

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT LOCATED IN VILLAGE OF GURNEE
 PROJECT LOCATED IN CITY OF WAUKEGAN
 PROJECT LOCATED IN VILLAGE OF LIBERTYVILLE
 PROJECT LOCATED IN LIBERTYVILLE TOWNSHIP

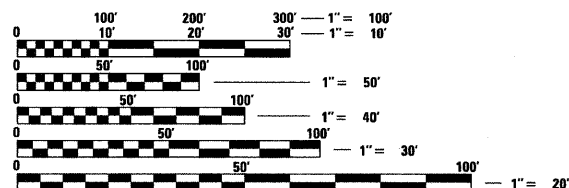
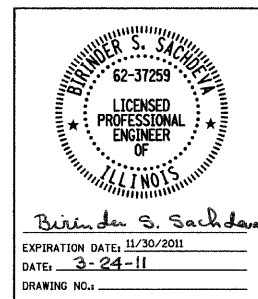
DESIGN DESIGNATION

MILWAUKEE AVENUE: (IL 21) ARTERIAL 6.03 (PCC-20)
 BUCKLEY ROAD: (IL 137) ARTERIAL

	ADT(2010)	DESIGN SPEED	POSTED SPEED
MILWAUKEE AVENUE	28,000	45 MPH	35-45MPH
BUCKLEY ROAD	32,000	45 MPH	35-45MPH

PROPOSED IMPROVEMENT

THE WORK SHALL CONSIST OF TREE REMOVAL, THE GRADING OF THE PROPOSED RETENTION/DETENTION POND, THE WORK REQUIRED FOR THE PLACEMENT OF TEMPORARY PAVEMENT THAT WILL BE REQUIRED FOR THE MAINTENANCE OF TRAFFIC UNDER THE FUTURE RECONSTRUCTION PROJECT AND RELATED STORM SEWER CONSTRUCTION.



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

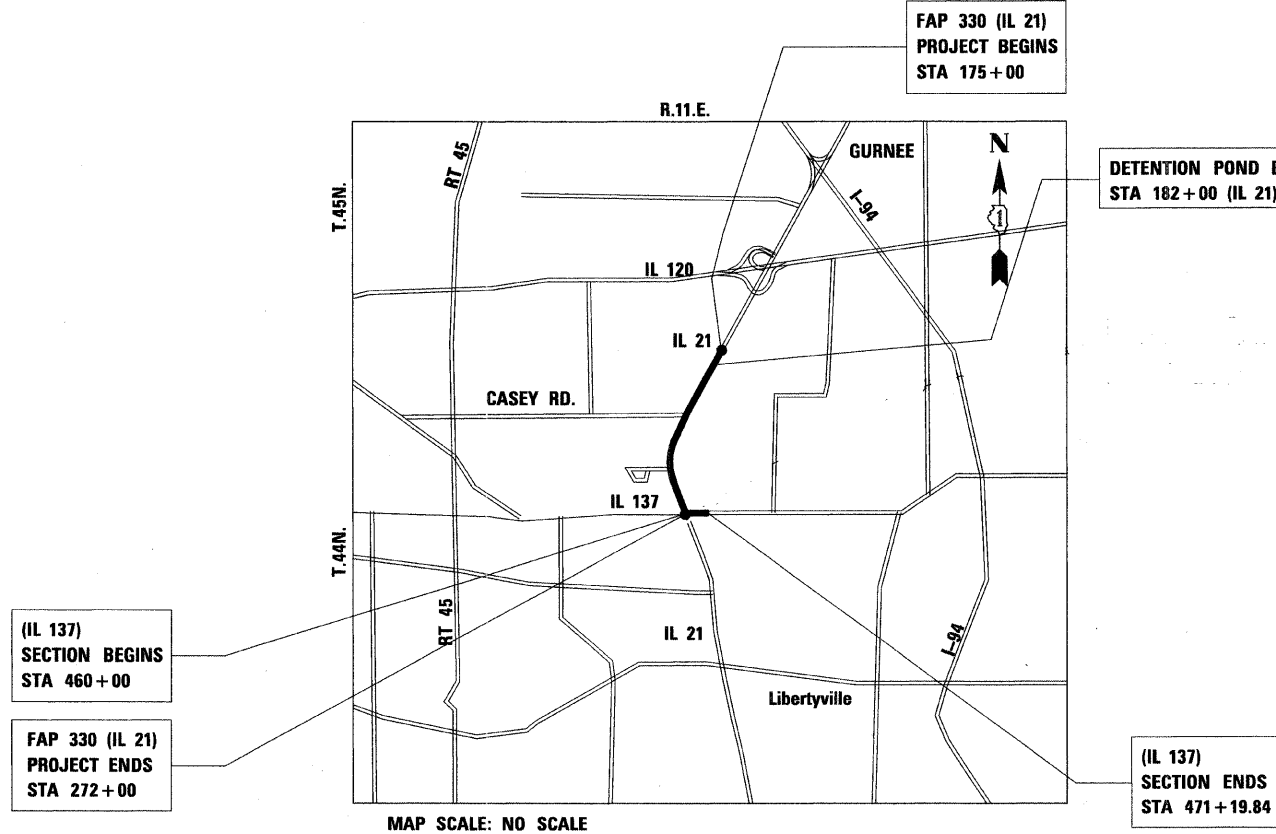
J.U.L.I.E.
 JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS
 1-800-892-0123
 OR 811

PROJECT ENGINEER TIM SCHMIDT (847) 705-4482
 PROJECT MANAGER SERIN KELLER (847) 705-4556

CONTRACT NO. 60P33

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**PROPOSED
 HIGHWAY PLANS**

F.A.P. 330 (ILLINOIS ROUTE 21 – MILWAUKEE AVENUE)
 SOUTH OF ILLINOIS ROUTE 120 TO
 ILLINOIS ROUTE 137 (BUCKLEY ROAD)
 SECTION 128-I-3
 LAKE COUNTY
 C-91-512-11



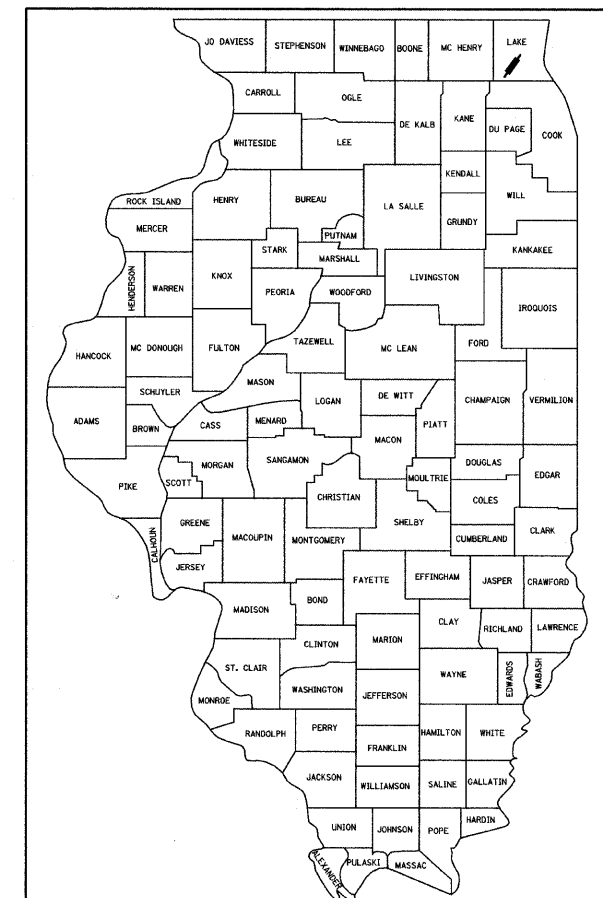
MAP SCALE: NO SCALE

IL 21 – GROSS LENGTH OF PROJECT = 9,700.00 FT. = 1.837 MI.
 IL 137 – GROSS LENGTH OF PROJECT = 1,119.84 FT. = 0.212 MI.
 NET LENGTH OF PROJECT = 10,819.84 FT. = 2.049 MI.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	128-I-3	LAKE	128	1
ILLINOIS		CONTRACT NO. 60P33		

D-91-199-00

*128+1 = 129



LOCATION OF SECTION INDICATED THIS: —

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED MARCH 25, 20 11

Dina M. O'Keefe
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ONE ENGINEER

May 13 20 11
Scott E. Still P.E.
 Acting ENGINEER OF DESIGN AND ENVIRONMENT

May 13 20 11
Christine M. Reed
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS**

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FILE NAME = sht-index.dgn	USER NAME = ID07	DESIGNED - EJM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS AND STATE STANDARDS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50,0000 "/>									

GENERAL NOTES:

1. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
2. FORTY-EIGHT HOURS BEFORE STARTING EXCAVATION, THE CONTRACTOR WILL CALL J.U.L.I.E. AT 1-800-892-0123 OR 811 TO HAVE THE LOCATION OF EXISTING UTILITIES STAKED.
3. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, AS REQUIRED, PRIOR TO COMMENCING WITH CONSTRUCTION. ARMY CORPS 404 PERMIT AND NPDES STORMWATER PERMIT ARE REQUIRED FOR THIS PROJECT.
4. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
5. POLLUTION CONTROL: THE CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH STATE REGULATIONS REGARDING AIR, WATER AND NOISE POLLUTION.
6. WHERE ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
7. ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09. TEMPORARY AGGREGATE ACCESS SHALL BE PROVIDED AT DRIVEWAYS AS DIRECTED BY THE ENGINEER.
8. EXISTING MAILBOXES THAT INTERFERE WITH CONSTRUCTION WILL BE RELOCATED AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE INCLUDED IN THE COST OF 'EARTH EXCAVATION'.
9. SAW CUTTING PRIOR TO THE REMOVAL OF ANY ITEMS NOTED ON THE PLANS OR AS DIRECTED BY THE ENGINEER SHALL BE INCLUDED IN THE COST OF THE ITEMS BEING REMOVED.
10. THE CONTRACTOR SHALL USE CARE IN REMOVING OR EXCAVATING NEAR ALL EXISTING ITEMS WHICH WILL REMAIN. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
11. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING DRAINAGE THROUGHOUT THE CONSTRUCTION OF THIS PROJECT.
12. THE REMOVAL OF EXISTING STORM SEWERS, DRAINAGE STRUCTURES AND ENTRANCE PIPE CULVERTS SHALL BE INCLUDED IN THE COST OF THE CONTRACT WHEN THEY WILL BE REMOVED AS PART OF EARTH EXCAVATION OR DURING THE INSTALLATION OF THE PROPOSED ITEMS OF WORK.
13. STORM SEWER (WATER MAIN REQUIREMENTS) IS TO BE USED AT LOCATIONS WHERE LATERAL SEPARATION BETWEEN THE SEWER AND WATER MAIN IS LESS THAN 10 FT. AND THE WATER MAIN INVERT IS LESS THAN 1.5 FT. ABOVE THE STORM SEWER CROWN.

GENERAL NOTES (CONTINUED):

14. LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE FROM BEST AVAILABLE RECORD INFORMATION AND MUST BE FIELD VERIFIED BY THE CONTRACTOR. PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO ROUTINE VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF THE WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED BASED UPON THE UNIT PRICE.
15. THE CONTRACTOR SHALL PROTECT EXISTING AND NEW UTILITIES AND SHALL BRACE AND SUPPORT THE UTILITIES PROPERLY IN ORDER TO PREVENT SETTLEMENT, DISPLACEMENT, OR DAMAGE TO THE UTILITIES. THE PROTECTION OF THE UTILITIES AS SPECIFIED HEREIN WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT.
16. THE CONTRACTOR WILL BE REQUIRED TO RELOCATE OR REMOVE AND REPLACE ALL ROAD SIGNS WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND TO TEMPORARILY RESET ALL SUCH SIGNS DURING ALL STAGES OF CONSTRUCTION. THIS WORK SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

ALL WORK INVOLVING ROAD SIGNS SHALL BE GOVERNED BY THE FOLLOWING REQUIREMENTS:

A. SIGNS SHALL NOT BE MOVED UNTIL NECESSITATED BY THE PROGRESS OF WORK.

B. EVERY SIGN REMOVED MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND VISIBLE TO TRAFFIC FOR WHICH IT IS INTENDED. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING.

C. ALL SIGNS SHALL BE RE-ERECTED AT PROPOSED LOCATIONS AS THE ROADWAY IS COMPLETED. HORIZONTAL LOCATION FROM THE EDGE OF PAVEMENT SHALL BE AS DIRECTED BY THE ENGINEER.

D. ALL UNUSED SIGNS SHALL BE RETURNED TO THE APPROPRIATE GOVERNING BODY AS DIRECTED BY THE ENGINEER.
17. THE RESIDENT ENGINEER SHALL CONTACT THE AREA TRAFFIC FIELD ENGINEER AT (847) 438-2300 AT LEAST TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

GENERAL NOTES (CONTINUED):

18. THE CONTRACTOR SHALL PREPARE IN-STREAM WORK PLANS (ALL COFFERDAMS, WORK PADS AND EROSION AND SEDIMENT CONTROL, ETC.) AND SUBMIT TO THE ENGINEER AND THE U.S. ARMY CORP OF ENGINEERS FOR REVIEW AND APPROVAL. THE CONTRACTOR SHOULD EXPECT TO HAVE TO ATTEND MEETINGS AT THE USACOE OFFICE TO DISCUSS THEIR WORK PLAN IN ORDER TO SECURE THEIR PERMIT. THE COST OF ALL IN-STREAM WORK ITEMS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
19. ALL TREE PROTECTION, TREE REMOVAL, PRUNING AND ROOT PRUNING SHALL BE COMPLETED BEFORE CONSTRUCTION OPERATIONS COMMENCE IN ANY AREA. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE ANY TREES UNLESS SPECIFICALLY DIRECTED BY THE ENGINEER.
20. THE CONTRACTOR SHALL TAKE EXTRA CARE IN GRADING AND EXCAVATING NEAR TREES WHICH ARE NOT MARKED FOR REMOVAL SO AS NOT TO CAUSE INJURY TO THE ROOT SYSTEM OR TRUNKS. HAND EXCAVATION SHALL BE PERFORMED IF MAJOR ROOTS ARE PRESENT. MAJOR ROOTS OF A TREE THAT ARE TO REMAIN IN PLACE EXTENDING INTO THE EXCAVATION AREAS AT AN ELEVATION THAT WOULD INTERFERE WITH ANY PORTION OF THE PLANNED CONSTRUCTION SHALL BE SEVERED AT A POINT IMMEDIATELY OUTSIDE OF THE EXCAVATION AREA IN A MANNER THAT WILL CAUSE THE LEAST AMOUNT OF SYSTEMIC TO THE REMAINING TREE STRUCTURE. THE EXPENSE OF ANY REQUIRED HAND EXCAVATION AND/OR THE CUTTING OF MAJOR TREE ROOTS, AS DESCRIBED ABOVE, SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT LINE ITEM BEING REMOVED OR INSTALLED AT THAT LOCATION. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE. SEE DETAIL ON SHEET NUMBER 4.
21. THE CONTRACTOR SHALL ERECT A TEMPORARY FENCE AROUND ALL TREES WITHIN THE CONSTRUCTION AREA TO ESTABLISH A "TREE PROTECTION ZONE" AND AROUND EXISTING WETLANDS TO ESTABLISH A "WETLAND PROTECTION ZONE" BEFORE ANY WORK BEGINS OR ANY MATERIAL IS DELIVERED TO THE JOBSITE. NO WORK IS TO BE PERFORMED (OTHER THAN ROOT PRUNING), MATERIALS STORED OR VEHICLES DRIVEN OR PARKED WITHIN THE "TREE PROTECTION ZONE" AND "WETLAND PROTECTION ZONE". REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED. SEE DETAIL ON SHEET NUMBER 4.
22. THE CONTRACTOR SHALL USE WET REFLECTIVE TEMPORARY TAPE, TYPE III FOR ALL TEMPORARY LANE MARKINGS ON ALL PERMANENT PAVEMENT. PAINT PAVEMENT MAKING SHALL BE USED ON SURFACES TO BE REMOVED OR OVERLAID.
23. THE RESIDENT ENGINEER SHALL BE INFORMED 48 HOURS IN ADVANCE OF ANY CHANGE IN CONSTRUCTION STAGING.

FILE NAME = sht-gennote.dgn	USER NAME = IDOT	DESIGNED - EJM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, PROJECT COMMITMENTS AND TRAFFIC CONTROL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 60.000000' / 1" IN.	DRAWN - BK	REVISED -			330	128-1-3	LAKE	128	3	
	PLOT DATE = 5/7/2011	CHECKED - GFL	REVISED -			CONTRACT NO. 60P33					
		DATE - 12/17/10	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					
					SCALE:	SHEET NO. 1 OF 2 SHEETS		STA.	TO STA.		

GENERAL NOTES (CONTINUED):

24. THE CONTRACTOR SHALL ATTACH AN ALUMINUM SIGN WITH THE FOLLOWING TEXT: PROTECTED WETLAND - NO INTRUSION. THE SIGN(S) SHALL BE ATTACHED TO THE STAKES BY A METHOD APPROVED BY THE ENGINEER. THE SIGN(S) WILL BE PROVIDED BY THE DEPARTMENT AND SHALL BE PICKED UP BY THE CONTRACTOR FROM THE DISTRICT ONE ROADSIDE DEVELOPMENT ARCHITECT IN SCHAUMBURG, ILLINOIS. SCHEDULING THE PICKUP OF THE SIGNS CAN BE ARRANGED BY CONTACTING THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT AT (847)705-4171. WHEN WORK HAS BEEN COMPLETED, THE SIGN SHALL BE RETURNED TO THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT. THE COST OF PICKING UP, ATTACHING THE SIGNS TO THE TEMPORARY FENCE STAKES AND RETURNING THE SIGNS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TEMPORARY FENCE.

25. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 4A, 4B, 5A (MODIFIED), AND WETLAND MIX SHALL BE FROM NOVEMBER 15 TO MARCH 15. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR WRITTEN APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AT HIS/HER EXPENSE.

26. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 2A SHALL BE FROM APRIL 1 TO JUNE 1 AND FROM AUGUST 15 TO SEPTEMBER 30. ALL SEEDING NOT SOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR WRITTEN APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AT THIS/HER EXPENSE.

27. THE ENGINEER WILL CONTACT FABIOLA QUIROZ OF THE ROADSIDE DEVELOPMENT UNIT AT (847) 705-4596, AT LEAST 7 DAYS PRIOR TO PLANTING FOR LAYOUT OF THE SEEDING, TREES, SHRUBS, VINES PERENNIALS, AND PLUGS.

PROJECT COMMITMENTS:

TREES ADJACENT TO THE LCFPD PROPERTY, INCLUDING THE ROW OF 11 SUGAR MAPLES IN FRONT OF LCFPD HEADQUARTERS, WILL BE PROTECTED.

AT WETLANDS ALONG THE PROJECT CORRIDOR (A, B/ADID 106, F/1,2,3), FENCES WILL BE ERECTED TO PREVENT INADVERTENT AND UNINTENTIONAL INTRUSION BY CONSTRUCTION EQUIPMENT AND PERSONNEL INTO SENSITIVE AREAS. SIGNS WARNING OF SENSITIVE AREAS WILL BE ERECTED.

TEMPORARY FENCES WILL BE ERECTED ADJACENT TO LCFPD PROPERTY TO PREVENT INADVERTENT AND UNINTENTIONAL INTRUSION BY CONSTRUCTION EQUIPMENT AND PERSONNEL. SIGNS WARNING OF SENSITIVE AREAS WILL BE ERECTED.

THERE WILL BE NO IN-STREAM WORK DURING ANY CALENDAR YEAR FROM APRIL 20 THROUGH JUNE 15 FOR THE DES PLAINES TRIBUTARY NO. 1 AND BULL CREEK.

ALL WETLANDS ALONG THE PROJECT CORRIDOR AND ALONE LAKE COUNTY FOREST PRESERVE DISTRICT PROPERTY (LCFPD), FENCES AND SIGNS WARNING OF SENSITIVE AREAS WILL BE ERECTED TO PREVENT UNAUTHORIZED ACCESS TO THESE AREAS.

RETAINING WALLS AND TREE WELLS WILL BE PLACED SO THAT TREE ROOTS ARE PROTECTED OUT OF THE DRIP LINE, OR THE TREES WILL BE PRUNED TO COMPENSATE FOR ROOT LOSS.

TRAFFIC CONTROL NOTES:

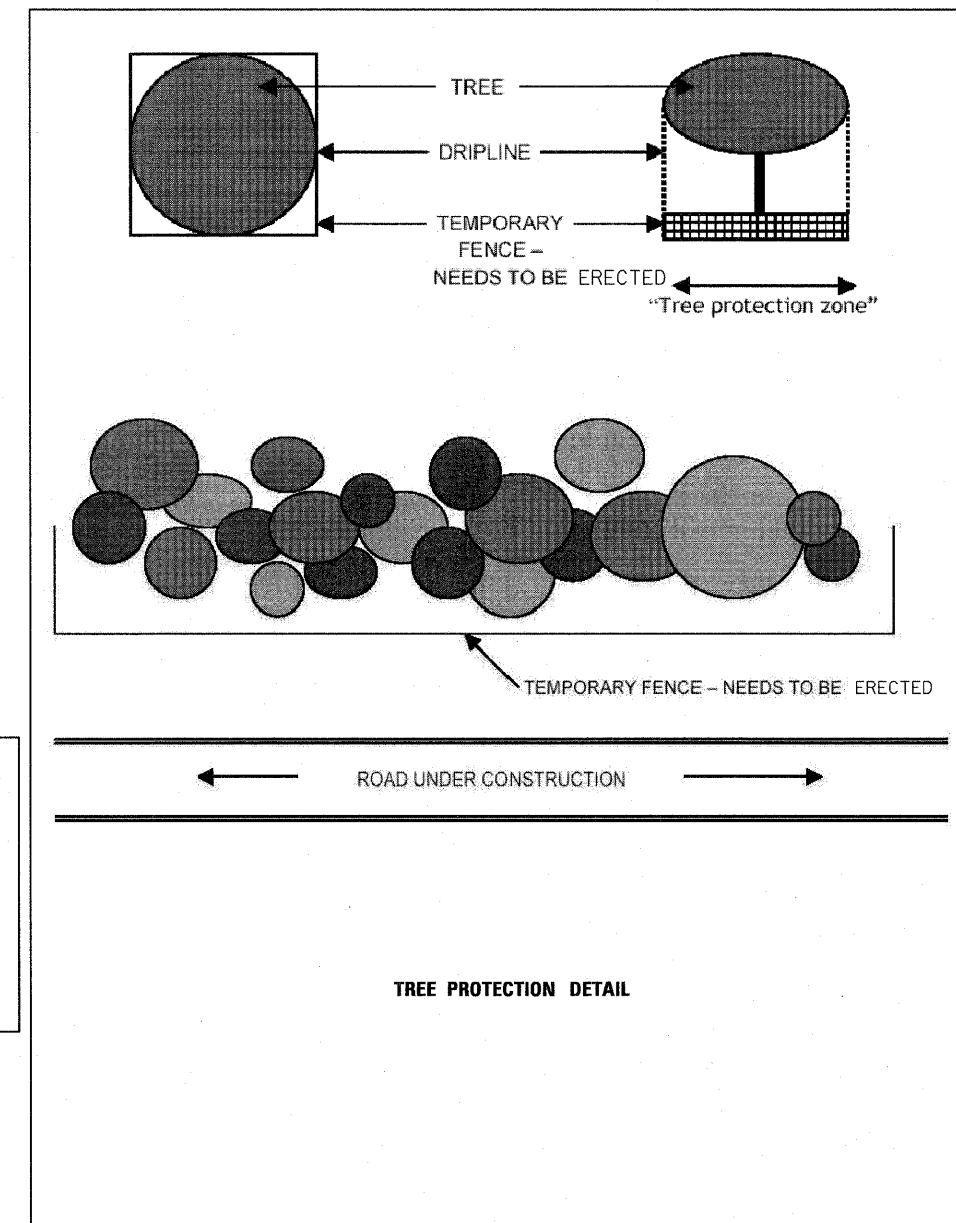
1. THE CONTRACTOR SHALL MAINTAIN SATISFACTORY INGRESS AND EGRESS TO ADJACENT PROPERTIES THROUGHOUT THE CONSTRUCTION.
2. TEMPORARY AGGREGATE ACCESS SHALL BE PROVIDED AT ALL DRIVEWAYS AS DIRECTED BY THE ENGINEER.
3. THE CONTRACTOR WILL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE USED. ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.
4. FLUORESCENT VESTS: ALL CONSTRUCTION PERSONNEL WILL BE REQUIRED TO WEAR FLUORESCENT VESTS AT ALL TIMES WHILE ON THE CONSTRUCTION SITE. COMPLIANCE WITH THIS REQUIREMENT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
5. EXISTING TRAFFIC CONTROL SIGNS AND MESSAGES THAT ARE IN CONFLICT WITH THE PROPOSED MAINTENANCE OF TRAFFIC SHALL BE TEMPORARILY COVERED OR MODIFIED WITH TEMPORARY OVERLAY AS SHOWN IN PLANS AND AS DIRECTED BY THE ENGINEER.
6. TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH STANDARD 701901.
7. THE CONTRACTOR IS ADVISED THAT IN THE EVENT OF SNOW, HE WILL BE RESPONSIBLE FOR THE IMMEDIATE REMOVAL OF ANY MAINTENANCE OF TRAFFIC PROTECTIVE DEVICES THAT WOULD INTERFERE WITH SNOW REMOVAL OPERATIONS PERFORMED BY THE STATE OR LOCAL AGENCIES.
8. TYPE III BARRICADES SHALL BE PLACED AT BOTH ENDS OF THE CLOSED PORTION OF ROADS UNDER CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ENOUGH TYPE III BARRICADES TO CROSS THE ENTIRE ROADWAY AS DEPICTED ON THE PLANS.
9. THE WORK INCLUDES TREE REMOVAL, GRADING, STORM SEWER AND STORM LATERALS AND TEMPORARY PAVEMENT, DITCHES, AND PIPE EXTENSIONS. SEEDING BOTH TEMPORARY AND PERMANENT AND EROSION CONTROL TREATMENTS ARE ALSO INCLUDED IN THE WORK.

THE AFORESAID WORK WILL BE ACCOMPLISHED BY UTILIZING STANDARD 701006-03, STANDARD 701201-04, STANDARD 701301-04, STANDARD 701326-04, STANDARD 701501-06, STANDARD 701701-07, AND/OR DISTRICT 1 STANDARD TC-10.

10. ONCE CONSTRUCTION HAS STARTED, "ROAD CONSTRUCTION AHEAD" SIGNS, W20-I103(0)-48 WILL BE PLACED IN ADVANCE OF THE WORK AT LOCATIONS DIRECTED BY THE ENGINEER AND WILL REMAIN THROUGH THE DURATION OF THE CONTRACT. EACH OF THESE SIGNS WILL HAVE A MONODIRECTIONAL FLASHING LIGHT AND APPROPRIATE DIRECTIONAL ARROW. THIS ITEM OF WORK WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE VARIOUS TRAFFIC CONTROL ITEMS.

TRAFFIC CONTROL NOTES (CONTINUED):

11. BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE USED. (ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL). NO SAND BAGS WILL BE ALLOWED ON TOP OF THE BARRICADES. FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SANDBAGS PER BARRICADE.
12. THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.



TREE PROTECTION DETAIL

FILE NAME = sh1-gennote2.dgn	USER NAME = IDDT	DESIGNED - EJM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, PROJECT COMMITMENTS AND TRAFFIC CONTROL NOTES			F.A.P. RTE. 330	SECTION 128-I-3	COUNTY LAKE	TOTAL SHEETS 128	SHEET NO. 4
	PLOT SCALE = 60,000000' / IN.	DRAWN - BK	REVISED -		SCALE:	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.	CONTRACT NO. 60P33			
	PLOT DATE = 5/7/2011	CHECKED - GFL	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
		DATE - 12/17/10	REVISED -									

				CONSTRUCTION CODE	
				100% LAKE CO.	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0003 URBAN	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	5135	5135	
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	2746	2746	
20101000	TEMPORARY FENCE	FOOT	8512	8512	
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	50	50	
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	50	50	
20200100	EARTH EXCAVATION	CU YD	15,208	15,208	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1861	1861	
20400800	FURNISHED EXCAVATION	CU YD	1000	1000	
20800150	TRENCH BACKFILL	CU YD	140	140	
21101815	TOPSOIL FURNISH AND PLACE, 1"	SQ YD	66872	66872	
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	4067	4067	
21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	14710	14710	
21101805	COMPOST FURNISH AND PLACE, 2"	SQ YD	16,931	16,931	
25000210	SEEDING, CLASS 2A	ACRE	2.72	2.72	
25000310	SEEDING, CLASS 4	ACRE	2.11	2.11	
25000312	SEEDING, CLASS 4A	ACRE	0.27	0.27	
25000322	SEEDING, CLASS 5A	ACRE	2.11	2.11	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	525	525	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	525	525	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	525	525	
25100105	MULCH METHOD 1	ACRE	2	2	
25100630	EROSION CONTROL BLANKET	SQ YD	65872	65872	
25100115	MULCH METHOD 2	ACRE	2	2	
25100900	TURF REINFORCEMENT MAT	SQ YD	1864	1864	
25100125	MULCH METHOD 3	ACRE	2	2	
28000200	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	25	25	
25100135	MULCH METHOD 4	ACRE	2	2	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	2282	2282	
28000305	TEMPORARY DITCH CHECKS	FOOT	432	432	
28000400	PERIMETER EROSION BARRIER	FOOT	7645	7645	
28000500	INLET AND PIPE PROTECTION	EACH	2	2	
28001000	AGGREGATE (EROSION CONTROL)	TON	12	12	
28100103	STONE RIPRAP, CLASS A2	SQ YD	40	40	

* SPECIALITY ITEM

Rev.

FILE NAME = sht-soq001.dgn	USER NAME = IDOT	DESIGNED - EJM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - BK	REVISED -		330	128-1-3	LAKE	128	5				
PLOT SCALE = 50,0000' / IN.		CHECKED - GFL	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 60P33				
PLOT DATE = 4/1/2011		DATE - 12/17/10	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT								

				CONSTRUCTION CODE	
				100% LAKE CD.	
				ROADWAY	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0003 URBAN	
28100203	STONE RIPRAP, CLASS A2	TON	13	13	
28200200	FILTER FABRIC	SQ YD	40	40	
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1808	1808	
40600300	AGGREGATE (PRIME COAT)	TON	27.1	27.1	
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES,	TON	60	60	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	887	887	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1043	1043	
44002216	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 4"	SQ YD	268	268	
44004250	PAVED SHOULDER REMOVAL	SQ YD	2687	2687	
44201749	CLASS D PATCHES, TYPE I, 9 INCH	SQ YD	5	5	
44201753	CLASS D PATCHES, TYPE II, 9 INCH	SQ YD	221	221	
50104400	CONCRETE HEADWALL REMOVAL	EACH	1	1	
50105220	PIPE CULVERT REMOVAL	FOOT	105	105	
5421A012	PIPE CULVERTS, CLASS A, TYPE 1 12" (TEMPORARY)	FOOT	66	66	
5421A024	PIPE CULVERTS, CLASS A, TYPE 1 24" (TEMPORARY)	FOOT	16	16	
5421A030	PIPE CULVERTS, CLASS A, TYPE 1 30" (TEMPORARY)	FOOT	12	12	
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	145	145	
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	71	71	
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	84	84	
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	59	59	
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	265	265	
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	321	321	
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	362	362	
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	2	2	
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	2	2	
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1	1	
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2	2	
54247110	GRATING FOR CONCRETE FLARED END SECTION, 18"	EACH	1	1	
54247130	GRATING FOR CONCRETE FLARED END SECTION, 24"	EACH	2	2	

* SPECIALITY ITEM

FILE NAME =
sh1-soq802.dgn

USER NAME = IDOT

DESIGNED - EJM

REVISED -

PLOT SCALE = 50.0000' / IN.

DRAWN - BK

REVISED -

PLOT DATE = 4/1/2011

CHECKED - GFL

REVISED -

DATE - 12/17/10

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	128-I-3	LAKE	128	6

CONTRACT NO. 60P33

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

Rev.

				CONSTRUCTION CODE	
				100% LAKE CO.	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0003 URBAN	
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE I FRAME, CLOSED LID	EACH	6	6	
60500060	REMOVING INLETS	EACH	2	2	
63301000	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL	FOOT	50	50	
X6700410	ENGINEER'S FIELD OFFICE, TYPE A, (SPECIAL)	CAL MO	6	6	
67100100	MOBILIZATION	L SUM	1	1	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	96	96	
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	6	6	
* 70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	5400	5400	
* 70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1800	1800	
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	5400	5400	
78200410	GUARDRAIL MARKERS, TYPE A	EACH	2	2	
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	1	1	
Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	334	334	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
Z0022800	FENCE REMOVAL	FOOT	1195	1195	
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	52	52	
Z0042002	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	1000	1000	
Z0062456	TEMPORARY PAVEMENT	SQ YD	9040	9040	
Z0064800	SELECTIVE CLEARING	UNIT	10	10	
X2510635	HEAVY DUTY EROSION CONTROL BLANKET, SPECIAL	SQ YD	16,931	16,931	
X2600400	PERIMETER EROSION BARRIER, SPECIAL	FOOT	0166	0166	
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	1	1	
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	5	5	
X6020094	MANHOLES, TYPE A, 6'-DIAMETER, TYPE I FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	1	1	
X0327301	RELOCATE EXISTING MAILBOX	EACH	1	1	
X0110055	PERENNIAL WETLAND EMERGENT	ACRE	0.74	0.74	

* SPECIALITY ITEM

FILE NAME = sht-soq003.dgn

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REVISED -

PLOT SCALE = 50,0000' / IN.

DRAWN - BK

REVISED -

PLOT DATE = 4/1/2011

CHECKED - GFL

REVISED -

DATE - 12/17/10

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	128-1-3	LAKE	128	7

CONTRACT NO. 60P33

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

Rev.

TREE REMOVAL (CONT.)

Table with columns: LOCATION, STATION, OFFSET, LT/RT, TREE REMOVAL 6 TO 15 UNITS (UNITS), TREE REMOVAL OVER 15 UNITS (UNITS). Rows include locations from IL ROUTE 21 (MILWAUKEE AVENUE) with various station numbers and offsets.

TREE REMOVAL (CONT.)

Table with columns: LOCATION, STATION, OFFSET, LT/RT, TREE REMOVAL 6 TO 15 UNITS (UNITS), TREE REMOVAL OVER 15 UNITS (UNITS). Rows include locations from IL ROUTE 21 (MILWAUKEE AVENUE) with various station numbers and offsets.

TREE REMOVAL (CONT.)

Table with columns: LOCATION, STATION, OFFSET, LT/RT, TREE REMOVAL 6 TO 15 UNITS (UNITS), TREE REMOVAL OVER 15 UNITS (UNITS). Rows include locations from IL ROUTE 21 (MILWAUKEE AVENUE) with various station numbers and offsets.

Project metadata and schedule table. Includes fields for FILE NAME, USER NAME, DESIGNED, REVISED, DRAWN, CHECKED, DATE, SCALE, SHEET NO., OF SHEETS, STA. TO STA., SCHEDULE OF QUANTITIES, F.A.P. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO., and FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT.

TREE REMOVAL (CONT.)

LOCATION	STATION	OFFSET	LT/RT	20100110	20100210
				TREE REMOVAL 6 TO 15 UNITS (UNITS)	TREE REMOVAL OVER 15 UNITS (UNITS)
IL ROUTE 137 (BUCKLEY ROAD)	464+47.10	146.28	LT	8	
IL ROUTE 137 (BUCKLEY ROAD)	464+48.06	154.65	LT	6	
IL ROUTE 137 (BUCKLEY ROAD)	464+48.63	298.65	LT	6	
IL ROUTE 137 (BUCKLEY ROAD)	464+52.18	145.48	LT	7	
IL ROUTE 137 (BUCKLEY ROAD)	464+52.64	148.58	LT	6	
IL ROUTE 137 (BUCKLEY ROAD)	464+52.69	211.3	LT	7	
IL ROUTE 137 (BUCKLEY ROAD)	464+58.74	321	LT	7	
IL ROUTE 137 (BUCKLEY ROAD)	464+59.53	224.75	LT	7	
IL ROUTE 137 (BUCKLEY ROAD)	464+64.75	162.15	LT	11	
IL ROUTE 137 (BUCKLEY ROAD)	464+66.70	173.65	LT	7	
IL ROUTE 137 (BUCKLEY ROAD)	464+68.33	194.28	LT	7	
IL ROUTE 137 (BUCKLEY ROAD)	464+69.15	204.82	LT	6	
IL ROUTE 137 (BUCKLEY ROAD)	464+71.02	134.88	LT	7	
IL ROUTE 137 (BUCKLEY ROAD)	464+71.71	259.44	LT	5.5	
IL ROUTE 137 (BUCKLEY ROAD)	464+74.92	160.34	LT	7	
IL ROUTE 137 (BUCKLEY ROAD)	464+76.83	170.35	LT	6	
IL ROUTE 137 (BUCKLEY ROAD)	464+78.80	297.9	LT	6	
IL ROUTE 137 (BUCKLEY ROAD)	464+85.77	254.64	LT	9	
IL ROUTE 137 (BUCKLEY ROAD)	464+89.44	325.23	LT	6.5	
IL ROUTE 137 (BUCKLEY ROAD)	464+94.22	126.96	LT	8.5	
IL ROUTE 137 (BUCKLEY ROAD)	464+96.28	187.22	LT	9	
IL ROUTE 137 (BUCKLEY ROAD)	465+01.21	131.65	LT	10.5	
IL ROUTE 137 (BUCKLEY ROAD)	465+01.79	334.23	LT	10	
IL ROUTE 137 (BUCKLEY ROAD)	465+04.97	144.7	LT	10	
IL ROUTE 137 (BUCKLEY ROAD)	465+05.33	176.25	LT	9	
IL ROUTE 137 (BUCKLEY ROAD)	465+11.58	176.04	LT	8	
IL ROUTE 137 (BUCKLEY ROAD)	465+11.92	287.29	LT	6	
IL ROUTE 137 (BUCKLEY ROAD)	465+11.93	291.6	LT	6	
IL ROUTE 137 (BUCKLEY ROAD)	465+14.26	198.12	LT	7	
IL ROUTE 137 (BUCKLEY ROAD)	465+14.52	207.39	LT	8	
IL ROUTE 137 (BUCKLEY ROAD)	465+22.18	288.25	LT	6	
IL ROUTE 137 (BUCKLEY ROAD)	465+23.44	132.83	LT	6	
IL ROUTE 137 (BUCKLEY ROAD)	465+45.33	309.98	LT	7.5	
IL ROUTE 137 (BUCKLEY ROAD)	465+49.90	260.14	LT		16
IL ROUTE 137 (BUCKLEY ROAD)	465+50.71	207.31	LT	12	
IL ROUTE 137 (BUCKLEY ROAD)	465+53.07	234.08	LT	8	
TOTAL				5135	2746

IL21 EARTHWORK							
LOCATION		EARTH EXC (CUYD)	EARTH EXC ADJ SHRINK 15% EARTH (CUYD)	EMBANK (FILL) (CUYD)	EARTHWORK BALANCE WASTE (+) SHORTAGE (-) (CUYD)	REM AND DISP OF UNSUIT MATERIAL* (CUYD)	TOPSOIL EXCAVATION AND PLACEMENT (CUYD)
STATION	TO STATION						
STAGE 1							
175+00.00	189+00.00	10,068	8,568	5,024	3,534	0	2,822
189+00.00	204+00.00	3,627	3,083	169	2,914	0	476
204+00.00	219+00.00	42	36	63	-27	0	31
219+00.00	233+00.00	76	65	1,104	-1,040	120	168
233+00.00	248+00.00	121	103	1,581	-1,477	693	268
248+00.00	263+00.00	561	477	172	304	524	164
263+00.00	277+00.00	712	605	394	211	524	138
277+00.00	291+15.93	0	0	0	0	0	0
TOTAL=		15,208	12,927	8,508	4,419	1,861	4,067

*8" EXISTING TOPSOIL REMOVAL

2800400			
PERMETER EROSION BARRIER			
STATION	TO STATION	LT/RT	LENGTH
			FT
178+00	187+20	LT	1604
193+50	204+00	LT	1063
204+00	205+00	LT	100
217+60	219+00	LT	140
219+00	223+70	LT	486
224+50	231+96	LT	758
232+31	233+00	LT	70
233+00	237+31	LT	432
237+41	238+59	LT	120
238+94	242+06	LT	311
242+36	248+00	LT	560
249+98	255+09	LT	506
256+00	263+00	LT	693
263+00	265+44	LT	244
266+20	271+43	LT	558
TOTAL			7645

20101000			
TEMPORARY FENCE			
STATION	TO STATION	LT/RT	LENGTH
			FT
178+00	187+20	LT	1604
193+50	204+00	LT	1063
204+00	205+00	LT	100
217+60	219+00	LT	140
219+00	223+70	LT	486
224+50	231+96	LT	758
232+31	233+00	LT	70
233+00	237+31	LT	432
237+41	238+59	LT	120
238+94	242+06	LT	311
242+36	248+00	LT	560
249+98	255+09	LT	506
256+00	263+00	LT	693
263+00	265+44	LT	244
266+20	271+43	LT	558
462+90	467+49	LT	867
TOTAL			8512

2800305		
TEMPORARY DITCH CHECKS		
STATION	OFFSET	LENGTH
		FT
195+19	58.4' LT	12
196+70	70.9' LT	12
198+19	75.3' LT	12
199+70	72.9' LT	12
201+19	72.4' LT	12
202+70	69.5' LT	12
203+59	67.4' LT	12
204+04	64.0' LT	12
219+00	47.6' LT	12
219+60	48.9' LT	12
220+00	48.9' LT	12
222+00	44.6' LT	12
223+00	46.8' LT	12
225+07	39.0' LT	12
226+00	38.7' LT	12
237+59	43.3' LT	12
238+15	40.9' LT	12
239+28	42.0' LT	12
240+00	38.8' LT	12
240+75	37.4' LT	12
241+42	34.1' LT	12
253+54	32.7' LT	12
254+12	31.6' LT	12
254+83	33.3' LT	12
256+00	31.7' LT	12
256+97	30.3' LT	12
257+97	31.8' LT	12
258+45	32.4' LT	12
260+22	32.1' LT	12
261+16	31.5' LT	12
261+79	30.6' LT	12
262+70	31.0' LT	12
263+67	31.8' LT	12
264+49	32.0' LT	12
267+12	40.0' LT	12
269+12	43.6' LT	12
TOTAL		432

44000200		
DRIVEWAY PAVEMENT REMOVAL		
STATION	LT/RT	AREA
		SQ YD
232+15	LT	144.2
238+82	LT	151.7
242+23	LT	77.0
249+75	LT	60.9
255+31	LT	85.2
265+79	LT	368.0
TOTAL		887.0

FILE NAME =
sht-schedule001.dgn

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PLOT SCALE = 50.0000' / IN.	DRAWN - BK	REVISED -
PLOT DATE = 5/7/2011	CHECKED - GFL	REVISED -
	DATE - 12/17/10	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 128-1-3	COUNTY LAKE	TOTAL SHEETS 128	SHEET NO. 11
CONTRACT NO. 60P33				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

ZD062456			
TEMPORARY PAVEMENT			
STATION	TO STATION	LT/ RT	AREA
			SQ YD
218+00	223+50	LT	792.0
225+00	230+00	LT	1285.7
230+00	234+00	LT	1011.7
234+00	237+00	LT	637.3
237+00	242+00	LT	717.8
242+00	244+00	LT	252.0
244+00	248+00	LT	530.7
248+00	251+00	LT	296.4
251+00	256+00	LT	376.4
256+00	260+00	LT	445.1
260+00	263+00	LT	623.6
263+00	267+00	LT	944.9
267+00	272+42	LT	1125.7
TOTAL			9039.2
USE			9040

XX000610		
RELOCATE EXISTING MAILBOX		
STATION	OFFSET	EACH
	FT	
242+37	26' LT	1
TOTAL		1

ZD042002				
POROUS GRANULAR EMBANKMENT, SUBGRADE				
STATION	TO STATION	LT/ RT	AREA	VOLUME
			SQ YD	CJ YD
239+00	242+00	LT	430.7	142.1
242+00	244+00	LT	252.0	83.2
244+00	245+00	LT	265.3	87.6
248+50	251+00	LT	247.0	163.0
251+00	254+00	LT	225.9	149.1
269+70	272+42	LT	564.9	372.8
TOTAL				997.8
USE				1000

ZD022800			
FENCE REMOVAL			
STATION	TO STATION	LT/ RT	LENGTH
			FT
225+00.00	226+36.00	LT	165
227+39.00	227+96.00	LT	58
243+33.00	248+00.00	LT	623
249+30.00	249+49.00	LT	19
268+20.00	271+50.00	LT	330
TOTAL			1195

25100900				
TURF REINFORCEMENT MAT				
STATION	OFFSET	WIDTH	LENGTH	AREA
	FT	FT	FT	SQ YD
181+50	330' LT	85	180	1700.0
181+60	140' LT	15	30	50.0
183+60	98' LT	15	15	25.0
195+10	58' LT	10	20	22.2
196+23	62' LT	10	20	22.2
197+25	65' LT	10	20	22.2
203+80	63' LT	10	20	22.2
TOTAL				1863.9
USE				1864

ZD013797				
STABILIZED CONSTRUCTION ENTRANCE				
STATION	OFFSET	WIDTH	LENGTH	AREA
	FT	FT	FT	SQ YD
184+00	75' LT	20	70	155.6
463+60	50' LT	20	80	177.8
TOTAL				333.3
USE				334

STATION	LT/ RT	X4021000	X4022000
		TEMP ACCESS (PRV DRIVE)	TEMP ACCESS (COMM DRIVE)
		EACH	EACH
232+20	LT		1
238+84	LT		1
242+26	LT		1
250+02	LT	1	
255+26	LT		1
265+60	LT		1
TOTAL		1	5

44004250			
PAVED SHOULDER REMOVAL			
STATION	TO STATION	LT/ RT	AREA
			SQ YD
218+00.00	219+00.00	LT	50.7
219+00.00	233+00.00	LT	761.1
233+00.00	248+00.00	LT	1133.4
248+00.00	263+00.00	LT	478.2
263+00.00	268+00.00	LT	263.0
TOTAL			2686.4
USE			2687

44000500			
COMB. CURB AND GUTTER REMOVAL			
STATION	TO STATION	LT/ RT	LENGTH
			FT
255+58.00	262+23.00	LT	663
265+70.00	265+90.00	LT	20
267+94.00	271+54.00	LT	360
TOTAL			1043

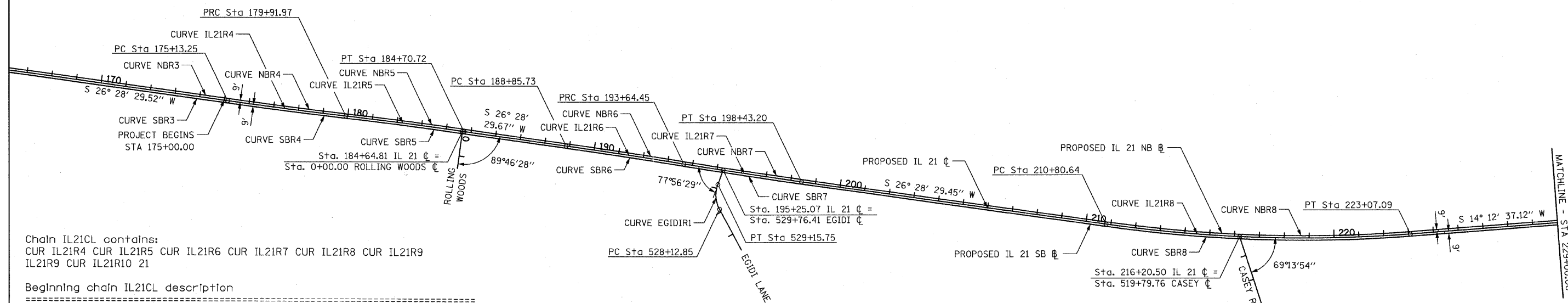
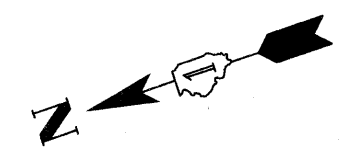
FILE NAME =	USER NAME = IDOT	DESIGNED - EJM	REVISED -
sh1-schedule001.dgn		DRAWN - BK	REVISED -
	PLOT SCALE = 50.0000' / IN.	CHECKED - GFL	REVISED -
	PLOT DATE = 5/7/2011	DATE - 12/17/10	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	128-I-3	LAKE	129	12
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60P33	



Chain IL21CL contains:
 CUR IL21R4 CUR IL21R5 CUR IL21R6 CUR IL21R7 CUR IL21R8 CUR IL21R9
 IL21R9 CUR IL21R10 21

Beginning chain IL21CL description

Course from PT IL21R3 to PC IL21R4 S 26° 28' 29.52" W Dist 5,067.6742'

Curve Data

Curve IL21R4

P.I. Station 177+52.62 N 2,063,171.1506 E 1,086,750.7415
 Delta = 1° 11' 48.52" (LT)
 Degree = 0° 15' 00.00"
 Tangent = 239.3708'
 Length = 478.7242'
 Radius = 22,918.3120'
 External = 1.2500'
 Long Chord = 478.7155'
 Mid. Ord. = 1.2500'
 P.C. Station 175+13.25 N 2,063,385.4186 E 1,086,857.4542
 P.T. Station 179+91.97 N 2,062,954.7005 E 1,086,648.5274
 C.C. N 2,053,168.3163 E 1,107,372.3231

Course from PT IL21R4 to PC IL21R5 S 25° 16' 41.00" W Dist 0.0061'

Curve Data

Curve IL21R5

P.I. Station 182+31.36 N 2,062,738.2370 E 1,086,546.3070
 Delta = 1° 11' 48.67" (RT)
 Degree = 0° 15' 00.00"
 Tangent = 239.3794'
 Length = 478.7414'
 Radius = 22,918.3120'
 External = 1.2501'
 Long Chord = 478.7327'
 Mid. Ord. = 1.2500'
 P.C. Station 179+91.98 N 2,062,954.6949 E 1,086,648.5248
 P.T. Station 184+70.72 N 2,062,523.9614 E 1,086,439.5903
 C.C. N 2,072,741.0791 E 1,065,924.7291

Course from PT IL21R5 to PC IL21R6 S 26° 28' 29.67" W Dist 415.0058'

Curve Data

Curve IL21R6

P.I. Station 191+25.10 N 2,061,938.2088 E 1,086,147.8650
 Delta = 1° 11' 48.53" (RT)
 Degree = 0° 15' 00.00"
 Tangent = 239.3715'
 Length = 478.7256'
 Radius = 22,918.3120'
 External = 1.2500'
 Long Chord = 478.7169'
 Mid. Ord. = 1.2500'
 P.C. Station 188+85.73 N 2,062,152.4773 E 1,086,254.5782
 P.T. Station 193+64.45 N 2,061,726.2159 E 1,086,036.6997
 C.C. N 2,072,369.5951 E 1,065,739.7170

Course from PT IL21R6 to PC IL21R7 S 27° 40' 18.21" W Dist 0.0011'

Curve Data

Curve IL21R7

P.I. Station 196+03.84 N 2,061,514.2113 E 1,085,925.5282
 Delta = 1° 11' 48.75" (LT)
 Degree = 0° 15' 00.00"
 Tangent = 239.3836'
 Length = 478.7498'
 Radius = 22,918.3120'
 External = 1.2502'
 Long Chord = 478.7411'
 Mid. Ord. = 1.2501'
 P.C. Station 193+64.45 N 2,061,726.2149 E 1,086,036.6991
 P.T. Station 198+43.20 N 2,061,299.9318 E 1,085,818.8098
 C.C. N 2,051,082.8357 E 1,106,333.6818

Course from PT IL21R7 to PC IL21R8 S 26° 28' 29.45" W Dist 1,237.4351'

Curve Data

Curve IL21R8

P.I. Station 216+96.22 N 2,059,641.2430 E 1,084,992.7270
 Delta = 12° 15' 52.33" (LT)
 Degree = 1° 00' 00.00"
 Tangent = 615.5791'
 Length = 1,226.4536'
 Radius = 5,729.5780'
 External = 32.9737'
 Long Chord = 1,224.1134'
 Mid. Ord. = 32.7850'
 P.C. Station 210+80.64 N 2,060,192.2664 E 1,085,267.1552
 P.T. Station 223+07.09 N 2,059,044.4999 E 1,084,841.6135
 C.C. N 2,057,637.9924 E 1,090,395.8732

Course from PT IL21R8 to PC IL21R9 S 14° 12' 37.12" W Dist 2,059.6043'

FILE NAME = sht-align-001.dgn	USER NAME = IDOT	DESIGNED - EJM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT TIES AND BENCHMARKS				F.A.P. RTE. 330	SECTION 128-I-3	COUNTY LAKE	TOTAL SHEETS 128	SHEET NO. 13
					SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 60P33		
					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT								

