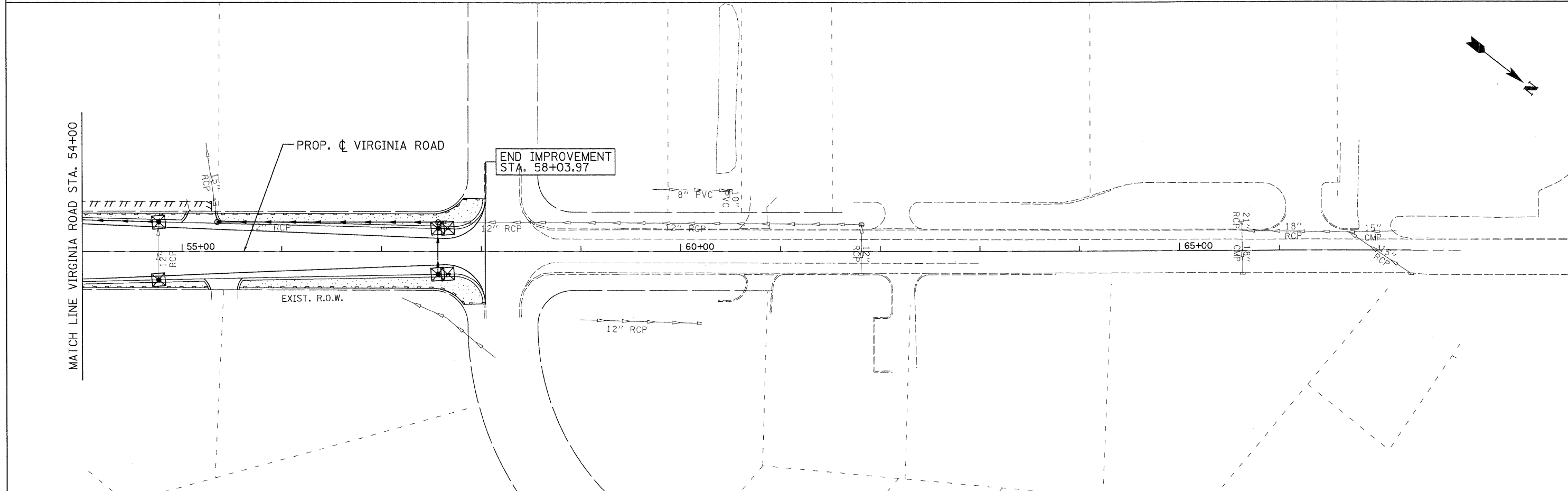
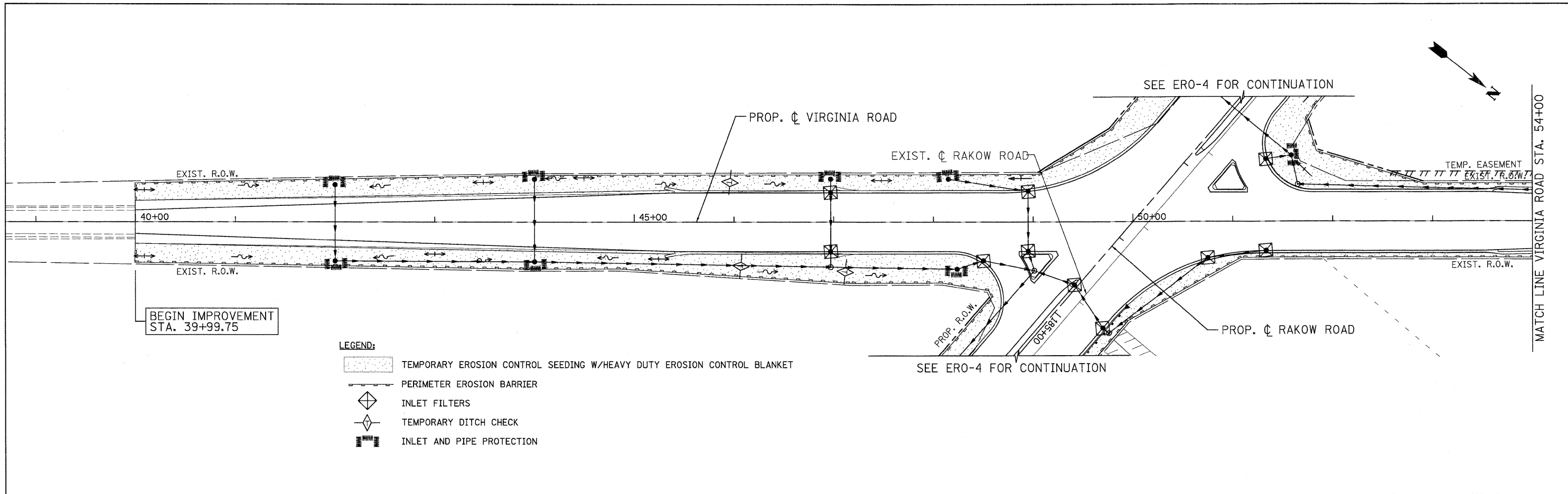
LEGEND:

-  TEMPORARY EROSION CONTROL SEEDING W/HEAVY DUTY EROSION CONTROL BLANKET
-  PERIMETER EROSION BARRIER
-  INLET FILTERS
-  TEMPORARY DITCH CHECK
-  INLET AND PIPE PROTECTION
-  STABILIZED CONSTRUCTION ENTRANCE



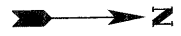
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	PLOT CONFID= PDF(Grey_Large).plt	DRAWN - D. DOERFLER	REVISED -				FED. ROAD DIST. NO. ILLINOIS	FED. AID PROJECT			
PLOT SCALE = 1:50	CHECKED - E. CHOW	REVISED -		SCALE: 1"=50'	SHEET NO. ERO 10 OF 19	STA. 40+60.09 TO STA. 61+35.94	CONTRACT NO. 63398				
PLOT DATE = 7/29/2010	DATE - 8/2/2010	REVISED -									

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






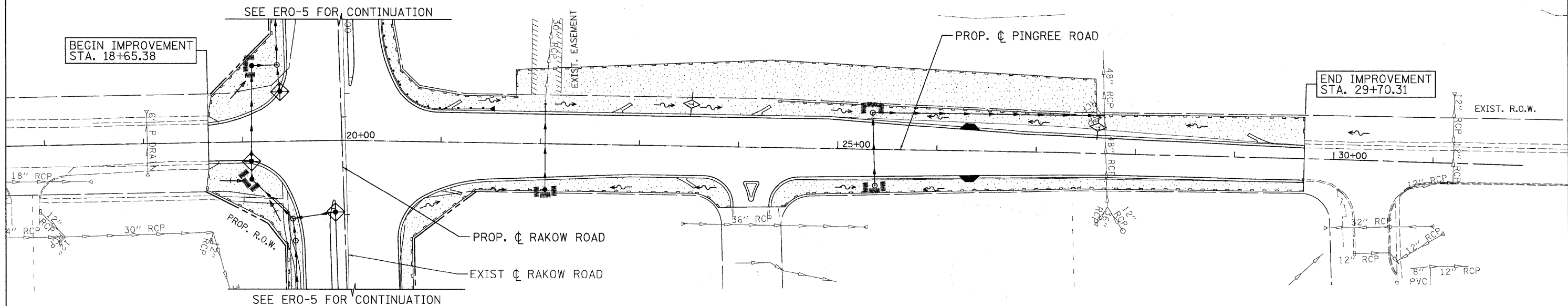
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	PLOT SCALE = 1/8"=1'	CHECKED - E. CHOW	REVISED -				SCALE: 1"=50'	SHEET NO. ERO 11 OF 19	STA. 39+99.75 TO STA. 58+03.97		
	PLOT DATE = 7/29/2010	DATE - 8/2/2010	REVISED -								



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LEGEND:

-  TEMPORARY EROSION CONTROL SEEDING W/HEAVY DUTY EROSION CONTROL BLANKET
-  PERIMETER EROSION BARRIER
-  INLET FILTERS
-  TEMPORARY DITCH CHECK
-  INLET AND PIPE PROTECTION



	USER NAME = jmecke(Chicago_R)	DESIGNED - D. DOERFLER	REVISED -		MCHENRY COUNTY DIVISION OF TRANSPORTATION	RAKOW ROAD FROM ACKMAN ROAD TO ILLINOIS ROUTE 31 PINGREE ROAD EROSION AND SEDIMENT CONTROL	F.A.P. RTE. 0336	SECTION 05-00308-00-WR	COUNTY MCHENRY	TOTAL SHEETS 606	SHEET NO. 300
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	PLOT DATE = 7/29/2010	DATE - 8/2/2010	REVISED -								

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