Course from PT IL21R8 to PC IL21R9 S 14° 12' 37.12" W Dist 2,059.6043'

Curve Data

Curve IL21R9

P.I. Station 252+29.11 N 2,056,211.8920 E 1,084,124.3110
 Delta = 46° 11' 37.70" (LT)
 Degree = 2° 50' 00.00"
 Tangent = 862.4139'
 Length = 1,630.3696'
 Radius = 2,022.2040'
 External = 176.2197'
 Long Chord = 1,586.5703'
 Mid. Ord. = 162.0944'
 P.C. Station 243+66.70 N 2,057,047.9171 E 1,084,336.0180
 P.T. Station 259+97.07 N 2,055,480.3919 E 1,084,581.1100
 C.C. N 2,056,551.5027 E 1,086,296.3449

Course from PT IL21R9 to PC IL21R10 S 31° 59' 00.58" E Dist 1,506.4984'

Curve Data

Curve IL21R10

P.I. Station 281+73.24 N 2,053,634.5620 E 1,085,733.7733
 Delta = 19° 53' 17.00" (RT)
 Degree = 1° 30' 00.00"
 Tangent = 669.6727'
 Length = 1,325.8705'
 Radius = 3,819.7190'
 External = 58.2592'
 Long Chord = 1,319.2243'
 Mid. Ord. = 57.3839'
 P.C. Station 275+03.56 N 2,054,202.5788 E 1,085,379.0645
 P.T. Station 288+29.44 N 2,052,979.7561 E 1,085,874.0970
 C.C. N 2,052,179.3695 E 1,082,139.1761

Course from PT IL21R10 to 21 S 12° 05' 43.58" E Dist 286.4933'

Point 21 N 2,052,699.6230 E 1,085,934.1290 Sta 291+15.93

=====
 Ending chain IL21CL description



Chain IL137CL contains:
 201 202 203

Beginning chain IL137CL description

=====
 Point 201 N 2,054,401.8310 E 1,084,053.8040 Sta 448+15.16
 Course from 201 to 202 S 89° 51' 07.98" E Dist 1,184.8129'
 Point 202 N 2,054,398.7750 E 1,085,238.6130 Sta 459+99.97
 Course from 202 to 203 S 89° 20' 45.04" E Dist 1,195.5949'
 Point 203 N 2,054,385.1250 E 1,086,434.1300 Sta 471+95.57

=====
 Ending chain IL137CL description

FILE NAME = sht-align-002.dgn	USER NAME = IDOT	DESIGNED - EJM	REVISED -
		DRAWN - BK	REVISED -
		CHECKED - GFL	REVISED -
		DATE - 12/17/10	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT TIES AND BENCHMARKS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 128-1-3	COUNTY LAKE	TOTAL SHEETS 128	SHEET NO. 14
CONTRACT NO. 60P33				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

Chain IL21NB contains:
CUR NBR3 CUR NBR4 CUR NBR5 CUR NBR6 CUR NBR7 CUR NBR8 CUR NBR9 102 103 CUR NBR-
10 CUR NBR11 108

Beginning chain IL21NB description
=====

Curve Data

Curve NBR3

P.I. Station 2+94.32 N 2,068,181.0839 E 1,089,255.9130
Delta = 2° 56' 41.34" (LT)
Degree = 0° 30' 01.41"
Tangent = 294.3151'
Length = 588.5006'
Radius = 11,450.1560'
External = 3.7819'
Long Chord = 588.4358'
Mid. Ord. = 3.7807'
P.C. Station 0+00.00 N 2,068,437.4456 E 1,089,400.4815
P.T. Station 5+88.50 N 2,067,917.6336 E 1,089,124.7058
C.C. N 2,062,813.0947 E 1,099,374.0841

Course from PT NBR3 to PC NBR4 S 26° 28' 29.52" W Dist 5,067.6742'

Curve Data

Curve NBR4

P.I. Station 58+95.45 N 2,063,167.2225 E 1,086,758.8396
Delta = 1° 11' 48.52" (LT)
Degree = 0° 15' 00.35"
Tangent = 239.2768'
Length = 478.5362'
Radius = 22,909.3120'
External = 1.2495'
Long Chord = 478.5275'
Mid. Ord. = 1.2495'
P.C. Station 56+56.17 N 2,063,381.4063 E 1,086,865.5104
P.T. Station 61+34.71 N 2,062,950.8574 E 1,086,656.6656
C.C. N 2,053,168.3163 E 1,107,372.3231

Course from PT NBR4 to PC NBR5 S 25° 16' 40.99" W Dist 0.0061'

Curve Data

Curve NBR5

P.I. Station 63+74.19 N 2,062,734.3089 E 1,086,554.4051
Delta = 1° 11' 48.67" (RT)
Degree = 0° 14' 59.65"
Tangent = 239.4734'
Length = 478.9294'
Radius = 22,927.3120'
External = 1.2506'
Long Chord = 478.9207'
Mid. Ord. = 1.2505'
P.C. Station 61+34.72 N 2,062,950.8518 E 1,086,656.6630
P.T. Station 66+13.65 N 2,062,519.9491 E 1,086,447.6464
C.C. N 2,072,741.0791 E 1,065,924.7291

Course from PT NBR5 to PC NBR6 S 26° 28' 29.67" W Dist 415.0058'

Curve Data

Curve NBR6

P.I. Station 72+68.12 N 2,061,934.1124 E 1,086,155.8793
Delta = 1° 11' 48.53" (RT)
Degree = 0° 14' 59.65"
Tangent = 239.4655'
Length = 478.9136'
Radius = 22,927.3120'
External = 1.2505'
Long Chord = 478.9049'
Mid. Ord. = 1.2505'
P.C. Station 70+28.65 N 2,062,148.4651 E 1,086,262.6344
P.T. Station 75+07.57 N 2,061,722.0363 E 1,086,044.6703
C.C. N 2,072,369.5951 E 1,065,739.7170

Course from PT NBR6 to PC NBR7 S 27° 40' 18.16" W Dist 0.0011'

Curve Data

Curve NBR7

P.I. Station 77+46.86 N 2,061,510.1149 E 1,085,933.5425
Delta = 1° 11' 48.75" (LT)
Degree = 0° 15' 00.35"
Tangent = 239.2896'
Length = 478.5618'
Radius = 22,909.3120'
External = 1.2497'
Long Chord = 478.5531'
Mid. Ord. = 1.2496'
P.C. Station 75+07.57 N 2,061,722.0352 E 1,086,044.6697
P.T. Station 79+86.13 N 2,061,295.9196 E 1,085,826.8660
C.C. N 2,051,082.8357 E 1,106,333.6818

Course from PT NBR7 to PC NBR8 S 26° 28' 29.45" W Dist 1,237.4351'

Curve Data

Curve NBR8

P.I. Station 98+38.18 N 2,059,638.0963 E 1,085,001.2142
Delta = 12° 15' 52.33" (LT)
Degree = 1° 00' 05.66"
Tangent = 614.6121'
Length = 1,224.5271'
Radius = 5,720.5780'
External = 32.9219'
Long Chord = 1,222.1906'
Mid. Ord. = 32.7335'
P.C. Station 92+23.56 N 2,060,188.2542 E 1,085,275.2114
P.T. Station 104+48.09 N 2,059,042.2906 E 1,084,850.3381
C.C. N 2,057,637.9924 E 1,090,395.8732

Course from PT NBR8 to PC NBR9 S 14° 12' 37.12" W Dist 2,059.6043'

Curve Data

Curve NBR9

P.I. Station 133+66.27 N 2,056,213.4035 E 1,084,133.9778
Delta = 46° 11' 37.70" (LT)
Degree = 2° 50' 45.60"
Tangent = 858.5757'
Length = 1,623.1135'
Radius = 2,013.2040'
External = 175.4354'
Long Chord = 1,579.5091'
Mid. Ord. = 161.3730'
P.C. Station 125+07.70 N 2,057,045.7077 E 1,084,344.7426
P.T. Station 141+30.81 N 2,055,485.1590 E 1,084,588.7438
C.C. N 2,056,551.5027 E 1,086,296.3449

Course from PT NBR9 to 102 S 31° 59' 00.58" E Dist 352.9334'

Point 102 N 2,055,185.8006 E 1,084,775.6838 Sta 144+83.74

Course from 102 to 103 S 33° 24' 56.12" E Dist 360.1125'

Equation: Sta 148+43.85 (BK) = Sta 11+02.65 (AH) -----
Begin Region 2

Point 103 N 2,054,885.2154 E 1,084,974.0006 Sta 11+02.65

Course from 103 to PC NBR10 S 31° 59' 00.58" E Dist 793.5650'

Equation: Sta 18+96.21 (BK) = Sta 156+37.42 (AH) -----
Begin Region 3

Curve Data

Curve NBR10

P.I. Station 158+61.94 N 2,054,021.6707 E 1,085,513.2574
Delta = 6° 41' 47.49" (RT)
Degree = 1° 29' 34.67"
Tangent = 224.5250'
Length = 448.5388'
Radius = 3,837.7190'
External = 6.5623'
Long Chord = 448.2835'
Mid. Ord. = 6.5511'
P.C. Station 156+37.42 N 2,054,212.1130 E 1,085,394.3321
P.T. Station 160+85.96 N 2,053,818.6597 E 1,085,609.1637
C.C. N 2,052,179.3695 E 1,082,139.1761

Curve Data

Curve NBR11

P.I. Station 164+77.13 N 2,053,464.9736 E 1,085,776.2520
Delta = 13° 11' 29.51" (RT)
Degree = 1° 41' 37.18"
Tangent = 391.1680'
Length = 778.8770'
Radius = 3,382.9557'
External = 22.5401'
Long Chord = 777.1578'
Mid. Ord. = 22.3909'
P.C. Station 160+85.96 N 2,053,818.6597 E 1,085,609.1637
P.T. Station 168+64.84 N 2,053,082.4896 E 1,085,858.2176
C.C. N 2,052,373.6226 E 1,082,550.3638

Course from PT NBR11 to 108 S 12° 05' 43.58" E Dist 390.2734'

Point 108 N 2,052,700.8802 E 1,085,939.9958 Sta 172+55.11

=====
Ending chain IL21NB description

Chain IL21SB contains:
CUR SBR3 CUR SBR4 CUR SBR5 CUR SBR6 CUR SBR7 CUR SBR8 CUR SBR9 54 CUR
SBR10 CUR SBR11 61

Beginning chain IL21SB description
=====

Curve Data

Curve SBR3

P.I. Station 2+94.78 N 2,068,189.5225 E 1,089,240.0070
Delta = 2° 56' 41.34" (LT)
Degree = 0° 29' 58.59"
Tangent = 294.7778'
Length = 589.4258'
Radius = 11,468.1560'
External = 3.7879'
Long Chord = 589.3609'
Mid. Ord. = 3.7866'
P.C. Station 0+00.00 N 2,068,446.2873 E 1,089,384.8027
P.T. Station 5+89.43 N 2,067,925.6581 E 1,089,108.5935
C.C. N 2,062,813.0947 E 1,099,374.0841

Course from PT SBR3 to PC SBR4 S 26° 28' 29.52" W Dist 5,067.6742'

Curve Data

Curve SBR4

P.I. Station 58+96.56 N 2,063,175.0787 E 1,086,742.6434
Delta = 1° 11' 48.52" (LT)
Degree = 0° 14' 59.65"
Tangent = 239.4648'
Length = 478.9122'
Radius = 22,927.3120'
External = 1.2505'
Long Chord = 478.9035'
Mid. Ord. = 1.2504'
P.C. Station 56+57.10 N 2,063,389.4308 E 1,086,849.3981
P.T. Station 61+36.01 N 2,062,958.5436 E 1,086,640.3892
C.C. N 2,053,168.3163 E 1,107,372.3231

FILE NAME = sht-align-2003.dgn	USER NAME = IDGT	DESIGNED - EJM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT TIES AND BENCHMARKS				F.A.P. RTE. 330	SECTION 128-1-3	COUNTY LAKE	TOTAL SHEETS 128	SHEET NO. 15
	PLOT SCALE = 200.0000' / IN.	CHECKED - GFL	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 60P33		
	PLOT DATE = 4/1/2011	DATE - 12/17/10	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT								

Curve Data

Curve SBR5
 P.I. Station 63+75.30 N 2,062,742.1651 E 1,086,538.2089
 Delta = 1° 11' 48.67" (RT)
 Degree = 0° 15' 00.35"
 Tangent = 239.2854'
 Length = 478.5534'
 Radius = 22,909.3120'
 External = 1.2496'
 Long Chord = 478.5447'
 Mid. Ord. = 1.2496'
 P.C. Station 61+36.02 N 2,062,958.5380 E 1,086,640.3866
 P.T. Station 66+14.57 N 2,062,527.9736 E 1,086,431.5341
 C.C. N 2,072,741.0791 E 1,065,924.7291

Course from PT SBR5 to PC SBR6 S 26° 28' 29.67" W Dist 415.0058'

Curve Data

Curve SBR6
 P.I. Station 72+68.86 N 2,061,942.3052 E 1,086,139.8507
 Delta = 1° 11' 48.53" (RT)
 Degree = 0° 15' 00.35"
 Tangent = 239.2775'
 Length = 478.5376'
 Radius = 22,909.3120'
 External = 1.2495'
 Long Chord = 478.5289'
 Mid. Ord. = 1.2495'
 P.C. Station 70+29.58 N 2,062,156.4896 E 1,086,246.5221
 P.T. Station 75+08.12 N 2,061,730.3955 E 1,086,028.7291
 C.C. N 2,072,369.5951 E 1,065,739.7170

Course from PT SBR6 to PC SBR7 S 27° 40' 18.16" W Dist 0.0011'

Curve Data

Curve SBR7
 P.I. Station 77+47.59 N 2,061,518.3077 E 1,085,917.5139
 Delta = 1° 11' 48.75" (LT)
 Degree = 0° 14' 59.65"
 Tangent = 239.4776'
 Length = 478.9378'
 Radius = 22,927.3120'
 External = 1.2506'
 Long Chord = 478.9291'
 Mid. Ord. = 1.2506'
 P.C. Station 75+08.12 N 2,061,730.3945 E 1,086,028.7285
 P.T. Station 79+87.05 N 2,061,303.9441 E 1,085,810.7536
 C.C. N 2,051,082.8357 E 1,106,333.6818

Course from PT SBR7 to PC SBR8 S 26° 28' 29.45" W Dist 1,237.4351'

Curve Data

Curve SBR8
 P.I. Station 98+41.04 N 2,059,644.3897 E 1,084,984.2398
 Delta = 12° 15' 52.33" (LT)
 Degree = 0° 59' 54.35"
 Tangent = 616.5460'
 Length = 1,228.3801'
 Radius = 5,738.5780'
 External = 33.0255'
 Long Chord = 1,226.0363'
 Mid. Ord. = 32.8365'
 P.C. Station 92+24.49 N 2,060,196.2787 E 1,085,259.0990
 P.T. Station 104+52.87 N 2,059,046.7092 E 1,084,832.8889
 C.C. N 2,057,637.9924 E 1,090,395.8732

Course from PT SBR8 to PC SBR9 S 14° 12' 37.12" W Dist 2,059.6043'

Curve Data

Curve SBR9
 P.I. Station 133+72.95 N 2,056,215.9795 E 1,084,116.0620
 Delta = 45° 55' 04.18" (LT)
 Degree = 2° 49' 14.81"
 Tangent = 860.4765'
 Length = 1,627.8420'
 Radius = 2,031.2040'
 External = 174.7447'
 Long Chord = 1,584.6274'
 Mid. Ord. = 160.9022'
 P.C. Station 125+12.47 N 2,057,050.1264 E 1,084,327.2934
 P.T. Station 141+40.32 N 2,055,483.9358 E 1,084,568.3140
 C.C. N 2,056,551.5027 E 1,086,296.3449

Course from PT SBR9 to 54 S 31° 42' 27.06" E Dist 627.7244'

Point 54 N 2,054,949.9042 E 1,084,898.2355 Sta 147+68.04

Course from 54 to PC SBR10 S 31° 59' 00.58" E Dist 888.5650'

Curve Data

Curve SBR10
 P.I. Station 157+79.48 N 2,054,092.0018 E 1,085,433.9688
 Delta = 3° 41' 47.49" (RT)
 Degree = 1° 30' 17.02"
 Tangent = 122.8730'
 Length = 245.6608'
 Radius = 3,807.7190'
 External = 1.9820'
 Long Chord = 245.6182'
 Mid. Ord. = 1.9810'
 P.C. Station 156+56.60 N 2,054,196.2227 E 1,085,368.8861
 P.T. Station 159+02.27 N 2,053,983.8016 E 1,085,492.1969
 C.C. N 2,052,179.3695 E 1,082,139.1761

Curve Data

Curve SBR11
 P.I. Station 164+65.41 N 2,053,487.9013 E 1,085,759.0662
 Delta = 16° 11' 29.51" (RT)
 Degree = 1° 26' 50.04"
 Tangent = 563.1485'
 Length = 1,118.7916'
 Radius = 3,958.9855'
 External = 39.8521'
 Long Chord = 1,115.0725'
 Mid. Ord. = 39.4550'
 P.C. Station 159+02.27 N 2,053,983.8016 E 1,085,492.1969
 P.T. Station 170+21.06 N 2,052,937.2547 E 1,085,877.0687
 C.C. N 2,052,107.6861 E 1,082,005.9730

Course from PT SBR11 to 61 S 12° 05' 43.58" E Dist 244.3127'

Point 61 N 2,052,698.3658 E 1,085,928.2622 Sta 172+65.37

=====

Ending chain IL21SB description

Chain IL137EB contains:
 301 303 305 306 308 310 311

Beginning chain IL137EB description
 =====

Point 301 N 2,054,395.8310 E 1,084,053.7885 Sta 0+00.00

Course from 301 to 303 S 89° 51' 07.98" E Dist 314.8400'

Point 303 N 2,054,395.0189 E 1,084,368.6275 Sta 3+14.84

Course from 303 to 305 S 88° 25' 12.43" E Dist 520.1625'

Point 305 N 2,054,380.6778 E 1,084,888.5922 Sta 8+35.00

Course from 305 to 306 S 89° 51' 07.98" E Dist 349.8890'

Point 306 N 2,054,379.7753 E 1,085,238.4800 Sta 11+84.89

Course from 306 to 308 S 89° 20' 45.04" E Dist 399.9431'

Point 308 N 2,054,375.2092 E 1,085,638.3971 Sta 15+84.83

Course from 308 to 310 N 89° 13' 19.41" E Dist 584.1825'

Point 310 N 2,054,383.1407 E 1,086,222.5257 Sta 21+69.02

Course from 310 to 311 S 89° 20' 45.04" E Dist 211.5679'

Point 311 N 2,054,380.7253 E 1,086,434.0798 Sta 23+80.58

=====

Ending chain IL137EB description

Chain IL137WB contains:
 401 402 403 404 405 406 407

Beginning chain IL137WB description
 =====

Point 401 N 2,054,407.8310 E 1,084,053.8195 Sta 0+00.00

Course from 401 to 402 S 89° 51' 07.98" E Dist 334.8400'

Point 402 N 2,054,406.9673 E 1,084,388.6584 Sta 3+34.84

Course from 402 to 403 N 89° 34' 29.44" E Dist 500.0250'

Point 403 N 2,054,410.6777 E 1,084,888.6696 Sta 8+34.86

Course from 403 to 404 S 89° 51' 07.98" E Dist 350.0216'

Point 404 N 2,054,409.7748 E 1,085,238.6900 Sta 11+84.89

Course from 404 to 405 S 89° 20' 45.04" E Dist 400.0757'

Point 405 N 2,054,405.2072 E 1,085,638.7396 Sta 15+84.96

Course from 405 to 406 S 88° 46' 22.46" E Dist 540.0270'

Point 406 N 2,054,393.6424 E 1,086,178.6427 Sta 21+24.99

Course from 406 to 407 S 89° 20' 45.04" E Dist 255.5679'

Point 407 N 2,054,390.7246 E 1,086,434.1939 Sta 23+80.56

=====

Ending chain IL137WB description

Chain MERIT contains:
 2101 2102

Beginning chain MERIT description
 =====

Point 2101 N 2,062,529.2534 E 1,086,442.2250 Sta 0+00.00

Course from 2101 to 2102 N 63° 45' 03.13" W Dist 150.0000'

Point 2102 N 2,062,595.5947 E 1,086,307.6931 Sta 1+50.00

=====

Ending chain MERIT description

FILE NAME = sht-align-004.dgn	USER NAME = IDDT	DESIGNED - EJM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT TIES AND BENCHMARKS				F.A.P. RTE. 330	SECTION 128-I-3	COUNTY LAKE	TOTAL SHEETS 128	SHEET NO. 16
		DRAWN - BK	REVISED -		SCALE:	SHEET NO. OF	SHEETS	STA.	TO STA.	CONTRACT NO. 60P33			
		CHECKED - GFL	REVISED -										
		DATE - 12/17/10	REVISED -							FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			

Chain EGIDI contains:
2303 CUR EGIDIRI 2301

Beginning chain EGIDI description

Point 2303 N 2,061,616.2207 E 1,085,636.6686 Sta 526+27.59

Course from 2303 to PC EGIDIRI N 80° 13' 48.66" E Dist 185.2600'

Curve Data

Curve EGIDIRI

P.I. Station 528+67.71 N 2,061,656.9653 E 1,085,873.2980

Delta = 49° 07' 48.00" (RT)

Degree = 47° 44' 47.34"

Tangent = 54.8516'

Length = 102.8976'

Radius = 120.0000'

External = 11.9420'

Long Chord = 99.7741'

Mid. Ord. = 10.8612'

P.C. Station 528+12.85 N 2,061,647.6575 E 1,085,819.2419

P.T. Station 529+15.75 N 2,061,622.1788 E 1,085,915.7079

C.C. N 2,061,529.3978 E 1,085,839.6047

Course from PT EGIDIRI to 2301 S 50° 38' 23.34" E Dist 60.6584'

Point 2301 N 2,061,583.7097 E 1,085,962.6074 Sta 529+76.41

Ending chain EGIDI description

Chain CASEY contains:

2402 2401

Beginning chain CASEY description

Point 2402 N 2,059,702.0586 E 1,084,369.8378 Sta 513+00.00

Course from 2402 to 2401 S 89° 41' 31.42" E Dist 679.7600'

Point 2401 N 2,059,698.4052 E 1,085,049.5882 Sta 519+79.76

Ending chain CASEY description

Chain PEA4 contains:

2690 CUR PEA4R1 CUR PEA4R2

Beginning chain PEA4 description

Point 2690 N 2,058,159.8269 E 1,084,617.5874 Sta 10+00.00

Course from 2690 to PC PEA4R1 N 75° 47' 22.88" W Dist 54.6863'

Curve Data

Curve PEA4R1

P.I. Station 10+83.53 N 2,058,180.3330 E 1,084,536.6095

Delta = 59° 57' 57.20" (RT)

Degree = 114° 35' 29.61"

Tangent = 28.8477'

Length = 52.3301'

Radius = 50.0000'

External = 7.7251'

Long Chord = 49.9742'

Mid. Ord. = 6.6913'

P.C. Station 10+54.69 N 2,058,173.2514 E 1,084,564.5744

P.T. Station 11+07.02 N 2,058,208.0875 E 1,084,528.7433

C.C. N 2,058,221.7215 E 1,084,576.8485

Course from PT PEA4R1 to PC PEA4R2 N 15° 53' 57.88" W Dist 82.1698'

Curve Data

Curve PEA4R2

P.I. Station 12+11.01 N 2,058,308.4527 E 1,084,501.6779

Delta = 47° 09' 07.90" (LT)

Degree = 114° 35' 29.61"

Tangent = 21.8196'

Length = 41.1481'

Radius = 50.0000'

External = 4.5536'

Long Chord = 39.9967'

Mid. Ord. = 4.1735'

P.C. Station 11+89.19 N 2,058,287.1138 E 1,084,506.2329

P.T. Station 12+30.33 N 2,058,319.6246 E 1,084,482.9354

C.C. N 2,058,276.6758 E 1,084,457.3346

Ending chain PEA4 description

Chain BROOKHILL contains:

3212 CUR BROOK1 3201

Beginning chain BROOKHILL description

Point 3212 N 2,056,678.3280 E 1,083,782.9200 Sta 505+02.91

Course from 3212 to PC BROOK1 N 85° 08' 51.43" E Dist 163.6639'

Curve Data

Curve BROOK1

P.I. Station 507+53.91 N 2,056,699.5592 E 1,084,033.0136

Delta = 13° 13' 52.89" (RT)

Degree = 7° 36' 33.86"

Tangent = 87.3293'

Length = 173.8816'

Radius = 752.9600'

External = 5.0474'

Long Chord = 173.4955'

Mid. Ord. = 5.0138'

P.C. Station 506+66.58 N 2,056,692.1721 E 1,083,945.9973

P.T. Station 508+40.46 N 2,056,686.8336 E 1,084,119.4107

C.C. N 2,055,941.9108 E 1,084,009.6893

Course from PT BROOK1 to 3201 S 81° 37' 15.68" E Dist 159.5418'

Point 3201 N 2,056,663.5852 E 1,084,277.2495 Sta 510+00.00

Ending chain BROOKHILL description

Chain JANAS contains:

3502 3501

Beginning chain JANAS description

Point 3502 N 2,055,742.5045 E 1,084,237.3208 Sta 498+00.00

Course from 3502 to 3501 N 60° 47' 38.43" E Dist 191.9700'

Point 3501 N 2,055,836.1765 E 1,084,404.8858 Sta 499+91.97

Ending chain JANAS description

Chain CATER contains:

8000 8001

Beginning chain CATER description

Point 8000 N 2,054,978.1155 E 1,084,894.7660 Sta 10+00.00

Course from 8000 to 8001 S 58° 00' 59.42" W Dist 141.8956'

Point 8001 N 2,054,902.9569 E 1,084,774.4100 Sta 11+41.90

Ending chain CATER description

Chain ADLER contains:

4902 4901

Beginning chain ADLER description

Point 4902 N 2,053,584.5431 E 1,085,422.1814 Sta 7+50.00

Course from 4902 to 4901 N 73° 01' 22.91" E Dist 250.0000'

Point 4901 N 2,053,657.5399 E 1,085,661.2870 Sta 10+00.00

Ending chain ADLER description

Chain FINSTAD contains:

5302 5301

Beginning chain FINSTAD description

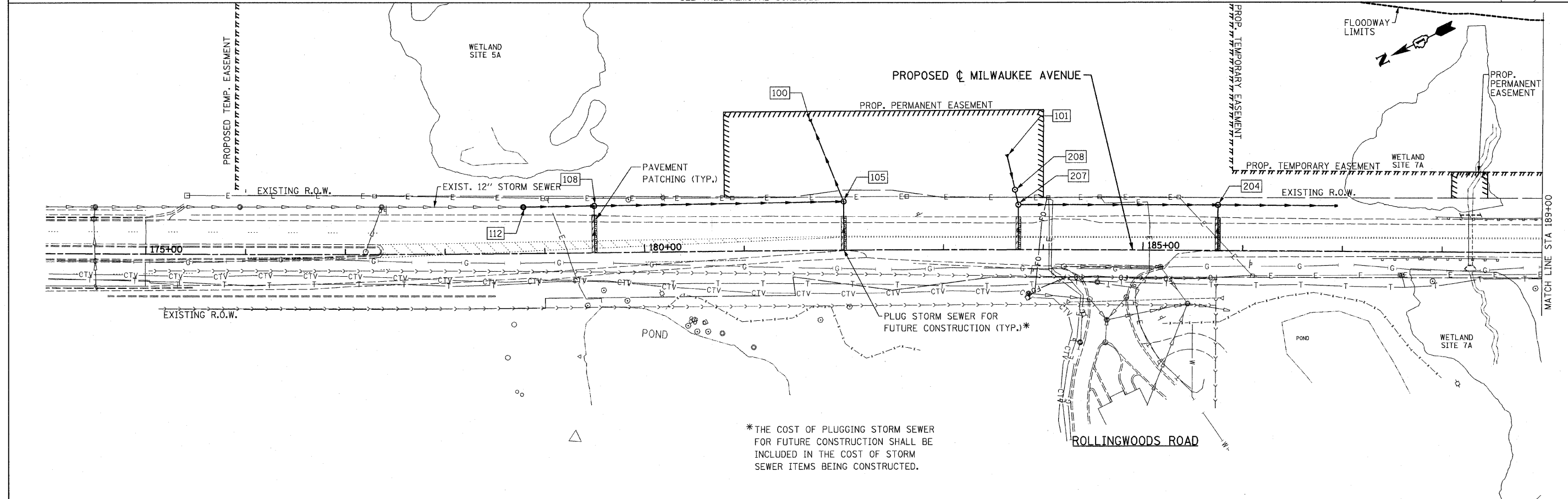
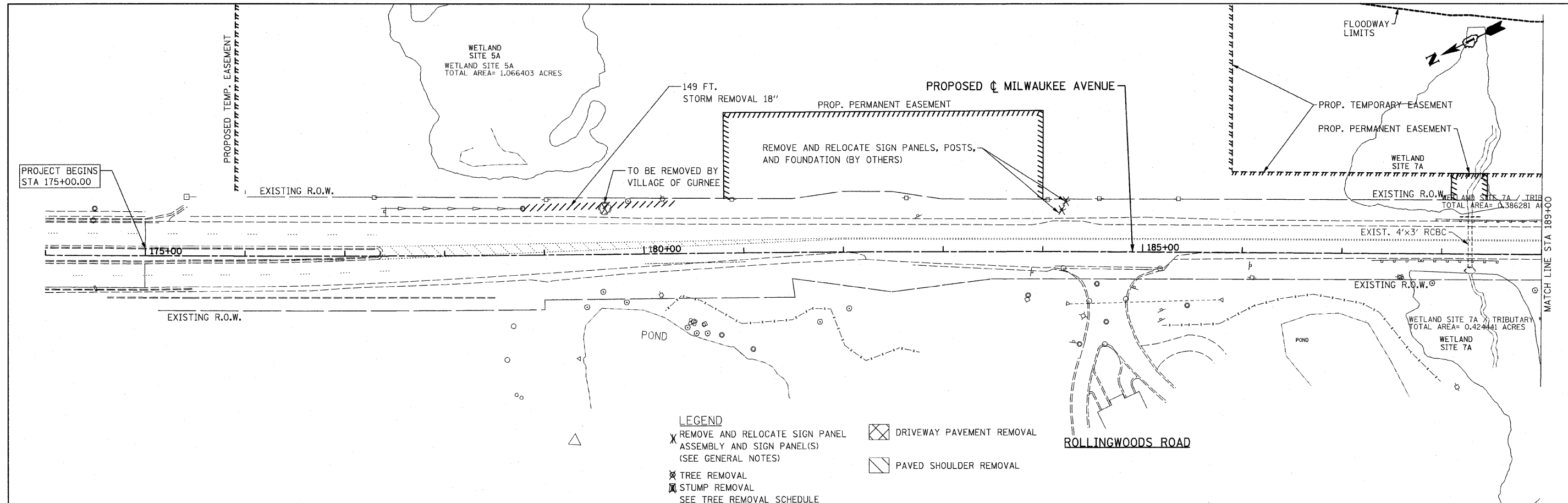
Point 5302 N 2,052,948.5644 E 1,085,573.8174 Sta 7+00.00

Course from 5302 to 5301 N 77° 22' 36.41" E Dist 300.0000'

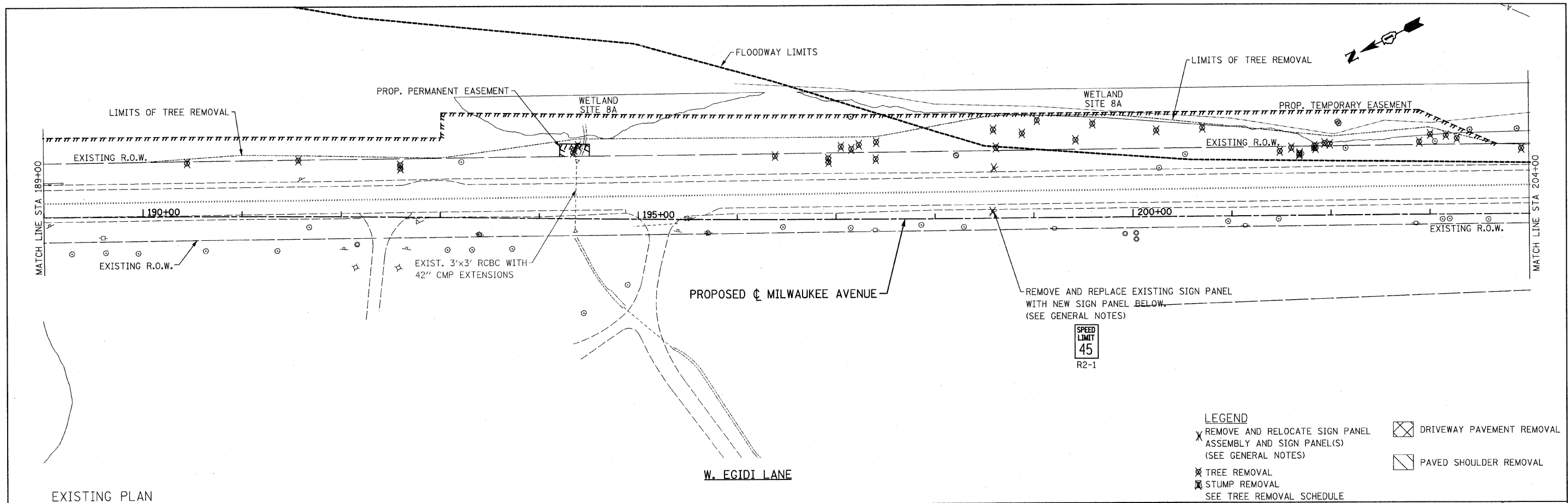
Point 5301 N 2,053,014.1260 E 1,085,866.5659 Sta 10+00.00

Ending chain FINSTAD description

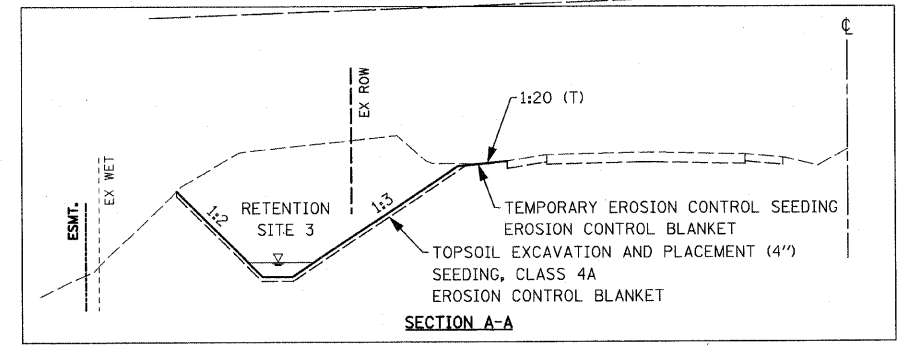
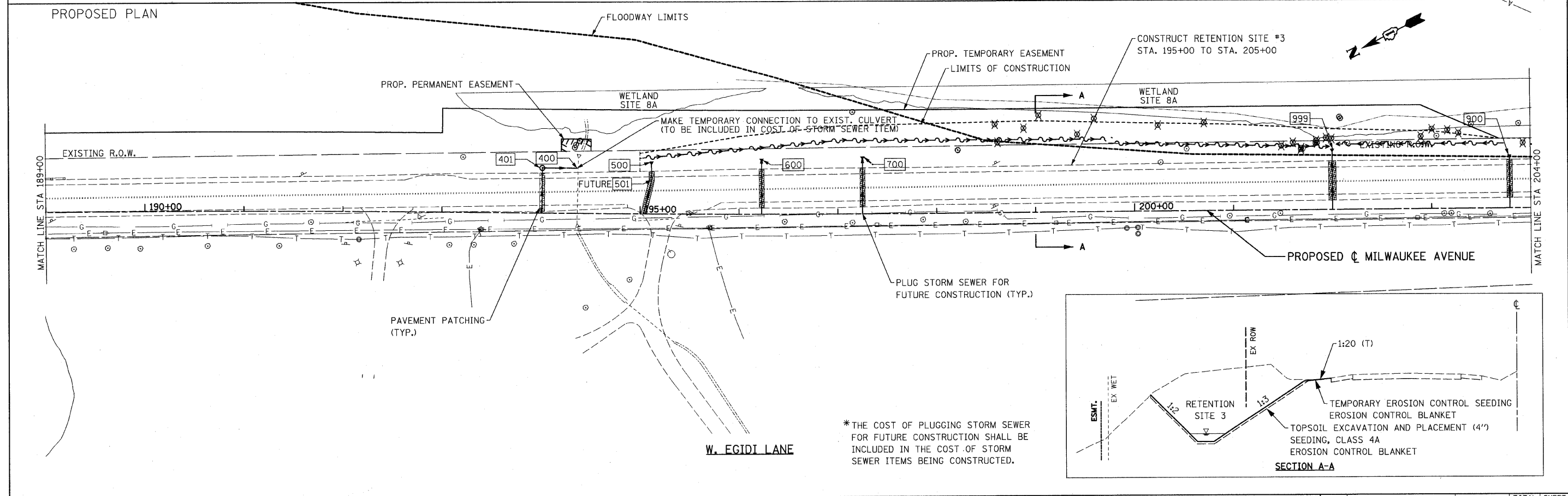
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PLOT SCALE = 200,0000' / IN.	DRAWN - BK	CHECKED - GFL	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		
PLOT DATE = 4/1/2011	DATE - 12/17/10	REVISED -	REVISED -			CONTRACT NO. 60P33						



FILE NAME = I:\102905_IL21.edv\CADD Sheets\ht-plan01.dgn	USER NAME = IDOT	DESIGNED - EJM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN IL RTE 21 (MILWAUKEE AVE)			F.A.P. RTE. 330	SECTION 128-1-3	COUNTY LAKE	TOTAL SHEETS 128	SHEET NO. 19
PLOT SCALE = 50.0000' / IN.		CHECKED - GFL	REVISED -		SCALE: 1" = 50'	SHEET NO.	OF SHEETS	STA. 174+00.00 TO STA. 189+00.00	CONTRACT NO. 60P33			
PLOT DATE = 5/9/2011		DATE - 3/18/2011	REVISED -		ILLINOIS FED. AID PROJECT							

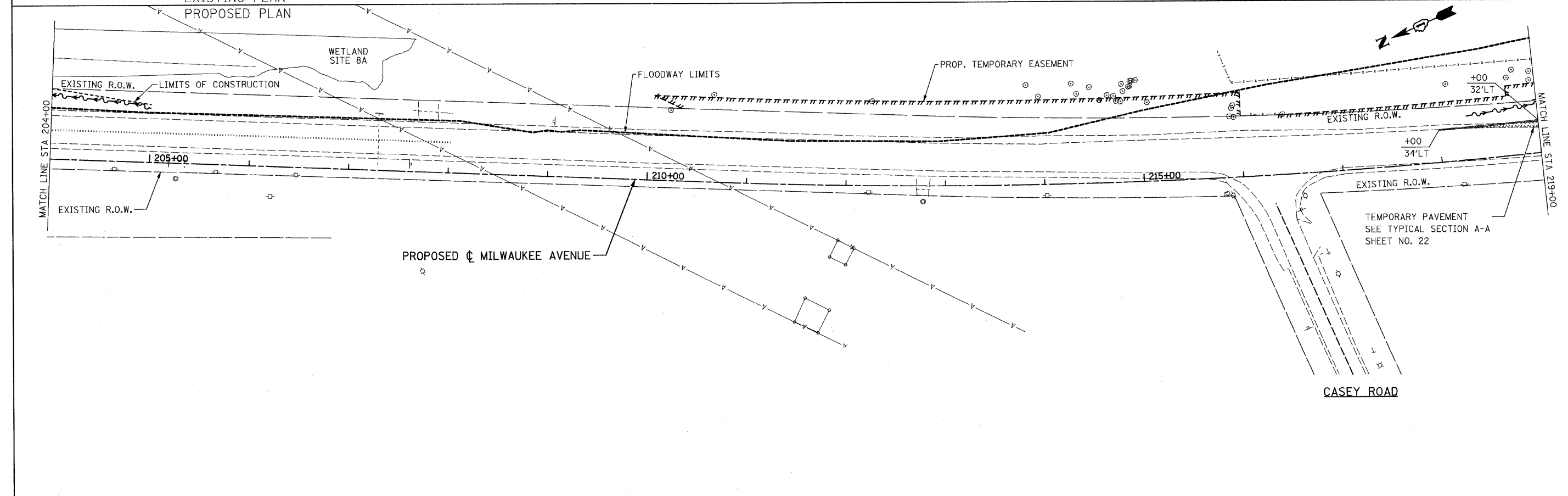
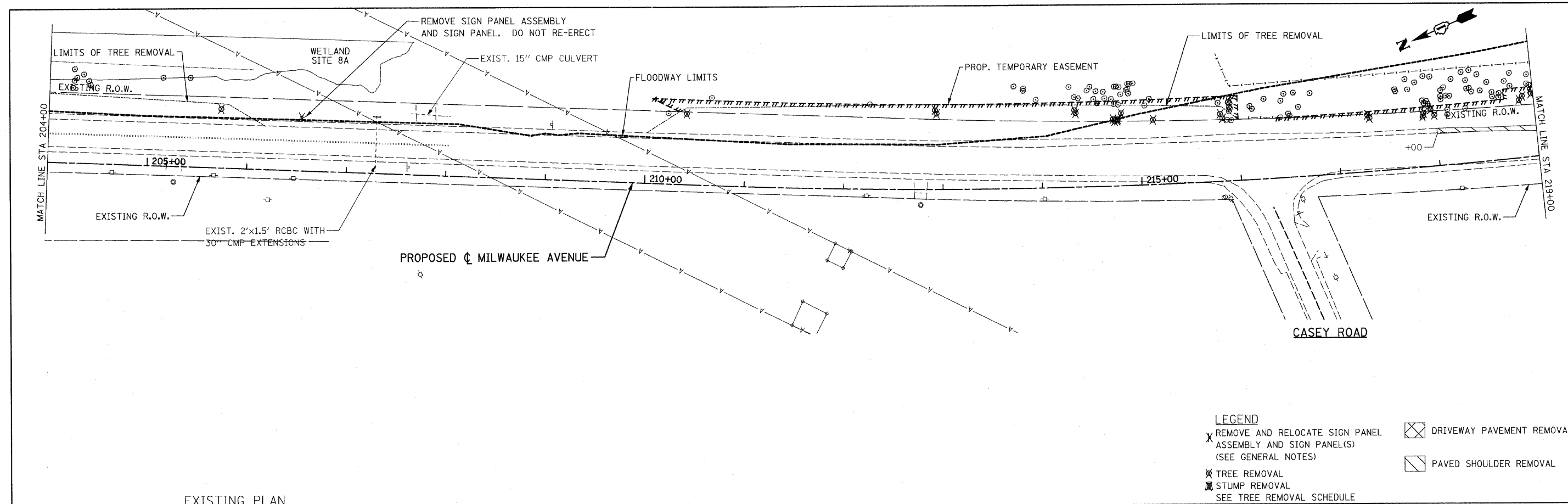


EXISTING PLAN
PROPOSED PLAN

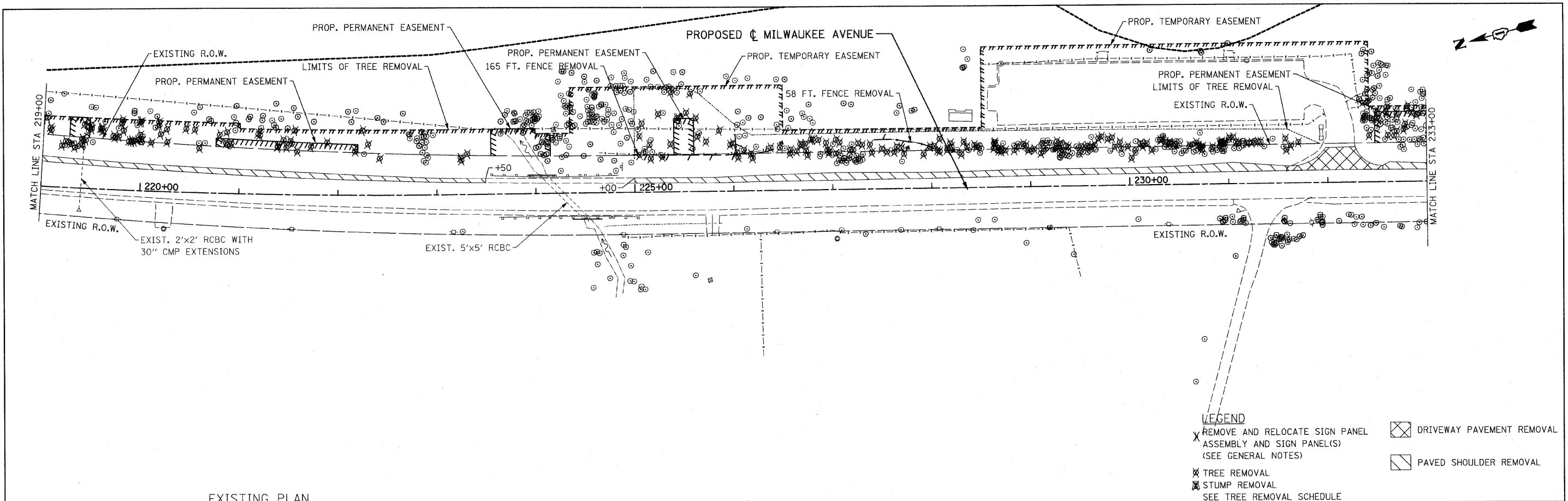


- LEGEND**
- X REMOVE AND RELOCATE SIGN PANEL ASSEMBLY AND SIGN PANEL(S) (SEE GENERAL NOTES)
 - ⊗ DRIVEWAY PAVEMENT REMOVAL
 - ⊗ TREE REMOVAL
 - ⊗ STUMP REMOVAL
 - SEE TREE REMOVAL SCHEDULE
 - ⊗ PAVED SHOULDER REMOVAL

FILE NAME =	USER NAME = IDOT	DESIGNED - EJM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN IL RTE 21 (MILWAUKEE AVE)			F.A.P. RTE. 330	SECTION 128-1-3	COUNTY LAKE	TOTAL SHEETS 128	SHEET NO. 20
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		CHECKED - GFL	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE - 3/18/2011	REVISED -									



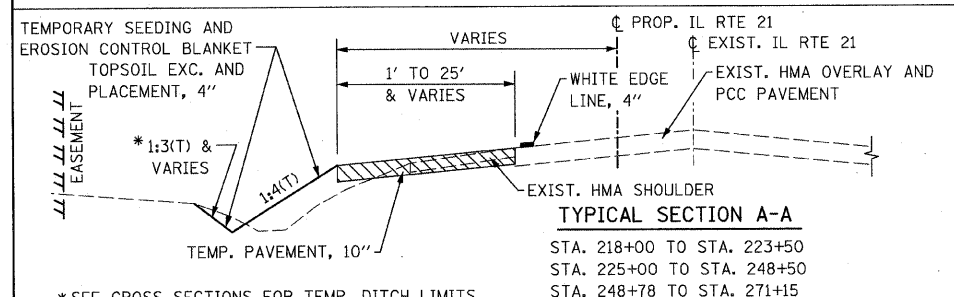
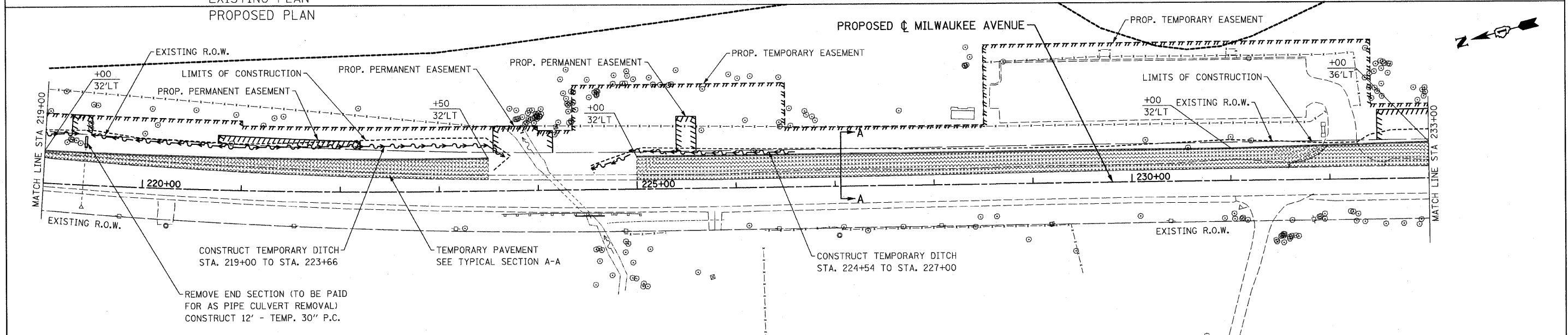
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11\102905.1121.ed\oadd sheets\shht-plan@dgn		DRAWN - BK	REVISED -		330	128-1-3	LAKE	128	21			
	PLOT SCALE = 50.0000' / IN.	CHECKED - GFL	REVISED -		SCALE: 1" = 50'			SHEET NO. OF SHEETS STA. 204+00.00 TO STA. 219+00.00			CONTRACT NO. 60P33	
	PLOT DATE = 5/9/2011	DATE - 3/18/2011	REVISED -		ILLINOIS FED. AID PROJECT							



EXISTING PLAN
PROPOSED PLAN

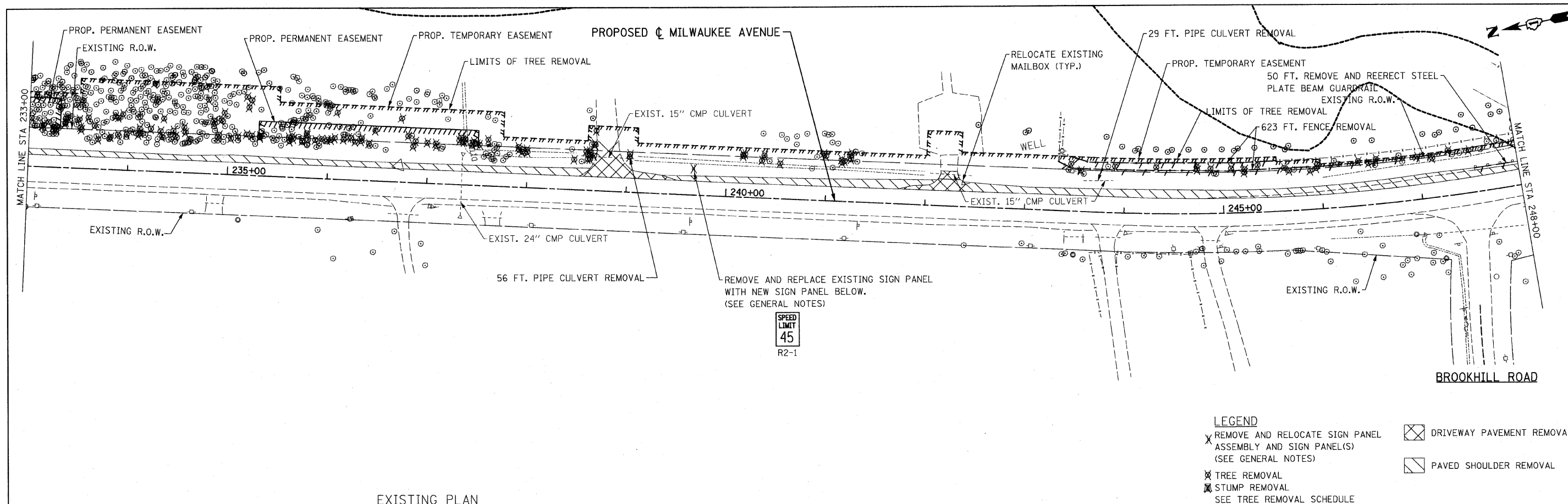
LEGEND

✗ REMOVE AND RELOCATE SIGN PANEL ASSEMBLY AND SIGN PANEL(S) (SEE GENERAL NOTES)	⊠ DRIVEWAY PAVEMENT REMOVAL
✗ TREE REMOVAL	▨ PAVED SHOULDER REMOVAL
✗ STUMP REMOVAL SEE TREE REMOVAL SCHEDULE	



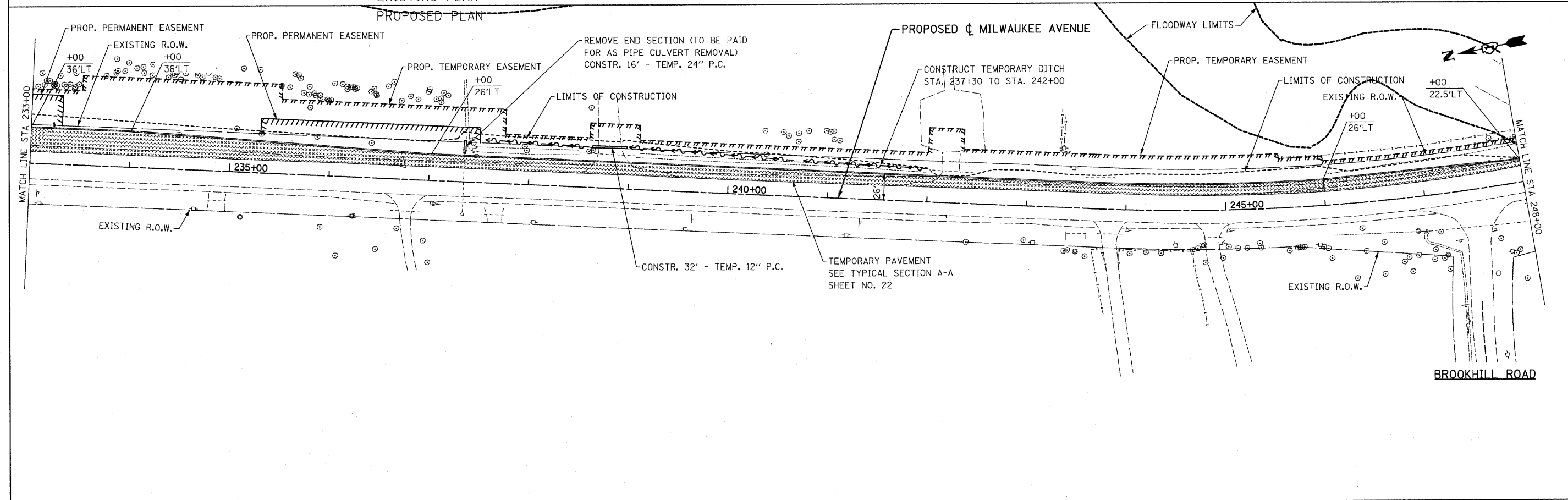
HMA MIXTURE TABLE		% AIR VOIDS
MIXTURE TYPE		@ Ndes
PATCHING		
CLASS D PATCHES, TYPE I, 9 INCH (HMA BINDER, IL-19 mm) (IN 3 UFTS)		4% @ 70 GYR.
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES, 4" (HMA BINDER, IL-19 mm)		4% @ 70 GYR.
TEMPORARY PAVEMENT, 10"		
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 8-1/2" (IN 3 UFTS)		4% @ 50 GYR.
HOT-MIX ASPHALT SURFACE COURSE MIX D, N50, 1-1/2" (IL-9.5 mm)		4% @ 50 GYR.

- NOTES:**
1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN.
 2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70 -22" AND FOR NON-POLYMERIZED HMA, THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
 3. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.
 4. IF THE CONTRACTOR CHOOSES TO USE CONCRETE FOR TEMPORARY PAVEMENT, THE THICKNESS WILL BE 10".

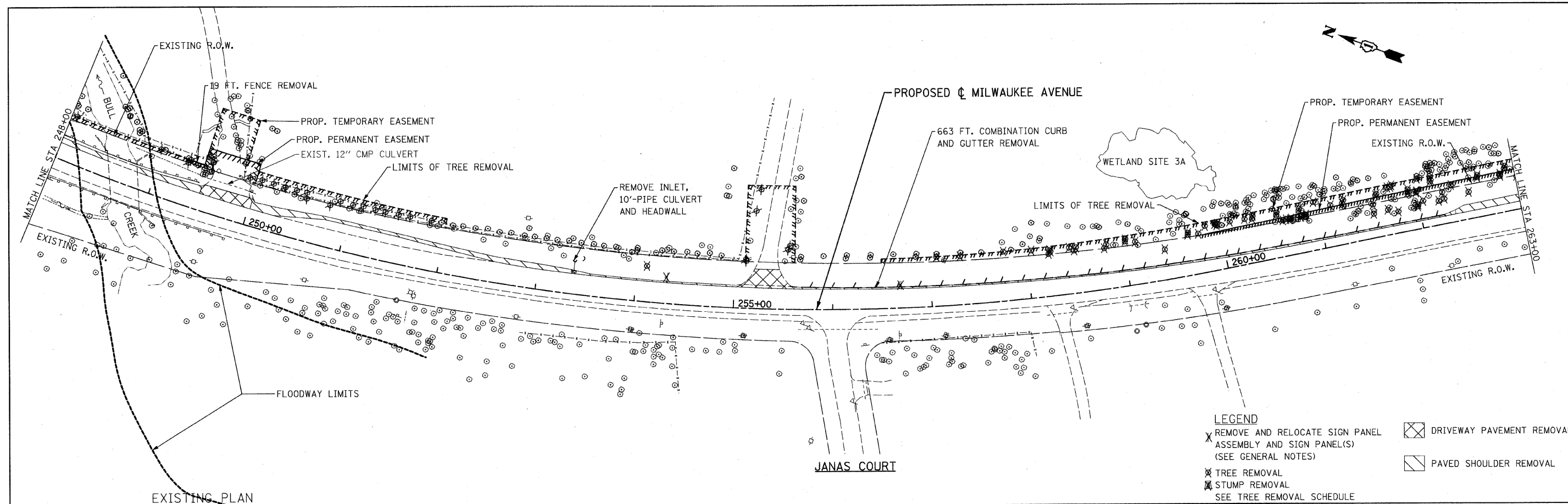


LEGEND

✗ REMOVE AND RELOCATE SIGN PANEL ASSEMBLY AND SIGN PANEL(S) (SEE GENERAL NOTES)	⊗ DRIVEWAY PAVEMENT REMOVAL
✗ TREE REMOVAL	▨ PAVED SHOULDER REMOVAL
✗ STUMP REMOVAL SEE TREE REMOVAL SCHEDULE	



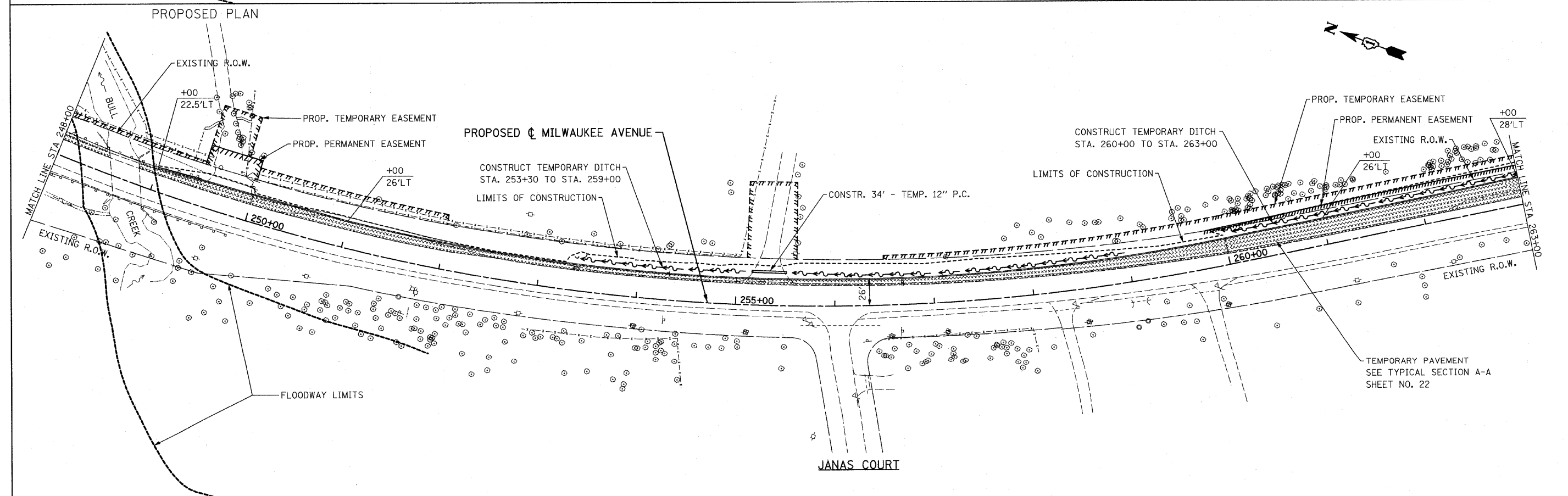
FILE NAME =	USER NAME = ID01	DESIGNED - EJM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN IL RTE 21 (MILWAUKEE AVE)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
\\102905.1121.edv\cadd sheets\sh-t-plan05.dgn		DRAWN - BK	REVISED -			330	128-1-3	LAKE	128	23	
PLOT SCALE = 50.0000 "/> <td></td> <td>CHECKED - GFL</td> <td>REVISED -</td> <td colspan="6" style="text-align: center;">SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 233+00.00 TO STA. 248+00.00</td>		CHECKED - GFL	REVISED -			SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 233+00.00 TO STA. 248+00.00					
PLOT DATE = 5/9/2011		DATE - 3/18/2011	REVISED -			ILLINOIS FED. AID PROJECT					



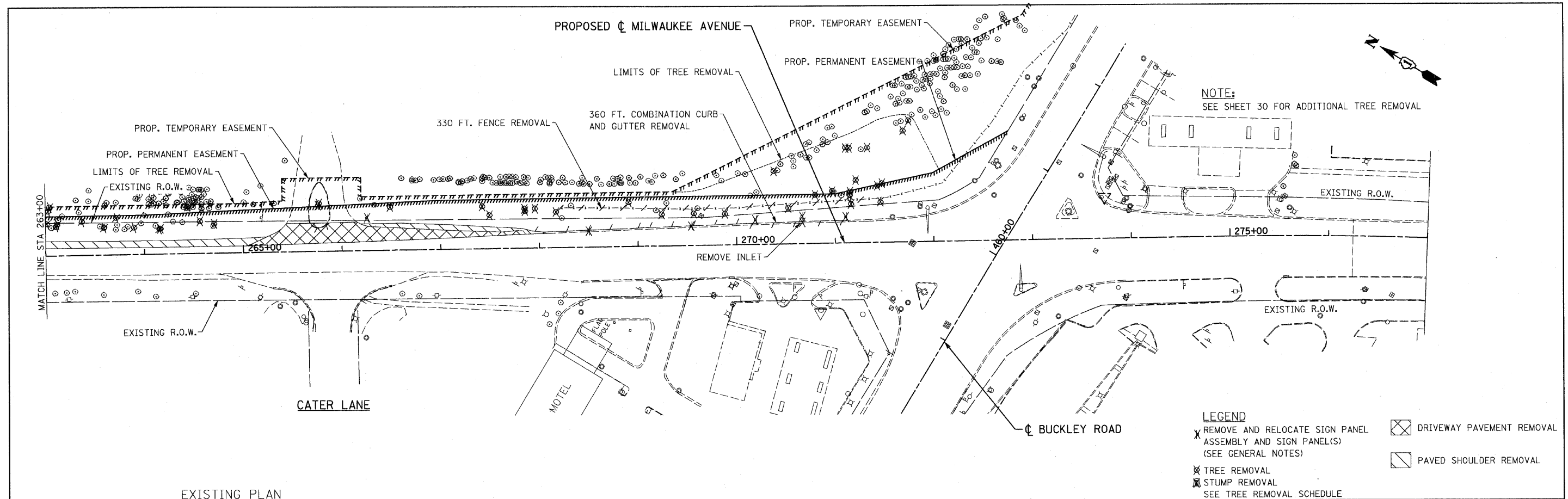
EXISTING PLAN
PROPOSED PLAN

LEGEND

X REMOVE AND RELOCATE SIGN PANEL ASSEMBLY AND SIGN PANEL(S) (SEE GENERAL NOTES)	⊗ DRIVEWAY PAVEMENT REMOVAL
⊗ TREE REMOVAL	▨ PAVED SHOULDER REMOVAL
⊗ STUMP REMOVAL	
SEE TREE REMOVAL SCHEDULE	



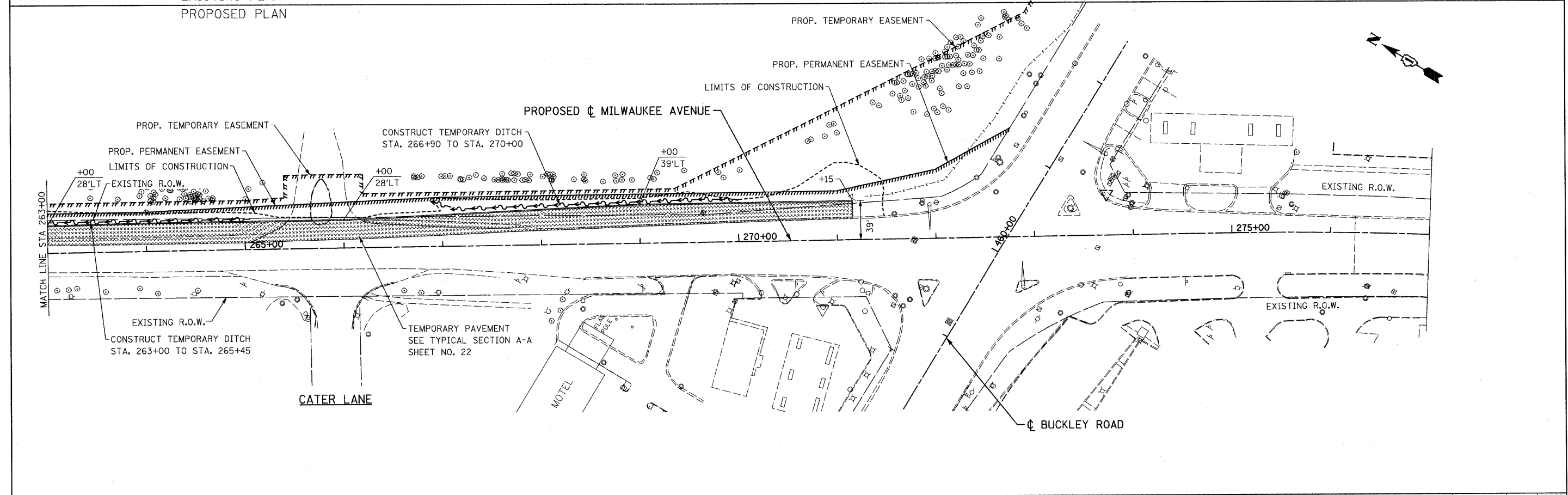
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1:\102905.121.edr\oadd sheets\ht-plan06.dgn		DRAWN - BK	REVISED -		330	128-I-3	LAKE	128	24			
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PLOT DATE = 5/9/2011		CHECKED - GFL	REVISED -		SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 248+00.00 TO STA. 263+00.00			CONTRACT NO. 60P33				
		DATE - 3/18/2011	REVISED -				ILLINOIS FED. AID PROJECT					



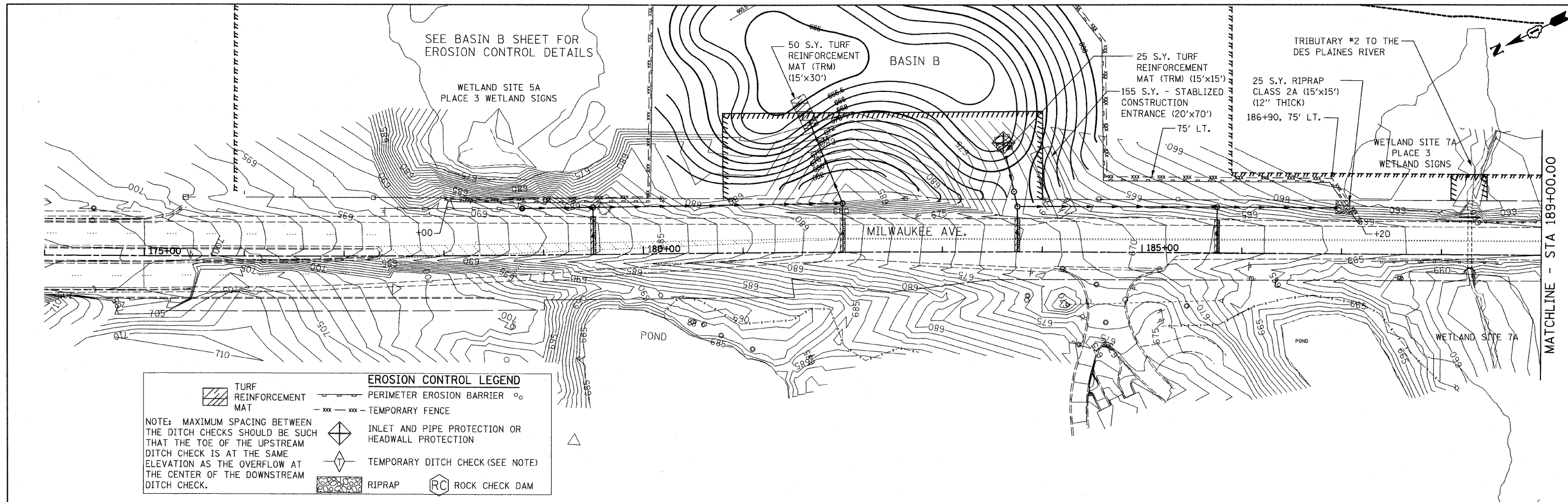
NOTE:
SEE SHEET 30 FOR ADDITIONAL TREE REMOVAL

- LEGEND**
- X REMOVE AND RELOCATE SIGN PANEL ASSEMBLY AND SIGN PANEL(S) (SEE GENERAL NOTES)
 - ⊗ TREE REMOVAL
 - ⊗ STUMP REMOVAL
 - SEE TREE REMOVAL SCHEDULE
 - ⊗ DRIVEWAY PAVEMENT REMOVAL
 - ⊗ PAVED SHOULDER REMOVAL

EXISTING PLAN
PROPOSED PLAN



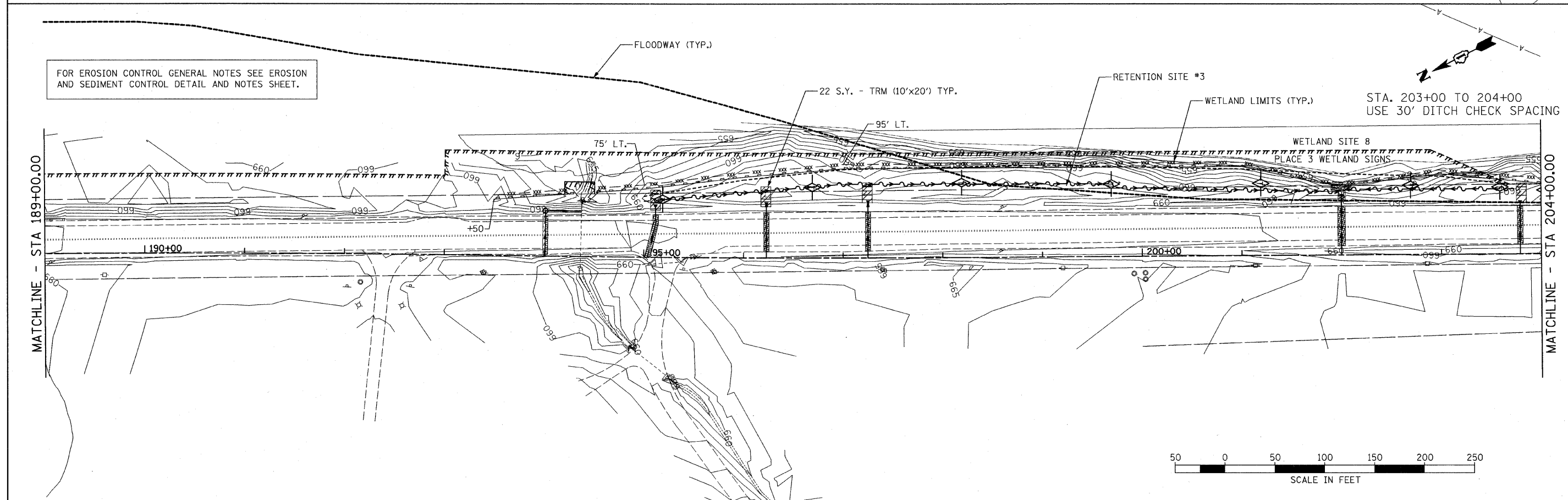
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11\102905.121.ed\load sheets\sh1-plan07.dgn		DRAWN - BK	REVISED -			SCALE: 1" = 50'	SHEET NO. OF	SHEETS	STA. 263+00.00 TO STA. 277+00.00	ILLINOIS FED. AID PROJECT		
		CHECKED - GFL	REVISED -									
		DATE - 3/18/2011	REVISED -									



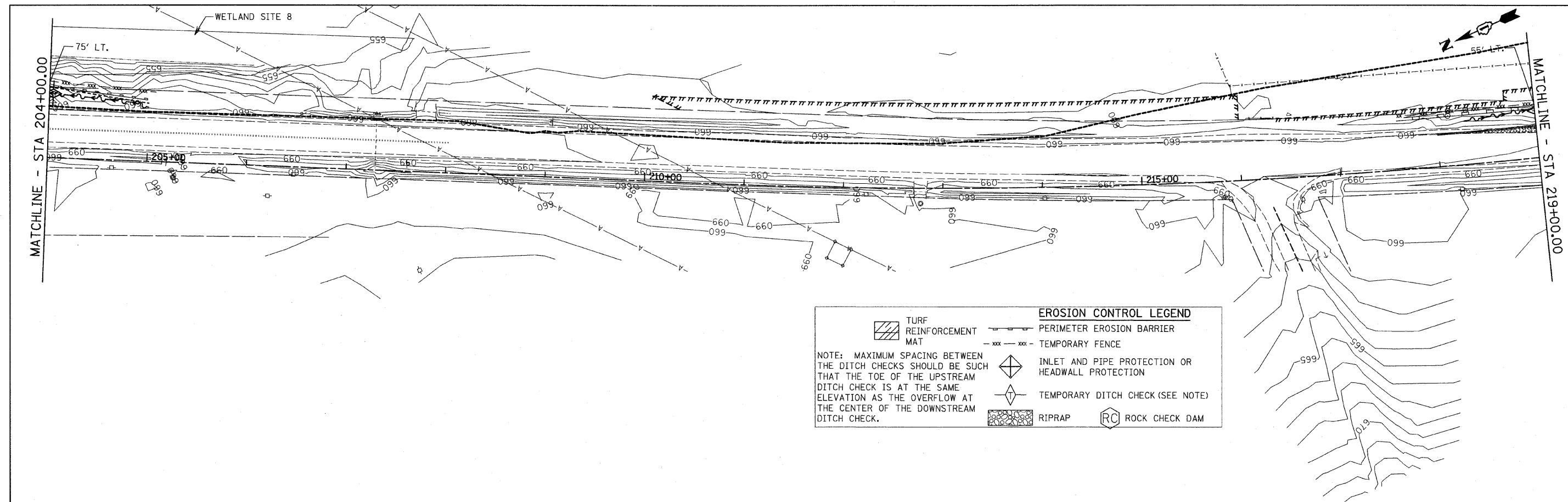
EROSION CONTROL LEGEND

	TURF REINFORCEMENT MAT		PERIMETER EROSION BARRIER
	TEMPORARY FENCE		INLET AND PIPE PROTECTION OR HEADWALL PROTECTION
	TEMPORARY DITCH CHECK (SEE NOTE)		RIPRAP
	ROCK CHECK DAM		

NOTE: MAXIMUM SPACING BETWEEN THE DITCH CHECKS SHOULD BE SUCH THAT THE TOE OF THE UPSTREAM DITCH CHECK IS AT THE SAME ELEVATION AS THE OVERFLOW AT THE CENTER OF THE DOWNSTREAM DITCH CHECK.



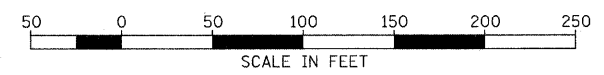
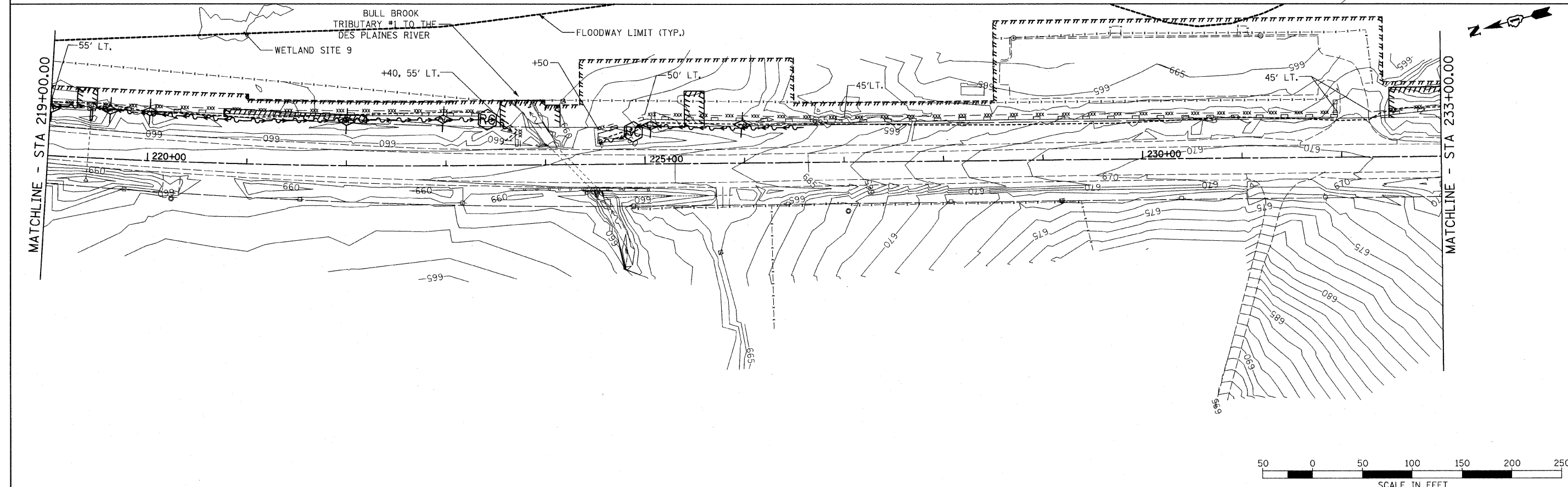
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1102905_1121.edv\cadd sheets\shd-eros01.dgn		DRAWN - BK	REVISED -			330	128-1-3	LAKE	128	26	
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PLOT DATE = 5/7/2011		DATE - 3/18/2011	REVISED -			ILLINOIS FED. AID PROJECT					
						CONTRACT NO. 60P33					



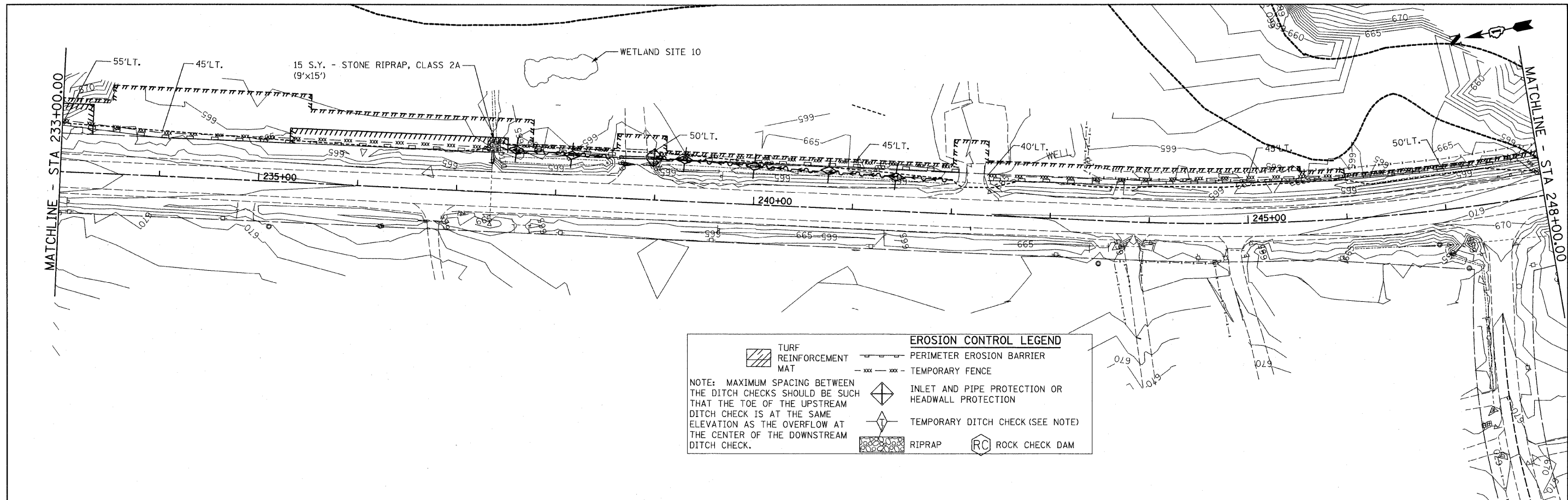
EROSION CONTROL LEGEND

	TURF REINFORCEMENT MAT		PERIMETER EROSION BARRIER
	TEMPORARY FENCE		INLET AND PIPE PROTECTION OR HEADWALL PROTECTION
	TEMPORARY DITCH CHECK (SEE NOTE)		RIPRAP
	ROCK CHECK DAM		

NOTE: MAXIMUM SPACING BETWEEN THE DITCH CHECKS SHOULD BE SUCH THAT THE TOE OF THE UPSTREAM DITCH CHECK IS AT THE SAME ELEVATION AS THE OVERFLOW AT THE CENTER OF THE DOWNSTREAM DITCH CHECK.



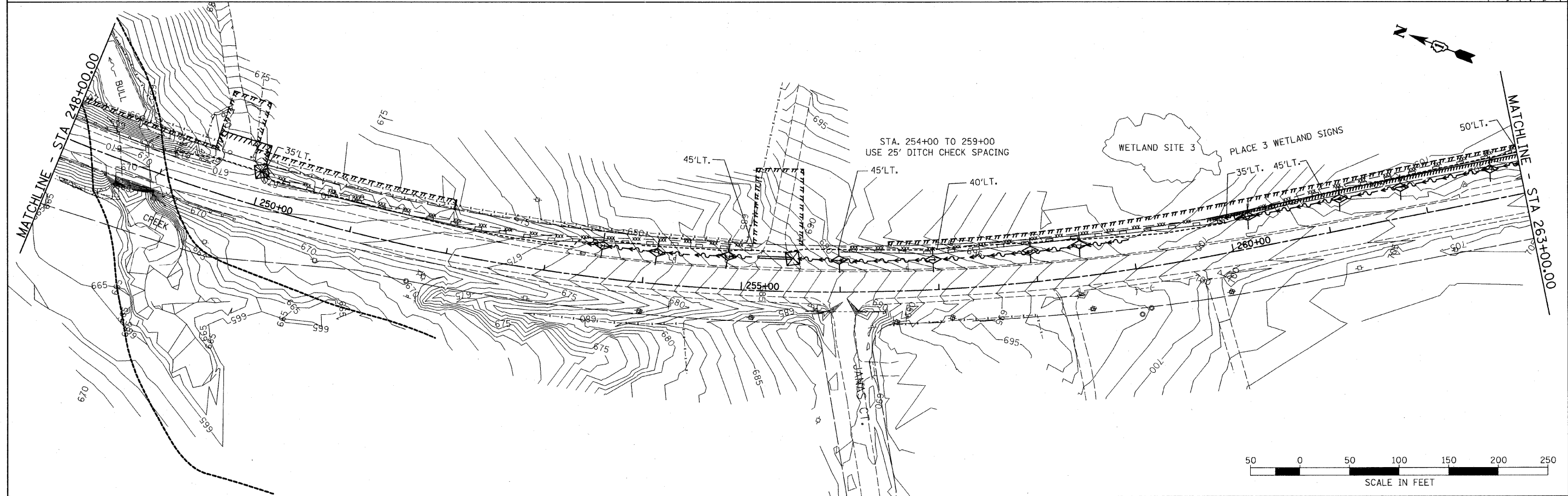
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PLOT SCALE = 50.0000' / IN.		CHECKED - GFL	REVISED -			ILLINOIS FED. AID PROJECT						
PLOT DATE = 5/7/2011		DATE - 3/18/2011	REVISED -									



EROSION CONTROL LEGEND

	TURF REINFORCEMENT MAT		PERIMETER EROSION BARRIER
	TEMPORARY FENCE		INLET AND PIPE PROTECTION OR HEADWALL PROTECTION
	RIPRAP		ROCK CHECK DAM

NOTE: MAXIMUM SPACING BETWEEN THE DITCH CHECKS SHOULD BE SUCH THAT THE TOE OF THE UPSTREAM DITCH CHECK IS AT THE SAME ELEVATION AS THE OVERFLOW AT THE CENTER OF THE DOWNSTREAM DITCH CHECK.



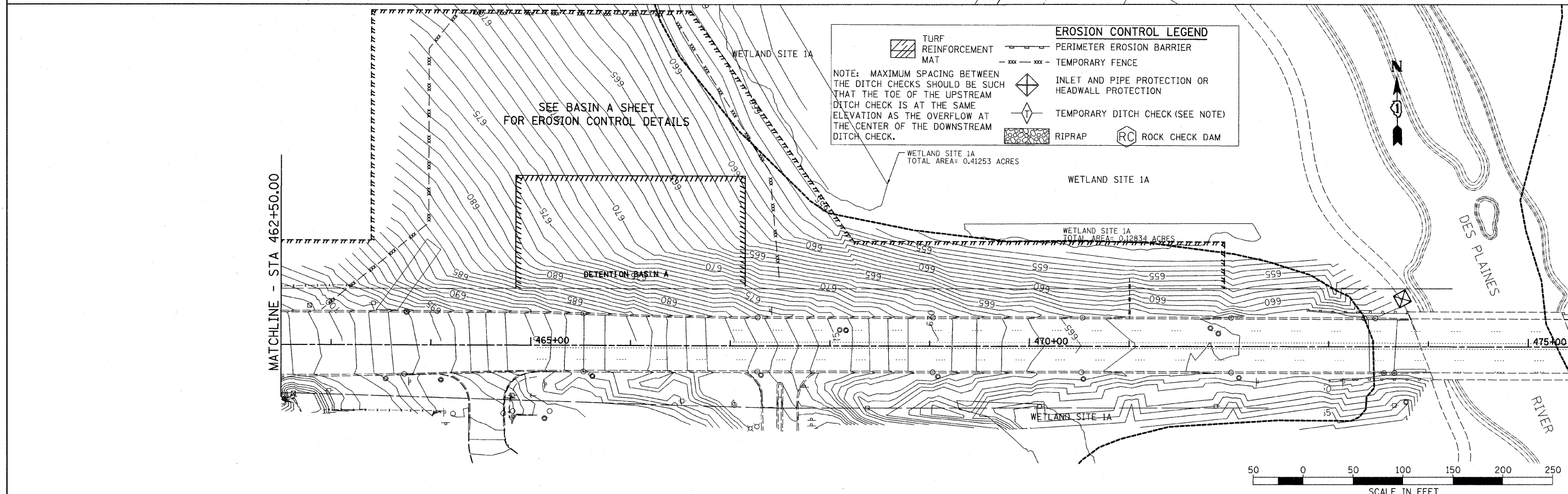
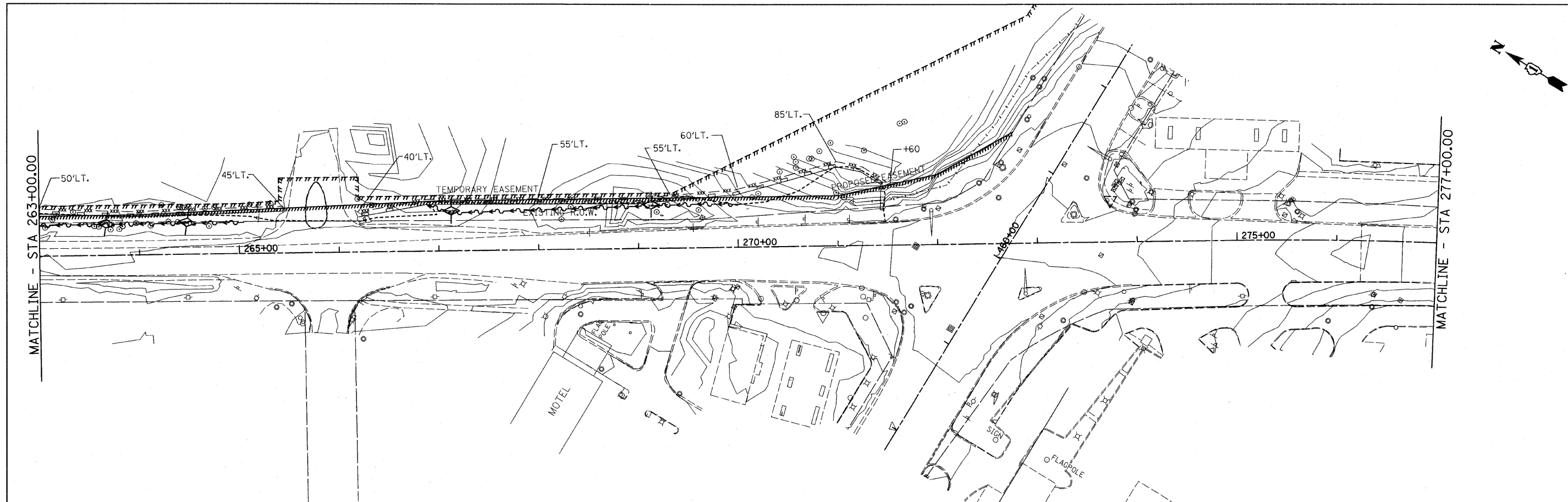
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PLOT DATE = 5/7/2011		DATE - 3/18/2011	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

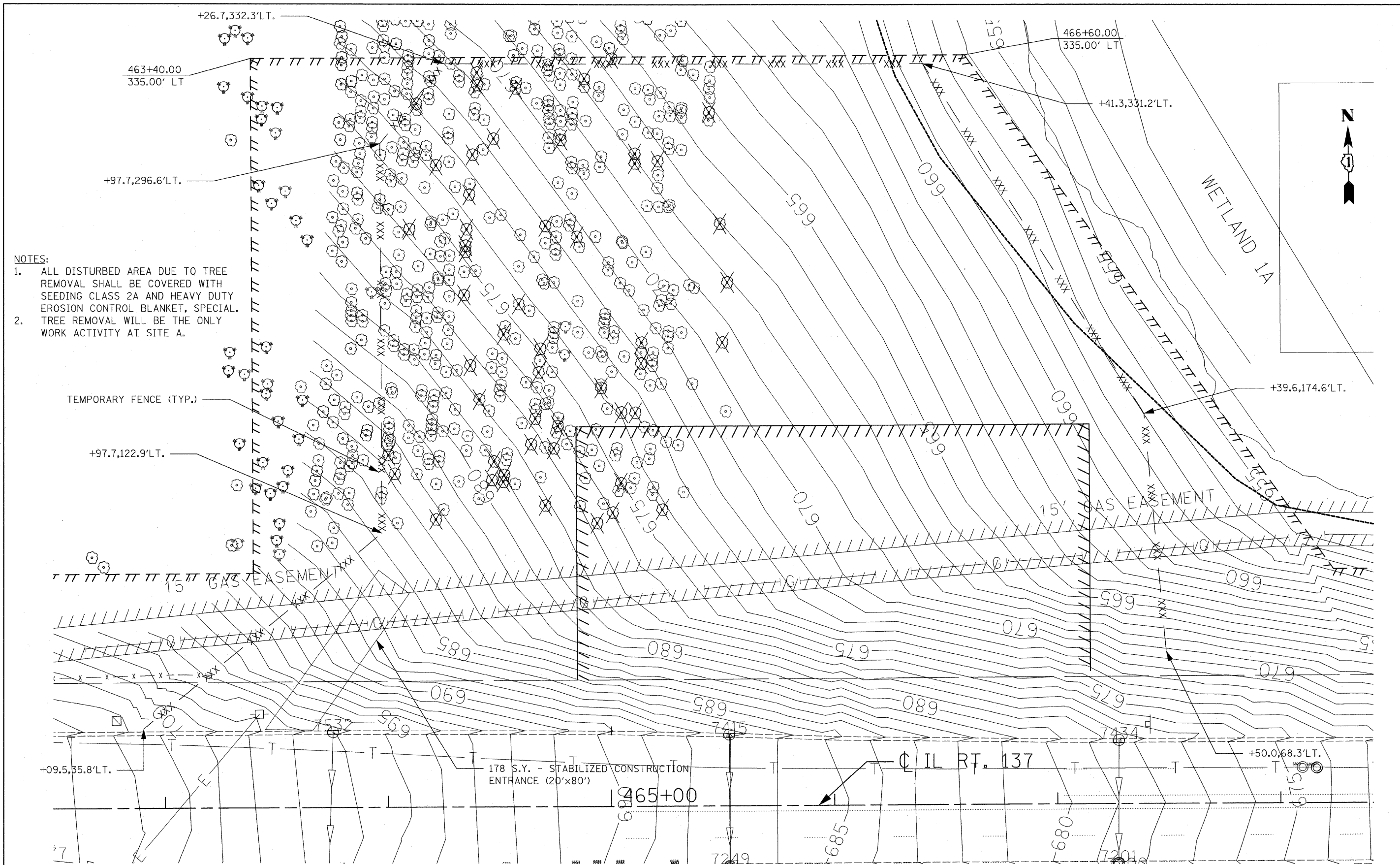
**EROSION AND SEDIMENT CONTROL PLAN
IL RTE 21 (MILWAUKEE AVE)**

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 233+00.00 TO STA. 263+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	128-I-3	LAKE	128	28
				CONTRACT NO. 60P33
ILLINOIS FED. AID PROJECT				

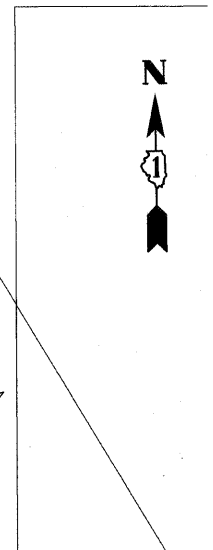


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11\102905_1121adv\cadd sheets\sh-erco01.dgn		DRAWN - BK	REVISED -			330	128-I-3	LAKE	128	29	
PLOT SCALE = 50.0000' / IN.		CHECKED - GFL	REVISED -			SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 263+00.00 TO STA. 291+15.93					
PLOT DATE = 5/7/2011		DATE - 3/18/2011	REVISED -			ILLINOIS FED. AID PROJECT CONTRACT NO. 60P33					



NOTES:

1. ALL DISTURBED AREA DUE TO TREE REMOVAL SHALL BE COVERED WITH SEEDING CLASS 2A AND HEAVY DUTY EROSION CONTROL BLANKET, SPECIAL.
2. TREE REMOVAL WILL BE THE ONLY WORK ACTIVITY AT SITE A.



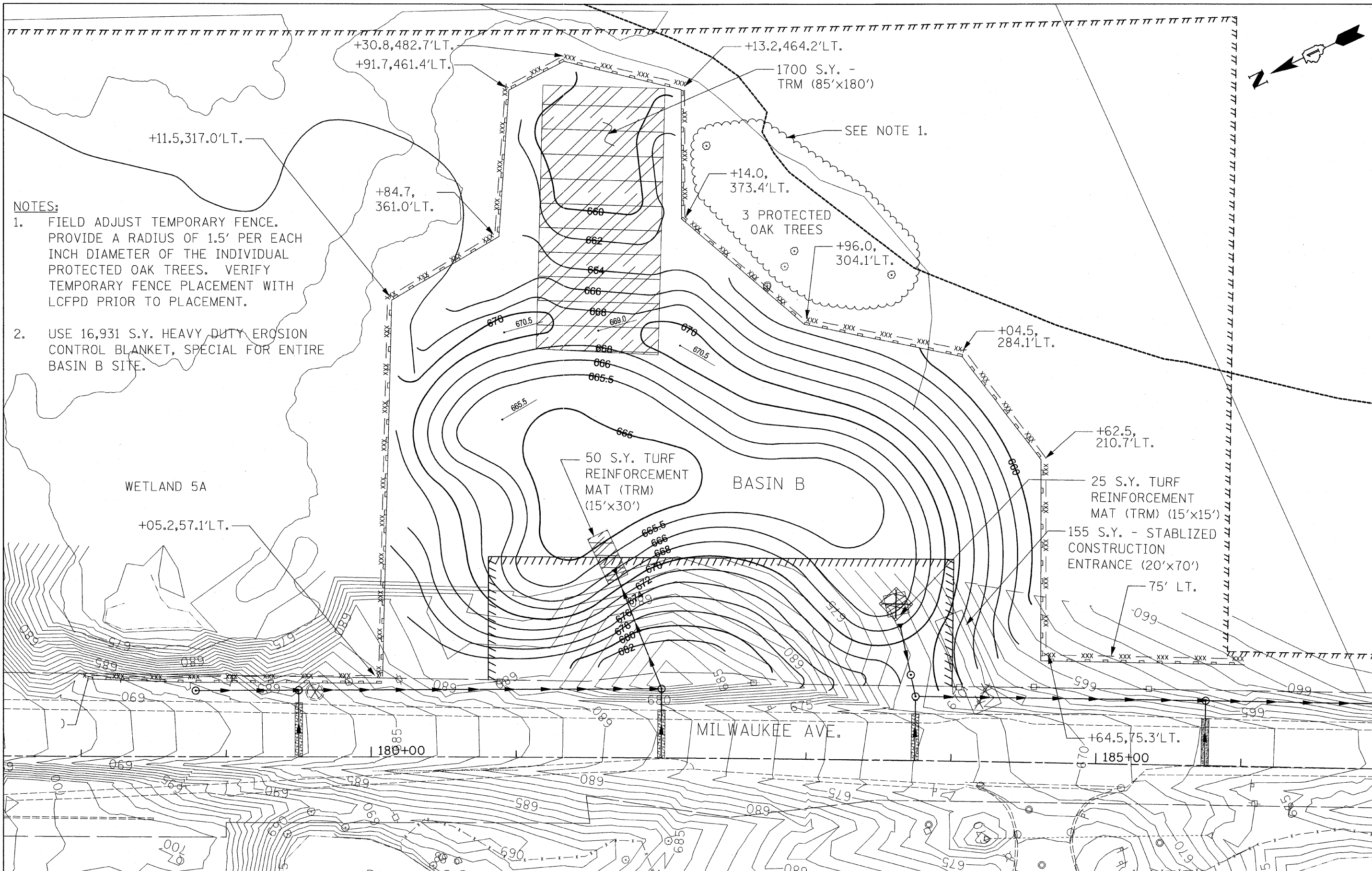
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	PLOT DATE = 5/7/2011	DATE - 3/18/2011	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLAN
RETENTION/DETENTION SITE A**

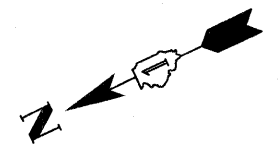
SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	128-I-3	LAKE	128	30
				CONTRACT NO. 60P33
ILLINOIS FED. AID PROJECT				



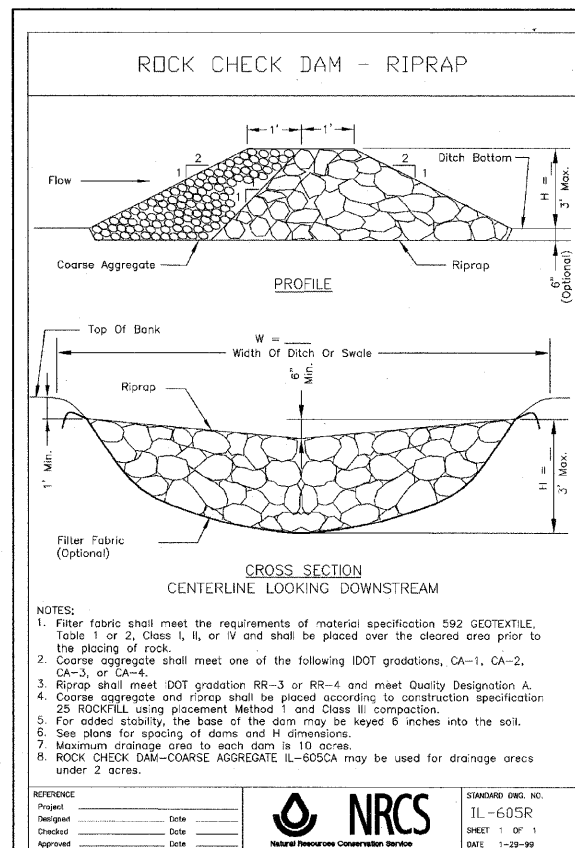
NOTES:

1. FIELD ADJUST TEMPORARY FENCE. PROVIDE A RADIUS OF 1.5' PER EACH INCH DIAMETER OF THE INDIVIDUAL PROTECTED OAK TREES. VERIFY TEMPORARY FENCE PLACEMENT WITH LCFPD PRIOR TO PLACEMENT.
2. USE 16,931 S.Y. HEAVY DUTY EROSION CONTROL BLANKET, SPECIAL FOR ENTIRE BASIN B SITE.



FILE NAME =	USER NAME = IDOT	DESIGNED - EJM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION AND SEDIMENT CONTROL PLAN RETENTION/DETENTION BASIN B	F.A.P. RTE. 330	SECTION 128-I-3	COUNTY LAKE	TOTAL SHEETS 128	SHEET NO. 31	
\\102905_IL21\adv\CADD Sheets\sh-erosB\inB_30sc01.dgn		DRAWN - BK	REVISED -			SCALE: SHEET NO. OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT			
PLOT SCALE = 30.0000' / IN.		CHECKED - GFL	REVISED -			CONTRACT NO. 60P33					
PLOT DATE = 5/7/2011		DATE - 3/18/2011	REVISED -								

EROSION & SEDIMENT CONTROL DETAILS



- NOTES:**
1. Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table 1 or 2, Class I, II, or IV and shall be placed over the cleared area prior to the placing of rock.
 2. Coarse aggregate shall meet one of the following IDOT gradations, CA-1, CA-2, CA-3, or CA-4.
 3. Riprap shall meet IDOT gradation RR-3 or RR-4 and meet Quality Designation A.
 4. Coarse aggregate and riprap shall be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
 5. For added stability, the base of the dam may be keyed 6 inches into the soil.
 6. See plans for spacing of dams and H dimensions.
 7. Maximum drainage area to each dam is 10 acres.
 8. ROCK CHECK DAM-COARSE AGGREGATE IL-605CA may be used for drainage areas under 2 acres.

Project	Date	DESIGNED -	EJM	REVISED -	
Design	Date	DRAWN -	BK	REVISED -	
Checked	Date	CHECKED -	GFL	REVISED -	
Approved	Date	DATE -	12/17/10	REVISED -	



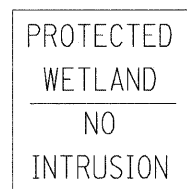
STANDARD ENG. NO.
IL-605R
SHEET 1 OF 1
DATE: 1-29-99

ROCK CHECK DAM NOTES:

1. THE RIPRAP SIZE FOR THE ROCK CHECK DAM SHALL BE IN ACCORDANCE WITH THE DETAILS SHOWN IN THE DETAIL. THIS MATERIAL SHALL BE PAID FOR AS "AGGREGATE (EROSION CONTROL)". THIS UNIT PRICE SHALL INCLUDE THE FILTER FABRIC.
2. THE REMOVAL OF THE ROCK CHECK DAMS, INCLUDING THE FILTER FABRIC, SHALL BE INCLUDED IN THE COST OF "AGGREGATE (EROSION CONTROL)".
3. THE LIMITS OF THE ROCK CHECK DAM SHALL EXTEND 1 FOOT ABOVE THE OVERFLOW HEIGHT.

EROSION CONTROL NOTES:

1. TEMPORARY DITCH CHECKS SHALL BE INSTALLED AS SOON AS POSSIBLE.
2. TEMPORARY EROSION CONTROL SEEDING SHALL BE USED ON THIS PROJECT.
3. TEMPORARY EROSION CONTROL DEVICES SHALL BE CONSTRUCTED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
4. PERIMETER EROSION BARRIER SHALL BE INSTALLED ALONG CONTOUR PER BDE DESIGN MANUAL CHAPTER 41, PAGE 41.3-4.
5. TEMPORARY SEEDING AND MULCHING MAY BE OMITTED IF PERMANENT LANDSCAPING IS INSTALLED IMMEDIATELY AFTER COMPLETION OF GRADING.
6. INLET AND PIPE PROTECTION TO BE INSTALLED FOLLOWING INSTALLATION OF THAT STRUCTURE OR CULVERT. STRAW BALES SHALL NOT BE ALLOWED. USE A COMBINATION OF TEMPORARY SEED, EROSION CONTROL BLANKET, AND TEMPORARY DITCH CHECKS FOR INLET AND PIPE PROTECTION.
7. ALL RIPRAP SHALL BE PLACED ON FILTER FABRIC.
8. PERIMETER EROSION BARRIER OR TEMPORARY FENCE SHALL BE INSTALLED AT THE CONSTRUCTION LIMITS. TEMPORARY FENCE MAY BE INSTALLED IN LEU OF PERIMETER EROSION BARRIER, SPECIAL IF RUNOFF IS TOWARDS THE RIGHT OF WAY AND IF APPROVED BY THE ENGINEER.
9. AT THE END OF THE CONTRACT, AS DIRECTED BY THE RE, CONTRACTOR SHALL MAINTAIN BMP'S TO RENDER THEM FUNCTIONAL, AND FUNCTIONAL BMP'S ARE TO REMAIN IN PLACE. ALL OTHER BMP'S ARE TO BE REMOVED AS DIRECTED BY THE RE.
10. "PROTECTED WETLAND - NO INTRUSION" SIGNAGE SHALL BE ERECTED AT WETLAND AND WATERS TO BE PRESERVED. "WETLANDS" SIGNS SHALL BE ATTACHED TO THE POST OF THE PERIMETER EROSION BARRIER ITEM. SIGNS ARE AVAILABLE FROM THE ROADSIDE DEVELOPMENT UNIT, 847-705-4172. THE SIGNS WILL BE INCIDENTAL TO THE PERIMETER EROSION BARRIER. 3 SIGNS SHALL BE POSTED AT EACH LOCATION.
11. FOR AREAS OF TREE REMOVAL ONLY: DISTURBED AREAS SHALL BE COVERED WITH SEEDING, CLASS 2A AND HEAVY DUTY EROSION CONTROL BLANKET, SPECIAL.
12. QUANTITIES FOR MULCH METHOD 1 TO 4 HAVE BEEN INCLUDED IN THE CONTRACT FOR USE BE THE CONTRACTOR AS NEEDED BASED ON FIELD CONDITIONS.



WETLANDS SIGN
12"x12"

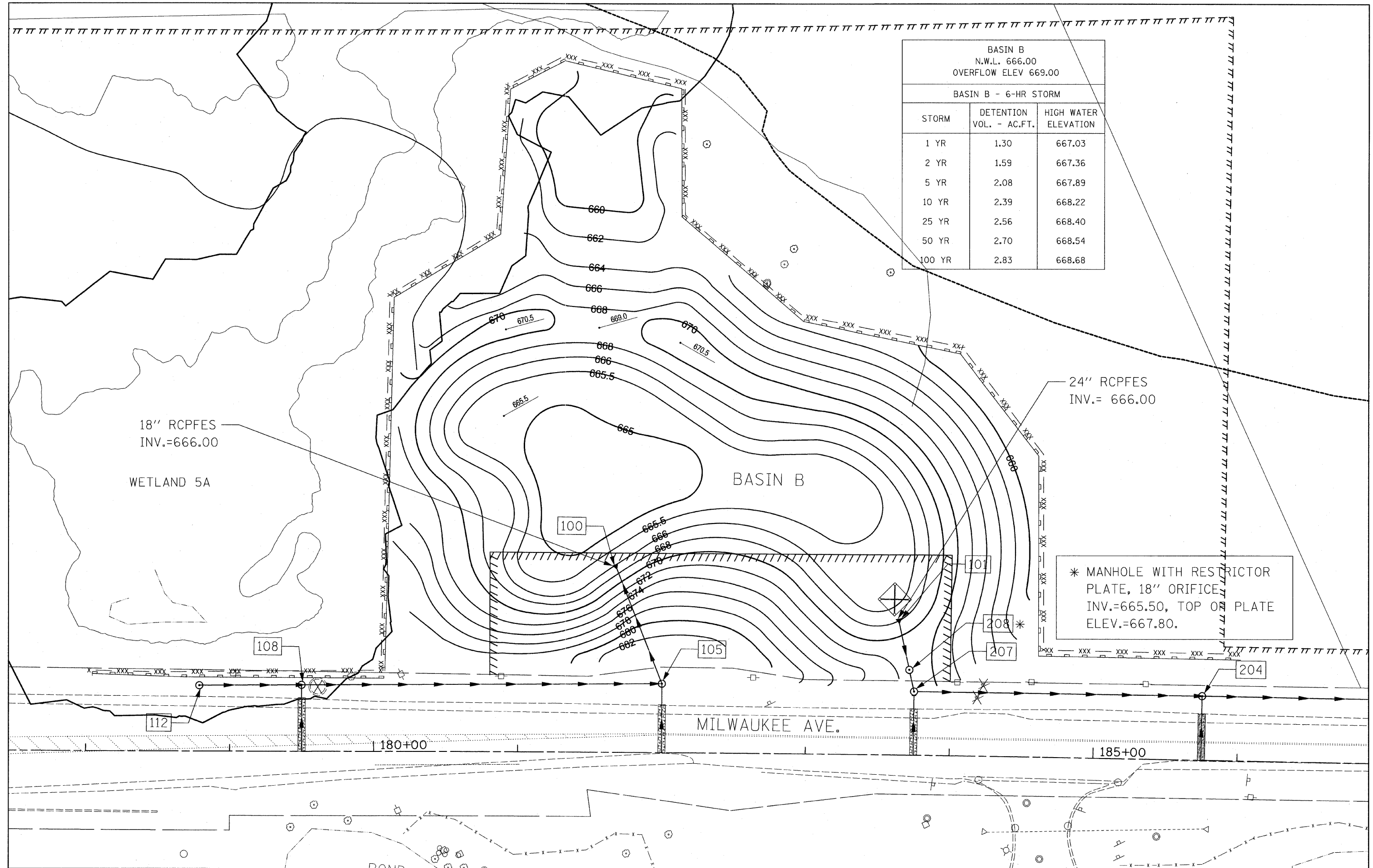
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		DRAWN -	BK	REVISED -	
		CHECKED -	GFL	REVISED -	
		DATE -	12/17/10	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL DETAILS AND NOTES
IL. RTE. 21 (MILWAUKEE AVE.)

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 128-I-3	COUNTY LAKE	TOTAL SHEETS 128	SHEET NO. 32
CONTRACT NO. 60P33				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



BASIN B N.W.L. 666.00 OVERFLOW ELEV 669.00		
BASIN B - 6-HR STORM		
STORM	DETENTION VOL. - AC.FT.	HIGH WATER ELEVATION
1 YR	1.30	667.03
2 YR	1.59	667.36
5 YR	2.08	667.89
10 YR	2.39	668.22
25 YR	2.56	668.40
50 YR	2.70	668.54
100 YR	2.83	668.68

18" RCPFES
INV.=666.00

WETLAND 5A

24" RCPFES
INV.= 666.00

* MANHOLE WITH RESTRICTOR
PLATE, 18" ORIFICE
INV.=665.50, TOP OF PLATE
ELEV.=667.80.

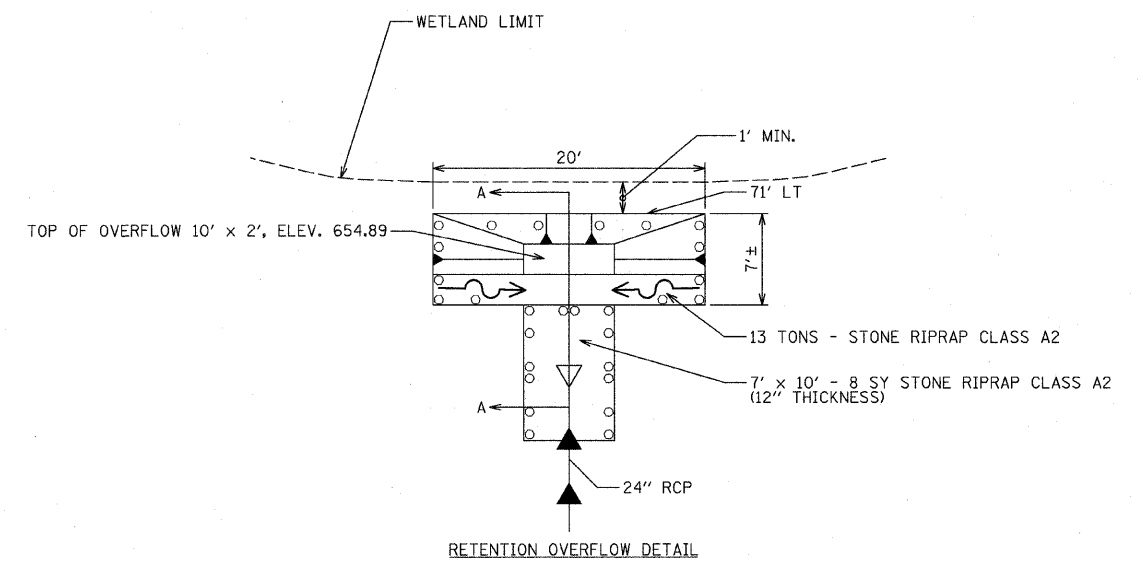
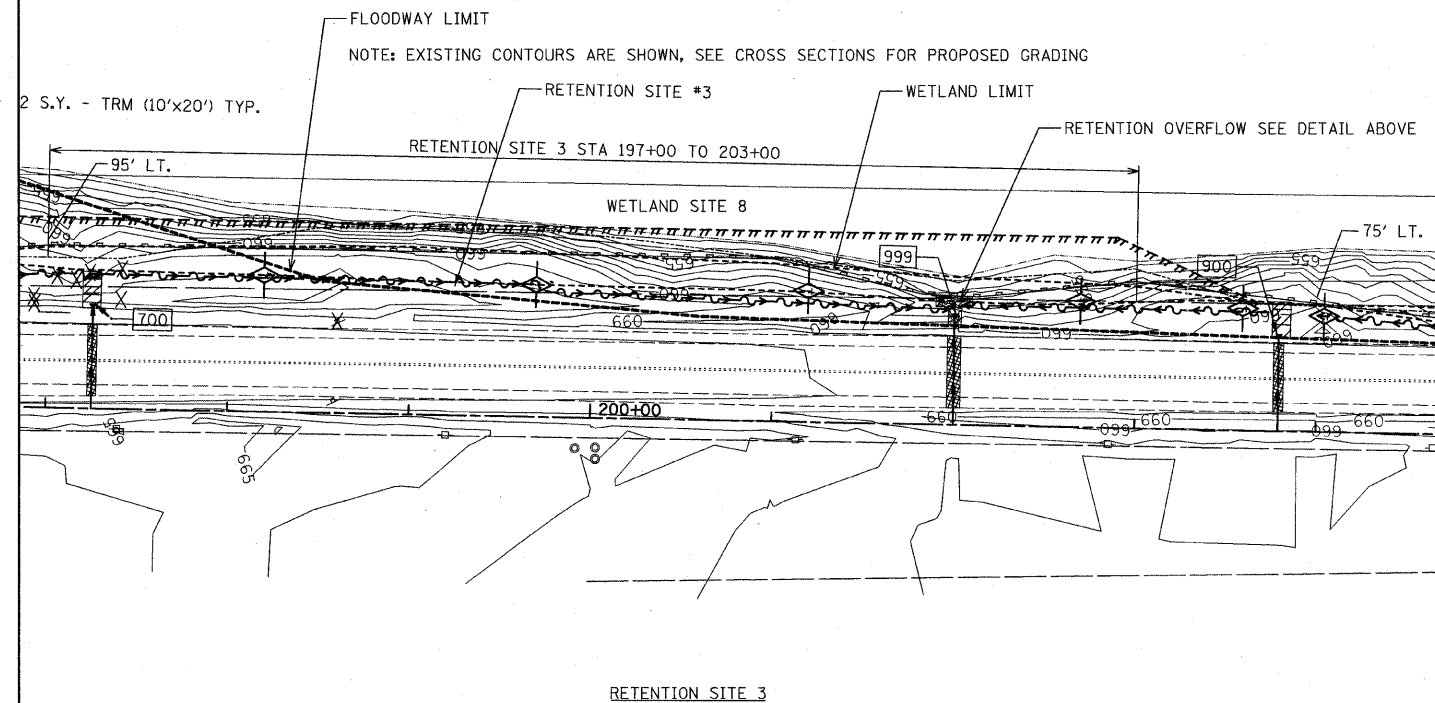
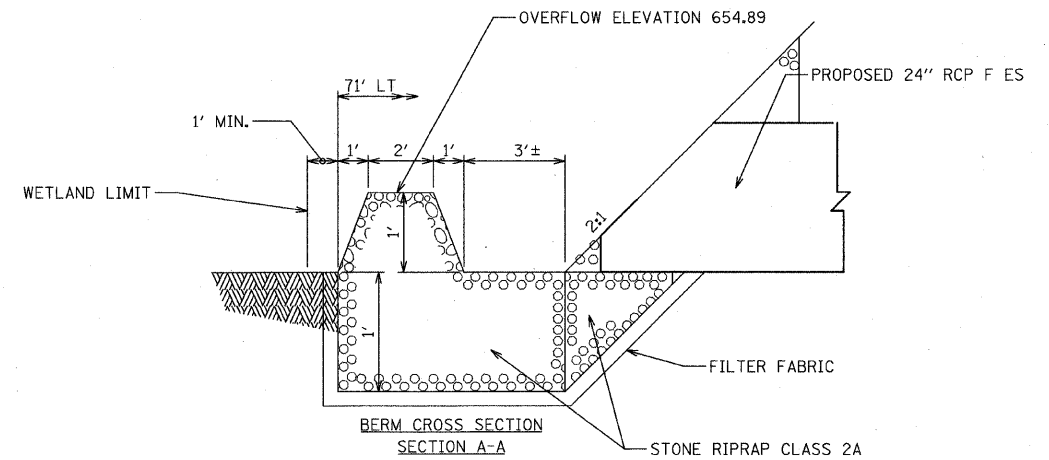
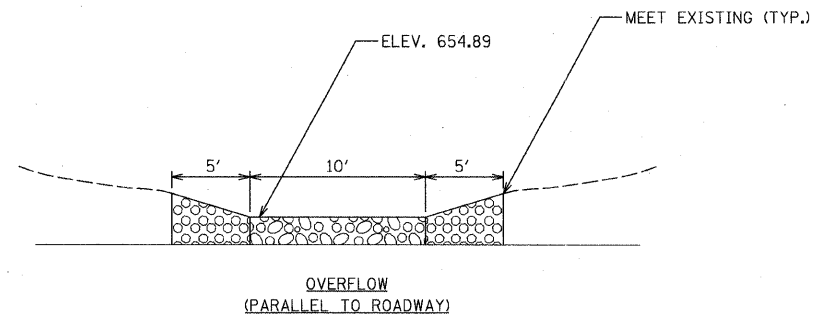
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	PLOT SCALE = 30.0000' / IN.	CHECKED - GFL	REVISED -
	PLOT DATE = 5/7/2011	DATE - 3/18/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN RETENTION/DETENTION SITE B			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE. 330	SECTION 128-1-3	COUNTY LAKE	TOTAL SHEETS 128	SHEET NO. 33
CONTRACT NO. 60P33				
ILLINOIS FED. AID PROJECT				

IL21 SITE 3 VOLUME PROVIDED			
STA	AREA (SQFT)	AVG AREA (SQFT)	VOLUME (CUFT)
203+00	7.75	9.13	228.13
202+00	10.5	10.00	1000
201+00	9.5	8.75	875
200+00	8	7.29	728.5
199+00	6.57	5.84	583.5
198+00	5.1	4.80	480
197+00	4.5		
TOTAL			3895.13
TOTAL CUYD			144.26



FILE NAME = sh1-detention-3-4.dgn	USER NAME = IDOT	DESIGNED - EJM	REVISED -
		DRAWN - BK	REVISED -
	PLOT SCALE = 50.000000' / IN.	CHECKED - CFL	REVISED -
	PLOT DATE = 5/7/2011	DATE - 12/17/10	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
RETENTION SITE 3

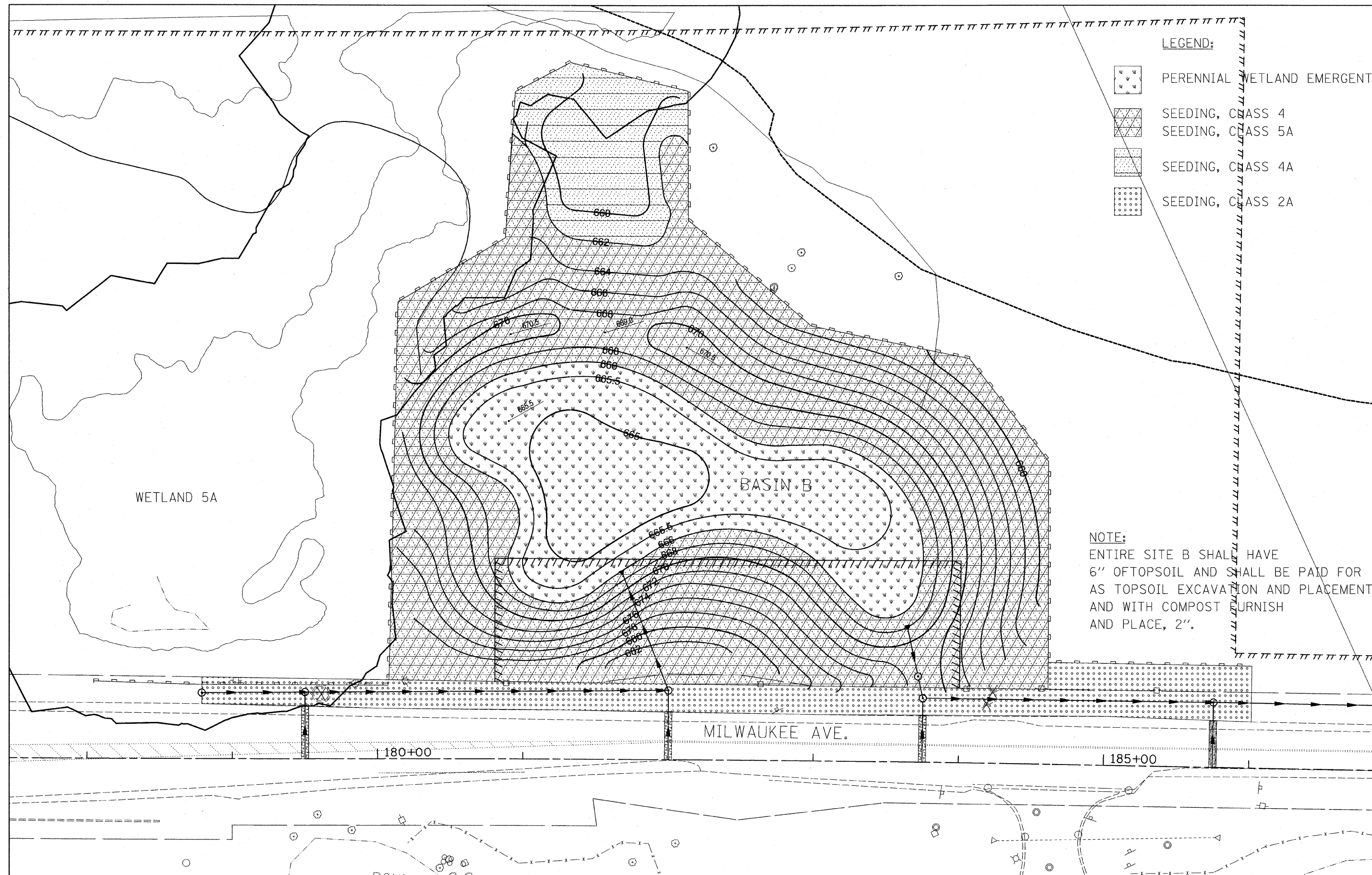
SCALE: SHEET NO. OF SHEETS STA. TO STA.






F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	128-I-3	LAKE	128	34
CONTRACT NO. 60P33				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PAY ITEM NUMBER			X6020094	60218400	54213657	54213660	54213663	54213669	54247110	54247130				
			FLARED END SECTIONS											
DESC.	STATION	OFFSET	MAN TA 6 DIA T1F CL W/ RESTRICTOR PLATE	MAN TA 4 DIA T1F CL	PRC FLAR END SEC 12	PRC FLAR END SEC 15	PRC FLAR END SEC 18	PRC FLAR END SEC 24	GRATING FES 18	GRATING FES 24	OTHER	RM ELEV	INVERT ELEV	DESC
100	181+68.00	130.00' LT							1		1		666.00	100
105	182+00.00	48.64' LT		1							2 SUMP	683.33	667.68 E, 675.75 W, 675.03 N	105
CL	182+00.00	0.00'											676.00 E	CL
108	179+50.00	46.84' LT		1								688.75	679.78 S & N, 683.00 W	108
CL	179+50.00	0.00'											683.97 E	CL
112	178+78.85	46.37' LT									FUTURE ADJUSTMENT	693.55	EX 682.00 N & S FIELD VERIFY	112
STUB	186+95.00	45.58' LT											660.10	STUB
204	185+75.00	45.58' LT		1								667.97	663.40 S, 663.62 W, 663.42 N	204
CL	185+75.00	0.00'											664.08 E	CL
207	183+75.00	45.00' LT		1								676.07	668.30 E & S 670.62 W	207
CL	183+75.00	0.00'											671.15 E	CL
101	183+64.00	94.00' LT						1		1			666.00	101
208	183+71.55	60.00' LT	1								OUTLET CONTROL	671.50	665.50	208
400	194+36.06	45.55' LT									12" PIPE INTO CULVERT		655.20	400
401	194+01.00	45.58' LT		1								662.65	655.50 S, 658.29 W	401
CL	194+01.00	0.00'											658.75 E	CL
500	195+11.43	55.00' LT				1							659.00	500
501	195+11.79	34.08' LT									FUTURE CONSTRUCTION		659.06 E & W, 659.31 S	501
CL	195+03.46	0.00'											659.22 E	CL
600	196+23.00	56.00' LT			1								658.66	600
CL	196+23.00	0.00'											658.91 E	CL
700	197+25.00	58.00' LT			1								658.84	700
CL	197+25.00	0.00'											659.48 E	CL
900	203+79.00	53.83' LT				1							658.50 W	900
CL	203+79.00	0.00'											659.29 E	CL
999	202+00.00	61.22' LT							1				653.64	999
CL	202+00.00	38.78' RT		1						1			653.71 E	CL
TOTAL			1	6	2	2	1	2	1	2	TOTAL			

PAY ITEM NUMBER		20800150	550A0050	550A0340	550A0070	550A0360	550A0090	550A0120	550A0410		
			12"		15"		18"		24"		
			CLASS A		CLASS A		CLASS A		CLASS A		STRUCTURE
FROM	TO	TRENCH BACKFILL CU YD	TYPE 1 FEET	TYPE 2 FEET	TYPE 1 FEET	TYPE 2 FEET	TYPE 1 FEET	TYPE 1 FEET	TYPE 2 FEET	FROM	TO
CL	207			44.5						CL	207
105	100						84			105	100
CL	105	1.72		48						CL	105
108	105					250				108	105
CL	108	7.04		46						CL	108
112	108					71				112	108
204	STUB								119	204	STUB
CL	204	7.24		45						CL	204
207	204								198	207	204
207	208								13	207	208
208	101								32	208	101
401	400			35						401	400
CL	401	11.97		46						CL	401
future (501)	500	1.53			19					future (501)	500
CL	future (501)	5.92		35						CL	future (501)
CL	600	7.74		54						CL	600
CL	700	4.91		56						CL	700
CL	900	2.56			52					CL	900
CL	999	41.43						59		CL	999
TOTAL		92.1	145	265	71	321	84	59	362	TOTAL	

TEMPORARY PIPE CULVERTS			
PIPE CULVERTS, CLASS A, TYPE 1			
LOCATION	5421A012	5421A024	5421A030
	12"	24"	30"
219+40±, LT.	-	-	12'
237+35±, LT.	-	16'	-
238+80±, LT.	32'	-	-
255+30±, LT.	34'	-	-
TOTAL	66'	16'	12'

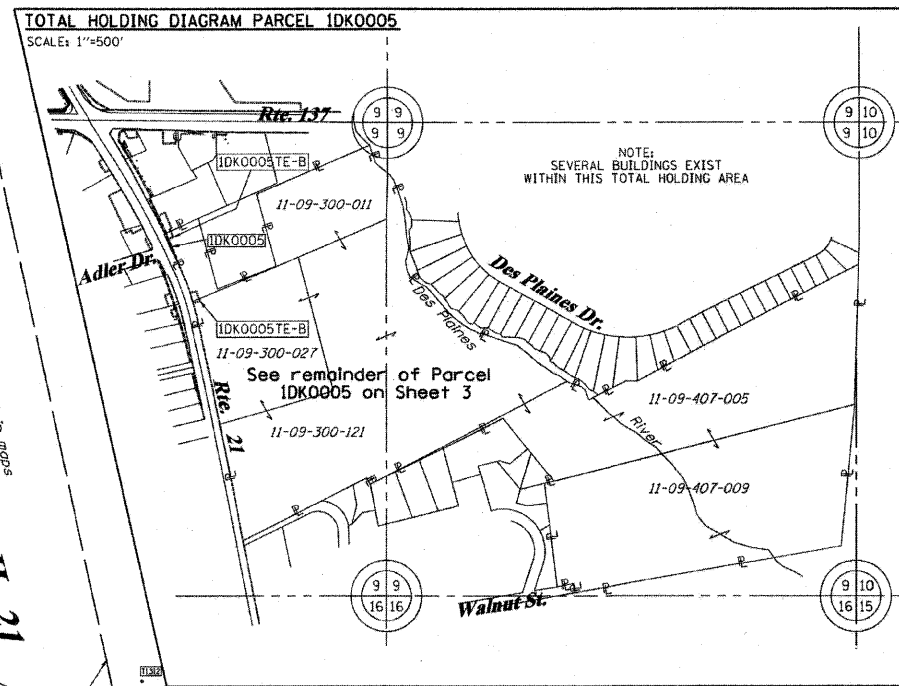


- LEGEND:**
-  PERENNIAL WETLAND EMERGENT
 -  SEEDING, CLASS 4
 -  SEEDING, CLASS 5A
 -  SEEDING, CLASS 4A
 -  SEEDING, CLASS 2A

NOTE:
 ENTIRE SITE B SHALL HAVE
 6" OF TOPSOIL AND SHALL BE PAID FOR
 AS TOPSOIL EXCAVATION AND PLACEMENT
 AND WITH COMPOST FURNISH
 AND PLACE, 2".

FILE NAME =	USER NAME = IDOT	DESIGNED - EJM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LANDSCAPING PLAN RETENTION/DETENTION SITE B	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
1182925.IL21.edv\CADD Sheets\shd-landscap\B.30scal.dgn		DRAWN - BK	REVISED -			330	128-I-3	LAKE	128	36	
PLOT SCALE = 30,000' / IN.		CHECKED - GFL	REVISED -			CONTRACT NO. 60P33					
PLOT DATE = 5/7/2011		DATE - 3/18/2011	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE:	SHEET NO. OF SHEETS STA. TO STA.						

PART OF THE SW1/4 OF SECTION 9, TWP. 44 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.



COORDINATE TABLE

STATION	OFFSET	PTH	NORTH	EAST	PLAN STATION	
259+43.14	0.00'	RT.	5018	2052889.072	1085826.961	288+29.44
256+72.59	0.00'	RT.	5019	2052624.526	1085883.652	291+00.00
262+37.12	50.00'	LT.	5131	2053159.669	1085706.424	285+35.45
259+48.15	50.00'	LT.	5133	2052883.434	1085777.030	288+24.43
259+43.14	50.00'	LT.	5134	2052878.594	1085778.071	288+29.44
258+72.57	50.00'	LT.	5135	2052809.596	1085792.857	289+00.01
257+60.59	39.97'	LT.	5136	2052702.205	1085826.125	290+12.00
262+23.16	49.37'	RT.	8715	2053174.338	1085805.692	285+49.41
260+08.94	50.00'	LT.	8732	2052941.974	1085763.917	287+63.64

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1DK0001	PARKVIEW PROFESSIONAL PLAZA CONDOMINIUM ASSOCIATION	1.757	0.031	N/A	1.726	N/A	N/A	N/A	11-09-300-071 thru 11-09-300-086	
1DK0002	ADLER-VIEW CONDOMINIUM ASSOCIATION	1.519	0.074	N/A	1.445	N/A	N/A	N/A	11-09-300-088 thru 11-09-300-107	

REFERENCE TIE TABLE

FROM	BEARING/ANGLE	DISTANCE	TO	DESCRIPTION
5018	SW 58 14'58"	66.27	1310	5/8" REBAR WITH YELLOW CAP
5018	NW 50 05'40"	112.5	1311	5/8" REBAR WITH YELLOW CAP
5018	NE 44 42'45"	60.22	1312	5/8" REBAR WITH YELLOW CAP
5019	NW 02 40'05"	307.67	1312	5/8" REBAR WITH YELLOW CAP
5019	SW 75 48'05"	51.58	1313	CUT CROSS ON INLET RIM
5019	NE 37 00'01"	41.36	1314	CUT CROSS ON INLET RIM
5133	SW 13 57'47"	29.11	1310	5/8" REBAR WITH YELLOW CAP
5133	NW 23 08'20"	85.94	1311	5/8" REBAR WITH YELLOW CAP
5133	NE 62 18'47"	104.23	1312	5/8" REBAR WITH YELLOW CAP
5134	SW 18 00'31"	24.76	1310	5/8" REBAR WITH YELLOW CAP
5134	NW 24 20'14"	90.77	1311	5/8" REBAR WITH YELLOW CAP
5134	NE 50 43'35"	105.88	1312	5/8" REBAR WITH YELLOW CAP
5135	NW 26 37'11"	51	1310	5/8" REBAR WITH YELLOW CAP
5135	NE 32 01'21"	144.21	1312	5/8" REBAR WITH YELLOW CAP
5135	SE 37 15'31"	191.15	1314	CUT CROSS ON INLET RIM
5136	NE 10 38'11"	233.69	1312	5/8" REBAR WITH YELLOW CAP
5136	SE 04 45'38"	90.64	1313	CUT CROSS ON INLET RIM
5136	SE 61 32'33"	93.84	1314	CUT CROSS ON INLET RIM
8732	SE 04 00'51"	87	1310	5/8" REBAR WITH YELLOW CAP
8732	NW 50 32'23"	30.31	1311	5/8" REBAR WITH YELLOW CAP
8732	SE 84 31'16"	105.89	1312	5/8" REBAR WITH YELLOW CAP

NOTES:
 1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MUND BM34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.

STATE OF ILLINOIS)
 COUNTY OF)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 9, TOWNSHIP 44 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE 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 _____, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
 LICENSE EXPIRATION DATE: 11-30-2010

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

RECEIVED
 OCT 14 2010
 PLATS & LEGALS

MADE BY TLW

RUETTIGER, TONELLI & ASSOCIATES, INC.
 Lead Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
 2174 ONEIDA STREET
 JOLIET, ILLINOIS 60435
 PH. (815) 744-6600 FAX (815) 744-0101

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 FAP 330 (IL 21)

SECTION: 128R-3 COUNTY: LAKE
 PROJECT: JOB NO. R-91-027-01
 STATION 256+72.58 TO STATION 262+37.12
 SCALE: 1"=30' SHEET 2 OF

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

LEGEND

SECTION CORNER: 9 10 / 16 15
 QUARTER SECTION CORNER: 16 15

SECTION LINE
 QUARTER SECTION LINE
 QUARTER, QUARTER SECTION LINE
 PLATTED LOT LINES
 PROPERTY (DEED) LINE
 APPARENT PROPERTY LINE
 CENTERLINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 PROPOSED EASEMENT
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORDED DIMENSION
 EXISTING BUILDING

GRAPHIC SCALE
 FEET
 0 20.00 40.00 60.00
 SCALE: 1" = 30'

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

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 TIE 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 TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 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. STANDARD 2135 (TO BE SET BY OTHERS)
 RIGHT OF WAY STAKING PROPOSED TO BE SET

PART OF THE SW1/4 OF SECTION 9, TWP. 44 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
IDK0003	ADLER PARK WEST CONDOMINIUM ASSOCIATION	0.951	0.055	N/A	0.896	0.025	N/A	CONST.	11-09-300-134 thru 11-09-300-155	
IDK0004	ADLER PROFESSIONAL CONDOMINIUM ASSOCIATION	1.580	0.101	N/A	1.479	0.057	N/A	CONST.	11-09-300-054 thru 11-09-300-069	
IDK0005	VILLAGE OF LIBERTYVILLE	108.76+	0.023	N/A	108.74+	TE-A-0.053 TE-B-0.025	N/A	CONST.	11-09-300-011 11-09-300-027 11-09-300-121 11-09-407-005 11-09-407-009	
IDK0006	DEAN A. CHUDY	0.455	0.018	N/A	0.437	N/A	N/A	N/A	11-09-303-011	

* AREAS OF CONTIGUOUS PROPERTY CALCULATED USING EXISTING PLATS & RECORDS.

REFERENCE TIE TABLE

FROM	BEARING/ANGLE	DISTANCE	TO	DESCRIPTION
8057	NW 77°14'00"	27.13	1318	CUT CROSS IN RIM OF VALVE VAULT
8057	NW 70°51'45"	84.15	1319	PK NAIL
8057	NE 41°32'17"	153.68	1320	CUT CROSS IN SANITARY MANHOLE RIM
8735	SV 87°34'08"	129.82	1318	CUT CROSS IN RIM OF VALVE VAULT
8735	NW 84°58'04"	183.46	1319	PK NAIL
8735	NW 00°44'31"	103.55	1320	CUT CROSS IN SANITARY MANHOLE RIM
8740	SV 88°00'18"	127.51	1318	CUT CROSS IN RIM OF VALVE VAULT
8740	NW 84°34'07"	181.29	1319	PK NAIL
8740	NE 00°30'34"	104.61	1320	CUT CROSS IN SANITARY MANHOLE RIM

COORDINATE TABLE

STATION	OFFSET	PT#	NORTH	EAST	PLAN STATION
263+44.57	50.00' LT.	5130	2053260.905	1085674.870	284+27.99
262+37.12	50.00' LT.	5131	2053159.669	1085706.424	285+35.45
263+47.20	84.90' LT.	8011	2053252.495	1085640.896	284+25.36
264+17.54	85.00' LT.	8012	2053317.619	1085618.771	283+55.02
264+17.54	50.00' LT.	8013	2053329.136	1085651.822	283+55.02
262+82.55	50.00' LT.	8017	2053202.585	1085693.429	284+90.01
263+22.56	50.00' LT.	8018	2053240.240	1085681.566	284+50.00
263+22.56	78.00' LT.	8019	2053231.687	1085654.904	284+50.00
262+82.55	78.00' LT.	8020	2053194.311	1085666.679	284+90.01
266+22.71	50.00' LT.	8057	2053518.455	1085580.093	281+49.84
265+28.05	50.00' LT.	8058	2053431.585	1085614.452	282+44.50
267+43.03	50.00' RT.	8170	2053668.426	1085624.619	280+29.51
267+43.04	80.00' RT.	8174	2053680.683	1085652.000	280+29.50
265+57.14	49.82' RT.	8716	2053494.641	1085697.121	282+15.41
267+43.02	39.30' RT.	8718	2053664.055	1085614.855	280+29.52
263+82.56	92.00' RT.	8734	2053341.978	1085797.548	283+90.00
265+94.55	50.00' RT.	8735	2053529.951	1085683.343	281+78.00
267+07.54	80.00' RT.	8736	2053647.530	1085666.642	280+65.00
263+82.56	55.02' RT.	8737	2053330.130	1085762.519	283+90.00
263+22.22	54.05' RT.	8738	2053271.701	1085780.746	284+50.34
263+22.22	92.03' RT.	8739	2053283.301	1085816.914	284+50.34
265+94.41	47.49' RT.	8740	2053528.883	1085681.072	281+78.14
267+07.54	50.00' RT.	8741	2053635.538	1085639.143	280+65.00

NOTES:
1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MUND BM34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.

STATE OF ILLINOIS)
COUNTY OF)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 9, TOWNSHIP 44 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE 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.

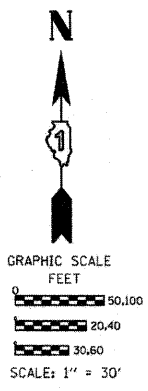
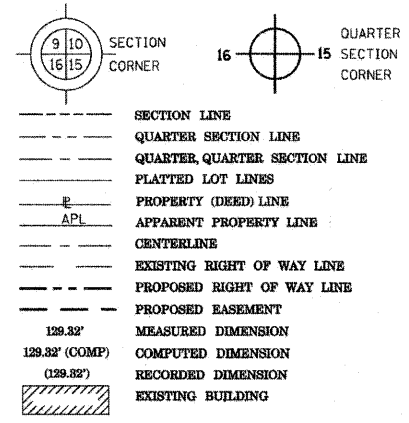
DATED AT _____, ILLINOIS THIS _____ DAY OF _____, 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2010

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

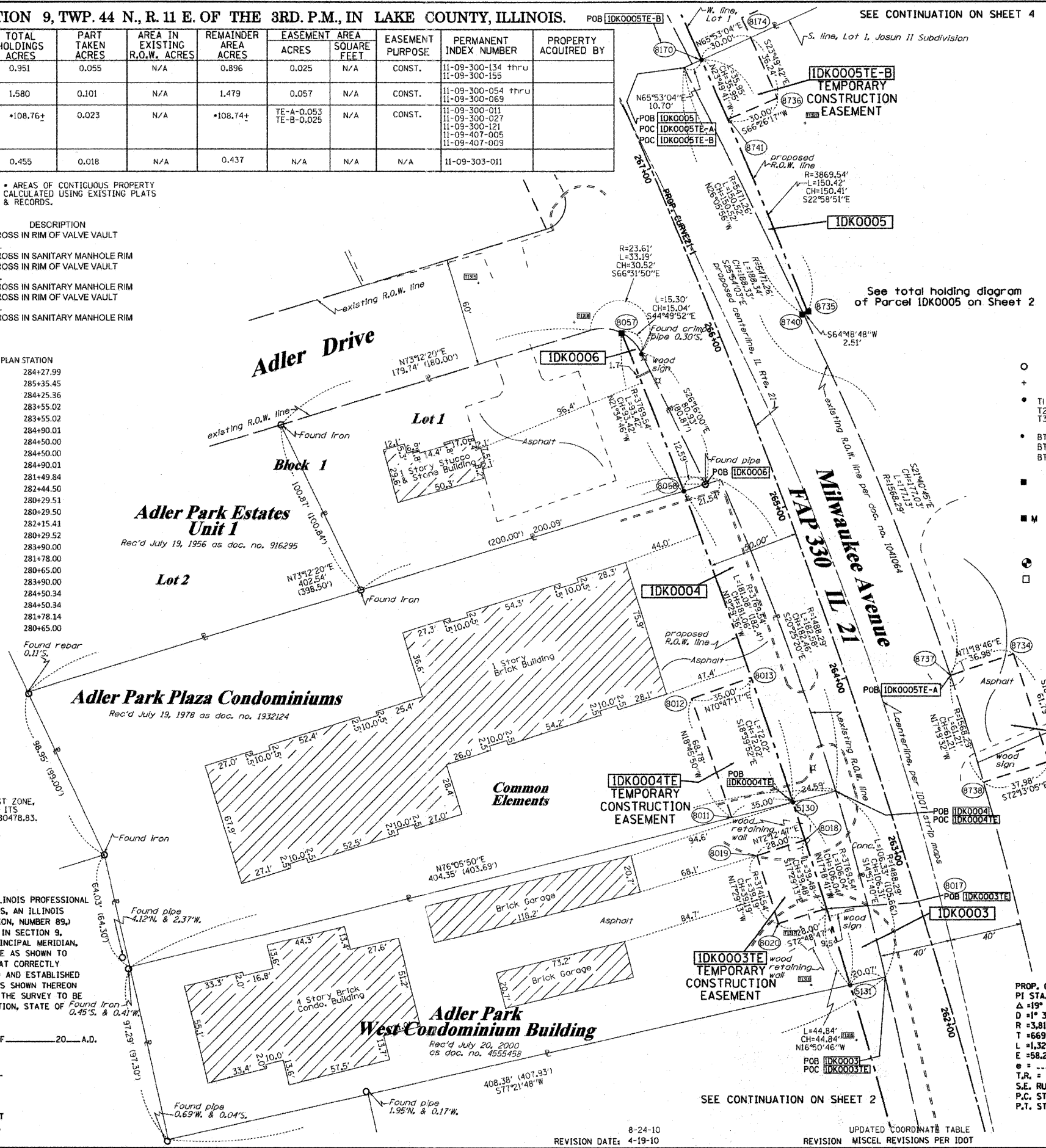
SEE CONTINUATION ON SHEET 4

LEGEND



Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1
- T2
- T3
- BT1
- 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. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET



See total holding diagram of Parcel IDK0005 on Sheet 2

SEE CONTINUATION ON SHEET 2

PROP. CURVE 21-1
PI STA. = 266+12.78
Δ = 19° 53' 17" (L.T.)
D = 1° 30' 00"
R = 3,819.54'
T = 669.64'
L = 1,325.81'
E = 58.26'
e =
T.R. =
S.E. RUN =
P.C. STA = 259+43.14
P.T. STA = 272+68.95

RECEIVED
OCT 14 2010
PLATS & LEGALS
RUETTIGER, TONELLI & ASSOCIATES, INC.
Land Surveyors/Engineers/Planners/Landscape Architects/G.L.S. Consultants
2174 ONEIDA STREET
OLNEY, ILLINOIS 62450
PH 618/514-6600 FAX 618/514-0101

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP 330 (IL 21)

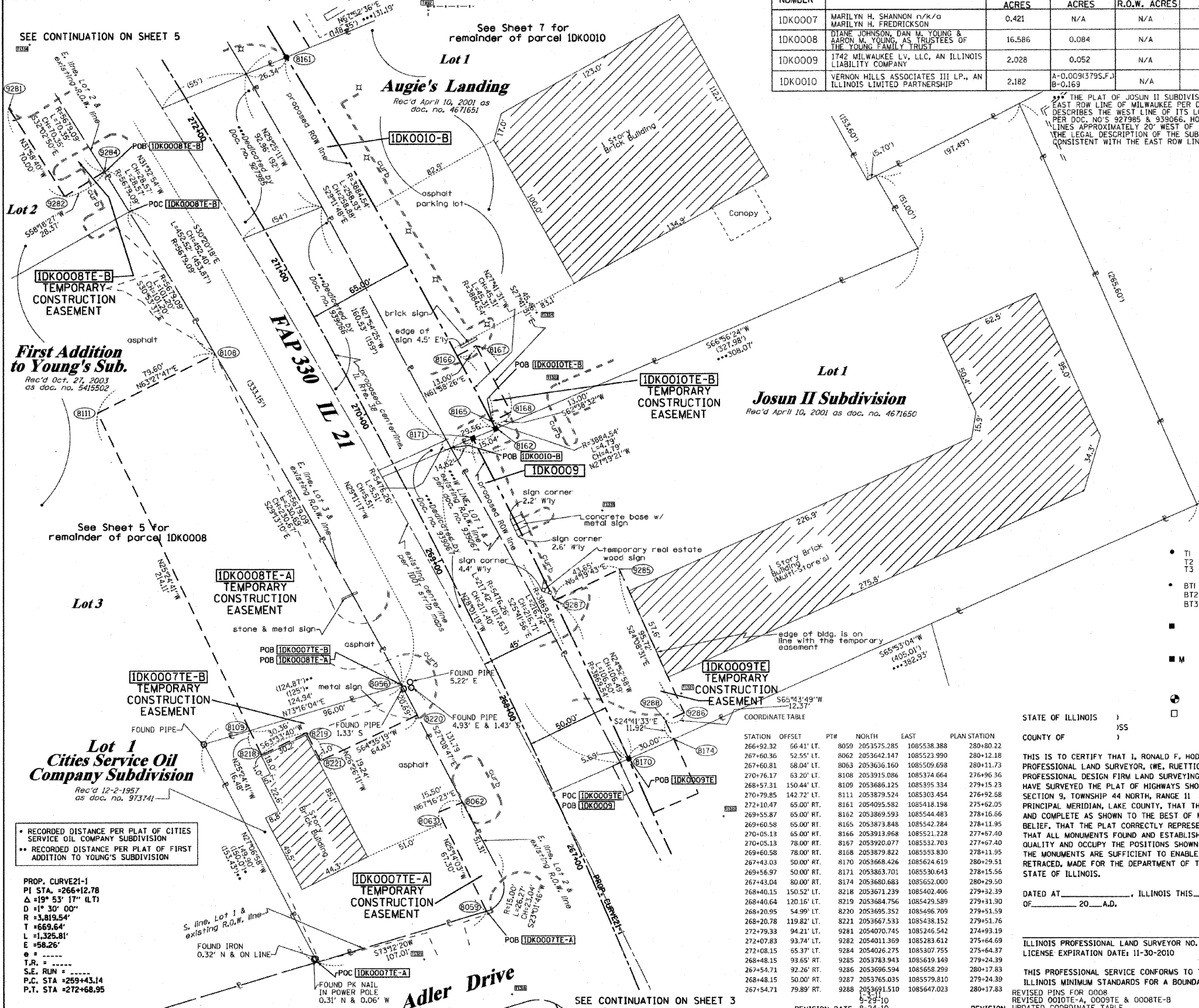
SECTION: 128R-3 COUNTY: LAKE
PROJECT JOB NO.: R-91-027-01
STATION 262+00 TO STATION 267+00
SCALE: 1"=30' SHEET 3 OF

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

TOTAL SHEETS	SHEET NO.
128	39

PART OF THE SW1/4 OF SECTION 9, TWP. 44 N., R. 11 E. OF THE 3RD. P.M., IN LAKE 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 SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
IDK0007	MARILYN H. SHANNON n/k/a MARILYN H. FREDRICKSON	0.421	N/A	N/A	0.421	TE-A-0.024 TE-B-0.048	N/A	CONST.	11-09-302-001	
IDK0008	DIANE JOHNSON, DAN M. YOUNG & AARON W. YOUNG, AS TRUSTEES OF THE YOUNG FAMILY TRUST	16.586	0.084	N/A	16.502	TE-A-0.448 TE-B-0.048	N/A	CONST.	11-09-301-005 thru 11-09-301-007	
IDK0009	1742 MILWAUKEE LV, LLC, AN ILLINOIS LIABILITY COMPANY	2.028	0.052	N/A	1.976	0.102	N/A	CONST.	11-09-309-008	
IDK0010	VERNON HILLS ASSOCIATES III LP., AN ILLINOIS LIMITED PARTNERSHIP	2.182	A-0.00913795.F. B-0.169	N/A	2.004	TE-A-0.121 TE-B-0.014	N/A	CONST.	11-09-309-010	



THE PLAT OF JOSUN II SUBDIVISION DESCRIBES THE WEST LINE OF ITS LOT 1 AS THE EAST ROW LINE OF MILWAUKEE PER DOC. NO. 939067, THE PLAT OF AUGIE'S LANDING DESCRIBES THE WEST LINE OF ITS LOT 1 AS THE WEST ROW LINE OF MILWAUKEE AVENUE PER DOC. NO'S 927985 & 939066, HOWEVER THE PLOTTED DISTANCES PLAT ON EACH LOT 1 LINES APPROXIMATELY 20' WEST OF THE ROW LINE. THIS PLAT OF HIGHWAYS ABIDES BY THE LEGAL DESCRIPTION OF THE SUBDIVISIONS AND HOLDS THE WEST LOT LINES TO BE CONSISTENT WITH THE EAST ROW LINE PER DOC. NO'S 939066 & 939067 & 927985

REFERENCE TABLE	FROM	BEARING	ANGLE	DISTANCE	TO	DESCRIPTION
8161	NE 24 17'22"	158.84	892	CUT CROSS IN SANITARY MANHOLE RIM		
8161	SE 44 11'05"	217.07	1334	CUT CROSS IN TOP OF CURB		
8162	NW 28 19'25"	373.74	892	CORNER OF FENCE		
8162	NE 54 32'50"	47.28	1332	CUT CROSS IN CONC. CURB		
8162	SE 52 17'30"	81.52	1335	CUT CROSS IN CONC. BASE LIGHT POLE		
8171	SW 56 26'15"	319.08	1319	PK NAIL		
8171	NE 27 00'27"	85.55	1334	CUT CROSS IN SANITARY MANHOLE RIM		
8171	SE 00 41'38"	89.63	1335	CUT CROSS IN CONC. BASE LIGHT POLE		

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

Graphic Scale: 1" = 30'

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

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

SEE CONTINUATION ON SHEET 5

See Sheet 7 for remainder of parcel IDK0010

First Addition to Young's Sub.
Rec'd Oct. 27, 2003 as doc. no. 5418502

See Sheet 5 for remainder of parcel IDK0008

Lot 1 Cities Service Oil Company Subdivision
Rec'd 12-2-1957 as doc. no. 913741

* RECORDED DISTANCE PER PLAT OF CITIES SERVICE OIL COMPANY SUBDIVISION
** RECORDED DISTANCE PER PLAT OF FIRST ADDITION TO YOUNG'S SUBDIVISION

PROP. CURVE 21-1
PI STA. = 266+12.78
Δ = 19° 53' 17" (L.T.)
D = 1" 30' 00"
R = 3,819.54'
T = 669.64'
L = 1,325.81'
E = 58.26'
T.R. = -----
S.E. RUN = -----
P.C. STA = 259+43.14
P.T. STA = 272+68.95

STATE OF ILLINOIS)
COUNTY OF)

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

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2010

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

REVISION 0010TE-A, 0008TE & 0008TE-B
UPDATED COORDINATE TABLE

REVISION DATE: 8-24-10

REVISION _____ MADE BY TLW

STATION	OFFSET	PT#	NORTH	EAST	PLAN STATION
266+92.32	66.41' LT.	8059	2053575.285	1085538.388	280+80.22
267+60.36	52.55' LT.	8062	2053642.147	1085523.990	280+12.18
267+60.81	68.04' LT.	8063	2053636.160	1085509.698	280+11.73
270+76.17	53.20' LT.	8108	2053915.086	1085374.664	276+96.36
270+79.85	142.72' LT.	8109	2053686.125	1085395.334	279+15.23
270+79.85	142.72' LT.	8111	2053879.524	1085303.454	276+92.58
272+10.47	65.00' RT.	8161	2054095.582	1085418.198	275+62.05
269+55.87	65.00' RT.	8162	2053869.593	1085544.483	278+16.66
269+60.58	65.00' RT.	8165	2053873.848	1085542.284	278+11.95
270+05.13	65.00' RT.	8166	2053913.958	1085521.228	277+87.40
270+05.13	78.00' RT.	8167	2053920.077	1085532.703	277+67.40
269+60.58	78.00' RT.	8168	2053879.822	1085553.830	278+11.95
267+43.03	50.00' RT.	8170	2053968.426	1085624.619	280+29.51
267+56.97	50.00' RT.	8171	2053863.701	1085530.643	278+15.56
267+43.04	80.00' RT.	8174	2053680.683	1085652.000	280+29.50
268+40.15	150.52' LT.	8218	2053671.239	1085402.406	279+32.39
268+40.64	120.16' LT.	8219	2053664.756	1085429.589	279+31.90
268+20.95	54.99' LT.	8220	2053695.352	1085486.709	279+51.59
268+20.78	119.82' LT.	8221	2053667.533	1085438.152	279+51.76
272+79.33	94.21' LT.	8281	2054070.745	1085246.542	274+93.19
272+07.83	93.74' LT.	8282	2054031.369	1085283.612	275+64.69
272+08.15	65.37' LT.	8284	2054026.275	1085307.755	275+64.37
268+48.15	93.65' RT.	8285	2053783.943	1085619.149	279+24.39
267+54.71	92.26' RT.	8286	2053696.594	1085658.299	280+17.83
268+48.15	50.00' RT.	8287	2053765.035	1085579.810	278+24.39
267+54.71	79.89' RT.	8288	2053691.510	1085647.023	280+17.83

RUETTIGER, TONELLI & ASSOCIATES, INC.
Lead Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
2114 ONIDA STREET
JOLIET, ILLINOIS 60435
PH. (815) 744-6600 FAX (815) 744-0001

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP 330 (IL 21)

SECTION: 128R-3 COUNTY: LAKE
PROJECT JOB NO.: R-91-027-01
STATION 267+00 TO STATION 272+00
SCALE: 1"=30' SHEET 4 OF

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

PART OF THE SW1/4 OF SECTION 9, TWP. 44 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1DK0008	DIANE JOHNSON, DAN M. YOUNG & AARON M. YOUNG, AS TRUSTEES OF THE YOUNG FAMILY TRUST	16.586	0.084	N/A	16.502	TE-A-0.448 TE-B-0.046 TE-C-0.045	N/A	CONST.	11-09-301-005 thru 11-09-301-007

NOTES:
1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MIND BM34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.

*** THE PLAT OF JOSUN II SUBDIVISION DESCRIBES THE WEST LINE OF ITS LOT 1 AS THE EAST ROW LINE OF MILWAUKEE PER DOC. NO. 939067. THE PLAT OF AUGIE'S LANDING DESCRIBES THE WEST LINE OF ITS LOT 1 AS THE WEST ROW LINE OF MILWAUKEE AVENUE PER DOC. NO'S 927985 & 939066. HOWEVER, THE PLOTTED DISTANCES PLAT ON EACH LOT 1 LINES APPROXIMATELY 20' WEST OF THE ROW LINE. THIS PLAT OF HIGHWAYS ABIDES BY THE LEGAL DESCRIPTION OF THE SUBDIVISIONS AND HOLDS THE WEST LOT LINES TO BE CONSISTENT WITH THE EAST ROW LINE PER DOC. NO'S 939067 & 939066 & 927985

LEGEND

SECTION CORNER

QUARTER SECTION CORNER

SECTION LINE

QUARTER SECTION LINE

QUARTER QUARTER SECTION LINE

PLATTED LOT LINES

PROPERTY (DEED) LINE

APPARENT PROPERTY LINE

CENTERLINE

EXISTING RIGHT OF WAY LINE

PROPOSED RIGHT OF WAY LINE

PROPOSED EASEMENT

MEASURED DIMENSION

COMPUTED DIMENSION

RECORDED DIMENSION

EXISTING BUILDING

GRAPHIC SCALE

FEET

0 30,100

20,40

30,60

SCALE: 1" = 30'

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

IRON PIPE OR ROD FOUND "MAG" NAIL SET

CUT CROSS FOUND OR SET 5/8" REBAR SET

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

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

BT2

BT3

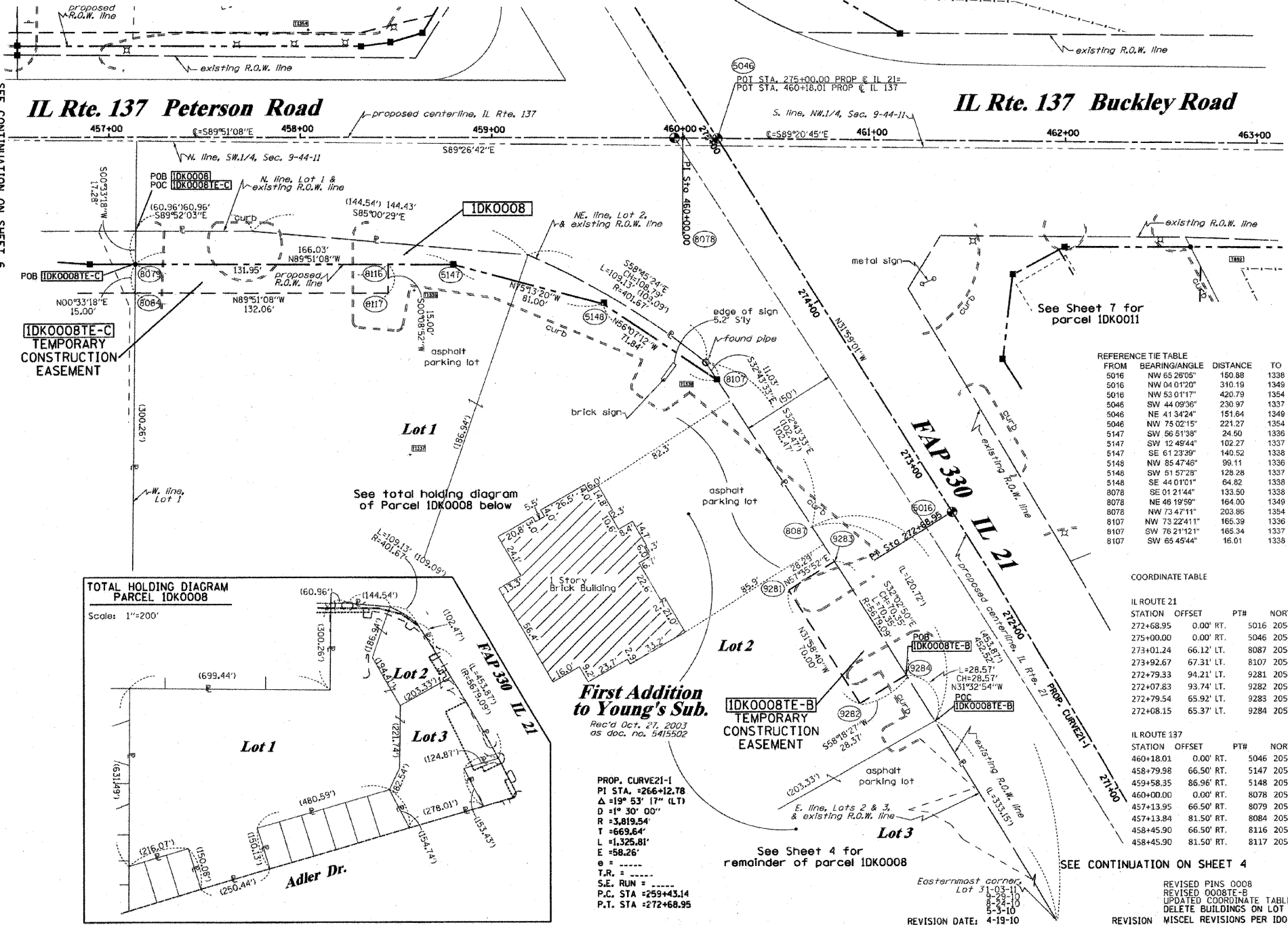
STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

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. STANDARD 2135 (TO BE SET BY OTHERS)

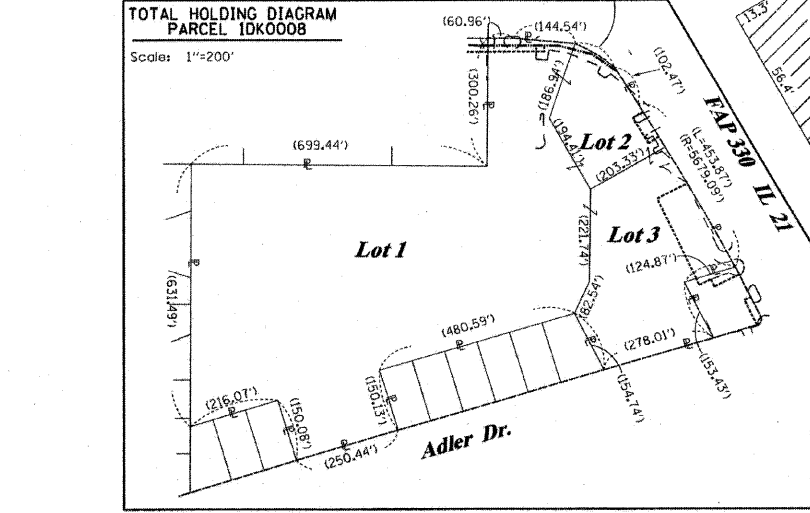
RIGHT OF WAY STAKING PROPOSED TO BE SET

SEE CONTINUATION ON SHEET 8



SEE CONTINUATION ON SHEET 6

SEE CONTINUATION ON SHEET 7



REFERENCE TIE TABLE

FROM	BEARING/ANGLE	DISTANCE	TO	DESCRIPTION
5016	NW 85 29'05"	150.98	1338	CUT CROSS IN TOP OF CURB
5016	NW 04 01'22"	310.19	1349	5/8" REBAR WITH YELLOW CAP
5018	NW 53 01'17"	420.79	1354	CUT CROSS IN INLET RIM
5046	SW 44 09'36"	230.97	1337	CUT CROSS IN INLET RIM
5046	NE 41 34'24"	151.84	1349	5/8" REBAR WITH YELLOW CAP
5046	NW 75 02'15"	221.27	1354	CUT CROSS IN INLET RIM
5147	SW 56 21'38"	24.50	1336	CUT CROSS IN INLET RIM
5147	SW 42 49'44"	102.27	1337	CUT CROSS IN INLET RIM
5147	SE 61 23'39"	140.52	1338	CUT CROSS IN TOP OF CURB
5148	NW 85 47'46"	99.11	1336	CUT CROSS IN INLET RIM
5148	SW 51 57'25"	128.28	1337	CUT CROSS IN INLET RIM
5148	SE 44 01'01"	64.82	1338	CUT CROSS IN TOP OF CURB
8078	SE 01 21'44"	133.50	1338	CUT CROSS IN TOP OF CURB
8078	NE 46 19'59"	164.00	1349	5/8" REBAR WITH YELLOW CAP
8078	NW 73 47'11"	203.96	1354	CUT CROSS IN INLET RIM
8107	NW 73 22'41"	165.39	1336	CUT CROSS IN INLET RIM
8107	SW 76 21'12"	165.34	1337	CUT CROSS IN INLET RIM
8107	SW 65 45'44"	16.01	1338	CUT CROSS IN TOP OF CURB

COORDINATE TABLE

IL ROUTE 21			NORTH		EAST		PLAN STATION
STATION	OFFSET	PTH	NORTH	EAST			ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
272+68.95	0.00' RT.	5016	2054111.838	1085331.951			275+03.57
275+00.00	0.00' RT.	5046	2054307.819	1085209.567			272+72.51
273+01.24	66.12' LT.	8087	2054104.206	1085258.761			274+71.27
273+92.67	67.31' LT.	8107	2054181.132	1085209.327			273+79.84
272+79.33	94.21' LT.	9281	2054070.745	1085246.542			274+93.19
272+07.83	93.74' LT.	9282	2054011.369	1085283.612			275+64.69
272+79.54	65.92' LT.	9283	2054085.903	1085270.427			274+92.98
272+08.15	65.37' LT.	9284	2054026.275	1085307.755			275+64.37

IL ROUTE 137			NORTH		EAST		PLAN STATION
STATION	OFFSET	PTH	NORTH	EAST			ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
460+18.01	0.00' RT.	5046	2054307.819	1085209.567			460+18.04
458+79.98	66.50' RT.	5147	2054241.838	1085071.367			458+80.00
459+58.35	85.96' RT.	5148	2054221.177	1085149.689			459+58.37
460+00.00	0.00' RT.	8078	2054308.025	1085191.558			460+00.03
457+13.95	66.50' RT.	8079	2054242.266	1084905.339			457+13.96
457+13.84	81.50' RT.	8084	2054227.267	1084905.193			457+13.85
458+45.90	66.50' RT.	8116	2054241.926	1085037.288			458+45.92
458+45.90	81.50' RT.	8117	2054226.926	1085037.250			458+45.92

STATE OF ILLINOIS)
 COUNTY OF)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREIN IN SECTION 9, TOWNSHIP 44 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE 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 _____, ILLINOIS THIS _____ DAY OF _____, 20____ A.D.

RUETTIGER, TONELLI & ASSOCIATES, INC.
 Lead Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
 214 ONIDA STREET
 COLETT, ILLINOIS 60435
 PH. (815) 744-8600 FAX (815) 744-0001

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 FAP 330 (IL 21)

SECTION: 128R-3 COUNTY: LAKE
 PROJECT JOB NO.: R-91-027-01
 STATION TO STATION
 SCALE: 1"=30' SHEET 5 OF

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

PART OF THE SW1/4 OF SECTION 9, TWP. 44 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

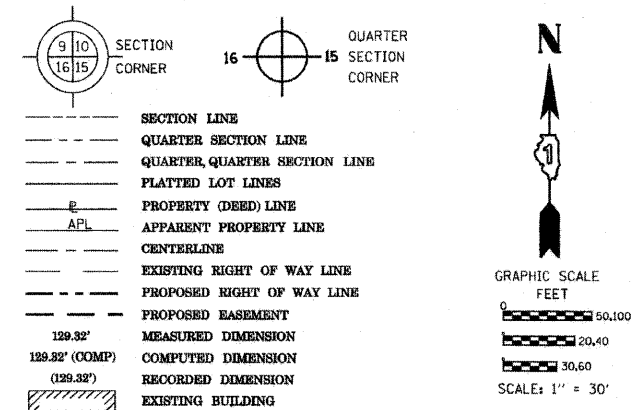
PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
IDK0014	RICHARD E. LASKOWSKI, AS TRUSTEE TRUST NO. 100	3.972	0.086	N/A	3.886	TE-A 0.019 TE-B 0.027	N/A	CONST.	11-09-300-122	

NOTES:
1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MUND BM34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.

FROM	BEARING/ANGLE	DISTANCE	TO	DESCRIPTION
5138	SW 75 14'05"	221.97	1339	PK NAIL
5138	SE 25 56'18"	38.17	1340	CUT CROSS IN SANITARY MANHOLE RIM
5138	SE 74 51'56"	125.28	1341	CUT CROSS IN INLET RIM
5139	SE 85 41'16"	350.42	1336	CUT CROSS IN INLET RIM
5139	SW 89 57'28"	99.32	1340	CUT CROSS IN SANITARY MANHOLE RIM
5139	SE 18 38'36"	34.22	1341	CUT CROSS IN INLET RIM
5142	SE 85 18'57"	170.04	1336	CUT CROSS IN INLET RIM
5142	SW 85 29'09"	274.11	1340	CUT CROSS IN SANITARY MANHOLE RIM
5142	SW 63 15'53"	170.20	1341	CUT CROSS IN INLET RIM
8074	SE 38 22'10"	78.06	1339	PK NAIL
8074	SE 81 40'46"	280.57	1340	CUT CROSS IN SANITARY MANHOLE RIM
8074	SE 84 10'12"	383.85	1341	CUT CROSS IN INLET RIM

STATION	OFFSET	PT#	NORTH	EAST	PLAN STATION
450+14.42	2.95' LT.	1	2054313.515	1084205.996	450+14.40
448+00.00	0.00' RT.	5044	2054311.120	1083991.565	447+99.97
454+00.00	54.50' RT.	5138	2054255.075	1084591.422	454+00.00
455+09.99	54.50' RT.	5139	2054254.792	1084701.417	455+09.99
456+89.99	66.50' RT.	5142	2054242.328	1084881.377	456+90.00
451+39.06	48.89' RT.	8074	2054261.357	1084330.497	451+39.05
457+13.95	66.50' RT.	8079	2054242.266	1084905.339	457+13.96
454+30.00	54.50' RT.	8080	2054254.998	1084621.422	454+30.00
454+30.00	69.50' RT.	8081	2054239.998	1084621.383	454+30.00
453+75.00	69.50' RT.	8082	2054240.140	1084566.383	453+75.00
453+75.00	53.96' RT.	8083	2054255.677	1084566.424	453+75.00
457+13.84	81.50' RT.	8084	2054227.267	1084905.193	457+13.85
456+41.90	81.50' RT.	8085	2054227.452	1084833.254	456+41.91
456+41.90	63.29' RT.	8086	2054245.658	1084833.301	456+41.91

LEGEND



Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

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

- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- BT1 THESE STAKES IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- 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. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
COUNTY OF)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 9, TOWNSHIP 44 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE 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 _____, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2010

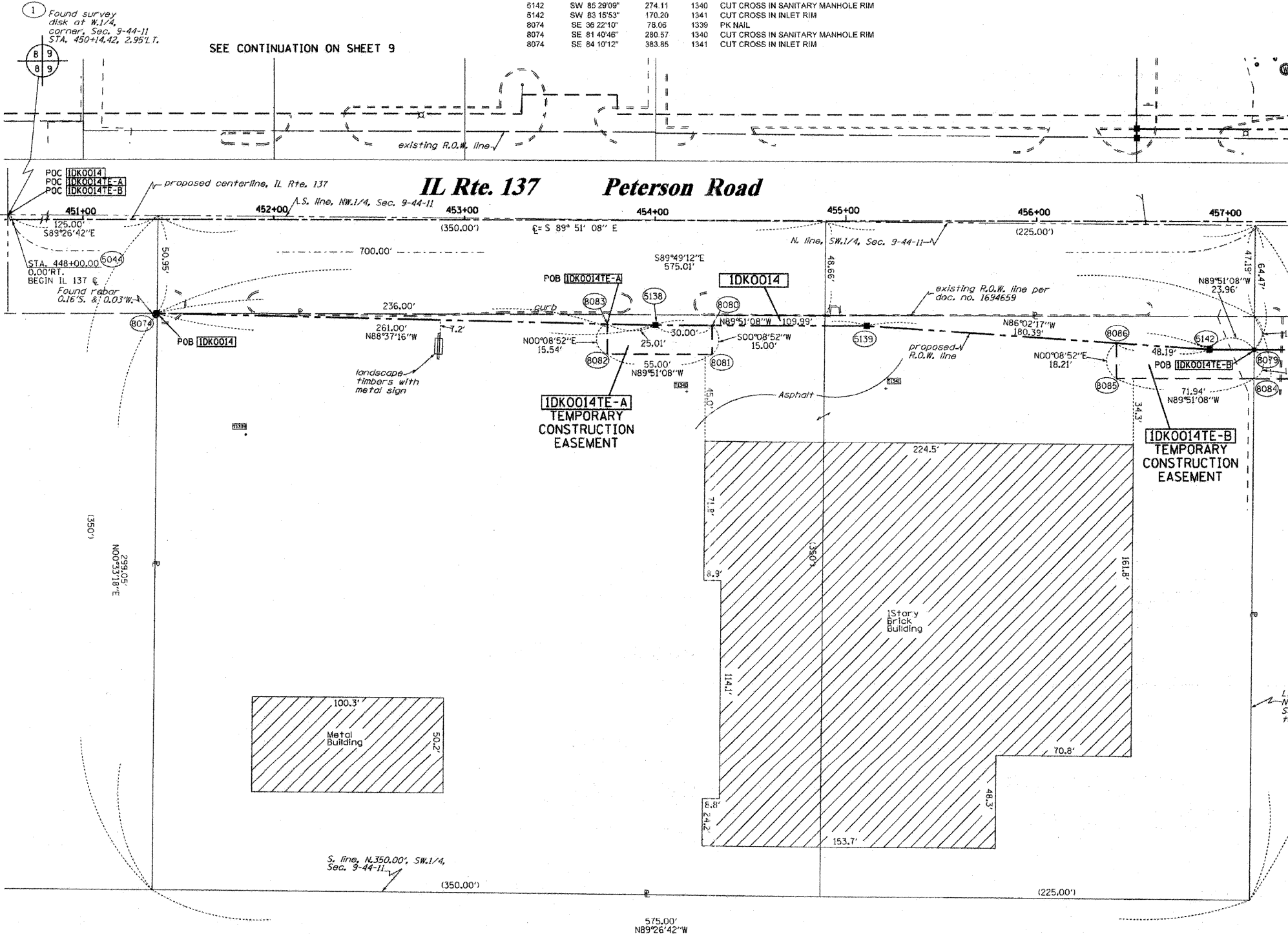
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

RUETTIGER, TONELLI & ASSOCIATES, INC.
Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
2174 ONEIDA STREET
SCHAUMBURG, ILLINOIS 60195
PH. (815) 744-6600 FAX (815) 744-0101

RECEIVED
OCT 14 2010
PLATS & LEGALS

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP 330 (IL 21)
SECTION: 128R-3 COUNTY: LAKE
PROJECT JOB NO.: R-91-027-01
STATION 451+00 TO STATION 457+00
SCALE: 1"=30' SHEET 6 OF

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



PART OF THE SW1/4 OF SECTION 9, TWP. 44 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
						ACRES	SQUARE FEET			
IDK0010	VERNON HILLS ASSOCIATES III LP, AN ILLINOIS LIMITED PARTNERSHIP	2.182	A-0.00913795,F, B-0.169	N/A	2.004	TE-A-0.121	N/A	CONST.	11-09-309-010	
IDK0011	MOBIL OIL CORPORATION	0.507	0.147	N/A	0.360	TE-A-0.015	N/A	CONST.	11-09-300-004	
IDK0012	GENDRELL PARTNERS LIBERTYVILLE, LLC, AN ILLINOIS LIMITED LIABILITY CO.	0.954	N/A	N/A	0.954	TE-B-0.061	N/A	CONST.	11-09-309-011	

NOTES:
1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MUND BM34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.

* DENOTES DISTANCE DESCRIBED IN DEDICATION DOCUMENT NO. 939064 AS BEING MEASURED ON OR TO THE NORTH LINE, SW 1/4. IDOT STRIP MAPS SHOW THESE DISTANCES AS BEING MEASURED ON OR TO THE CENTERLINE OF IL 137. THE EXISTING CENTERLINE IS NOT CONSISTENT WITH THE SE 1/4 SECTION LINE. THE SURVEYOR HAS ESTABLISHED THE EXISTING ROW IN ACCORDANCE WITH THE STRIP MAPS WHICH REPRESENTS THE INTENT OF THE DEDICATION.

*** THE PLAT OF JOSUN II SUBDIVISION DESCRIBES THE WEST LINE OF ITS LOT 1 AS THE EAST ROW LINE OF MILWAUKEE PER DOC. NO. 939067. THE PLAT OF AUGIE'S LANDING DESCRIBES THE WEST LINE OF ITS LOT 1 AS THE WEST ROW LINE OF MILWAUKEE AVENUE PER DOC. NO'S 927985 & 939066. HOWEVER THE PLOTTED DISTANCES PLAT ON EACH LOT 1 LINES APPROXIMATELY 20' WEST OF THE ROW LINE. THIS PLAT OF HIGHWAYS ABIDES BY THE LEGAL DESCRIPTION OF THE SUBDIVISIONS AND HOLDS THE WEST LOT LINES TO BE CONSISTENT WITH THE EAST ROW LINE PER DOC. NO'S 939067 & 939066 & 927985

FROM	BEARING/ANGLE	DISTANCE	TO	DESCRIPTION
5016	SE 54°06'19"	293.23	1334	CUT CROSS IN SANITARY MANHOLE RIM
5016	NW 65°26'05"	150.88	1338	CUT CROSS IN TOP OF CURB
5016	NE 03°22'59"	299.96	1350	58" REBAR WITH YELLOW CAP
5120	NE 08°42'20"	133.99	892	CORNER OF FENCE
5120	SE 39°56'09"	328.36	1334	CUT CROSS IN SANITARY MANHOLE RIM
5120	SW 84°02'08"	164.87	1338	CUT CROSS IN TOP OF CURB
5121	SE 41°28'37"	275.41	1334	CUT CROSS IN SANITARY MANHOLE RIM
5121	NW 81°37'53"	194.42	1338	CUT CROSS IN TOP OF CURB
5121	NW 08°02'21"	267.64	1350	58" REBAR WITH YELLOW CAP
5150	NE 07°56'47"	116.92	892	CORNER OF FENCE
5150	SW 70°00'09"	179.83	1338	CUT CROSS IN TOP OF CURB
5150	NW 04°35'19"	175.78	1350	58" REBAR WITH YELLOW CAP
5151	SE 83°36'06"	93.26	892	CORNER OF FENCE
5151	SW 68°46'24"	210.43	1338	CUT CROSS IN TOP OF CURB
5151	NW 14°24'18"	165.74	1350	58" REBAR WITH YELLOW CAP
8156	SW 85°40'59"	122.57	892	CORNER OF FENCE
8156	SW 79°39'25"	417.84	1338	CUT CROSS IN TOP OF CURB
8156	NW 57°44'10"	302.90	1350	58" REBAR WITH YELLOW CAP
8156	SE 09°36'31"	28.81	892	CORNER OF FENCE
8156	SW 73°52'18"	272.74	1338	CUT CROSS IN TOP OF CURB
8156	NW 33°38'16"	193.32	1350	58" REBAR WITH YELLOW CAP

IL ROUTE 21	STATION	OFFSET	PT#	NORTH	EAST	PLAN STATION	
	272+68.95	0.00'	RT.	5016	2054111.838	1085331.951	275+03.57
	273+22.51	65.00'	RT.	5120	2054191.694	1085358.713	274+50.00
	273+57.49	92.74'	RT.	5150	2054236.058	1085363.715	274+15.02
	272+10.47	65.00'	RT.	8161	2054095.582	1085418.198	275+62.05
	272+52.51	65.00'	RT.	8744	2054132.064	1085395.907	275+20.01
	272+08.15	80.00'	RT.	8745	2054101.301	1085432.266	275+64.37
	272+52.51	80.00'	RT.	8746	2054139.956	1085408.667	275+20.01

IL ROUTE 137	STATION	PT#	NORTH	EAST	PLAN STATION		
	471+99.89	0.00'	RT.	5047	2054294.325	1086391.373	471+99.97
	461+72.96	70.00'	RT.	5150	2054236.058	1085363.715	461+73.00
	461+99.96	55.00'	RT.	5151	2054250.748	1085390.883	462+00.00
	465+02.50	56.08'	RT.	8124	2054246.207	1085693.389	465+02.55
	464+14.86	53.71'	RT.	8155	2054249.581	1085605.781	464+14.91
	462+65.82	54.67'	RT.	8156	2054250.325	1085456.738	462+65.86
	465+19.63	56.55'	RT.	8180	2054245.547	1085710.516	465+19.68
	466+54.52	60.20'	RT.	8181	2054240.353	1085845.346	466+54.58
	466+00.00	70.00'	RT.	8183	2054231.179	1085790.723	466+00.06
	462+71.22	65.00'	RT.	8749	2054239.927	1085462.024	462+71.26
	461+97.08	56.60'	RT.	9289	2054249.179	1085387.982	461+97.12
	462+23.21	101.30'	RT.	9290	2054204.183	1085413.600	462+23.25
	462+70.78	95.05'	RT.	9291	2054209.889	1085461.238	462+70.82
	464+18.62	128.07'	RT.	9293	2054175.184	1085608.692	464+18.67
	464+91.71	126.24'	RT.	9294	2054176.179	1085681.798	464+91.76
	464+91.71	55.79'	RT.	9295	2054246.622	1085682.602	464+91.76
	464+18.62	53.81'	RT.	9296	2054249.437	1085609.540	464+18.67

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APL
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

GRAPHIC SCALE
FEET
0 50,100
20,40
30,60
SCALE: 1" = 30'

IRON PIPE OR ROD FOUND
CUT CROSS FOUND OR SET
THESE STAKES REFERENCE POINT 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.
THESE STAKES, IN CULTIVATED AREAS, REFERENCE POINT OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
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. STANDARD 2135 (TO BE SET BY OTHERS)
RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
COUNTY OF)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 9, TOWNSHIP 44 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE 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 _____, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2010

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

RUETTIGER, TONELLI & ASSOCIATES, INC.
Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
2174 ONEIDA STREET
JOLIET, ILLINOIS 60435
PH 815/744-6600 FAX 815/744-0101

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP 330 (IL 21)
SECTION: 128R-3 COUNTY: LAKE
PROJECT JOB NO.: R-91-027-01
STATION 270+00, IL 21 TO STATION 275+00, IL 21
461+00, IL 137 467+00, IL 137
SCALE: 1"=30' SHEET 7 OF

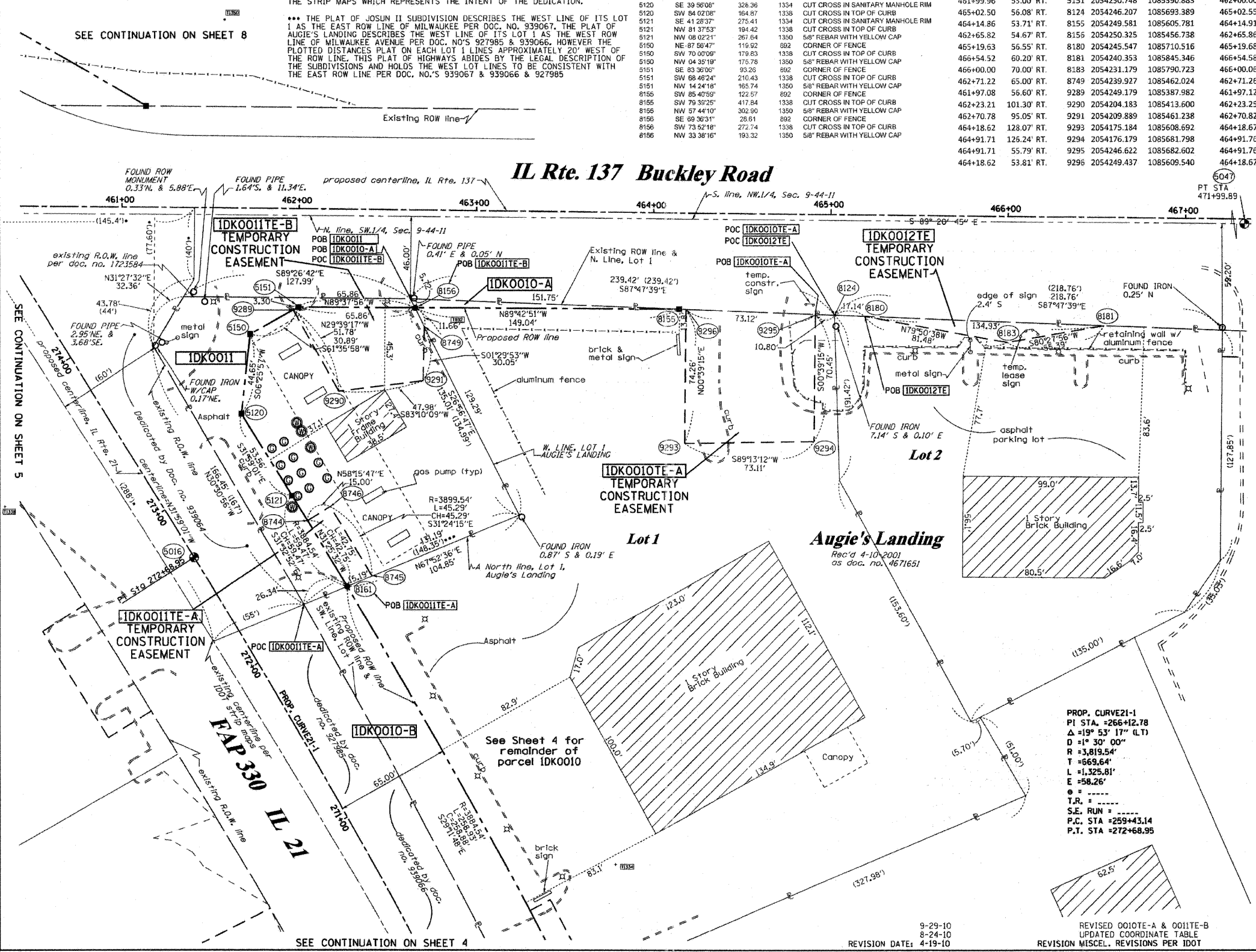
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

RECEIVED:
OCT 14 2010
PLATS & LEGALS

REVISION DATE: 9-29-10
8-24-10
4-19-10

REVISION MISCEL. REVISIONS PER IDOT

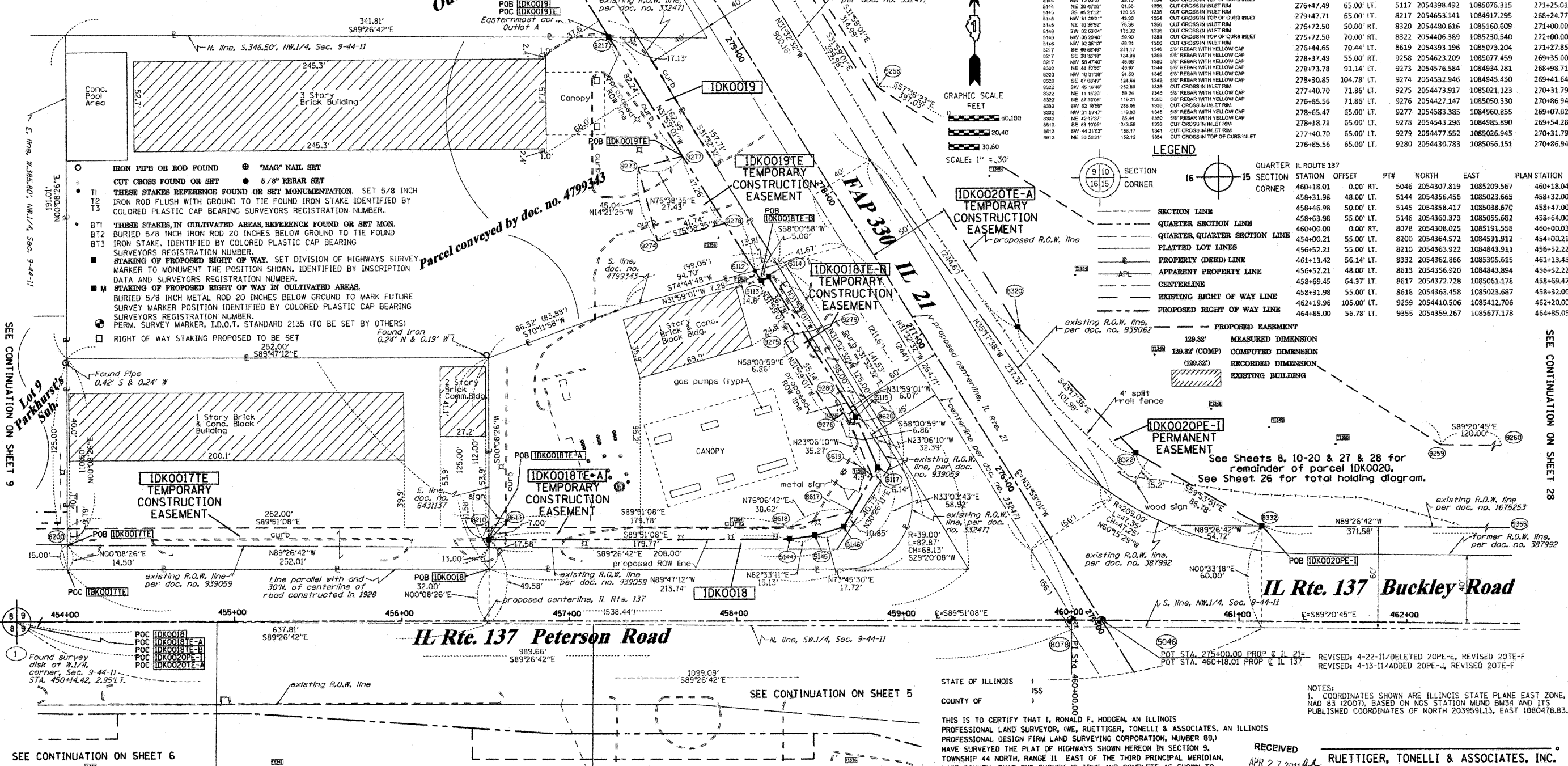
MADE BY TLW



PART OF THE NW1/4 OF SECTION 9, TWP. 44 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

The Courts of Liberty Grove

Rec'd Sept. 18, 2003 as doc. no. 5370874



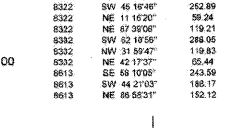
SEE CONTINUATION ON SHEET 6

SEE CONTINUATION ON SHEET 5

COORDINATE TABLE

IL ROUTE 21	STATION	OFFSET	PTH	NORTH	EAST	PLAN STATION
	275+00.00	0.00'	RT.	5046	2054307.819	1085209.567
	277+84.77	65.00'	LT.	5112	2054514.929	1085003.604
	277+77.48	65.00'	LT.	5113	2054508.753	1085007.461
	277+77.48	60.00'	LT.	5114	2054511.401	1085011.702
	276+79.49	60.00'	LT.	5115	2054428.281	1085063.607
	276+47.49	65.00'	LT.	5117	2054398.492	1085076.315
	279+47.71	65.00'	LT.	8217	2054653.141	1084917.295
	276+72.50	50.00'	RT.	8320	2054480.616	1085160.609
	275+72.50	70.00'	RT.	8322	2054406.389	1085230.540
	276+44.65	70.44'	LT.	8619	2054393.196	1085073.204
	278+37.49	55.00'	RT.	9258	2054623.209	1085077.459
	278+73.78	91.14'	LT.	9273	2054576.584	1084934.281
	278+30.85	104.78'	LT.	9274	2054532.946	1084945.450
	277+40.70	71.85'	LT.	9275	2054473.917	1085021.123
	276+85.56	71.85'	LT.	9276	2054427.147	1085050.330
	278+65.47	65.00'	LT.	9277	2054583.385	1084960.855
	278+18.21	65.00'	LT.	9278	2054543.296	1084985.890
	277+40.70	65.00'	LT.	9279	2054477.552	1085026.945
	276+85.56	65.00'	LT.	9280	2054430.783	1085056.151

- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 THESE STAKES IN CULTIVATED AREAS, REFERENCE FOUND OR SET MON. 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 IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT3 THESE STAKES IN CULTIVATED AREAS, REFERENCE FOUND OR SET MON. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. 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.
- PERM. SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET



QUARTER CORNER

IL ROUTE 137	STATION	OFFSET	PTH	NORTH	EAST	PLAN STATION
	460+18.01	0.00'	RT.	5046	2054307.819	1085209.567
	458+31.98	48.00'	LT.	5144	2054356.456	1085023.665
	458+46.98	50.00'	LT.	5145	2054358.417	1085038.670
	458+63.98	55.00'	LT.	5146	2054363.373	1085055.682
	460+00.00	0.00'	RT.	8078	2054308.025	1085191.558
	454+00.21	55.00'	LT.	8200	2054364.572	1084591.912
	456+52.21	55.00'	LT.	8210	2054363.922	1084843.911
	461+13.42	56.14'	LT.	8332	2054362.866	1085305.615
	456+52.21	48.00'	LT.	8613	2054356.920	1084843.894
	458+69.45	64.37'	LT.	8617	2054372.728	1085061.178
	458+31.98	55.00'	LT.	8618	2054363.458	1085023.687
	462+19.96	105.00'	LT.	9259	2054410.506	1085412.706
	464+85.00	56.78'	LT.	9355	2054359.267	1085677.178

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1DK0017	STEVE MIJATOVIC, TRUSTEE OF THE STEVE MIJATOVIC DECLARATION OF TRUST DATED 11/14/06, AS TO AN UNDIVIDED 50% INTEREST & DRAGINJA MIJATOVIC, TRUSTEE OF THE DRAGINJA M. MIJATOVIC DECLARATION OF TRUST DATED 11/14/06, AS TO AN UNDIVIDED 50% INTEREST	0.723	N/A	N/A	0.723	0.062	N/A	CONST.	11-09-100-014
1DK0018	CHICAGO TRUST COMPANY, TRUST NO. 1100121	0.815	0.155	0.110	0.660	TE-A-0.035 TE-B-0.024	N/A	CONST.	11-09-100-015
1DK0019	NAVBARHAT MOTEL, INC.	1.606	0.051	N/A	1.555	0.036	N/A	CONST.	11-09-100-012
1DK0020	LAKE COUNTY FOREST PRESERVE DISTRICT	• 802.4±	0.000	N/A	• 802.4+/-	**	**	PROP. ROW CONST.	11-09-100-001 thru 11-09-100-004, 11-04-300-003, 11-04-300-010, 11-04-300-013 11-04-100-005

- PE-A-0.009
- PE-B-0.028
- PE-C-0.035
- PE-D-0.016
- PE-F-0.075
- PE-G-0.024
- PE-H-0.597
- PE-I-0.414
- PE-J-0.058
- TE-A-3.539
- TE-B-0.040
- TE-C-0.213
- TE-D-0.085
- TE-E-0.178
- TE-F-1.975
- TE-G-0.038
- TE-H-0.050

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 9, TOWNSHIP 44 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE 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 _____, ILLINOIS THIS _____ DAY OF _____, 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2012
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

REVISION DATE: 8-24-10

NOTES:
1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MUND BM34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.

RECEIVED APR 27 2011

RUETTIGER, TONELLI & ASSOCIATES, INC.
Lead Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
2124 ONEIDA STREET
JOLIET, ILLINOIS 62435
PH: (815) 744-6600 FAX: (815) 744-0001

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP 330 (IL 21)

SECTION: 128R-3 COUNTY: LAKE
PROJECT JOB NO.: R-91-027-01
STATION 454+00 TO STATION 462+00
275+00 279+00
SCALE: 1"=30' SHEET 8 OF

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

PART OF THE NW14 OF SECTION 9, TWP. 44 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

COORDINATE TABLE

STATION	OFFSET	PT#	NORTH	EAST	PLAN STATION
450+14.42	2.95' LT.	1	2054313.515	1084205.996	450+14.40
448+00.00	0.00' RT.	5044	2054311.120	1083991.565	447+99.97
450+35.74	51.12' LT.	8192	2054361.635	1084227.434	450+35.72
451+00.21	51.05' LT.	8193	2054361.395	1084291.904	451+00.19
450+35.74	55.00' LT.	8195	2054365.512	1084227.444	450+35.72
451+00.21	55.00' LT.	8196	2054365.346	1084291.914	451+00.19
451+00.21	46.05' LT.	8199	2054356.395	1084291.892	451+00.19
454+00.21	55.00' LT.	8200	2054364.572	1084591.912	454+00.21
453+30.00	55.00' LT.	8201	2054364.753	1084521.705	453+29.99
453+30.00	65.00' LT.	8202	2054374.753	1084521.731	453+29.99
453+80.00	65.00' LT.	8203	2054374.624	1084571.731	453+80.00
453+80.00	55.00' LT.	8204	2054364.624	1084571.705	453+80.00

LEGEND

SECTION LINE
 QUARTER SECTION LINE
 QUARTER, QUARTER SECTION LINE
 PLATTED LOT LINES
 PROPERTY (DEED) LINE
 APPARENT PROPERTY LINE
 CENTERLINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 PROPOSED EASEMENT
 MEASURED DIMENSION
 128.32'
 128.32' (COMP)
 128.32'
 COMPUTED DIMENSION
 RECORDED DIMENSION
 EXISTING BUILDING

GRAPHIC SCALE
 FEET
 0 50,100
 20,40
 30,60
 SCALE: 1" = 30'

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

○ 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

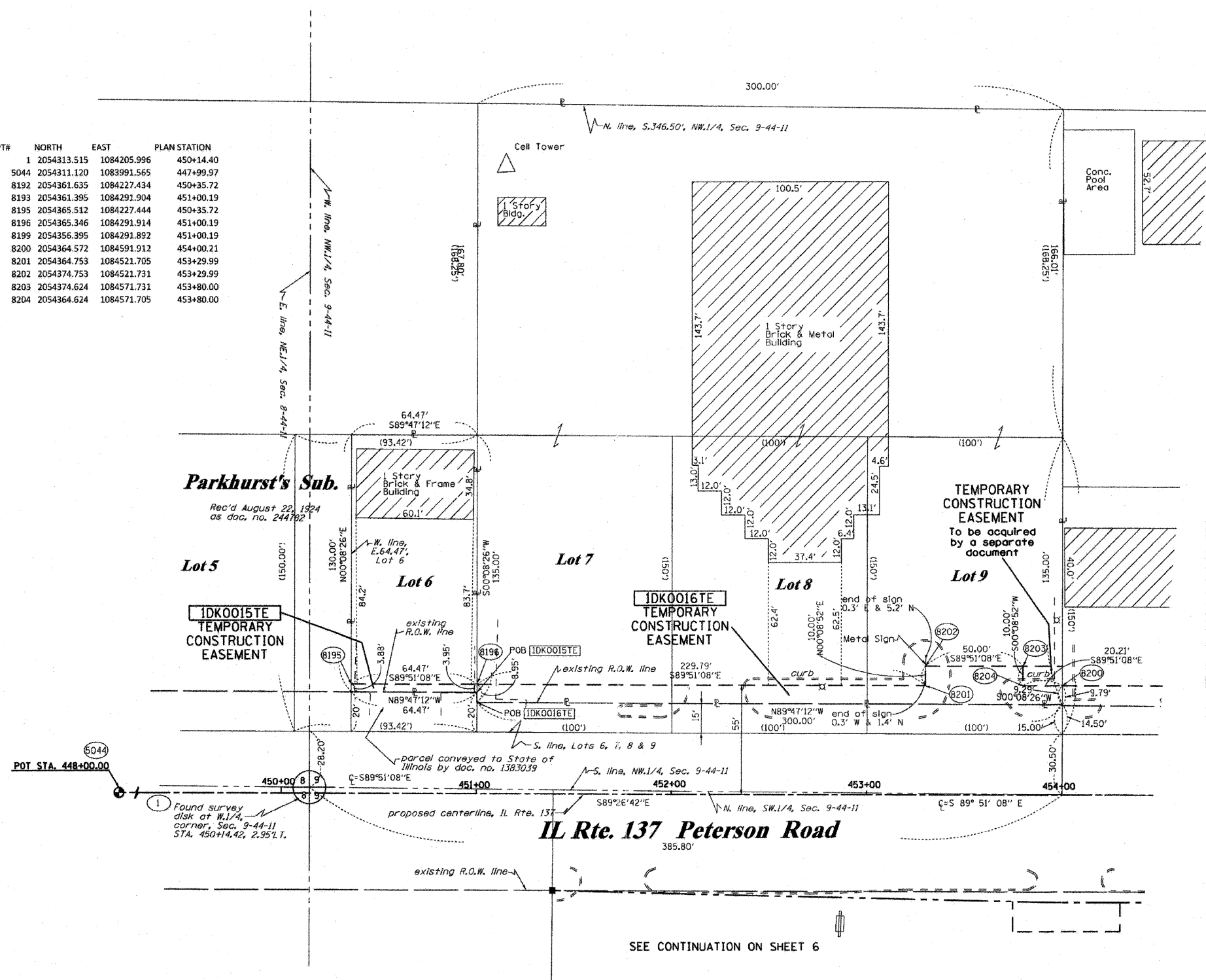
• BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 BT2
 BT3

■ 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. STANDARD 2135 (TO BE SET BY OTHERS)

□ RIGHT OF WAY STAKING PROPOSED TO BE SET



SEE CONTINUATION ON SHEET 8

STATE OF ILLINOIS)
 COUNTY OF)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 9, TOWNSHIP 44 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE 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 _____, ILLINOIS THIS _____ DAY OF _____, 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
 LICENSE EXPIRATION DATE: 11-30-2010

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

RUETTIGER, TONELLI & ASSOCIATES, INC.
 Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
 2174 ONEIDA STREET
 JOLIET, ILLINOIS 60438
 PH. (815) 744-6600 FAX (815) 744-0101

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 FAP 330 (IL 21)

SECTION: 128R-3 COUNTY: LAKE
 PROJECT JOB NO.: R-91-027-01
 STATION 450+00 TO STATION 454+00
 SCALE: 1"=30' SHEET 9 OF

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
						ACRES	SQUARE FEET			
IDK0015	DARREN M. BEAKE & JENNIFER M. BEAKE	0.192	N/A	N/A	0.192	0.006	252	CONST.	11-09-101-001	
IDK0016	CENTURY ELECTRIC SUPPLY COMPANY	2.079	N/A	N/A	2.079	0.074	N/A	CONST.	11-09-101-002 11-09-101-003	

NOTES:
 1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MUND BM34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.

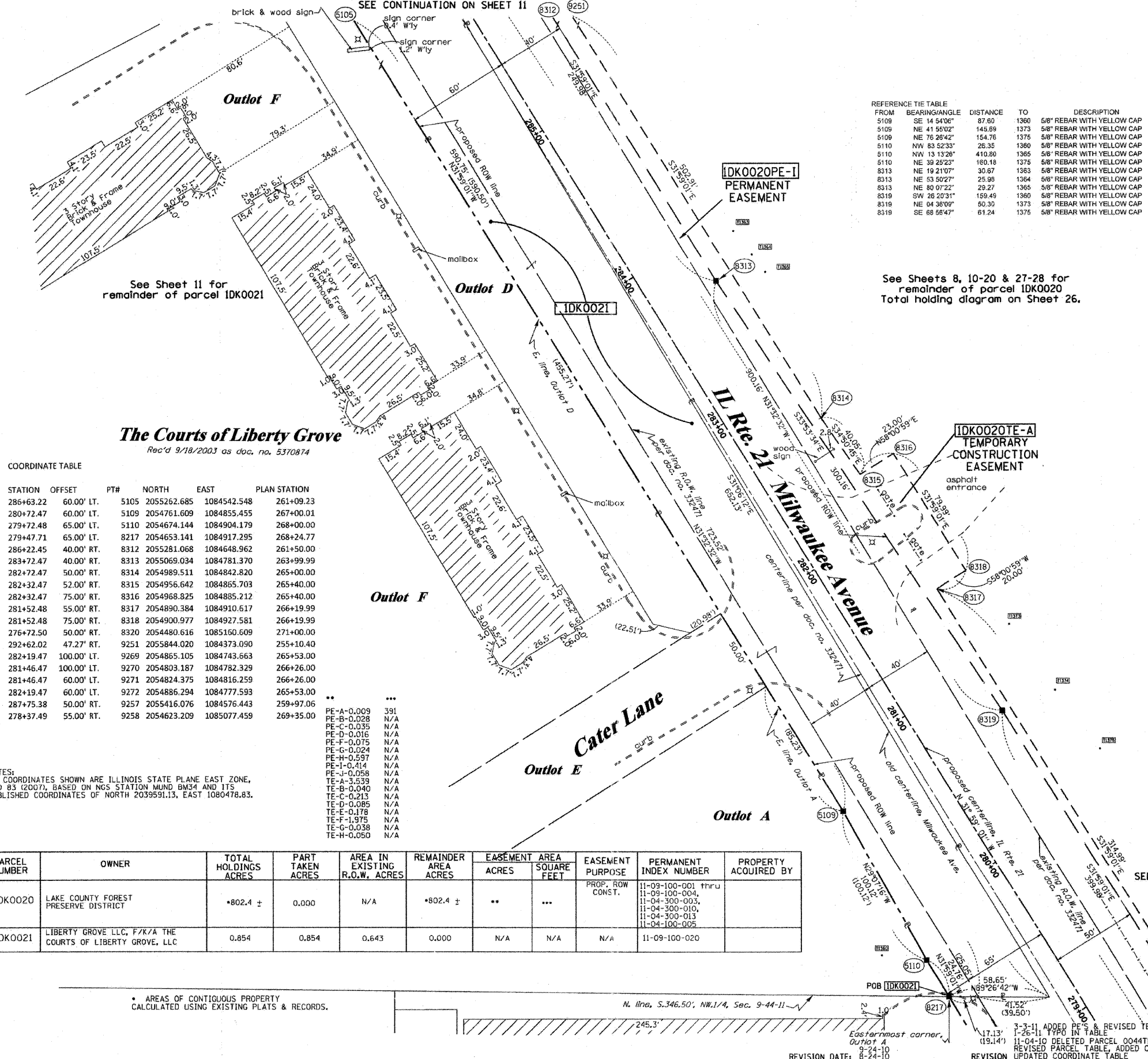
3-11-11
 8-24-10
 REVISION DATE: 4-19-10

ADDED TO BE ACQUIRED SEPARATELY PER IDOT
 UPDATED COORDINATE TABLE
 REVISION MISCEL REVISIONS PER IDOT REVIEW

TLW
 TLW
 MADE BY TLW

PART OF THE NW1/4 OF SECTION 9, TWP. 44 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

SEE CONTINUATION ON SHEET 11



REFERENCE TIE TABLE

FROM	BEARING/ANGLE	DISTANCE	TO	DESCRIPTION
5109	SE 14 54'06"	87.60	1360	5/8" REBAR WITH YELLOW CAP
5109	NE 41 55'02"	145.89	1373	5/8" REBAR WITH YELLOW CAP
5109	NE 75 28'42"	154.76	1375	5/8" REBAR WITH YELLOW CAP
5110	NW 83 52'33"	26.35	1360	5/8" REBAR WITH YELLOW CAP
5110	NW 13 13'26"	410.80	1365	5/8" REBAR WITH YELLOW CAP
5110	NE 39 25'23"	160.18	1375	5/8" REBAR WITH YELLOW CAP
8313	NE 19 21'07"	30.67	1363	5/8" REBAR WITH YELLOW CAP
8313	NE 53 50'27"	25.98	1364	5/8" REBAR WITH YELLOW CAP
8313	NE 80 07'22"	29.27	1366	5/8" REBAR WITH YELLOW CAP
8319	SW 26 20'31"	159.49	1360	5/8" REBAR WITH YELLOW CAP
8319	NE 04 38'00"	50.30	1373	5/8" REBAR WITH YELLOW CAP
8319	SE 68 58'47"	61.24	1375	5/8" REBAR WITH YELLOW CAP

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APL
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE
0 50,100
20,40
30,60
SCALE: 1" = 30'

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- IRON PIPE OR ROD FOUND
- "MAG" NAIL SET
- + OUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

See Sheet 11 for remainder of parcel 1DK0021

See Sheets 8, 10-20 & 27-28 for remainder of parcel 1DK0020
Total holding diagram on Sheet 26.

The Courts of Liberty Grove
Rec'd 9/18/2003 as doc. no. 5370874

COORDINATE TABLE

STATION	OFFSET	PT#	NORTH	EAST	PLAN STATION
286+63.22	60.00' LT.	5105	2055262.685	1084542.548	261+09.23
280+72.47	60.00' LT.	5109	2054761.609	1084855.455	267+00.01
279+72.48	65.00' LT.	5110	2054674.144	1084904.179	268+00.00
279+47.71	65.00' LT.	8217	2054653.141	1084917.295	268+24.77
286+22.45	40.00' RT.	8312	2055281.068	1084648.962	261+50.00
283+72.47	40.00' RT.	8313	2055069.034	1084781.370	263+99.99
282+72.47	50.00' RT.	8314	2054989.511	1084842.820	265+00.00
282+32.47	52.00' RT.	8315	2054956.642	1084865.703	265+40.00
282+32.47	75.00' RT.	8316	2054968.825	1084885.212	265+40.00
281+52.48	55.00' RT.	8317	2054890.384	1084910.617	266+19.99
281+52.48	75.00' RT.	8318	2054900.977	1084927.581	266+19.99
276+72.50	50.00' RT.	8320	2054480.616	1085150.609	271+00.00
292+62.02	47.27' RT.	9251	2055844.020	1084373.090	255+10.40
282+19.47	100.00' LT.	9269	2054865.105	1084743.663	265+53.00
281+46.47	100.00' LT.	9270	2054803.187	1084782.329	266+26.00
281+46.47	60.00' LT.	9271	2054824.375	1084816.259	266+26.00
282+19.47	60.00' LT.	9272	2054886.294	1084777.593	265+53.00
287+75.38	50.00' RT.	9257	2055416.076	1084576.443	259+97.06
278+37.49	55.00' RT.	9258	2054623.209	1085077.459	269+35.00

NOTES:
1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MUND BM34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.

PE-A-0.009	391
PE-B-0.028	N/A
PE-C-0.035	N/A
PE-D-0.016	N/A
PE-F-0.075	N/A
PE-G-0.024	N/A
PE-H-0.597	N/A
PE-I-0.414	N/A
PE-J-0.058	N/A
TE-A-3.539	N/A
TE-B-0.040	N/A
TE-C-0.213	N/A
TE-D-0.085	N/A
TE-E-0.178	N/A
TE-F-1.975	N/A
TE-G-0.038	N/A
TE-H-0.050	N/A

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1DK0020	LAKE COUNTY FOREST PRESERVE DISTRICT	*802.4 ±	0.000	N/A	*802.4 ±	**	***	PROP. ROW CONST.	11-09-100-001 thru 11-09-100-004, 11-04-300-003, 11-04-300-010, 11-04-300-013, 11-04-100-005	
1DK0021	LIBERTY GROVE LLC, F/K/A THE COURTS OF LIBERTY GROVE, LLC	0.854	0.854	0.643	0.000	N/A	N/A	N/A	11-09-100-020	

AREAS OF CONTIGUOUS PROPERTY CALCULATED USING EXISTING PLATS & RECORDS.

STATE OF ILLINOIS)
COUNTY OF)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 9, TOWNSHIP 44 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE 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 _____, ILLINOIS THIS _____ DAY OF _____, 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2012

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

RECEIVED
APR 27 2011
PLATS & LEGALS
RUETTIGER, TONELLI & ASSOCIATES, INC.
Lead Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
2174 ONEIDA STREET
JOLIET, ILLINOIS 60439
PH: (815) 744-6600 FAX: (815) 744-0101

SEE CONTINUATION ON SHEET 8

REVISED: 4-22-11/DELETED 20PE-E, REVISED 20TE-F

REVISED: 4-13-11/ADDED 20PE-J, REVISED 20TE-F

3-28-11 REVISED 0020 PARCEL TABLE

3-25-11 REVISED 0020 PARCEL TABLE

3-7-11 ADDED PE & REVISED TE'S ON 0020

1-26-11 TYPED IN TABLE

11-04-10 DELETED PARCEL 0044TE

REVISED PARCEL TABLE, ADDED 0044TE, 0020PE

UPDATED COORDINATE TABLE

MADE BY TLW

SECTION: 128R-3 COUNTY: LAKE
PROJECT: PARCEL TABLE JOB NO.: R-91-027-01
STATION 279+00 TO STATION 286+00
SCALE: 1"=30' SHEET 10 OF

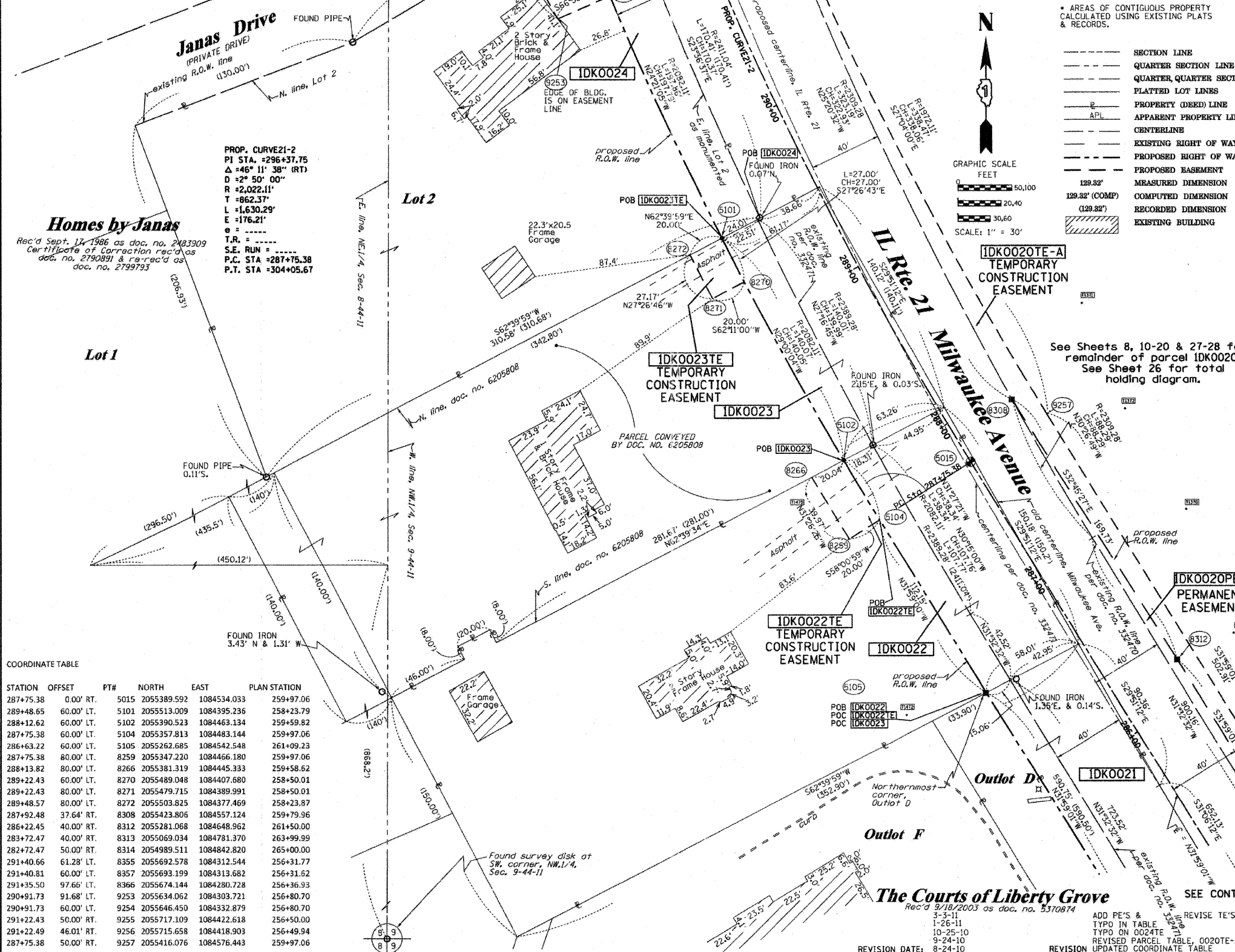
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

PART OF THE NW1/4 OF SECTION 9, TWP. 44 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.
SEE CONTINUATION ON SHEET 12

REFERENCE TIE TABLE

FROM	BEARING/ANGLE	DISTANCE	TO	DESCRIPTION
5015	SE 77 49'24"	122.91	1370	5/8" REBAR WITH YELLOW CAP
5015	NE 35 17'24"	107.20	1371	5/8" REBAR WITH YELLOW CAP
5015	SW 79 13'15"	93.66	1475	5/8" REBAR WITH YELLOW CAP
5105	NE 47 51'58"	150.53	1370	5/8" REBAR WITH YELLOW CAP
5105	SW 74 35'41"	46.10	1472	5/8" REBAR WITH YELLOW CAP
5105	NW 42 32'55"	148.51	1475	5/8" REBAR WITH YELLOW CAP
8308	SE 58 12'56"	114.17	1370	5/8" REBAR WITH YELLOW CAP
8308	NE 36 05'17"	65.94	1371	5/8" REBAR WITH YELLOW CAP
8308	SE 85 24'52"	83.22	1372	5/8" REBAR WITH YELLOW CAP
8312	NE 65 14'55"	34.69	1388	5/8" REBAR WITH YELLOW CAP
8312	SE 69 22'23"	65.94	1389	5/8" REBAR WITH YELLOW CAP
8312	NE 03 38'40"	82.77	1370	5/8" REBAR WITH YELLOW CAP
8357	NW 85 48'55"	123.37	1377	5/8" REBAR WITH YELLOW CAP
8357	NW 33 31'38"	77.25	1378	5/8" REBAR WITH YELLOW CAP
8357	NE 55 24'13"	140.02	1379	5/8" REBAR WITH YELLOW CAP

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	EASEMENT SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
IDK0020	LAKE COUNTY FOREST PRESERVE DISTRICT	*802.4±	0.000	N/A	*802.4±	**	***	PROP. ROW CONST.	11-09-100-001 thru 11-09-100-004, 11-04-300-003, 11-04-300-010, 11-04-300-013, 11-04-100-005	
IDK0021	LIBERTY GROVE LLC, F/K/A THE COURTS OF LIBERTY GROVE, LLC	0.854	0.854	0.643	N/A	N/A	N/A	N/A	11-09-100-020	
IDK0022	MICHAEL A. FENNEWALD & PAMELA FENNEWALD	1.210	0.209	0.154	1.001	0.018	N/A	CONST.	11-09-100-008	
IDK0023	THOMAS D. EVANS, JR. & CAROL H. EVANS, AS TRUSTEES OF THE CAROL H. EVANS LIVING TRUST	1.556	0.202	0.137	1.354	0.012	N/A	CONST.	11-09-100-021	
IDK0024	EDITH SIEG & WILLIAM M. LYERLY	1.368	0.114	N/A	1.254	0.038	N/A	CONST.	11-08-201-092	



COORDINATE TABLE

STATION	OFFSET	PTH	NORTH	EAST	PLAN STATION
287+75.38	0.00' RT.	5015	2055389.592	1084534.033	259+97.06
289+48.65	60.00' LT.	5101	2055513.009	1084395.236	258+23.79
288+12.62	60.00' LT.	5102	2055390.523	1084463.134	259+59.82
287+75.38	60.00' LT.	5104	2055357.813	1084483.144	259+97.06
286+63.22	60.00' LT.	5105	2055262.685	1084542.548	261+09.23
287+75.38	80.00' LT.	8259	2055347.220	1084466.180	259+97.06
288+13.82	80.00' LT.	8266	2055381.319	1084445.333	259+58.62
289+22.43	60.00' LT.	8270	2055489.048	1084407.680	258+50.01
289+22.43	80.00' LT.	8271	2055479.715	1084389.991	258+50.01
289+48.57	80.00' LT.	8272	2055503.825	1084377.469	258+23.87
287+92.48	37.64' RT.	8308	2055423.806	1084557.124	259+79.96
286+22.45	40.00' RT.	8312	2055281.068	1084648.962	261+50.00
283+72.47	40.00' RT.	8313	2055069.034	1084781.370	263+99.99
282+72.47	50.00' RT.	8314	2054989.511	1084842.820	265+00.00
291+40.66	61.28' LT.	8355	2055692.578	1084312.544	256+31.77
291+40.81	60.00' LT.	8357	2055693.199	1084313.682	256+31.62
291+35.50	97.66' LT.	8366	2055674.144	1084280.728	256+36.93
290+91.73	91.68' LT.	9253	2055634.062	1084303.721	256+80.70
290+91.73	60.00' LT.	9254	2055646.450	1084332.879	256+80.70
291+22.43	50.00' RT.	9255	2055717.109	1084422.618	256+50.00
291+22.49	46.01' RT.	9256	2055715.658	1084418.903	256+49.94
287+75.38	50.00' RT.	9257	2055416.076	1084576.443	259+97.06

LEGEND

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPL
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE
0 50,000
0 20,40
0 30,60
SCALE: 1" = 30'

NOTES:
1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MUND BM34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.

PE-A-0.009 391
PE-B-0.028 N/A
PE-C-0.035 N/A
PE-D-0.016 N/A
PE-E-0.075 N/A
PE-F-0.024 N/A
PE-H-0.597 N/A
PE-I-0.414 N/A
PE-J-0.058 N/A
TE-A-3.538 N/A
TE-B-0.040 N/A
TE-C-0.213 N/A
TE-D-0.085 N/A
TE-E-0.178 N/A
TE-F-1.975 N/A
TE-G-0.038 N/A
TE-H-0.050 N/A

IRON PIPE OR ROD FOUND
OUT CROSS FOUND OR SET

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.

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

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

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. STANDARD 2135 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
COUNTY OF)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 9, TOWNSHIP 44 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE 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 _____, ILLINOIS THIS _____ DAY OF _____, 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2012

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

RUETTIGER, TONELLI & ASSOCIATES, INC.
Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
2174 ONEIDA STREET
JOLIET, ILLINOIS 60439
PH. (815) 744-6600 FAX (815) 744-0101

RECEIVED
APR 27 2011
PLATS & LEGALS

REVISOR: 4-22-11/DELETED 20PE-E, REVISED 20TE-F
REVISOR: 4-13-11/ADDED 20PE-J, REVISED 20TE-F

REVISOR: 3-28-11/REVISED 0020
REVISOR: 3-25-11/REVISED 0020

SECTION: 128R-3 COUNTY: LAKE
PROJECT JOB NO.:R-91-027-01
STATION 286+00 TO STATION 291+00
SCALE: 1"=30' SHEET 11 OF

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

REVISION DATE: 8-24-10
REVISION: UPDATED COORDINATE TABLE
MADE BY TLW

PART OF THE NE1/4 OF SECTION 8 AND THE NW1/4 OF SECTION 9, TWP. 44 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1DK0020	LAKE COUNTY FOREST PRESERVE	*802.4±	0.000	N/A	*802.4+/-	**	***	PROP. ROW CONST.	11-04-300-010 11-04-300-013 11-04-300-003 11-09-100-001 thru 004 11-04-100-005	
1DK0025	ANDREW K. JANAS	3.893	0.295	N/A	3.598	N/A	N/A	N/A	11-08-201-090 11-08-201-091	

COORDINATE TABLE

STATION	OFFSET	PTH	NORTH	EAST	PLAN STATION
295+93.90	60.00' LT.	5098	2056142.448	1084191.54	251+78.50
291+40.81	60.00' LT.	8357	2055693.199	1084313.682	256+31.62
291+90.03	60.00' LT.	8384	2055740.534	1084295.577	255+82.39
291+18.74	95.86' LT.	8368	2055658.532	1084288.983	256+53.69

SEE CONTINUATION ON SHEET 13

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APL
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE
FEET
0 50,100
20,40
30,60
SCALE: 1" = 30'

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

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

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

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

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

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

●: PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)

□: RIGHT OF WAY STAKING PROPOSED TO BE SET

Resubdivision of Part of Lot 16 in Brookhill Park

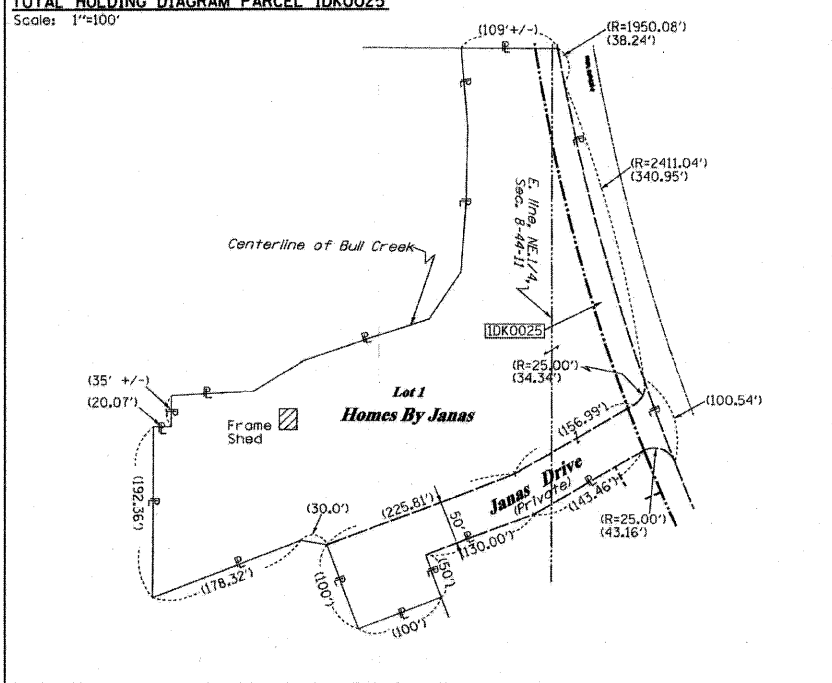
Rec'd April 3, 1969 as doc. no. 1416437

REFERENCE TIE TABLE

FROM	BEARING/ANGLE	DISTANCE	TO	DESCRIPTION
8357	NW 85 48'55"	123.37	1377	5/8" REBAR WITH YELLOW CAP
8357	NE 55 24'11"	140.02	1379	5/8" REBAR WITH YELLOW CAP
8357	NW 17 30'22"	448.41	1655	5/8" REBAR WITH YELLOW CAP
8384	SW 69 56'00"	111.72	1377	5/8" REBAR WITH YELLOW CAP
8384	NE 76 26'22"	137.19	1379	5/8" REBAR WITH YELLOW CAP
8384	NW 17 04'12"	397.83	1655	5/8" REBAR WITH YELLOW CAP

NOTES:
1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MUND BM34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.

TOTAL HOLDING DIAGRAM PARCEL 1DK0025



See total holding diagram of Parcel 1DK0025 to the left

Lot 1

Homes By Janas

Rec'd Sept. 11, 1986 as doc. no. 2483909
Certificate of Correction rec'd as doc. no. 2790891 & re-rec'd as doc. no. 2799793

1DK0020TE-F
TEMPORARY CONSTRUCTION EASEMENT
See Sheet 13

See sheets 8, 10-20 & 27-28 for remainder of Parcel 1DK0020. See Sheet 26 for total holding diagram.

1DK0020TE-D
TEMPORARY CONSTRUCTION EASEMENT

1DK0020TE-A
TEMPORARY CONSTRUCTION EASEMENT
See Sheet 11

STATE OF ILLINOIS)
COUNTY OF)
THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 9, TOWNSHIP 44 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE 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 _____, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2012

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

RECEIVED
APR 27 2011

PLATS & LEGALS
REVISED: 4-22-11/DELETED 20PE-E, REVISED 20TE-F
REVISED: 4-13-11/ADDED 20PE-J, REVISED 20TE-F

RUETTIGER, TONELLI & ASSOCIATES, INC.
Lead Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
2114 ONEIDA STREET
JOLIET, ILLINOIS 60438
PH. (815) 744-6600 FAX (815) 744-0101

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP 330 (IL 21)

SECTION: 128R-3 COUNTY: LAKE
PROJECT: JOLIET, ILLINOIS 60438
JOB No.: R-91-027-01
STATION 291+00 TO STATION 296+00
SCALE: 1"=30' SHEET 12 OF

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

PART OF THE NE1/4 OF SECTION 8 AND THE NW1/4 OF SECTION 9 AND SW 1/4 OF SECTION 4, TWP. 44 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1DK0020	LAKE COUNTY FOREST PRESERVE	802.4±	0.000	N/A	802.4±	11-04-300-010 11-04-300-013 11-04-300-003 11-09-100-001 11-04-100-005	thru 004
1DK0029	EDUARD F. SPETH & SUSAN M. SPETH	0.762	N/A	N/A	0.762	0.014	N/A	CONST.	11-08-201-020
1DK0030	JEFFREY GIES & ESTRELLA GIES	0.579	0.088	N/A	0.491	0.015	N/A	CONST.	11-08-201-023
1DK0031	WILLIAM DAVID NADLER & CHRISTINE S. NADLER CO-TRUSTEES OF THE WILLIAM DAVID & CHRISTINE S. NADLER TRUST	0.473	0.084	N/A	0.389	0.029	N/A	CONST.	11-08-201-022
1DK0032	CORNELIU SERB & MALIN SERB	0.522	0.051	N/A	0.471	0.047	N/A	CONST.	11-08-201-021
1DK0033	CHICAGO TITLE LAND TRUST CO., SUCCESSOR TO AMERICAN NATIONAL BANK & TRUST CO. OF CHICAGO, AS TRUSTEE, TRUST NO. 116114-07	44.862	1.203	0.779	43.659	TE-A-0.017 TE-B-0.022	N/A	CONST.	11-04-300-005 11-05-400-010

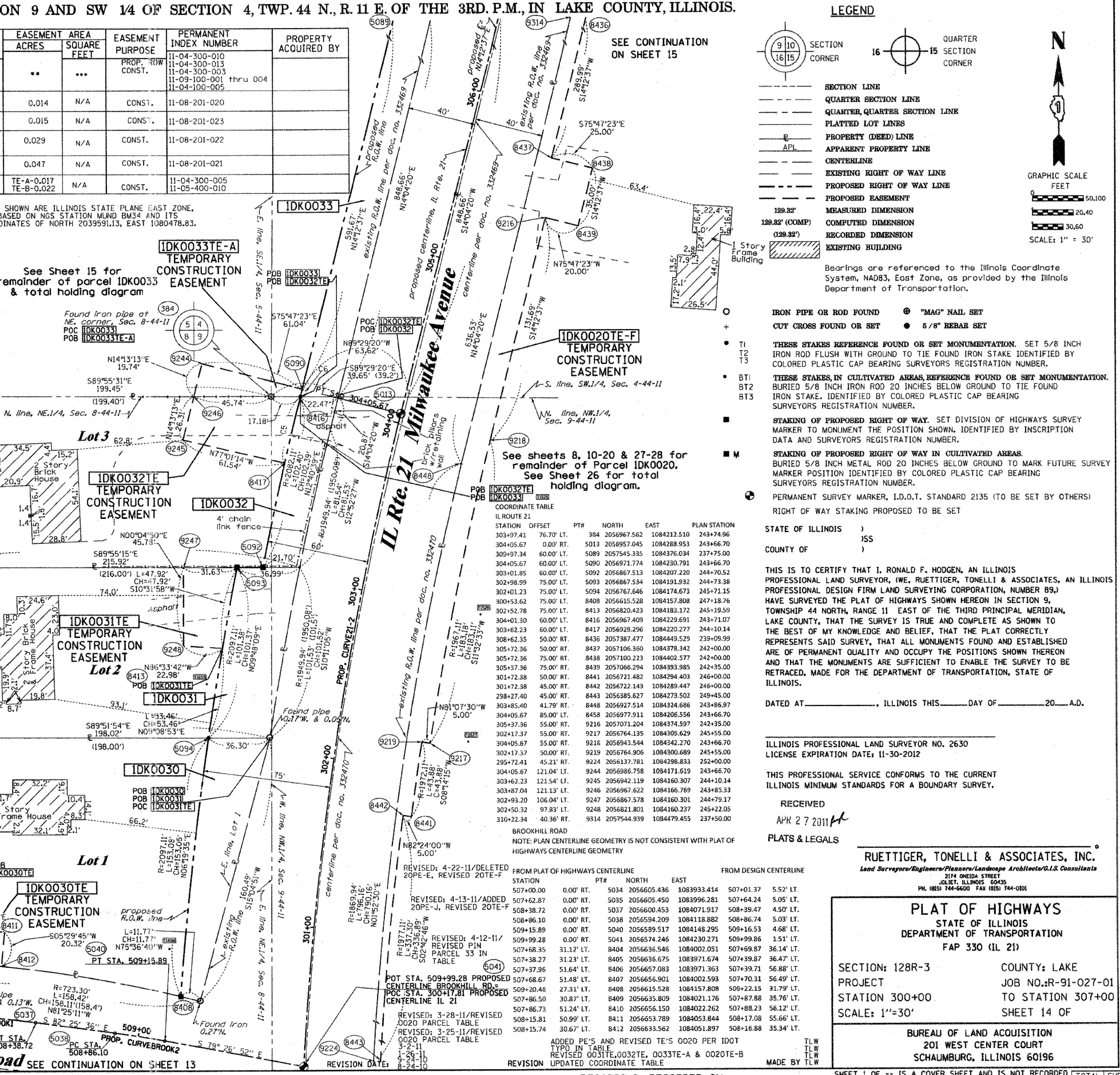
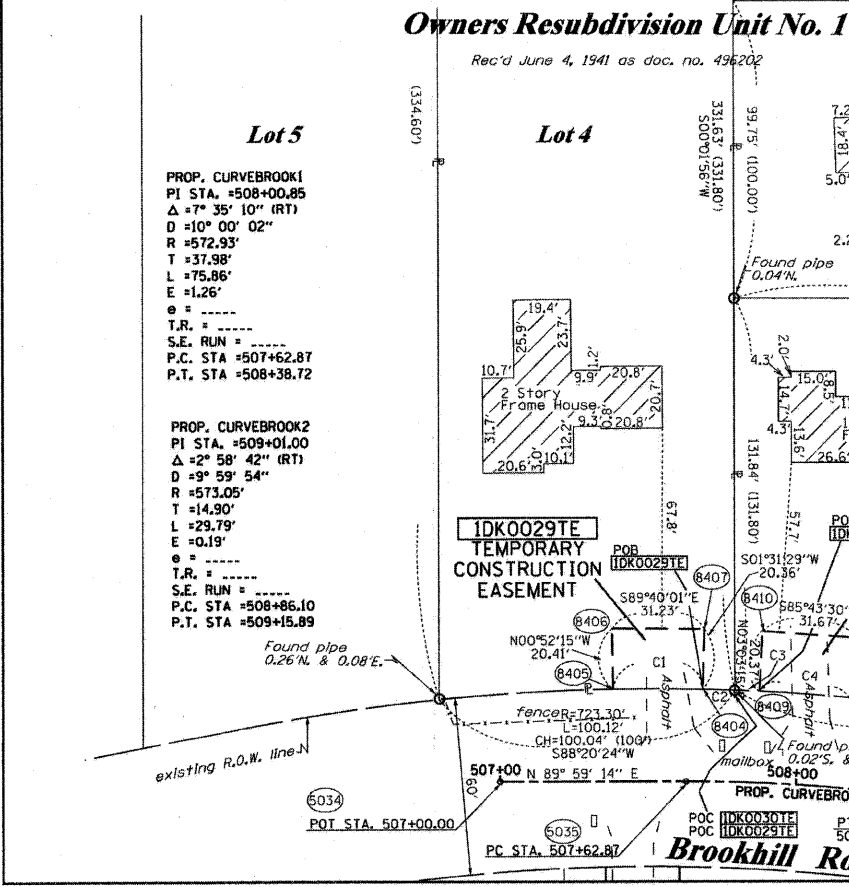
PROP. CURVE21-2
PI STA. =296+37.75
Δ =46° 11' 38" (RT)
D =2° 50' 00"
R =2,022.11'
T =862.37'
L =1,630.29'
E =176.21'
e =
T.R. =
S.E. RUN =
P.C. STA =287+75.38
P.T. STA =304+05.67

CURVE TABLE

NO.	LENGTH	RADIUS	CHORD	CHORD BRG
C1	30.38'	723.30'	30.38'	N89°45'20"W
C2	10.83'	723.30'	10.83'	N88°07'24"W
C3	8.31'	723.30'	8.31'	S87°21'55"E
C4	30.81'	723.30'	30.80'	N85°48'58"W
C5	40.23'	2082.11'	40.23'	S13°31'58"W
C6	4.50'	2082.11'	4.50'	S14°08'52"W

REFERENCE TIE TABLE

FROM	BEARING/ANGLE	DISTANCE	TO	DESCRIPTION
5013	SE 56°18'08"	131.66	1525	REBAR WITH CAP
5013	SE 17°32'52"	222.39	1527	REBAR WITH CAP
5013	SW 36°07'44"	195.34	1659	REBAR WITH CAP
5002	SE 78°18'14"	189.46	1526	REBAR WITH CAP
5092	SE 50°31'52"	192.74	1527	REBAR WITH CAP
5092	SW 26°09'23"	78.00	1659	REBAR WITH CAP
5003	NE 85°28'36"	207.37	1525	REBAR WITH CAP
5065	SE 53°14'48"	204.78	1527	REBAR WITH CAP
5093	SW 14°53'33"	70.64	1659	REBAR WITH CAP
8408	NE 56°50'43"	236.74	1527	REBAR WITH CAP
8408	NW 13°09'53"	29.03	1659	REBAR WITH CAP
8408	NE 04°58'01"	164.43	1659	REBAR WITH CAP



LEGEND

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PLATTED LOT LINES
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- RECORDED DIMENSION
- EXISTING BUILDING

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

IRON PIPE OR ROD FOUND
CUT CROSS FOUND OR SET

TI
T2
T3
BT1
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. BURNED 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. STANDARD 2135 (TO BE SET BY OTHERS)
RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
COUNTY OF)

THIS IS TO CERTIFY THAT I, RONALD F. TIGGER, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 9, TOWNSHIP 44 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE 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 _____, ILLINOIS THIS _____ DAY OF _____, 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2012

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

RECEIVED
APR 27 2011
PLATS & LEGALS

RUETTIGER, TONELLI & ASSOCIATES, INC.
Land Surveyors/Engineers/Planners/Landscape Architects/G.L.S. Consultants
214 ONEIDA STREET
JOLIET, ILLINOIS 60435
PH: (815) 744-5600 FAX: (815) 744-0101

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP 330 (IL 21)

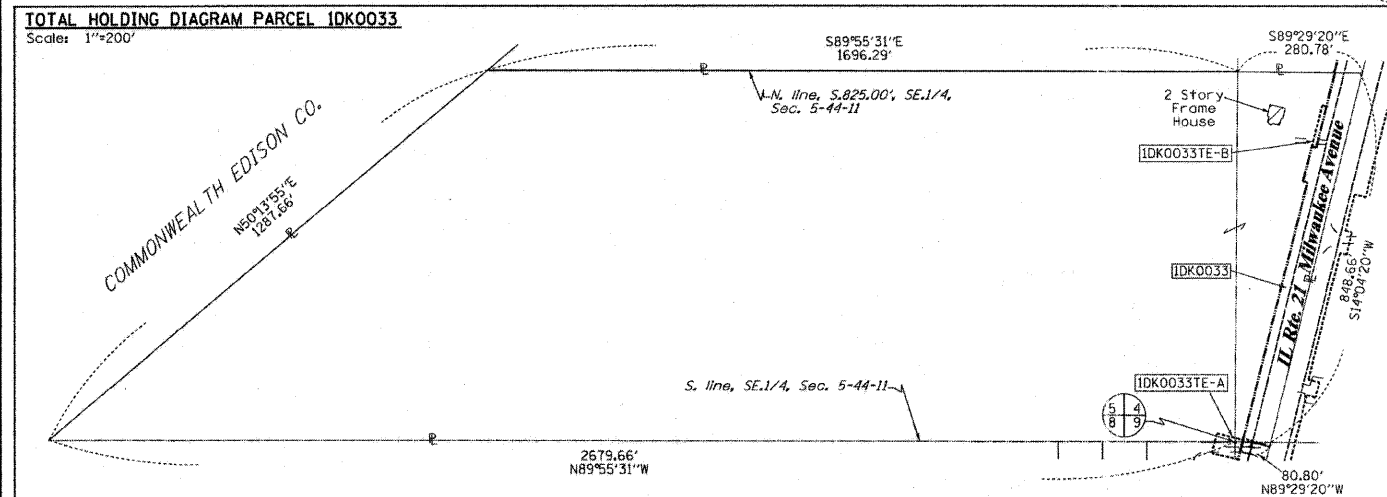
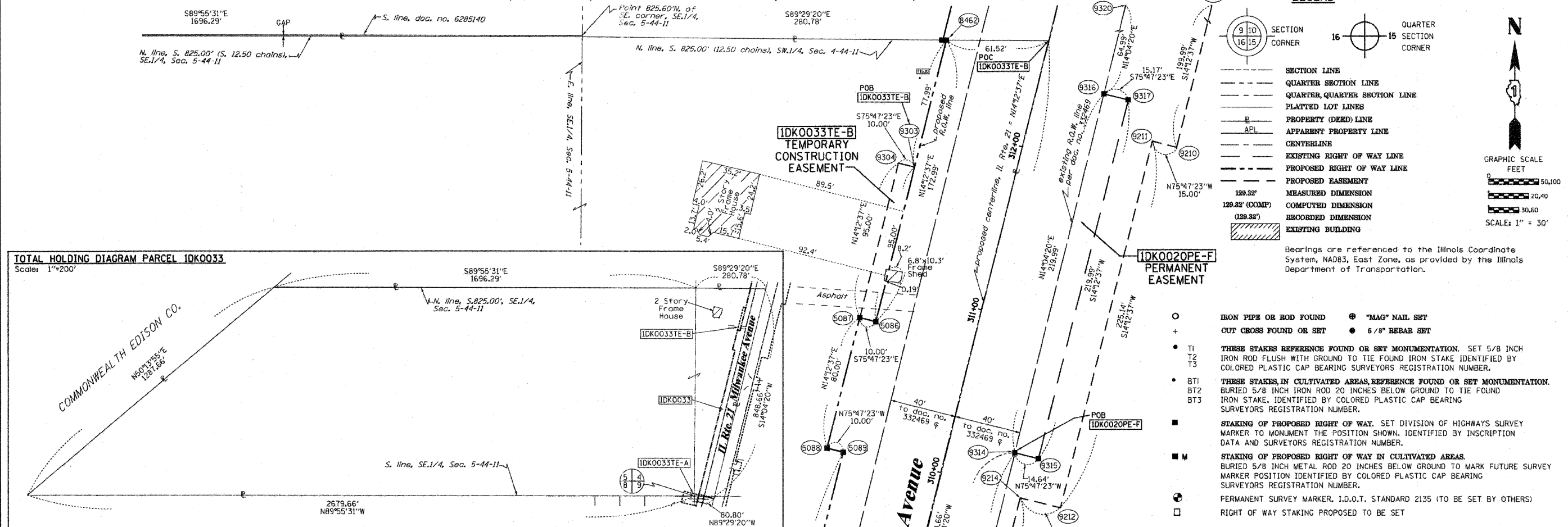
SECTION: 128R-3 COUNTY: LAKE
PROJECT: JOB NO.: R-91-027-01
STATION 300+00 TO STATION 307+00
SCALE: 1"=30' SHEET 14 OF

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

SHEET 1 OF -- IS A COVER SHEET AND IS NOT RECORDED
RT&A 2009-0927 CONTRACT NO. 60P33

TOTAL SHEETS: 128 SHEET NO.: 49

PART OF THE SE1/4 OF SECTION 5 AND THE SW1/4 OF SECTION 4, TWP. 44 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS. SEE CONTINUATION ON SHEET 16



LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

GRAPHIC SCALE
0 50.00
20.40
30.60
SCALE: 1" = 30'

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + OUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 THESE STAKES REFERENCED 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, REFERENCED FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

COORDINATE TABLE

STATION	OFFSET	PT#	NORTH	EAST	PLAN STATION
303+97.41	76.70' LT.	384	2056967.562	1084212.510	243+74.96
310+77.33	60.00' LT.	5086	2057622.883	1084395.673	236+95.00
310+77.33	70.00' LT.	5087	2057625.338	1084385.978	236+95.00
309+97.34	70.00' LT.	5088	2057547.790	1084366.341	237+75.00
309+97.34	60.00' LT.	5089	2057545.335	1084376.034	237+75.00
304+05.67	60.00' LT.	5090	2056971.774	1084230.791	243+66.70
309+12.35	50.00' RT.	8433	2057435.947	1084461.803	238+59.99
309+12.35	65.00' RT.	8434	2057432.265	1084476.344	238+59.99
308+62.35	65.00' RT.	8435	2057383.795	1084464.070	239+09.99
308+62.35	50.00' RT.	8436	2057387.477	1084449.529	239+09.99
305+72.36	50.00' RT.	8437	2057106.360	1084378.342	242+00.00
303+85.40	41.79' RT.	8448	2056927.514	1084324.686	243+86.97
312+50.32	60.00' LT.	8462	2057790.582	1084438.140	235+22.01
314+22.32	90.00' RT.	9209	2057920.493	1084625.768	233+50.00
312+22.33	90.00' RT.	9210	2057726.623	1084576.674	235+50.00
312+22.33	75.00' RT.	9211	2057730.305	1084562.133	235+50.00
309+97.19	75.00' RT.	9212	2057512.054	1084506.865	237+75.15
309+97.19	50.00' RT.	9214	2057518.191	1084482.630	237+75.15
311+72.33	60.00' LT.	9303	2057714.977	1084418.994	236+00.00
311+72.33	70.00' LT.	9304	2057717.432	1084409.299	236+00.00
310+22.34	40.36' RT.	9314	2057544.939	1084479.455	237+50.00
310+22.34	55.00' RT.	9315	2057541.344	1084493.651	237+50.00
312+42.33	39.83' RT.	9316	2057758.328	1084532.944	235+30.00
312+42.33	55.00' RT.	9317	2057754.603	1084547.654	235+30.00
313+07.32	39.67' RT.	9320	2057821.368	1084548.746	234+65.00
304+25.98	41.79' RT.	9352	2056966.474	1084334.452	243+46.38

* AREAS OF CONTIGUOUS PROPERTY CALCULATED USING EXISTING PLATS & RECORDS.

- PE-A-0.009 391
- PE-B-0.028 N/A
- PE-C-0.035 N/A
- PE-D-0.016 N/A
- PE-F-0.075 N/A
- PE-G-0.024 N/A
- PE-H-0.597 N/A
- PE-I-0.414 N/A
- PE-J-0.058 N/A
- TE-A-3.539 N/A
- TE-B-0.040 N/A
- TE-C-0.213 N/A
- TE-D-0.085 N/A
- TE-E-1.178 N/A
- TE-F-1.976 N/A
- TE-G-0.038 N/A
- TE-H-0.050 N/A

See Sheet 14 for remainder of parcel IDK0033. See total holding diagram above.

See sheets 8, 10-20 & 27-28 for remainder of Parcel IDK0020. See Sheet 26 for total holding diagram.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
IDK0020	LAKE COUNTY FOREST PRESERVE	•802.4±	0.000	N/A	•802.4±	**	***	PE-PROP. ROW CONST.	11-04-300-010 11-04-300-013 11-04-300-003 11-09-100-001 thru 004 11-04-100-005	
IDK0033	CHICAGO TITLE LAND TRUST CO., SUCCESSOR TO AMERICAN NATIONAL BANK & TRUST CO. OF CHICAGO, AS TRUSTEE, TRUST NO. 116114-07	44.862	1.203	0.779	43.659	TE-A-0.017 TE-B-0.022	N/A	CONST.	11-04-300-005	

REVISED: 4-22-11/DELETED 20PE-E, REVISED 20TE-F
REVISED: 4-13-11/ADDED 20PE-J, REVISED 20TE-F

SEE CONTINUATION ON SHEET 14

NOTES:
1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2011), BASED ON NGS STATION MUND 8M34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.
REVISED: 3-28-11/REVISED 0020 PARCEL TABLE
REVISED: 3-25-11/REVISED 0020 PARCEL TABLE
ADDED PE'S & REVISED TE'S TO 0020 PER IDOT TYPE IN TABLE
TYPO ON 0033TE-B
REVISED 0020TE-B & 033TE-B
REVISION UPDATED COORDINATE TABLE

RECEIVED
APR 27 2011
PLATS & LEGALS

RUETTIGER, TONELLI & ASSOCIATES, INC.
Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
2174 OHEDA STREET
JOLIET, ILLINOIS 60435
PH (815) 744-6600 FAX (815) 744-0001

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP 330 (IL 21)

SECTION: 128R-3 COUNTY: LAKE
PROJECT JOB NO.: R-91-027-01
STATION 307+00 TO STATION 313+00
SCALE: 1"=30' SHEET 15 OF

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

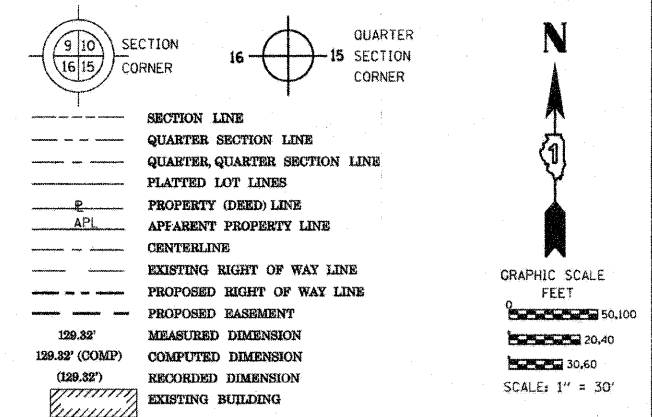
PART OF THE SE1/4 OF SECTION 5 AND THE SW1/4 OF SECTION 4, TWP. 44 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT		EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
						ACRES	SQUARE FEET			
IDK0020	LAKE COUNTY FOREST PRESERVE	*802.4+/-	0.000	N/A	*802.4+/-	**	***	PROP. ROW CONST.	11-04-300-010 11-04-300-013 11-04-300-003 11-09-100-001 thru 004 11-04-100-005	
IDK0034	LAKE COUNTY FOREST PRESERVE DIST.	15.385	0.000	N/A	15.385	PE-0.167 TE-0.701	N/A	PROP. ROW CONST.	11-05-400-018 11-05-400-018-8001	

* Areas of contiguous property calculated using existing plats & records

** PE-A-0.009 391
PE-B-0.028 N/A
PE-C-0.035 N/A
PE-D-0.016 N/A
PE-F-0.075 N/A
PE-G-0.024 N/A
PE-H-0.597 N/A
PE-I-0.414 N/A
PE-J-0.058 N/A
TE-A-3.539 N/A
TE-B-0.040 N/A
TE-C-0.213 N/A
TE-D-0.085 N/A
TE-E-0.178 N/A
TE-F-1.975 N/A
TE-G-0.038 N/A
TE-H-0.050 N/A

LEGEND

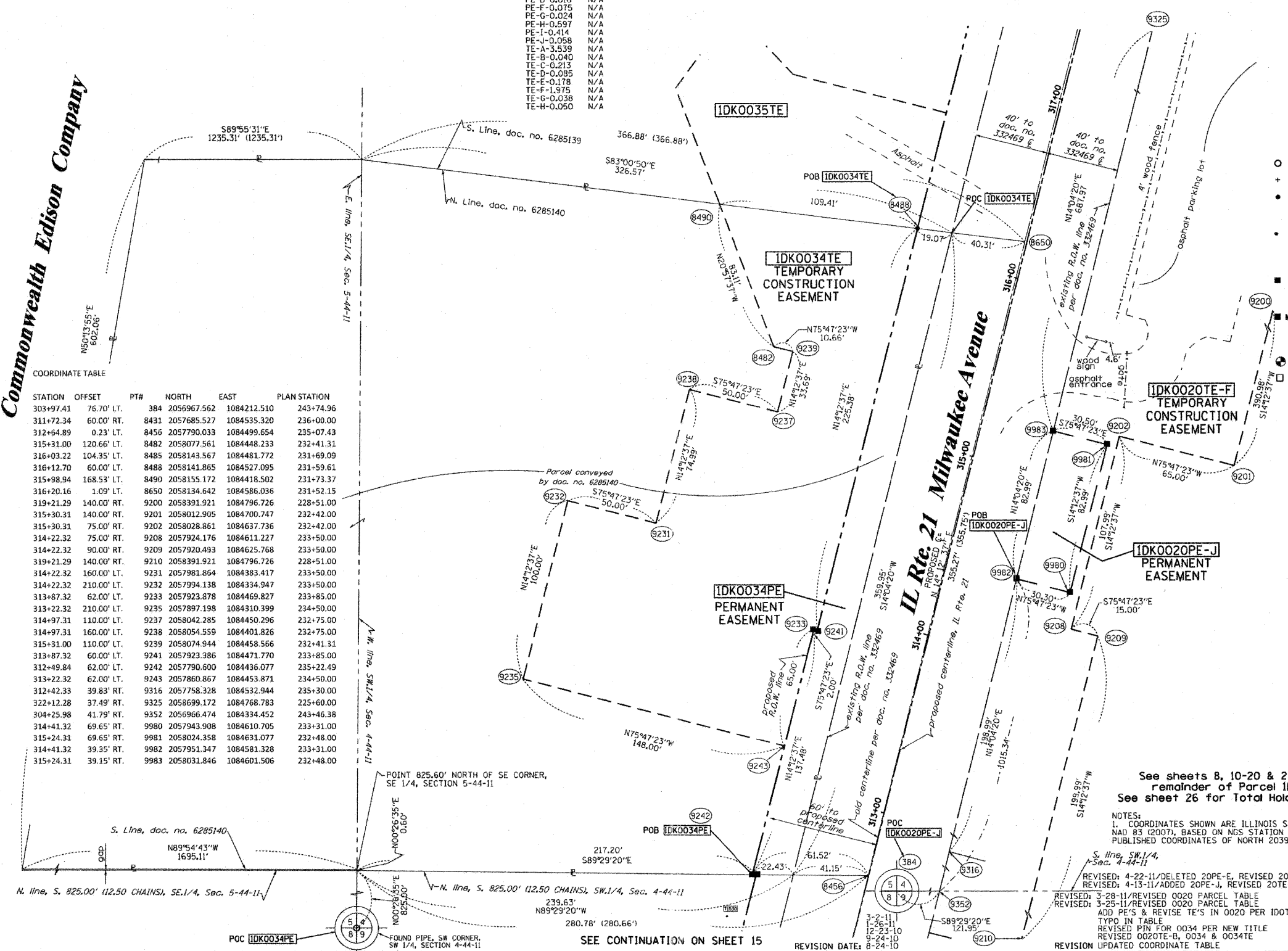


SEE CONTINUATION ON SHEET 17

Commonwealth Edison Company

COORDINATE TABLE

STATION	OFFSET	PTH	NORTH	EAST	PLAN STATION
303+97.41	76.70' LT.	384	2056967.562	1084212.510	243+74.96
311+72.34	60.00' RT.	8431	2057685.527	1084535.320	236+00.00
312+64.89	0.23' LT.	8456	2057790.033	1084499.654	235+07.43
315+31.00	120.66' LT.	8482	2058077.561	1084448.233	232+41.31
316+03.22	104.35' LT.	8485	2058143.567	1084481.772	231+69.09
315+98.94	60.00' LT.	8488	2058141.865	1084527.095	231+59.61
316+12.70	60.00' LT.	8490	2058155.172	1084418.502	231+73.37
316+20.16	1.09' LT.	8650	2058134.642	1084586.036	231+52.15
319+21.29	140.00' RT.	9200	2058391.921	1084796.726	228+51.00
315+30.31	140.00' RT.	9201	2058012.905	1084700.747	232+42.00
315+30.31	75.00' RT.	9202	2058028.861	1084637.736	232+42.00
314+22.32	75.00' RT.	9208	2057924.176	1084611.227	233+50.00
314+22.32	90.00' RT.	9209	2057920.493	1084625.768	233+50.00
319+21.29	140.00' RT.	9210	2058391.921	1084796.726	228+51.00
314+22.32	160.00' LT.	9231	2057981.864	1084383.417	233+50.00
314+22.32	210.00' LT.	9232	2057994.138	1084334.947	233+50.00
313+87.32	62.00' LT.	9233	2057923.878	1084469.827	233+85.00
313+22.32	210.00' LT.	9235	2057897.198	1084310.399	234+50.00
314+97.31	110.00' LT.	9237	2058042.285	1084450.296	232+75.00
314+97.31	160.00' LT.	9238	2058054.559	1084401.826	232+75.00
315+31.00	110.00' LT.	9239	2058074.944	1084458.566	232+41.31
313+87.32	60.00' LT.	9241	2057923.386	1084471.770	233+85.00
312+49.84	62.00' LT.	9242	2057790.600	1084436.077	235+22.49
313+22.32	62.00' LT.	9243	2057860.867	1084453.871	234+50.00
312+42.33	39.83' RT.	9316	2057758.328	1084532.944	235+30.00
322+12.28	37.49' RT.	9325	2058699.172	1084768.783	225+60.00
304+25.98	41.79' RT.	9352	2056966.474	1084334.452	243+46.38
314+41.32	69.65' RT.	9980	2057943.908	1084610.705	233+31.00
315+24.31	69.65' RT.	9981	2058024.358	1084631.077	232+48.00
314+41.32	39.35' RT.	9982	2057951.347	1084581.328	233+31.00
315+24.31	39.15' RT.	9983	2058031.846	1084601.506	232+48.00



IRON PIPE OR ROD FOUND ○ "MAG" NAIL SET
 CUT CROSS FOUND OR SET + ● 5/8" REBAR SET
 T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 T2
 T3
 BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 BT2
 BT3
 STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 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. STANDARD 2135 (TO BE SET BY OTHERS)
 RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
 COUNTY OF)
 THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREIN IN SECTIONS 4 AND 5, TOWNSHIP 44 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE 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 _____, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
 LICENSE EXPIRATION DATE: 11-30-2012
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

RECEIVED
 APR 27 2011
 PLATS & LEGALS
 RUETTIGER, TONELLI & ASSOCIATES, INC.
 Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
 2114 ONEIDA STREET
 JOLIET, ILLINOIS 60435
 PH. 815/746-6600 FAX 815/744-0101

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 FAP 330 (IL 21)

SECTION: 128R-3 COUNTY: LAKE
 PROJECT JOB NO.: R-91-027-01
 STATION 313+00 TO STATION 317+00
 SCALE: 1"=30' SHEET 16 OF

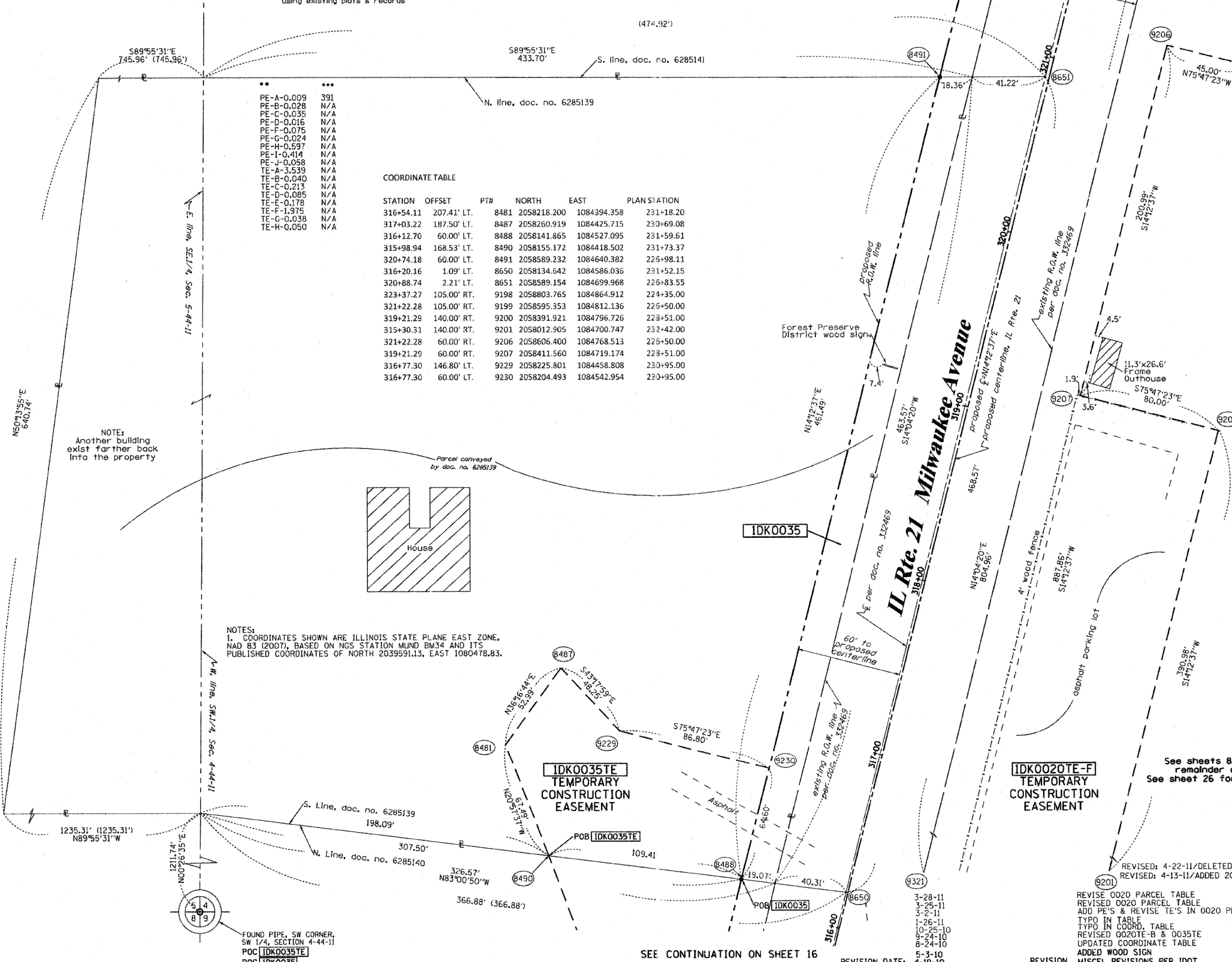
See sheets B, 10-20 & 27-28 for remainder of Parcel IDK0020
 See sheet 26 for Total Holding Diagram

NOTES:
 1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MUND BM34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.
 REVISED: 4-22-11/DELETED 20PE-E, REVISED 20TE-F
 REVISED: 4-13-11/ADDED 20PE-J, REVISED 20TE-F
 REVISED: 3-28-11/REVISED 0020 PARCEL TABLE
 REVISED: 3-23-11/REVISED 0020 PARCEL TABLE
 ADD PE'S & REVISE TE'S IN 0020 PER IDOT TYP0 IN TABLE
 REVISED PIN FOR 0034 PER NEW TITLE
 REVISED 0020TE-B, 0034 & 0034TE
 REVISION DATED: 8-24-10

PART OF THE SE1/4 OF SECTION 5 AND THE SW1/4 OF SECTION 4, TWP. 44 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
IDK0020	LAKE COUNTY FOREST PRESERVE	•802.0+/-	0.000	N/A	•802.4+/-	**	***	PROP. ROW CONST.	11-04-300-010 11-04-300-013 11-04-300-003 11-09-100-001 thru 004 11-04-100-005	
IDK0035	LIBERTY PRAIRIE CONSERVANCY, AN ILLINOIS NOT-FOR-PROFIT CORPORATION	13.104	0.195	N/A	12.909	0.236	N/A	CONST.	11-04-300-016	

* Areas of contiguous property calculated using existing plats & records

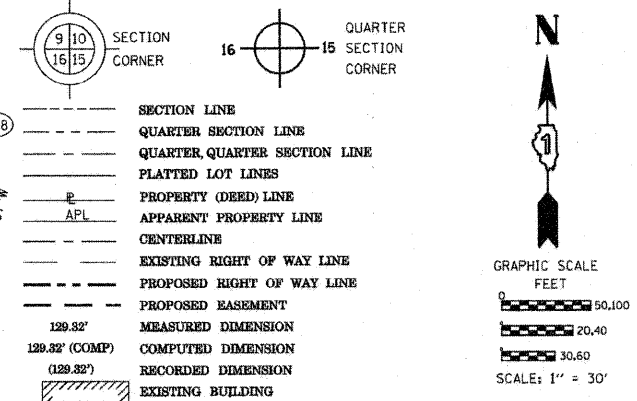


COORDINATE TABLE

STATION	OFFSET	PTH	NORTH	EAST	PLAN STATION
316+54.11	207.41' LT.	8481	2058218.200	1084394.358	231+18.20
317+03.22	187.50' LT.	8487	2058260.919	1084425.715	230+69.08
316+12.70	60.00' LT.	8488	2058141.865	1084527.095	231+59.61
315+98.94	168.53' LT.	8490	2058155.172	1084418.502	231+73.37
320+74.18	60.00' LT.	8491	2058589.232	1084640.382	226+98.11
316+20.16	1.09' LT.	8650	2058134.642	1084586.036	231+52.15
320+88.74	2.21' LT.	8651	2058589.154	1084699.968	226+83.55
323+37.27	105.00' RT.	9198	2058803.765	1084864.912	224+35.00
321+22.28	105.00' RT.	9199	2058595.353	1084812.136	226+50.00
319+21.29	140.00' RT.	9200	2058391.921	1084796.726	228+51.00
315+30.31	140.00' RT.	9201	2058012.905	1084700.747	232+42.00
321+22.28	60.00' RT.	9206	2058606.400	1084768.513	226+50.00
319+21.29	60.00' RT.	9207	2058411.560	1084719.174	228+51.00
316+77.30	146.80' LT.	9229	2058225.801	1084458.808	230+95.00
316+77.30	60.00' LT.	9230	2058204.493	1084542.954	230+95.00

NOTES:
1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MUND BM34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.

LEGEND



Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1, T2, T3 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1, BT2, BT3 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- 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. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
COUNTY OF)
ISS)
THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 4 AND 5, TOWNSHIP 44 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE 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 _____, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2012
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

RUETTIGER, TONELLI & ASSOCIATES, INC.
Land Surveyors/Engineers/Planners/Landscape Architects/C.S. Consultants
2174 ONEIDA STREET
JOLIET, ILLINOIS 60433
PH. (815) 744-5600 FAX (815) 744-0101

RECEIVED
APR 27 2011
PLATS & LEGALS

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP 330 (IL 21)

SECTION: 128R-3 COUNTY: LAKE
PROJECT JOB NO.: R-91-027-01
STATION 316+00 TO STATION 321+00
SCALE: 1"=30' SHEET 17 OF

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

PART OF THE SE1/4 OF SECTION 5 AND THE SW1/4 OF SECTION 4, TWP. 44 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS. SEE CONTINUATION ON SHEET 19

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
IDK0020	LAKE COUNTY FOREST PRESERVE	802.41	0.000	N/A	802.41	**	...	PE-PROP. ROW CONST.	11-04-300-010 11-04-300-013 11-04-300-003 11-09-100-001 thru 004 11-04-100-005	
IDK0036	LIBERTYVILLE TOWNSHIP	5.400	0.122	N/A	5.278	0.054	N/A	CONST.	11-05-400-019	
IDK0037	THE TOWN OF LIBERTYVILLE	12.031	1.557	0.836	10.474	N/A	N/A	N/A	11-04-300-002	

* AREAS OF CONTIGUOUS PROPERTY CALCULATED USING EXISTING PLATS & RECORDS.

NOTES:
1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MUND BM37 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.

COORDINATE TABLE

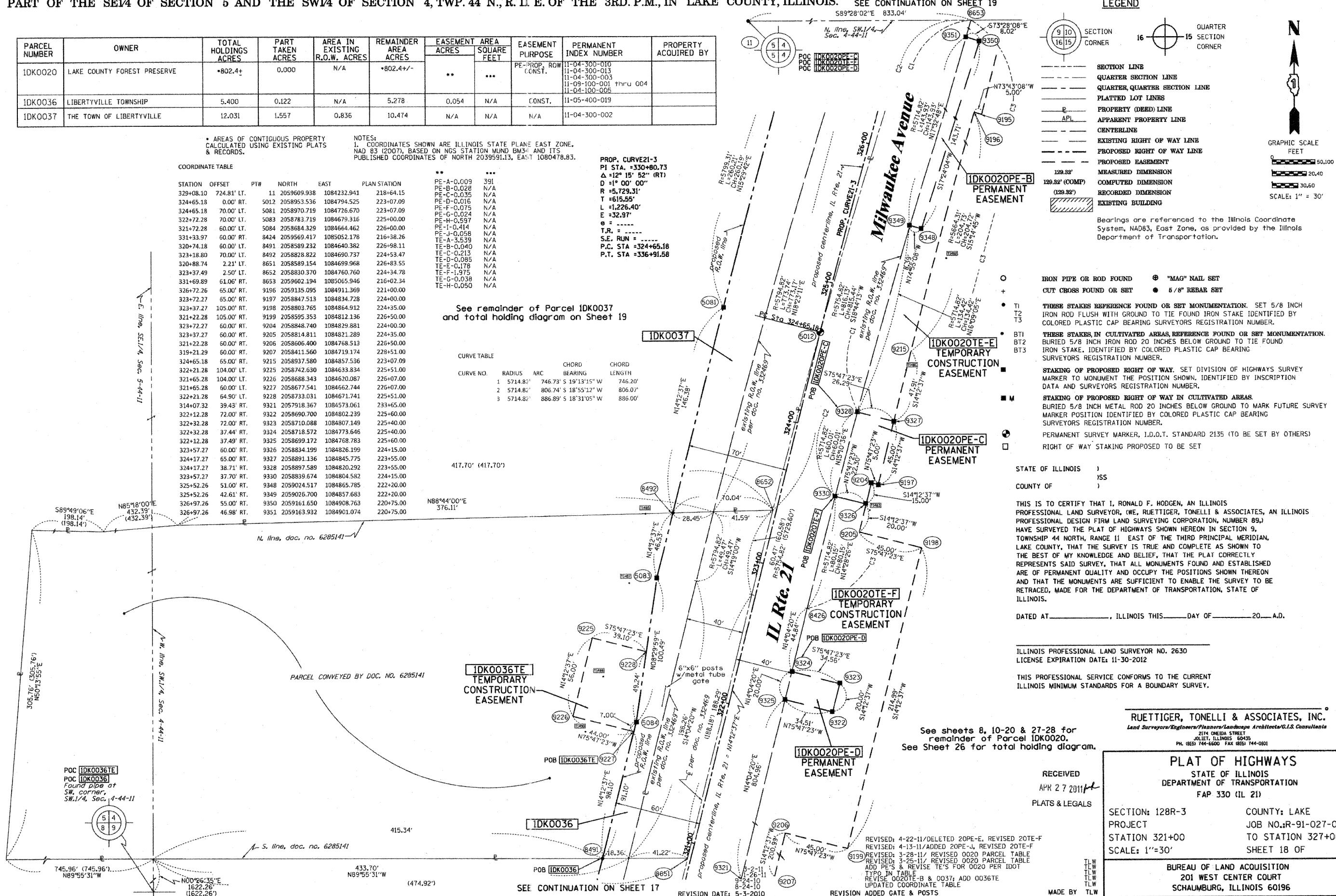
STATION	OFFSET	PT#	NORTH	EAST	PLAN STATION
329+08.10	724.81' LT.	11	2059609.938	1084232.941	218+64.15
324+65.18	0.00' RT.	5012	2058953.536	1084794.525	223+07.09
324+65.18	70.00' LT.	5081	2058970.719	1084726.670	223+07.09
322+72.28	70.00' LT.	5083	2058783.719	1084679.316	225+00.00
321+72.28	60.00' LT.	5084	2058684.329	1084664.462	226+00.00
321+33.97	60.00' LT.	8424	2059569.417	1085052.178	216+38.26
320+74.18	60.00' LT.	8491	2058589.232	1084640.382	226+98.11
323+18.80	70.00' LT.	8492	2058828.822	1084690.737	224+53.47
320+88.74	2.21' LT.	8651	2058589.154	1084699.968	226+83.55
323+37.49	2.50' LT.	8652	2058830.370	1084760.760	224+34.78
331+69.89	61.06' RT.	8653	2059602.194	1085065.946	216+02.34
326+72.26	65.00' RT.	9196	2059135.095	1084911.369	221+00.00
323+72.27	65.00' RT.	9197	2058847.513	1084834.728	224+00.00
323+37.27	105.00' RT.	9198	2058803.765	1084864.912	224+35.00
321+22.28	105.00' RT.	9199	2058595.353	1084812.136	226+50.00
323+72.27	60.00' RT.	9204	2058848.740	1084829.881	224+00.00
323+37.27	60.00' RT.	9205	2058814.811	1084821.289	224+35.00
321+22.28	60.00' RT.	9206	2058606.400	1084768.513	226+50.00
319+21.29	60.00' RT.	9207	2058411.560	1084719.174	228+51.00
324+65.18	65.00' RT.	9215	2058937.580	1084857.536	223+07.09
322+21.28	104.00' LT.	9225	2058742.630	1084633.834	225+51.00
321+65.28	104.00' LT.	9226	2058688.343	1084620.087	226+07.00
321+65.28	60.00' LT.	9227	2058677.541	1084662.744	226+07.00
322+21.28	64.90' LT.	9228	2058733.031	1084671.741	225+51.00
314+07.32	39.43' RT.	9321	2057918.367	1084573.061	233+65.00
322+12.28	72.00' RT.	9322	2058690.700	1084802.239	225+60.00
322+32.28	72.00' RT.	9323	2058710.088	1084807.149	225+40.00
322+32.28	37.44' RT.	9324	2058718.572	1084773.646	225+40.00
322+12.28	37.49' RT.	9325	2058699.172	1084768.783	225+60.00
323+57.27	60.00' RT.	9326	2058834.199	1084826.199	224+15.00
324+17.27	65.00' RT.	9327	2058891.136	1084845.775	223+55.00
324+17.27	38.71' RT.	9328	2058897.589	1084820.292	223+55.00
323+57.27	37.70' RT.	9330	2058839.674	1084804.582	224+15.00
325+52.26	51.00' RT.	9348	2059024.517	1084865.785	222+20.00
325+52.26	42.61' RT.	9349	2059026.700	1084857.683	222+20.00
326+97.26	55.00' RT.	9350	2059161.650	1084908.763	220+75.00
326+97.26	46.98' RT.	9351	2059163.932	1084901.074	220+75.00

See remainder of Parcel IDK0037 and total holding diagram on Sheet 19

CURVE TABLE

CURVE NO.	RADIUS	ARC	CHORD BEARING	CHORD LENGTH
1	5714.82'	746.73'	S 19°13'15" W	746.20'
2	5714.82'	806.74'	S 18°55'12" W	806.07'
3	5714.82'	886.89'	S 18°31'05" W	886.00'

PROP. CURVE 21-3
PI STA. = 330+80.73
Δ = 12° 15' 52" (RT)
R = 5,729.31'
D = 1° 00' 00"
L = 615.55'
T = 5,729.31'
E = 32.97'
S.E. RUN =
P.C. STA = 324+65.18
P.T. STA = 336+91.58



LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APL
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE
0 50.00
20.40
30.60
SCALE: 1" = 30'

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

IRON PIPE OR ROD FOUND
OUT CROSS FOUND OR SET

TI
T2
T3

BT1
BT2
BT3

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. STANDARD 2135 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
COUNTY OF)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 9, TOWNSHIP 44 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE 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 _____, ILLINOIS THIS _____ DAY OF _____, 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2012

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

RUETTIGER, TONELLI & ASSOCIATES, INC.
Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
2174 ONEIDA STREET
JOLIET, ILLINOIS 60435
PH. (815) 744-6600 FAX (815) 744-0101

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP 330 (IL 21)

RECEIVED
APR 27 2011
PLATS & LEGALS

SECTION: 128R-3 COUNTY: LAKE
PROJECT: JOB NO.: R-91-027-01
STATION 321+00 TO STATION 327+00
SCALE: 1"=30' SHEET 18 OF

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

REVISION: 4-22-11/DELETED 20PE-E, REVISED 20TE-F
REVISION: 4-13-11/ADDED 20PE-J, REVISED 20TE-F
REVISION: 3-28-11/REVISED 0020 PARCEL TABLE
REVISION: 3-25-11/REVISED 0020 PARCEL TABLE
ADD P.C.S. & REVISION T.E.'S FOR 0020 PER IDOT
TYP. IN TABLE
REVISE 0020TE-B & 0037; ADD 0036TE
UPDATED COORDINATE TABLE
REVISION ADDED GATE & POSTS

MADE BY TLW

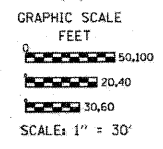
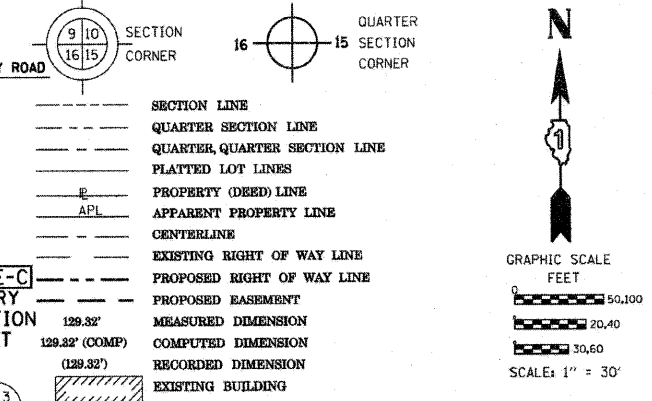
PART OF THE SE1/4 OF SECTION 5 AND THE SW1/4 OF SECTION 4, TWP. 44 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

LEGEND

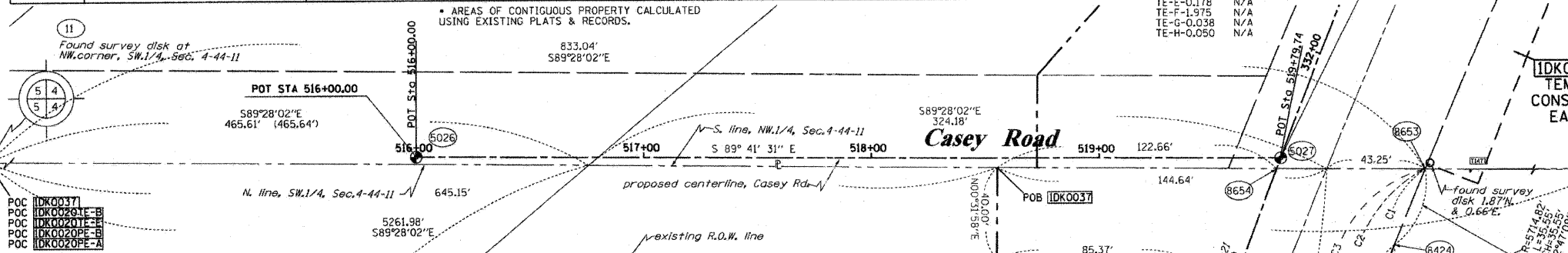
PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
IDK0020	LAKE COUNTY FOREST PRESERVE	*802.4±	0.000	N/A	*802.4+/-	**	***	PROP. ROW CONST.	11-04-300-010 11-04-300-013 11-04-300-003 11-09-100-001 thru 004 11-04-100-005	
IDK0037	THE TOWN OF LIBERTYVILLE	12.031	1.556	0.836	10.475	N/A	N/A	N/A	11-04-300-002	

- PE-A-0.009 391
- PE-B-0.028 N/A
- PE-C-0.035 N/A
- PE-D-0.015 N/A
- PE-E-0.075 N/A
- PE-F-0.024 N/A
- PE-G-0.597 N/A
- PE-H-0.914 N/A
- PE-I-0.058 N/A
- TE-A-3.539 N/A
- TE-B-0.040 N/A
- TE-C-0.213 N/A
- TE-D-0.085 N/A
- TE-E-0.178 N/A
- TE-F-1.975 N/A
- TE-G-0.038 N/A
- TE-H-0.050 N/A

SEE CONTINUATION ON SHEET 20
 POT STA 519+79.74 PROPOSED C CASEY ROAD
 POC STA 331+41.74 PROPOSED C IL 21



Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.



CURVE TABLE

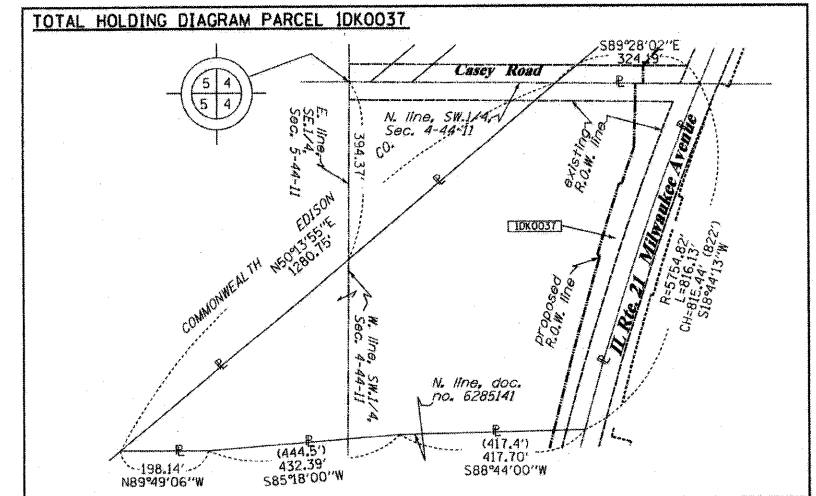
CURVE NO.	RADIUS	ARC	CHORD BEARING	CHORD LENGTH
1	5714.82'	319.61'	S 21°21'43" W	319.57'
2	5714.82'	340.43'	S 21°15'27" W	340.38'
3	5714.82'	468.38'	S 20°36'58" W	468.25'

COORDINATE TABLE

STATION	OFFSET	PTH	NORTH	EAST	PLAN STATION
11	2059609.938		1084232.941		
22	2059561.020		1089494.694		
330+24.97	356.56' LT.	5026	2059609.452	1084622.753	217+47.27
331+51.74	0.00' RT.	5027	2059607.412	1085002.490	216+20.49
324+65.18	70.00' LT.	5081	2058970.719	1084726.670	223+07.09
331+33.97	60.00' RT.	8424	2059569.417	1085052.178	216+38.26
330+67.79	101.44' LT.	8494	2059563.942	1084877.694	217+04.45
331+69.89	61.06' RT.	8653	2059602.194	1085065.946	216+02.34
331+46.80	0.00' RT.	8654	2059602.800	1085000.715	216+25.43
328+87.25	70.00' LT.	9189	2059380.638	1084846.700	218+85.00
329+72.24	70.00' LT.	9190	2059462.049	1084874.500	218+00.00
328+87.25	76.00' LT.	9191	2059382.536	1084841.004	218+85.00
327+22.25	76.00' LT.	9192	2059223.184	1084790.436	220+50.00
327+22.25	70.00' LT.	9193	2059221.451	1084796.181	220+50.00
329+02.25	70.00' RT.	9194	2059350.426	1084984.218	218+70.00
326+72.26	70.00' RT.	9195	2059133.693	1084916.168	221+00.00
329+02.25	60.00' RT.	9203	2059353.612	1084974.739	218+70.00
328+26.25	70.00' RT.	9344	2059279.111	1084960.769	219+46.00
328+26.25	50.85' RT.	9345	2059284.972	1084942.538	219+46.00
328+47.25	70.00' RT.	9346	2059298.847	1084967.154	219+25.00
328+47.25	51.48' RT.	9347	2059304.581	1084949.542	219+25.00
326+97.26	55.00' RT.	9350	2059161.650	1084908.763	220+75.00
326+97.26	46.98' RT.	9351	2059163.932	1084901.074	220+75.00

See remainder of Parcel IDK0037 on Sheet 18. See total holding diagram below.

NOTES:
 1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MUND BN34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.



- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- TI THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 THESE STAKES IN CULTIVATED AREAS REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- 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. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
) 155
 COUNTY OF)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89.) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 4 AND 5, TOWNSHIP 44 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE 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 _____, ILLINOIS THIS _____ DAY OF _____, 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
 LICENSE EXPIRATION DATE: 11-30-2012
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

RUETTIGER, TONELLI & ASSOCIATES, INC.
 Land Surveyors/Engineers/Planners/Landscape Architects/C.S. Consultants
 2174 ONEIDA STREET
 JOLIET, ILLINOIS 60435
 PH. (815) 744-6600 FAX (815) 744-0101

RECEIVED
 APR 27 2011
 PLATS & LEGALS

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 FAP 330 (IL 21)

SECTION: 128R-3 COUNTY: LAKE
 PROJECT JOB NO.: R-91-027-01
 STATION 327+00 TO STATION 332+00
 SCALE: 1"=30' SHEET 19 OF

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

SHEET 1 OF -- IS A COVER SHEET AND IS NOT RECORDED
 RT&A 2009-0927 CONTRACT NO. 60P33

PART OF THE NW1/4 OF SECTION 4, TWP. 44 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1DK0020	LAKE COUNTY FOREST PRESERVE	*802.4±	0.000	N/A	*802.4+/-	**	***	PROV. ROW CONST.	11-04-300-010 11-04-300-013 11-04-300-003 11-09-100-001 thru 004 11-04-100-005	
1DK0038	THE TOWN OF LIBERTYVILLE	1.217	0.547	0.085	0.670	N/A	N/A	N/A	11-04-100-019	
1DK0039	COMMONWEALTH EDISON COMPANY	25.014	N/A	1.220	25.014	PE=2.118 TE=0.041	N/A	ROW CONST.	11-04-100-010	

NOTES:
1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MUND 8M34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.

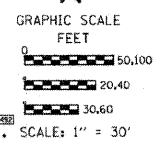
COORDINATE TABLE

STATION	OFFSET	PTH	NORTH	EAST	PLAN STATION
			11 2059609.938	1084232.941	
			22 2059561.020	1089494.694	
336+91.58	0.00' RT.	5010	2060101.250	1085220.047	210+80.63
330+24.97	356.56' LT.	5026	2059609.452	1084622.753	217+47.27
331+51.74	0.00' RT.	5027	2059607.412	1085002.490	216+20.49
340+82.07	70.00' LT.	5070	2060481.999	1085331.475	206+90.12
346+91.58	70.00' LT.	5071	2060132.455	1085157.391	210+80.63
336+42.21	70.00' LT.	5072	2060087.634	1085135.309	211+30.00
336+17.22	48.50' LT.	5073	2060055.529	1085143.640	211+54.99
335+42.22	50.00' LT.	5074	2059987.817	1085109.892	212+30.00
335+22.22	70.00' LT.	5075	2059977.899	1085083.247	212+50.00
335+59.78	7.88' LT.	8554	2059985.956	1085155.516	212+12.43
337+39.73	72.91' RT.	8559	2060111.850	1085306.778	210+32.48
331+11.54	96.04' LT.	8562	2059603.752	1084898.313	216+60.70
334+31.67	70.00' LT.	8564	2059894.381	1085045.487	213+40.55
331+46.80	0.00' RT.	8654	2059602.800	1085000.715	216+25.43
337+67.20	85.00' RT.	9175	2060131.051	1085329.847	210+05.00
332+60.23	70.00' LT.	9183	2059734.673	1084977.631	215+12.00
331+47.40	112.60' LT.	9184	2059643.777	1084895.835	216+24.83
331+72.23	85.00' RT.	9185	2059595.666	1085089.096	216+00.00
335+00.71	70.72' RT.	9186	2059899.611	1085202.140	212+71.51
331+72.23	61.13' RT.	9187	2059604.330	1085066.852	216+00.00
336+91.58	85.00' RT.	9188	2060063.357	1085296.133	210+80.63

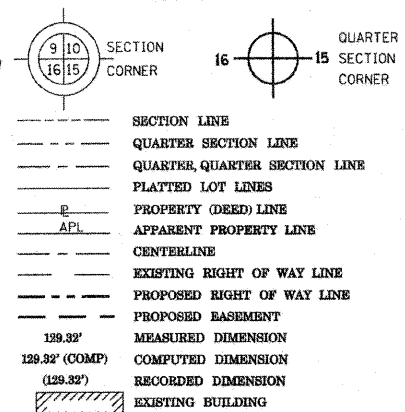
REFERENCE TIE TABLE

FROM	BEARING/ANGLE	DISTANCE	TO	DESCRIPTION	**	***
6010	SW 81°01'38"	157.88	1492	REBAR WITH CAP	PE-A-0.009	391
6010	SE 00°51'01"	266.85	1519	5/8" REBAR	PE-B-0.028	N/A
6010	SE 01°12'28"	127.06	1521	5/8" REBAR	PE-C-0.035	N/A
6071	SW 59°08'12"	108.72	1492	REBAR WITH CAP	PE-D-0.016	N/A
6071	SE 29°34'32"	227.64	1520	5/8" REBAR	PE-E-0.075	N/A
6071	SE 62°01'50"	197.02	1521	5/8" REBAR	PE-F-0.024	N/A
6072	SW 81°12'47"	72.06	1492	REBAR WITH CAP	PE-G-0.024	N/A
6072	SW 81°12'47"	72.06	1492	REBAR WITH CAP	PE-H-0.597	N/A
6072	SW 78°21'40"	201.78	1521	5/8" REBAR	PE-I-0.414	N/A
6073	SW 51°12'35"	45.72	1491	REBAR WITH CAP	PE-J-0.058	N/A
6073	SE 46°10'19"	174.81	1520	5/8" REBAR	TE-A-3.539	N/A
6073	SE 85°17'19"	188.39	1521	5/8" REBAR	TE-B-0.040	N/A
6074	SE 04°06'10"	278.02	1478	REBAR WITH CAP	TE-C-0.213	N/A
6074	NW 27°16'46"	98.92	1492	REBAR WITH CAP	TE-D-0.085	N/A
6074	SE 71°32'47"	166.53	1520	5/8" REBAR	TE-E-0.178	N/A
6075	SE 09°52'22"	271.41	1478	REBAR WITH CAP	TE-F-1.975	N/A
6075	NW 10°58'42"	100.57	1492	REBAR WITH CAP	TE-G-0.038	N/A
6075	SE 76°53'34"	191.49	1520	5/8" REBAR	TE-H-0.050	N/A
9183	SE 38°59'14"	171.84	1477	REBAR WITH CAP		
9183	SE 80°58'30"	154.06	1478	REBAR WITH CAP		
9183	NE 67°57'24"	265.81	1519	5/8" REBAR		
9184	SE 77°20'10"	194.64	1477	REBAR WITH CAP		
9184	NE 74°04'49"	243.28	1478	REBAR WITH CAP		
9184	NE 59°50'42"	379.54	1519	5/8" REBAR		

See remainder of Parcel 1DK0039 on Sheet 21.
See total holding diagram below.



LEGEND



Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

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

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

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

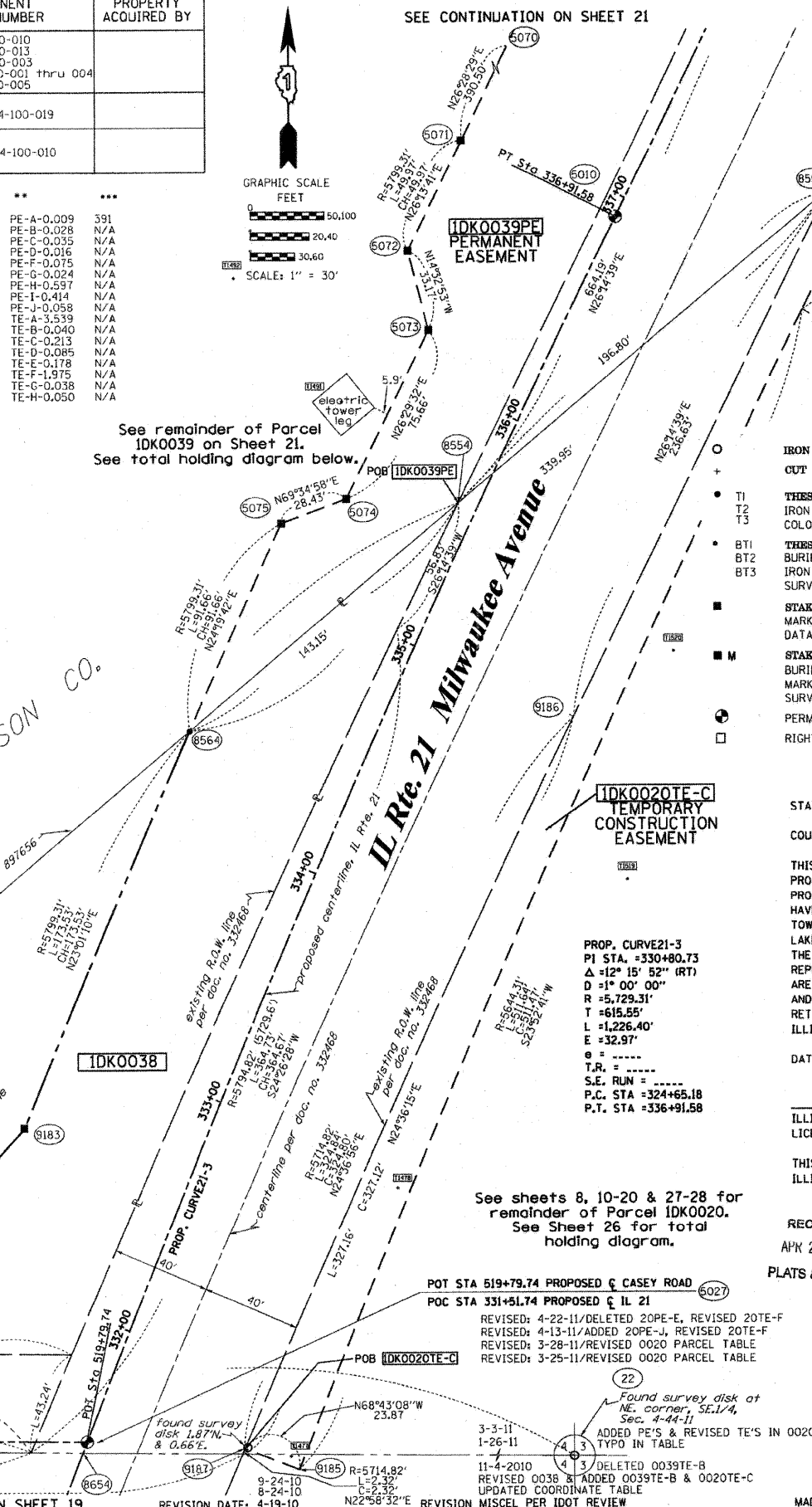
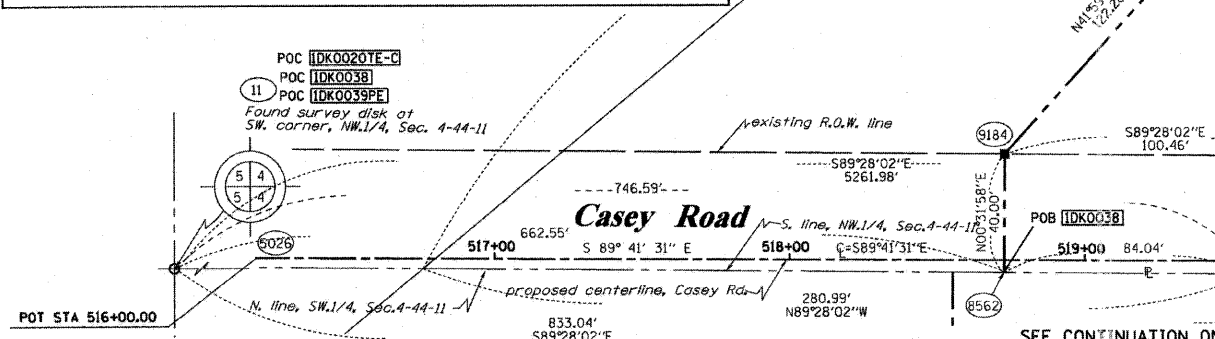
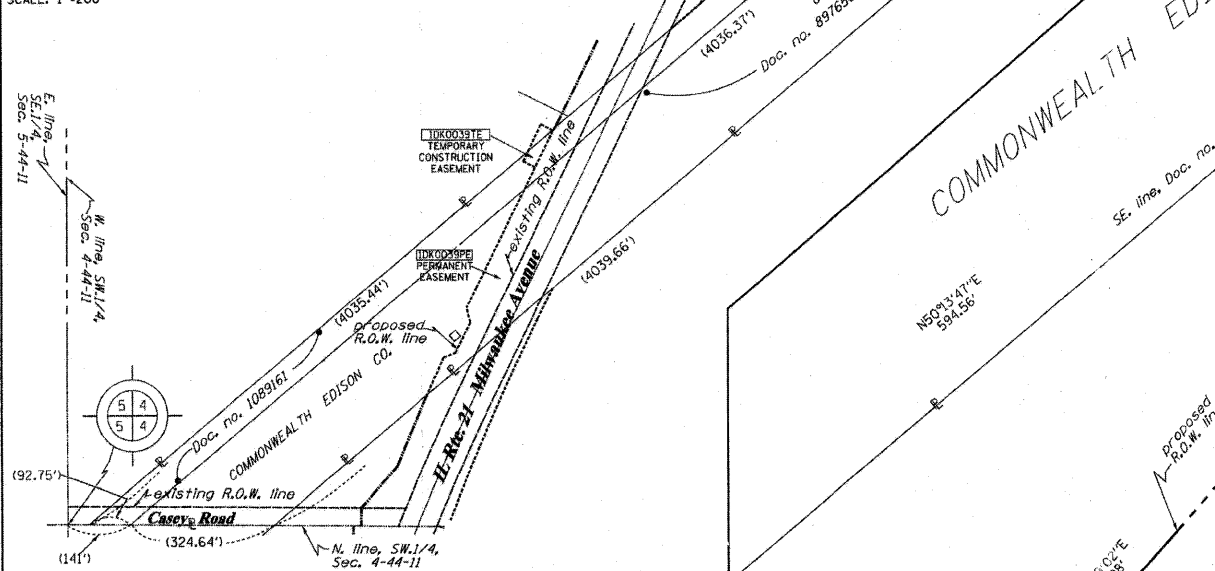
BT2 STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

BT3 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.

M PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
R RIGHT OF WAY STAKING PROPOSED TO BE SET

TOTAL HOLDING DIAGRAM PARCEL 1DK0039

SCALE: 1"=200'



PROP. CURVE 21-3
P1 STA. =330+80.73
A =12° 15' 52" (RT)
D =1° 00' 00"
R =5,729.31'
T =615.55'
L =1,226.40'
E =32.97'
e =
T.R. =
S.E. RUN =
P.C. STA =324+65.18
P.T. STA =336+91.58

See sheets 8, 10-20 & 27-28 for remainder of Parcel 1DK0020.
See Sheet 26 for total holding diagram.

POT STA 519+79.74 PROPOSED CASEY ROAD
POB STA 331+51.74 PROPOSED IL 21
REVISED: 4-22-11/DELETED 20PE-E, REVISED 20TE-F
REVISED: 4-13-11/ADDED 20PE-J, REVISED 20TE-F
REVISED: 3-28-11/REVISED 0020 PARCEL TABLE
REVISED: 3-25-11/REVISED 0020 PARCEL TABLE

RECEIVED
APR 27 2011

PLATS & LEGALS

RUETTIGER, TONELLI & ASSOCIATES, INC.
Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
2174 ONIDA STREET
COLETT, ILLINOIS 60439
PH (815) 744-8600 FAX (815) 744-0101

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP 330 (IL 21)

SECTION: 128R-3 COUNTY: LAKE
PROJECT JOB NO.: R-91-027-01
STATION 332+00 TO STATION 337+00
SCALE: 1"=30' SHEET 20 OF

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

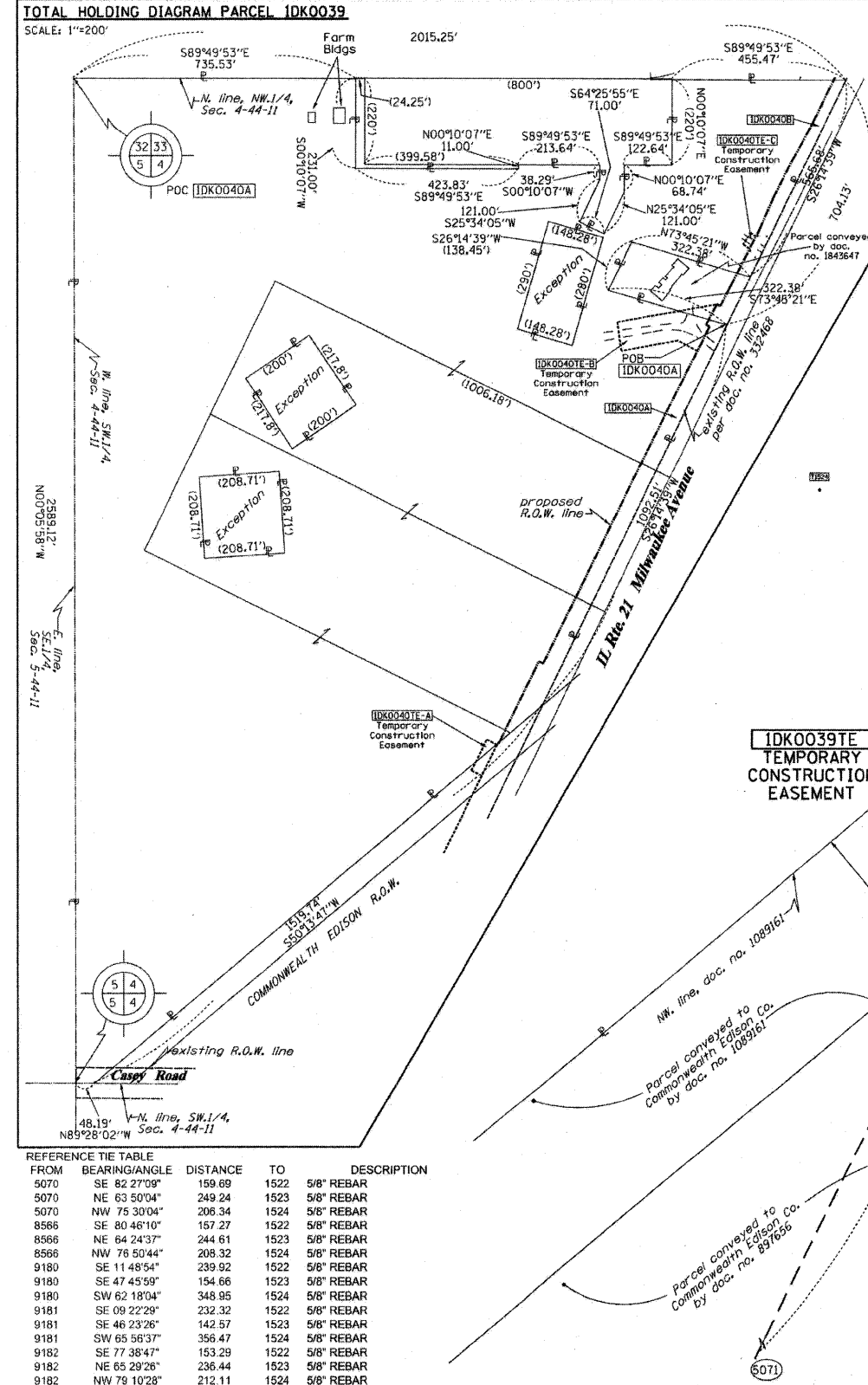
PART OF THE NW1/4 OF SECTION 4, TWP. 44 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
IDK0039	COMMONWEALTH EDISON COMPANY	25.014	N/A	1.220	25.014	PE-2.118 TE-0.041	N/A	R.O.W.	11-04-100-010	
IDK0040	THE TOWN OF LIBERTYVILLE	65.528	A-1.206 B-0.423	N/A	63.899	TE-A-0.021 TE-B-0.396 TE-C-0.015	N/A	CONST.	11-04-100-022 11-04-100-030 11-04-100-032	

NOTES:
1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MUND BM34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.

COORDINATE TABLE

STATION	OFFSET	PTH	NORTH	EAST	PLAN STATION
349+28.96	55.00' LT.	5064	2061233.383	1085722.446	198+43.19
340+82.07	70.00' LT.	5070	2060481.999	1085331.475	206+90.12
236+91.58	70.00' LT.	5071	2060132.455	1085157.391	210+80.63
337+39.73	72.91' RT.	8559	2060111.850	1085306.778	210+32.48
344+03.92	70.23' RT.	8560	2060707.578	1085600.482	203+68.25
340+87.25	59.13' LT.	8566	2060486.251	1085334.556	206+84.94
339+92.07	70.00' LT.	8567	2060401.437	1085291.353	207+80.12
339+92.07	100.00' LT.	8568	2060414.811	1085264.499	207+80.12
340+17.13	100.00' LT.	8569	2060437.240	1085275.669	207+55.06
340+82.07	100.00' LT.	8570	2060495.373	1085304.621	206+90.12
340+82.07	71.41' LT.	8571	2060482.631	1085330.207	206+90.12
337+39.73	72.91' RT.	8559	2060111.850	1085306.778	210+32.48
344+03.92	70.23' RT.	8560	2060707.578	1085600.482	203+68.25
344+82.91	105.00' RT.	9172	2060762.788	1085666.816	202+89.26
341+72.19	35.00' RT.	9173	2060493.568	1085510.393	206+00.00
341+72.19	105.00' RT.	9174	2060484.652	1085528.295	206+00.00
337+67.20	85.00' RT.	9175	2060131.051	1085329.847	210+05.00
343+22.18	57.60' LT.	9180	2060695.858	1085440.662	204+50.00
343+22.18	55.00' LT.	9181	2060690.240	1085451.943	204+50.00
340+96.47	57.60' LT.	9182	2060493.821	1085340.040	206+75.72



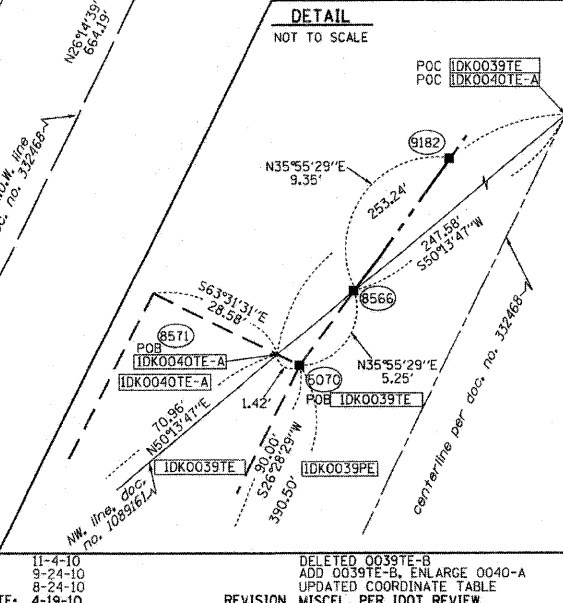
See remainder of Parcel IDK0040 on Sheets 22-24. See total holding diagram to left.

SEE DETAIL BELOW

IDK0040TE-A
TEMPORARY CONSTRUCTION EASEMENT

IDK0039TE
TEMPORARY CONSTRUCTION EASEMENT

IDK0039PE
PERMANENT EASEMENT

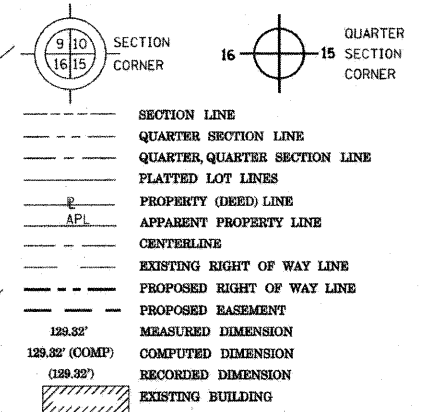


REFERENCE TIE TABLE

FROM	BEARING/ANGLE	DISTANCE	TO	DESCRIPTION
5070	SE 82°27'09"	159.69	1522	5/8" REBAR
5070	NE 63°50'04"	249.24	1523	5/8" REBAR
5070	NW 75°30'04"	206.34	1524	5/8" REBAR
8566	SE 80°46'10"	157.27	1522	5/8" REBAR
8566	NE 64°24'37"	244.61	1523	5/8" REBAR
8566	NW 76°50'44"	208.32	1524	5/8" REBAR
9180	SE 11°48'54"	239.92	1522	5/8" REBAR
9180	SE 47°45'59"	154.66	1523	5/8" REBAR
9180	SW 62°18'04"	348.95	1524	5/8" REBAR
9181	SE 09°22'29"	232.32	1522	5/8" REBAR
9181	SE 46°23'26"	142.57	1523	5/8" REBAR
9181	SW 65°56'37"	356.47	1524	5/8" REBAR
9182	SE 77°38'47"	153.29	1522	5/8" REBAR
9182	NE 65°29'26"	236.44	1523	5/8" REBAR
9182	NW 79°10'28"	212.11	1524	5/8" REBAR

SEE CONTINUATION ON SHEET 22

LEGEND



Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- IRON PIPE OR ROD FOUND
- "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
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- 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. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
COUNTY OF)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 4, TOWNSHIP 44 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE 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 _____, ILLINOIS THIS _____ DAY OF _____, 20____ A.D.

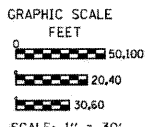
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2010

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

RECEIVED: NOV 08 2010
RUETTIGER, TONELLI & ASSOCIATES, INC.
Land Surveyors/Engineers/Planners/Landscape Architects/G.I.R. Consultants
2174 ONEIDA STREET
JOLIET, ILLINOIS 60438
PH: (815) 744-6600 FAX: (815) 744-0101

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP 330 (IL 21)

SECTION: 128R-3 COUNTY: LAKE
PROJECT JOB NO.: R-91-027-01
STATION 338+00 TO STATION 344+00
SCALE: 1"=30' SHEET 21 OF



SCALE: 1" = 30'
MADE BY TLW

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

PART OF THE NW1/4 OF SECTION 4, TWP. 44 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1DK0040	THE TOWN OF LIBERTYVILLE	65.528	A-1.206 B-0.423	N/A	63.899	TE-A-0.021 TE-B-0.396 TE-C-0.015	CONST.	11-04-100-022 11-04-100-030 11-04-100-032	
1DK0042	LAKE COUNTY FOREST PRESERVE DISTRICT	*120.16	N/A	N/A	*120.16	PE-A-0.623 PE-B-0.021 PE-C-0.008 TE-A-9.578 TE-B-1.140	DRAINAGE DRAINAGE DRAINAGE CONST. CONST.	11-04-100-005 07-33-400-013 07-33-400-015 07-33-400-018 07-33-400-007 07-34-100-021 07-33-200-018 07-34-300-001	

NOTES:
1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MUND 8M34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.

COORDINATE TABLE

STATION	OFFSET	PTH	NORTH	EAST	PLAN STATION
349+28.96	0.00' RT.	5009	2061208.864	1085771.676	198+43.19
352+92.14	55.00' LT.	5063	2061557.959	1085887.319	194+79.99
349+28.96	55.00' LT.	5064	2061233.383	1085722.446	198+43.19
344+03.92	70.23' RT.	8560	2060707.578	1085600.482	203+68.25
349+28.96	105.00' RT.	9167	2061162.055	1085865.665	198+43.19
354+07.68	105.00' RT.	9171	2061586.366	1086082.546	193+64.45
344+82.91	105.00' RT.	9172	2060762.788	1085666.816	202+89.26
353+22.13	63.18' RT.	9340	2061530.155	1086006.026	194+50.00

FROM	BEARING/ANGLE	DISTANCE	TO	DESCRIPTION
5009	SE 56°57'53"	86.32	1516	5/8" REBAR WITH YELLOW CAP
5009	SE 10°03'21"	133.89	1517	5/8" REBAR WITH YELLOW CAP
5009	NE 73°52'13"	124.62	1518	5/8" REBAR WITH YELLOW CAP
5064	SE 69°31'02"	141.10	1516	5/8" REBAR WITH YELLOW CAP
5064	SE 24°54'34"	172.39	1517	5/8" REBAR WITH YELLOW CAP
5064	NE 86°34'40"	169.25	1518	5/8" REBAR WITH YELLOW CAP

See remainder of Parcel 1DK0040 on Sheets 21, 23 & 24. See total holding diagram below on Sheet 21.

SEE CONTINUATION ON SHEET 23

LEGEND

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPI APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

GRAPHIC SCALE
FEET
0 20.00 40.00 60.00
SCALE: 1" = 30'

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8" INCH IRON ROD FLUSH WITH GROUND TO 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
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- ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
COUNTY OF)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 4, TOWNSHIP 44 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE 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 _____, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2012

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

RUETTIGER, TONELLI & ASSOCIATES, INC.
Lead Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
2174 ONEIDA STREET
JOLIET, ILLINOIS 60438
PH. 815 741-6500 FAX 815 744-0101

RECEIVED
MAR 04 2011
PLATS & LEGALS

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP 330 (IL 21)

SECTION: 128R-3 COUNTY: LAKE
PROJECT JOB NO.: R-91-027-01
STATION 345+00 TO STATION 351+00
SCALE: 1"=30' SHEET 22 OF

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

3-1-11
2-22-11
9-28-10
8-24-10

ADDED PE'S TO 0042, REVISED TE'S PER IDOT
REVISED ACREAGE 0042TE
UPDATED COORDINATE TABLE
REVISION UPDATED COORDINATE TABLE

TLW
TLW
TLW
MADE BY TLW

PART OF THE NW1/4 OF SECTION 4, TWP. 44 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
IDK0040	THE TOWN OF LIBERTYVILLE	65.528	A-1.206 B-0.423	N/A	63.899	TE-A-0.021 TE-B-0.396 TE-C-0.015	N/A	CONST.	11-04-100-022 11-04-100-030 11-04-100-032	
IDK0041	LYNN M. EGIDI, TRUSTEE UNDER THE LYNN M. EGIDI DECLARATION OF TRUST DATED 6-21-06	1.009	0.127	N/A	0.882	0.042	N/A	CONST.	11-04-100-004	
IDK0042	LAKE COUNTY FOREST PRESERVE DISTRICT	*120.16	N/A	N/A	*120.16	PE-A-0.623 PE-B-0.021 PE-C-0.008 TE-A-9.878 TE-B-1.140	363 s.f.	DRAINAGE DRAINAGE DRAINAGE CONST. CONST.	07-33-400-005 07-33-400-016 07-33-400-018 07-33-400-007 07-34-100-021 07-33-200-018 07-34-300-001	

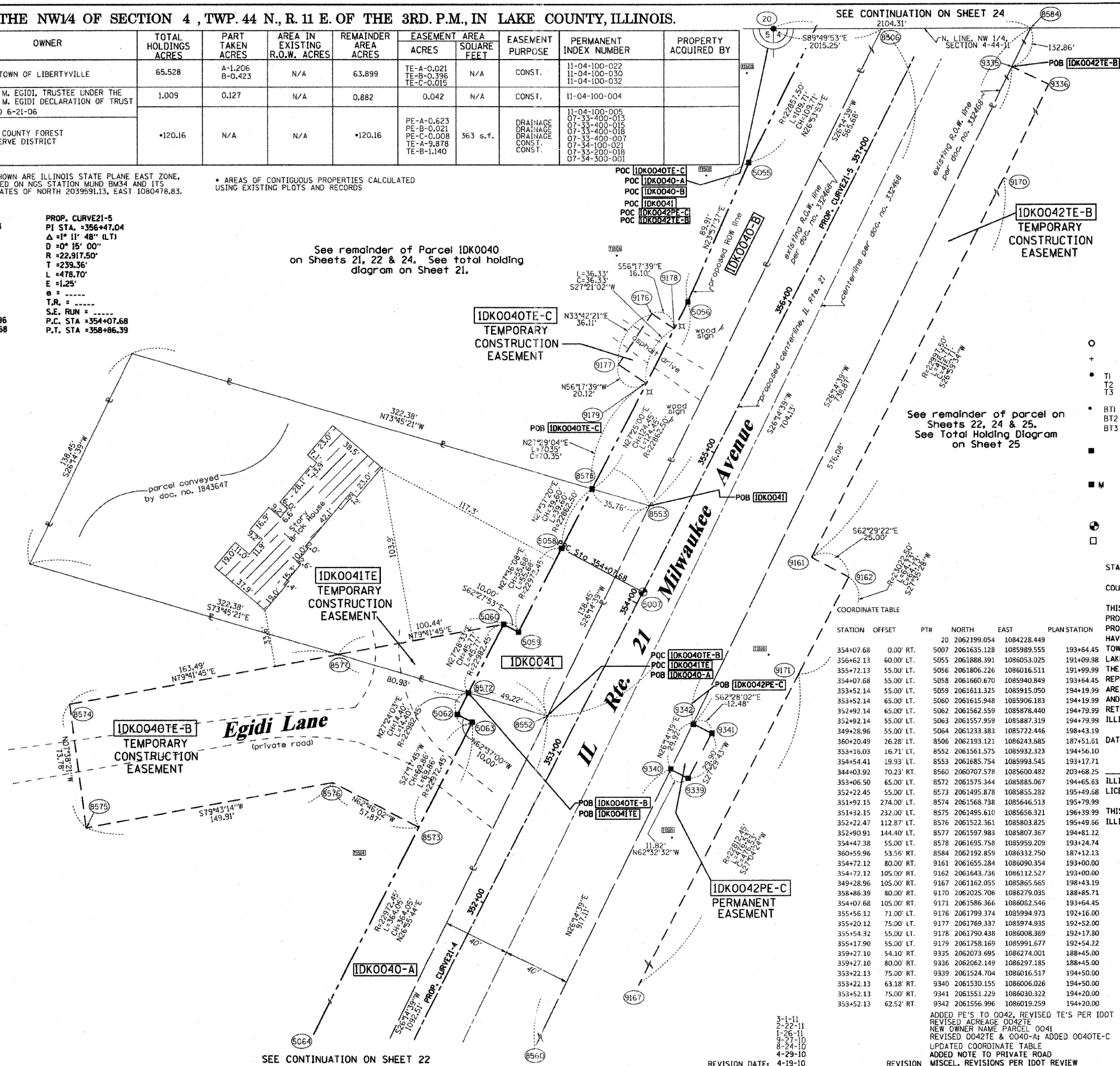
NOTES:
1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MUND BM34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.

* AREAS OF CONTIGUOUS PROPERTIES CALCULATED USING EXISTING PLOTS AND RECORDS

PROP. CURVE21-4
PI STA. = 351+68.33
Δ = 1° 11' 49" (RT)
D = 0° 15' 00"
R = 22,917.45'
T = 239.37'
L = 478.73'
E = 1.25'
T.R. = -----
S.E. RUN = -----
P.C. STA = 349+28.96
P.T. STA = 354+07.68

PROP. CURVE21-5
PI STA. = 356+47.04
Δ = 1° 11' 48" (LT)
D = 0° 15' 00"
R = 22,917.50'
T = 239.36'
L = 478.70'
E = 1.25'
T.R. = -----
S.E. RUN = -----
P.C. STA = 354+07.68
P.T. STA = 358+86.39

See remainder of Parcel IDK0040 on Sheets 21, 22 & 24. See total holding diagram on Sheet 21.



LEGEND

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

SECTION CORNER 16 15 QUARTER SECTION CORNER

GRAPHIC SCALE
0 50.00
20.40
30.60
SCALE: 1" = 30'

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
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- T3
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- BT3
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- ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

COORDINATE TABLE

STATION	OFFSET	PTH	NORTH	EAST	PLAN STATION
20			2062199.054	1084228.449	
354+07.68	0.00' RT.	5007	2061635.128	1085989.555	193+64.45
356+62.13	60.00' LT.	5055	2061888.391	1086053.025	191+09.98
355+72.13	55.00' LT.	5056	2061806.226	1086016.511	191+99.99
354+07.68	55.00' LT.	5058	2061660.670	1085940.849	193+64.45
353+52.14	55.00' LT.	5059	2061611.325	1085915.050	194+19.99
353+52.14	65.00' LT.	5060	2061615.948	1085906.183	194+19.99
352+92.14	65.00' LT.	5062	2061562.559	1085878.440	194+79.99
352+92.14	55.00' LT.	5063	2061557.959	1085887.319	194+79.99
349+28.96	55.00' LT.	5064	2061233.383	1085722.446	198+43.19
360+20.49	26.28' LT.	8506	2062193.121	1086243.685	187+51.61
353+16.03	16.71' LT.	8552	2061561.575	1085932.323	194+56.10
354+54.41	19.93' LT.	8553	2061685.754	1085993.545	193+17.71
344+03.92	70.23' RT.	8560	2060707.578	1085600.482	203+68.25
353+06.50	65.00' LT.	8572	2061575.344	1085885.067	194+65.63
352+22.45	55.00' LT.	8573	2061495.878	1085855.282	195+49.68
351+92.15	274.00' LT.	8574	2061568.738	1085846.513	195+79.99
351+92.15	232.00' LT.	8575	2061495.610	1085656.321	196+39.99
352+22.47	112.87' LT.	8576	2061522.361	1085803.825	195+49.66
352+90.91	144.40' LT.	8577	2061597.983	1085807.367	194+81.22
354+47.38	55.00' LT.	8578	2061695.758	1085959.209	193+24.74
360+59.96	53.56' RT.	8584	2062192.859	1086332.750	187+12.13
354+72.12	80.00' RT.	9161	2061655.284	1086090.354	193+00.00
354+72.12	105.00' RT.	9162	2061643.736	1086112.527	193+00.00
349+28.96	105.00' RT.	9167	2061162.055	1085865.665	198+43.19
358+86.39	80.00' RT.	9170	2062025.706	1086279.035	188+85.71
354+07.68	105.00' RT.	9171	2061586.366	1086082.546	193+64.45
355+56.12	71.00' LT.	9176	2061799.374	1085994.973	192+16.00
355+20.12	75.00' LT.	9177	2061769.337	1085974.935	192+52.00
355+54.32	55.00' LT.	9178	2061790.438	1086008.369	192+17.80
355+17.90	55.00' LT.	9179	2061758.169	1085991.677	192+54.22
359+27.10	54.10' RT.	9335	2062073.695	1086274.001	188+45.00
359+27.10	80.00' RT.	9336	2062062.149	1086297.185	188+45.00
353+22.13	75.00' RT.	9339	2061524.704	1086016.517	194+50.00
353+22.13	63.18' RT.	9340	2061530.155	1086006.026	194+50.00
353+52.13	75.00' RT.	9341	2061551.229	1086030.322	194+20.00
353+52.13	62.52' RT.	9342	2061556.996	1086019.259	194+20.00

STATE OF ILLINOIS)
COUNTY OF)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 4, TOWNSHIP 44 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE 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 RE-TRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

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

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2012

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

RECEIVED
MAR 04 2011
PLATS & LEGALS

RUETTIGER, TONELLI & ASSOCIATES, INC.
Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
214 ONEIDA STREET
JOLIET, ILLINOIS 60438
PH. (815) 744-6600 FAX (815) 744-0101

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP 330 (IL 21)

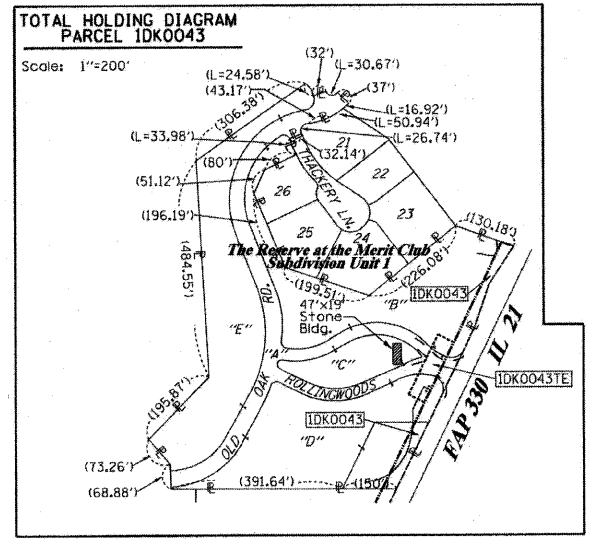
SECTION: 128R-3 COUNTY: LAKE
PROJECT JOB NO.: R-91-027-01
STATION 351+00 TO STATION 357+00
SCALE: 1"=30' SHEET 23 OF

BUREAU OF LAND ACQUISITION
201 WEST CENT STREET
SCHAUMBURG, ILLINOIS 60196

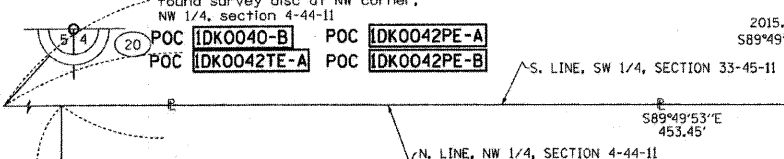
PART OF THE NW1/4 OF SECTION 4, TWP. 44 N., R. 11 E. & PART OF SW1/4 OF SECTION 33, TWP. 45 N., R. 11 E., OF THE 3RD. P.M. IN LAKE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT		EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
						ACRES	SQUARE FEET			
IDK0040	THE TOWN OF LIBERTYVILLE	65.528	A-1.206 B-0.423	N/A	63.899	TE-A-0.021 TE-B-0.396 TE-C-0.015	N/A	CONST.	11-04-100-022 11-04-100-030 11-04-100-032	
IDK0042	LAKE COUNTY FOREST PRESERVE DISTRICT	*120.16±	N/A	N/A	*120.16±	PE-A-0.623 PE-B-0.021 PE-C-0.008 TE-A-9.878 TE-B-1.140	363 s.f.	DRAINAGE DRAINAGE CONST.	11-04-100-005 & 07-33-400-013	
IDK0043	THE RESERVE AT THE MERIT CLUB NO. 1 ASSOCIATION, INC.	*9.74±	0.360	N/A	9.38		0.138	N/A	07-33-300-012 07-33-301-028 07-33-302-001 07-33-303-001 07-33-301-001 07-33-304-001	

NOTES:
1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MUND 8M34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.
* AREAS OF CONTIGUOUS PROPERTY CALCULATED USING EXISTING PLATS & RECORDS.



Parcel D
The Reserve at the Merit Club Subdivision Unit 1
Rec'd Jan. 28, 1993 as doc. no. 3278989



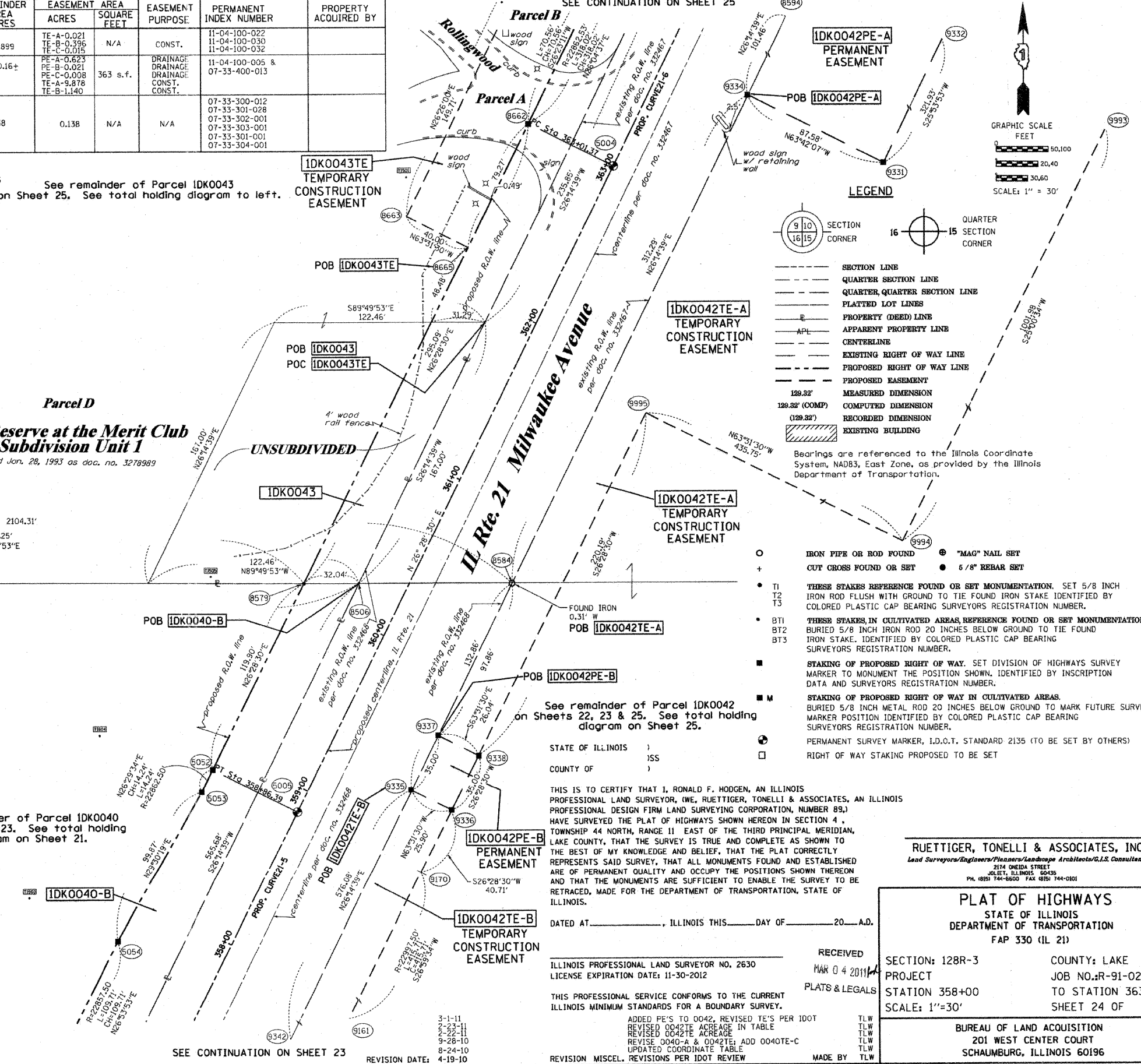
COORDINATE TABLE

STATION	OFFSET	PTH	NORTH	EAST	PLAN STATION
363+01.37	0.00' RT.	20	2062199.054	1084228.449	184+70.71
358+86.39	0.00' RT.	5005	2062061.371	1086207.424	188+85.71
358+86.39	55.00' LT.	5052	2062085.889	1086158.195	188+85.71
358+72.11	55.00' LT.	5053	2062073.143	1086151.842	188+99.99
357+72.12	60.00' LT.	5054	2061986.229	1086102.657	189+99.99
344+03.92	70.23' RT.	8560	2060707.578	1085600.482	203+68.25
360+20.49	26.28' LT.	8506	2062193.121	1085243.685	187+51.61
360+06.29	55.00' LT.	8579	2062193.216	1086211.647	187+65.81
360+59.96	53.56' RT.	8584	2062192.859	1086332.750	187+12.13
364+73.31	52.54' RT.	8586	2062563.955	1086515.707	182+98.76
364+73.31	52.54' RT.	8594	2062563.955	1086515.707	182+98.76
363+01.37	55.00' LT.	8662	2062457.357	1086343.196	184+70.71
362+22.10	95.00' LT.	8663	2062404.228	1086272.050	185+49.99
362+22.10	55.00' LT.	8665	2062386.396	1086307.855	185+49.99
354+72.12	80.00' RT.	9161	2061655.284	1086090.354	193+00.00
358+86.39	80.00' RT.	9170	2062025.706	1086279.035	188+85.71
371+82.34	500.00' RT.	9993	2063004.347	1087224.606	175+89.70
361+82.29	515.75' RT.	9994	2062096.317	1086801.003	185+89.80
361+82.29	80.00' RT.	9995	2062290.577	1086410.950	185+89.80
363+72.08	140.00' RT.	9331	2062434.151	1086549.361	184+00.00
366+92.06	140.00' RT.	9332	2062723.752	1086689.973	180+80.00
363+72.08	52.42' RT.	9334	2062472.954	1086470.842	184+00.00
359+27.10	54.10' RT.	9335	2062073.695	1086274.001	188+45.00
359+27.10	80.00' RT.	9336	2062062.149	1086297.185	188+45.00
359+62.10	53.96' RT.	9337	2062105.088	1086289.478	188+10.00
359+62.10	80.00' RT.	9338	2062093.479	1086312.788	188+10.00

See remainder of Parcel IDK0040 on Sheets 21-23. See total holding diagram on Sheet 21.

PROP. CURVE21-5
PI STA. = 356+47.04
Δ = 1° 11' 48" (L)
D = 0° 15' 00"
R = 2291.753'
T = 239.37'
L = 478.72'
E = -1.25'
T.R. = -----
S.E. RUN = -----
P.C. STA = 363+01.37
P.T. STA = 367+80.09

PROP. CURVE21-6
PI STA. = 365+40.74
Δ = 1° 11' 49" (L)
D = 0° 15' 00"
R = 2291.753'
T = 239.37'
L = 478.72'
E = -1.25'
T.R. = -----
S.E. RUN = -----
P.C. STA = 363+01.37
P.T. STA = 367+80.09

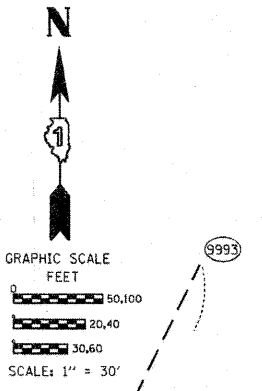


LEGEND

- SECTION CORNER
- QUARTER CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- BT1 THESE STAKES IN CULTIVATED AREAS REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET



RUETTIGER, TONELLI & ASSOCIATES, INC.
Lead Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
2114 ONIDA STREET
JOLIET, ILLINOIS 60435
PH. (815) 744-6000 FAX (815) 744-0101

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP 330 (IL 21)

SECTION: 128R-3 COUNTY: LAKE
PROJECT JOB NO.: R-91-027-01
STATION 358+00 TO STATION 363+00
SCALE: 1"=30' SHEET 24 OF

RECEIVED
MAR 04 2011
PLATS & LEGALS

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2012

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

ADDED PE'S TO 0042, REVISED TE'S PER IDOT
REVISED 0042TE ACREAGE IN TABLE
REVISED 0042TE ACREAGE
REVISE 0040-A & 0042TE; ADD 0040TE-C
UPDATED COORDINATE TABLE

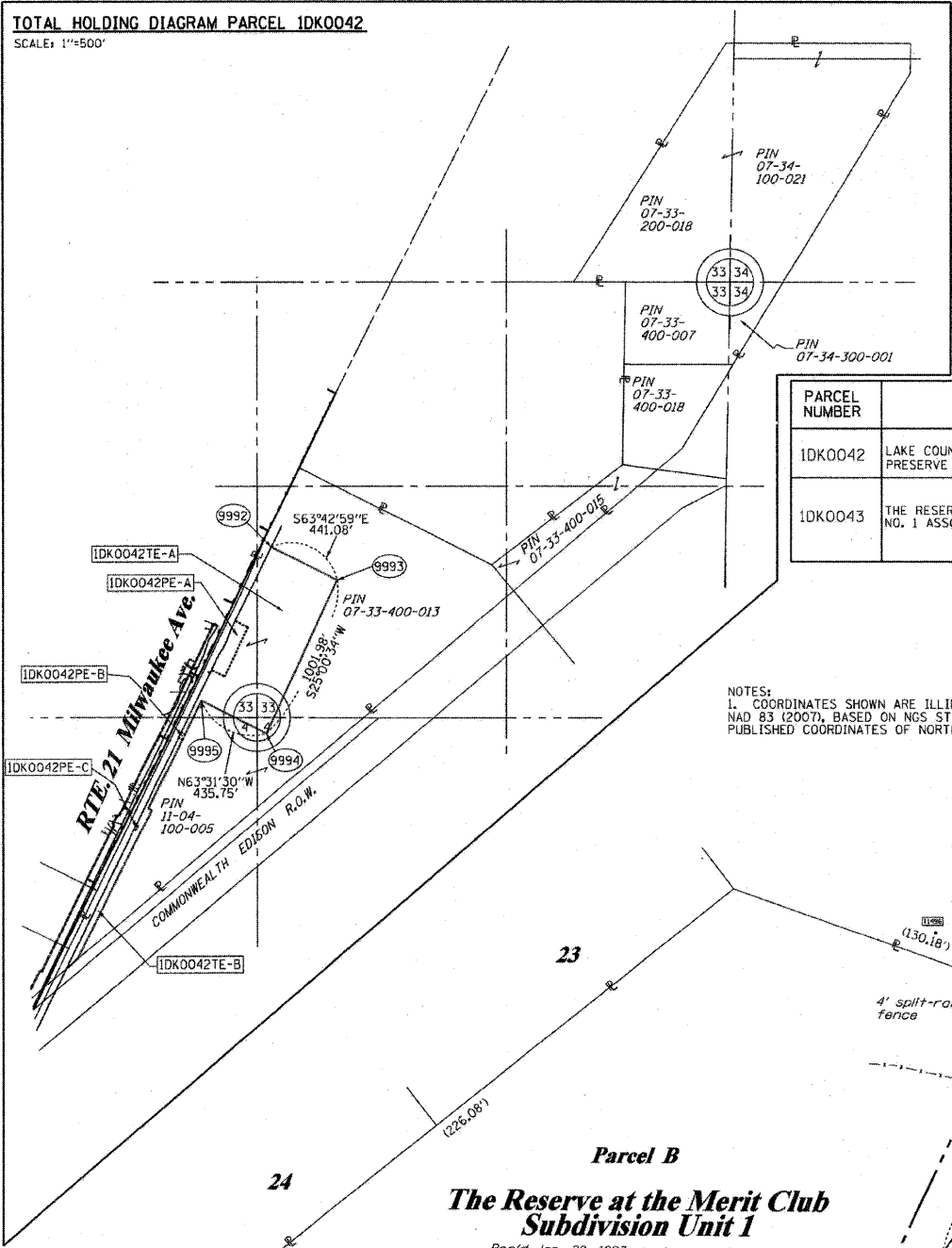
REVISION MISCEL. REVISIONS PER IDOT REVIEW MADE BY TLW

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

PART OF THE SW4 OF SECTION 33, TWP. 45 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

TOTAL HOLDING DIAGRAM PARCEL 1DK0042

SCALE: 1"=500'



PROP. CURVE 21-7
 PI STA. = 370+19.46
 $\Delta = 1^\circ 11' 49''$ (RT)
 $D = 0^\circ 15' 00''$
 $R = 22,916.89'$
 $T = 239.36'$
 $L = 478.71'$
 $E = 1.25'$
 $\theta = \dots$
 $T.R. = \dots$
 $S.E. RUN = \dots$
 $P.C. STA = 367+80.09$
 $P.T. STA = 372+58.80$

- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- "MAG" NAIL SET
- 5/8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE
 FEET
 0 50, 100, 20, 40, 30, 60
 SCALE: 1" = 30'

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1DK0042	LAKE COUNTY FOREST PRESERVE DISTRICT	*120.16±	N/A	N/A	*120.16±	PE-A-0.623 PE-B-0.021 PE-C-0.008 TE-A-9.878 TE-B-1.140	363 s.f.	DRAINAGE DRAINAGE CONST. CONST.	11-04-100-005 & 07-33-400-013	
1DK0043	THE RESERVE AT THE MERIT CLUB NO. 1 ASSOCIATION, INC.	*9.74±	0.360	N/A	9.38	0.138	N/A	N/A	07-33-300-012 07-33-301-028 07-33-302-001 07-33-303-001 07-33-301-001 07-33-304-001	

AREAS OF CONTIGUOUS PROPERTY CALCULATED USING EXISTING PLATS & RECORDS.

NOTES:
 1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MUND BM34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.

STATE OF ILLINOIS)
) SS
 COUNTY OF)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 33, TOWNSHIP 45 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE 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 _____, ILLINOIS THIS _____ DAY OF _____, 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
 LICENSE EXPIRATION DATE: 11-30-2012

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

COORDINATE TABLE

STATION	OFFSET	PTH	NORTH	EAST	PLAN STATION
372+58.80	0.00' RT.	5000	2063294.255	1086810.273	175+13.24
367+80.09	0.00' RT.	5002	2062863.551	1086601.353	179+91.97
366+20.16	55.00' LT.	5048	2062743.005	1086482.990	181+51.91
365+23.16	59.77' RT.	8596	2062605.716	1086544.101	182+48.91
366+23.63	26.44' LT.	8661	2062733.749	1086510.224	181+48.44
363+72.10	95.00' LT.	8666	2062538.284	1086338.693	183+99.98
363+72.10	55.00' LT.	8667	2062520.562	1086374.553	183+99.98
363+72.08	140.00' RT.	9331	2062434.151	1086549.361	184+00.00
366+92.06	140.00' RT.	9332	2062723.752	1086689.973	180+80.00
366+92.06	54.35' RT.	9333	2062760.622	1086612.667	180+80.00
371+82.34	58.92' RT.	9992	2063199.666	1086829.124	175+89.70
371+82.34	500.00' RT.	9993	2063004.347	1087224.606	175+89.70
361+82.29	515.75' RT.	9994	2062096.317	1086801.003	185+89.80
361+82.29	80.00' RT.	9995	2062290.577	1086410.950	185+89.80

RECEIVED
 MAR 04 2011
 PLATS & LEGALS

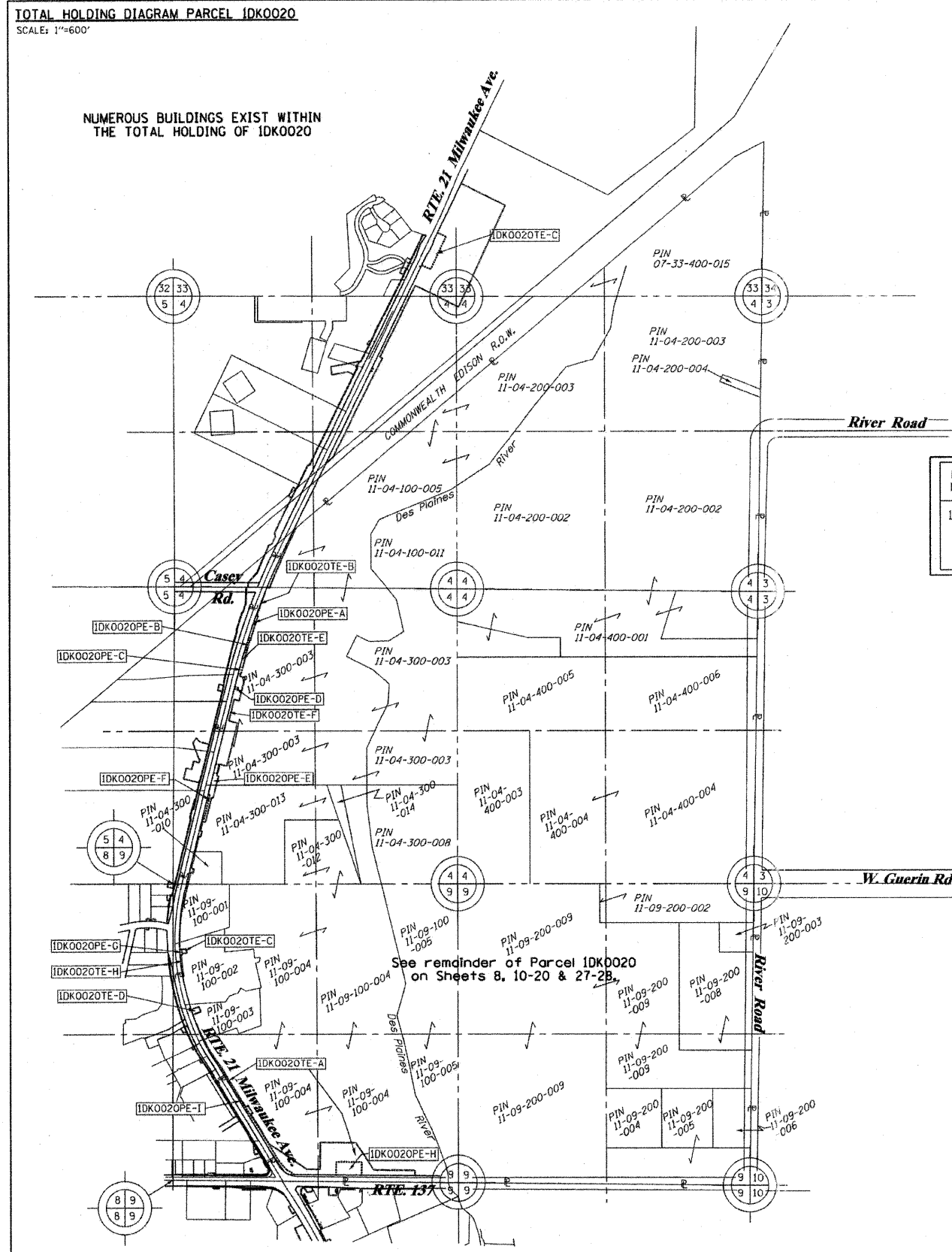
RUETTIGER, TONELLI & ASSOCIATES, INC.
 Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
 2174 ONEIDA STREET
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PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 FAP 330 (IL 21)

SECTION: 128R-3 COUNTY: LAKE
 PROJECT JOB NO.: R-91-027-01
 STATION 364+00 TO STATION 367+00
 SCALE: 1"=30' SHEET 25 OF

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

PART OF SECTIONS 4, 5, & 9, TWP. 44 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.



- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- T1
- T2
- T3
- BT1
- 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. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APL
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- 129.32' MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- ▨ EXISTING BUILDING

GRAPHIC SCALE
 FEET
 0 50,100
 20,40
 30,60
 SCALE: 1" = 30'

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

PE-A-0.009	391
PE-B-0.028	N/A
PE-C-0.035	N/A
PE-D-0.016	N/A
PE-F-0.075	N/A
PE-G-0.024	N/A
PE-H-0.597	N/A
PE-I-0.414	N/A
PE-J-0.058	N/A
TE-A-3.539	N/A
TE-B-0.040	N/A
TE-C-0.213	N/A
TE-D-0.085	N/A
TE-E-0.178	N/A
TE-F-1.975	N/A
TE-G-0.038	N/A
TE-H-0.050	N/A

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
IDK0020	LAKE COUNTY FOREST PRESERVE DISTRICT	*802.4±	0.000	N/A	*802.4±/-	**	***	PROP. ROW CONST.	11-09-100-001 thru 11-09-100-004, 11-04-300-003, 11-04-300-010, 11-04-300-013 11-04-100-005	

* AREAS OF CONTIGUOUS PROPERTY CALCULATED USING EXISTING PLATS & RECORDS.

STATE OF ILLINOIS)
 COUNTY OF)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89.) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 4, 5 & 9, TOWNSHIP 44 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE 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 _____, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
 LICENSE EXPIRATION DATE: 11-30-2012

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

RUETTIGER, TONELLI & ASSOCIATES, INC.
 Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
 2174 ONEIDA STREET
 JOLIET, ILLINOIS 60438
 PH. (815) 744-6600 FAX (815) 744-0101

RECEIVED
 APR 27 2011
 PLATS & LEGALS

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 FAP 330 (IL 21)

SECTION: 128R-3 COUNTY: LAKE
 PROJECT JOB NO.: R-91-027-01
 STATION TO STATION
 SCALE: 1"=30' SHEET 26 OF

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

REVISION DATE	REVISION	MADE BY
4-22-11	DELETED 20PE-E, REVISED 20TE-F	TLW
4-13-11	ADDED 20PE-J, REVISED 20TE-F	TLW
3-29-11	REVISED 0020 PARCEL TABLE	TLW
3-29-11	REVISED 0020 PARCEL TABLE, ADDED 20TE-H	TLW
3-3-11	ADD PE'S & REVISE TE'S IN 0020 PER IDOT	TLW
1-26-11	TYPO IN TABLE	TLW
9-30-10	REVISED ACREAGES, 0020PE	TLW

PART OF THE NW1/4 & SW1/4 OF SECTION 9, TWP. 44 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

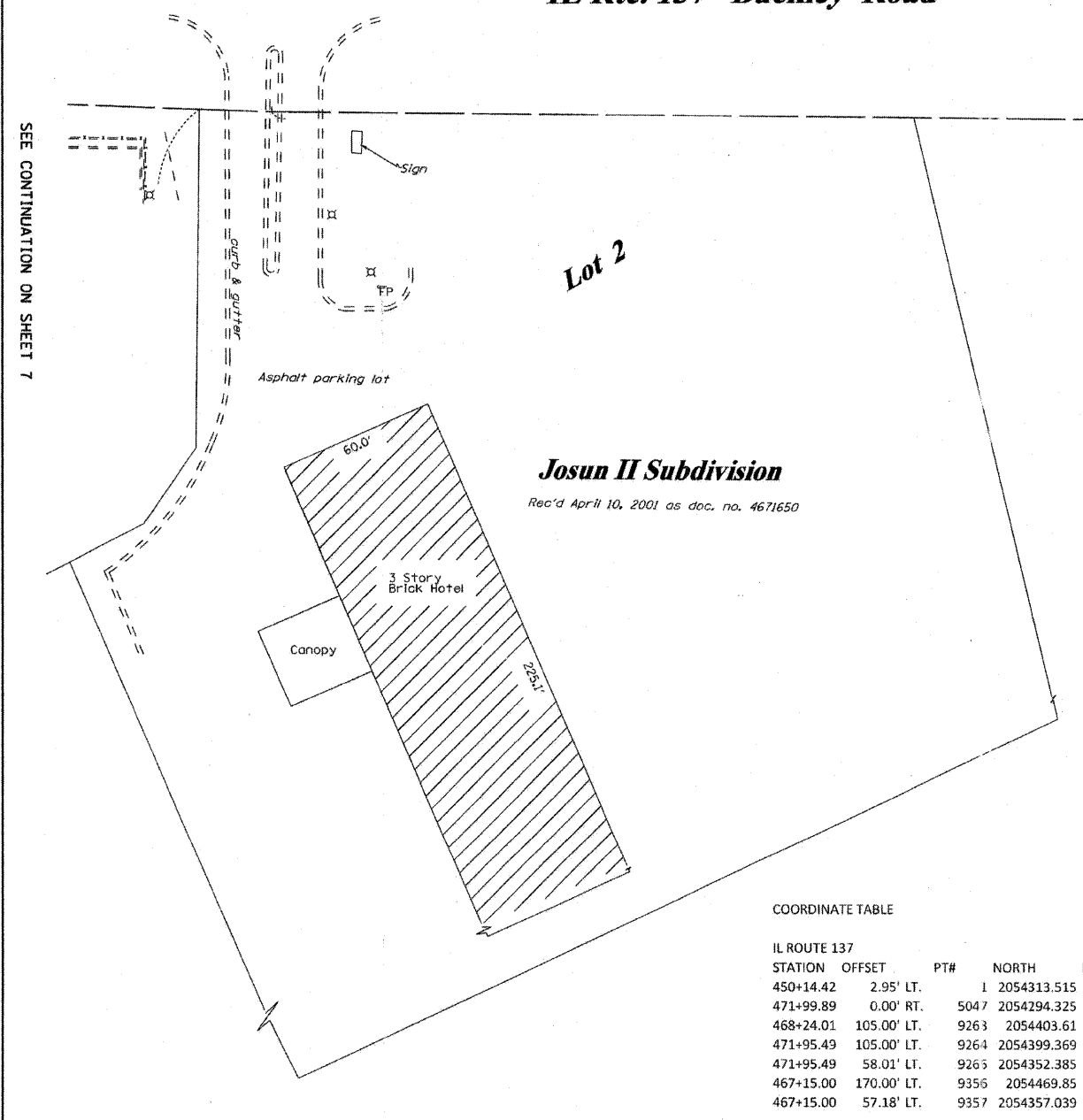
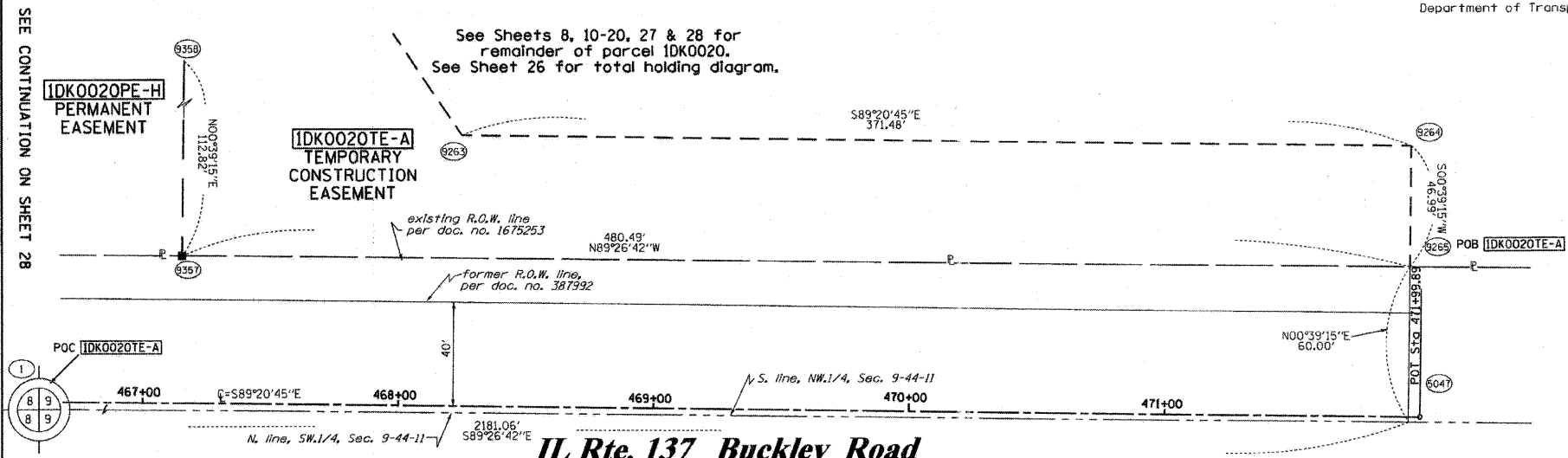
LEGEND

SECTION CORNER: 9 10 15 16

QUARTER SECTION CORNER

SECTION LINE
 QUARTER SECTION LINE
 QUARTER, QUARTER SECTION LINE
 PLATTED LOT LINES
 PROPERTY (DEED) LINE
 APL APPARENT PROPERTY LINE
 CENTERLINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 PROPOSED EASEMENT
 MEASURED DIMENSION
 129.82' (COMP)
 129.82'
 RECORDED DIMENSION
 EXISTING BUILDING

GRAPHIC SCALE
 FEET
 0 20.40 30.60 50.100
 SCALE: 1" = 30'



PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1DK0020	LAKE COUNTY FOREST PRESERVE DISTRICT	* 802.4±	0.000	N/A	*802.4±/-	**	***	PROP. ROW CONST.	11-09-100-001 thru 11-09-100-004, 11-04-300-003, 11-04-300-010, 11-04-300-013, 11-04-100-005	

* AREAS OF CONTIGUOUS PROPERTY CALCULATED USING EXISTING PLATS & RECORDS.

PE-A-0.009	391
PE-B-0.028	N/A
PE-C-0.035	N/A
PE-D-0.016	N/A
PE-F-0.075	N/A
PE-G-0.024	N/A
PE-H-0.597	N/A
PE-I-0.414	N/A
PE-J-0.058	N/A
TE-A-3.539	N/A
TE-B-0.040	N/A
TE-C-0.213	N/A
TE-D-0.085	N/A
TE-E-0.178	N/A
TE-F-1.975	N/A
TE-G-0.038	N/A
TE-H-0.050	N/A

STATE OF ILLINOIS)
) SS
 COUNTY OF)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 9, TOWNSHIP 44 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE 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.

NOTES:
 1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MUND BM34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.

RUETTIGER, TONELLI & ASSOCIATES, INC.
 Land Surveyors/Engineers/Planners/Landscape Architects/C.I.S. Consultants
 2174 ONEIDA STREET
 JOLIET, ILLINOIS 60435
 PH (815) 744-5600 FAX (815) 744-0101

COORDINATE TABLE

IL ROUTE 137	STATION	OFFSET	PT#	NORTH	EAST	PLAN STATION
	450+14.42	2.95' LT.	1	2054313.515	1084205.996	450+14.40
	471+99.89	0.00' RT.	5047	2054294.325	1086391.373	471+99.97
	468+24.01	105.00' LT.	9263	2054403.61	1086016.716	468+24.08
	471+95.49	105.00' LT.	9264	2054399.369	1086388.172	471+95.57
	471+95.49	58.01' LT.	9265	2054352.385	1086387.636	471+95.57
	467+15.00	170.00' LT.	9356	2054469.85	1085908.455	467+15.06
	467+15.00	57.18' LT.	9357	2054357.039	1085907.167	467+15.06

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

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
 LICENSE EXPIRATION DATE: 11-30-2012

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

4-22-11	DELETED 20PE-E, REVISED 20TE-F
4-13-11	ADDED 20PE-J, REVISED 20TE-F
3-28-11	REVISE 0020 PARCEL TABLE
3-25-11	REVISE 0020 PARCEL TABLE
3-3-11	ADD PE'S & REVISE TE'S ON 0020 PER IDOT
1-26-11	TYPO IN TABLE
11-04-2010	REVISION DELETED 0045TE

MADE BY RH

RECEIVED
 APR 27 2011
 PLATS & LEGALS

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 FAP 330 (IL 21)

SECTION: 128R-3 COUNTY: LAKE
 PROJECT JOB NO.: R-91-027-01
 STATION 454+00 TO STATION 462+00

SCALE: 1"=30' SHEET 27 OF

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

PART OF THE NW1/4 OF SECTION 9, TWP. 44 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the 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	SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1DK0020	LAKE COUNTY FOREST PRESERVE DISTRICT	* 802.4±	0.000	N/A	*802.4±/-	**	***	PROP. ROW CONST.	11-09-100-001 thru 11-09-100-004, 11-04-300-003, 11-04-300-010, 11-04-300-013, 11-04-100-005	

* AREAS OF CONTIGUOUS PROPERTY CALCULATED USING EXISTING PLATS & RECORDS.

**
 PE-A-0.009 391
 PE-B-0.028 N/A
 PE-C-0.035 N/A
 PE-D-0.016 N/A
 PE-F-0.075 N/A
 PE-G-0.024 N/A
 PE-H-0.597 N/A
 PE-I-0.414 N/A
 PE-J-0.058 N/A
 TE-A-3.539 N/A
 TE-B-0.040 N/A
 TE-C-0.213 N/A
 TE-D-0.085 N/A
 TE-E-0.178 N/A
 TE-F-1.975 N/A
 TE-G-0.038 N/A
 TE-H-0.050 N/A

COORDINATE TABLE

IL ROUTE 137	STATION	OFFSET	PT#	NORTH	EAST	PLAN STATION
	461+13.42	56.14' LT.	8332	2054362.866	1085305.615	461+13.45
	462+19.96	105.00' LT.	9259	2054410.506	1085412.706	462+20.00
	463+39.96	105.00' LT.	9260	2054409.136	1085532.698	463+40.00
	463+39.96	335.00' LT.	9261	2054639.121	1085535.324	463+40.00
	466+59.94	335.00' LT.	9262	2054635.468	1085855.283	466+60.00
	468+24.01	105.00' LT.	9263	2054403.610	1086016.716	468+24.08
	471+95.49	58.01' LT.	9265	2054352.385	1086387.636	471+95.57
	464+85.00	170.00' LT.	9354	2054472.476	1085678.470	464+85.05
	464+85.00	56.78' LT.	9355	2054359.267	1085677.178	464+85.05
	467+15.00	170.00' LT.	9356	2054469.850	1085908.455	467+15.06
	467+15.00	57.18' LT.	9357	2054357.039	1085907.167	467+15.06

LEGEND

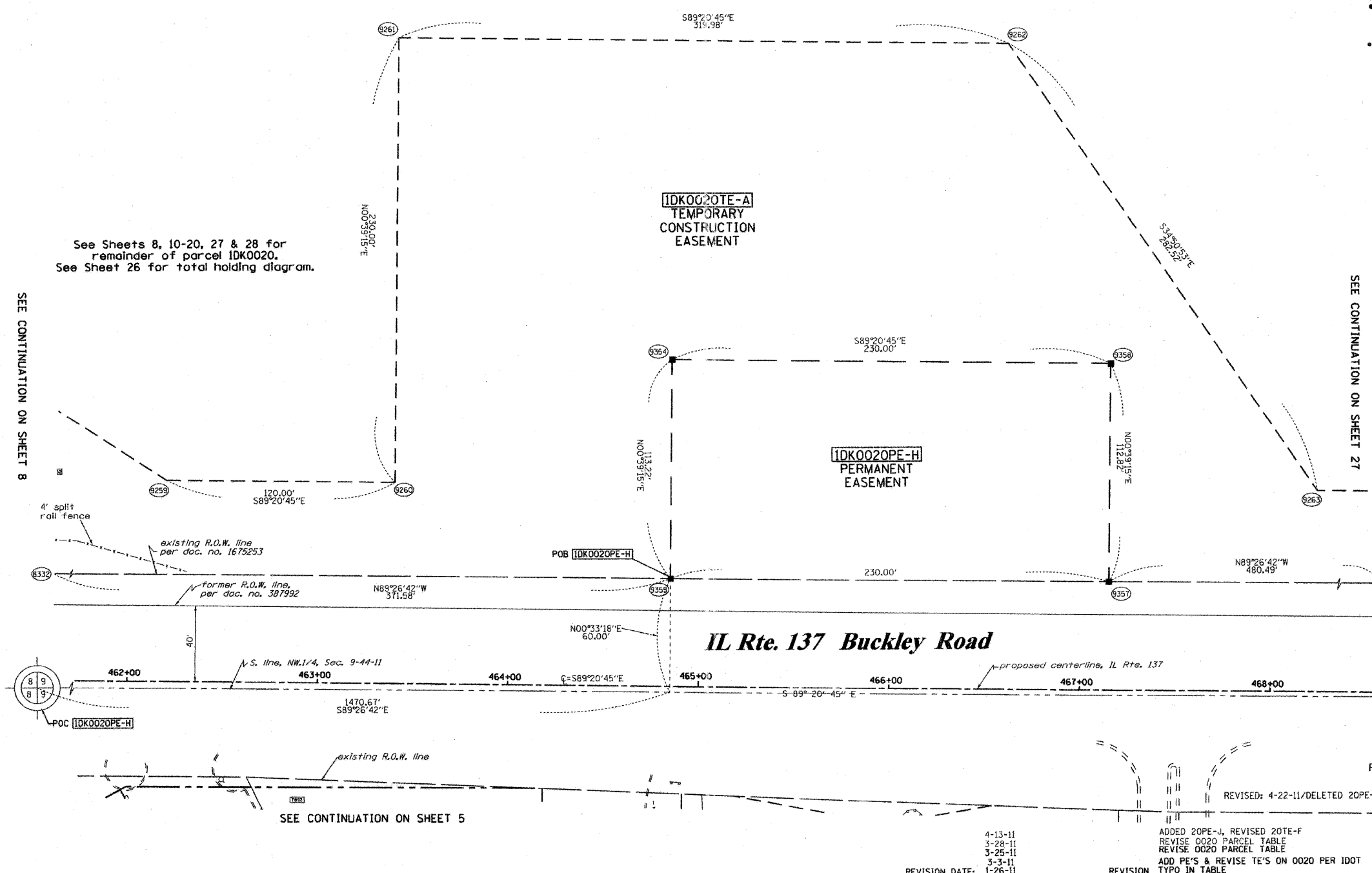
SECTION CORNER 16 QUARTER SECTION CORNER

SECTION LINE
 QUARTER SECTION LINE
 QUARTER QUARTER SECTION LINE
 PLATTED LOT LINES
 PROPERTY (DEED) LINE
 APPARENT PROPERTY LINE
 CENTERLINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 PROPOSED EASEMENT

MEASURED DIMENSION
 128.32' (COMP) COMPUTED DIMENSION
 (128.32') RECORDED DIMENSION
 EXISTING BUILDING

GRAPHIC SCALE
 FEET
 0 20.40 30.60
 SCALE: 1" = 30'

IRON PIPE OR ROD FOUND
 CUT CROSS FOUND OR SET
 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH T2 T3 IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 THESE STAKES IN CULTIVATED AREAS, REFERENCE FOUND OR SET MON. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 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.
 PERM. SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
 RIGHT OF WAY STAKING PROPOSED TO BE SET



See Sheets 8, 10-20, 27 & 28 for remainder of parcel 1DK0020. See Sheet 26 for total holding diagram.

SEE CONTINUATION ON SHEET 8

SEE CONTINUATION ON SHEET 27

STATE OF ILLINOIS)
 COUNTY OF)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 9, TOWNSHIP 44 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE 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 _____, ILLINOIS THIS _____ DAY OF _____, 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
 LICENSE EXPIRATION DATE: 11-30-2012

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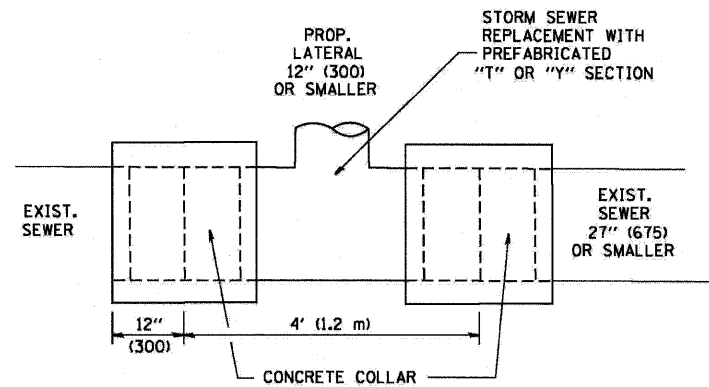
RUETTIGER, TONELLI & ASSOCIATES, INC.
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 PH. (815) 744-6600 FAX (815) 744-0101

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 FAP 330 (IL 21)

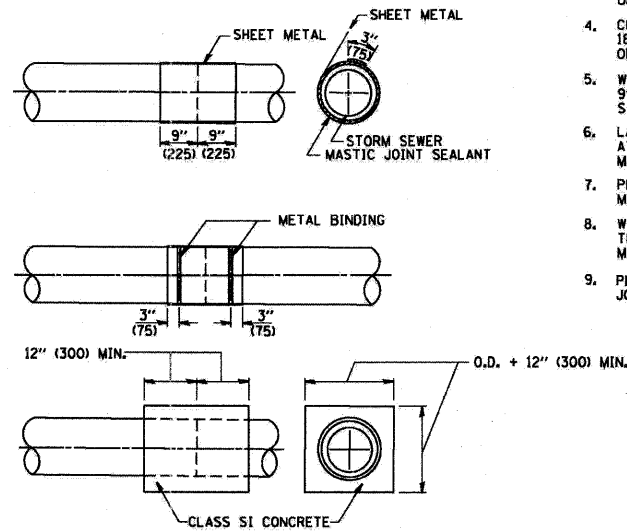
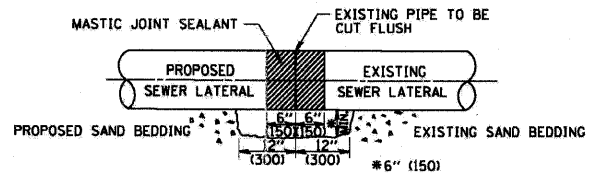
SECTION: 128R-3 COUNTY: LAKE
 PROJECT: JOB NO.: R-91-027-01
 STATION 462+00 TO STATION 468+50

SCALE: 1"=30' SHEET 28 OF

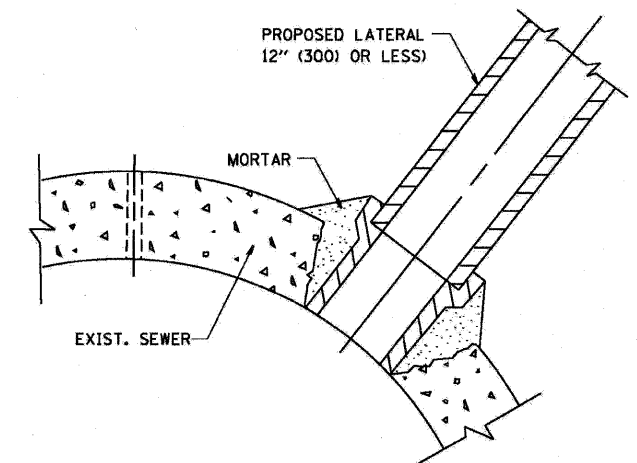
BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHALMBURG, ILLINOIS 60196



DETAIL "A"
LATERAL CONNECTION TO EXISTING SEWER
OF 27" (675) OR SMALLER



DETAIL "B"
CLASS SI CONCRETE COLLAR



DETAIL "C"
PROPOSED LATERAL
CONNECTION TO EXISTING SEWER
OF 30" (750) OR LARGER

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12" x 6" (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OZZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.

NOTES

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

- THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
 - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
 - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS, THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

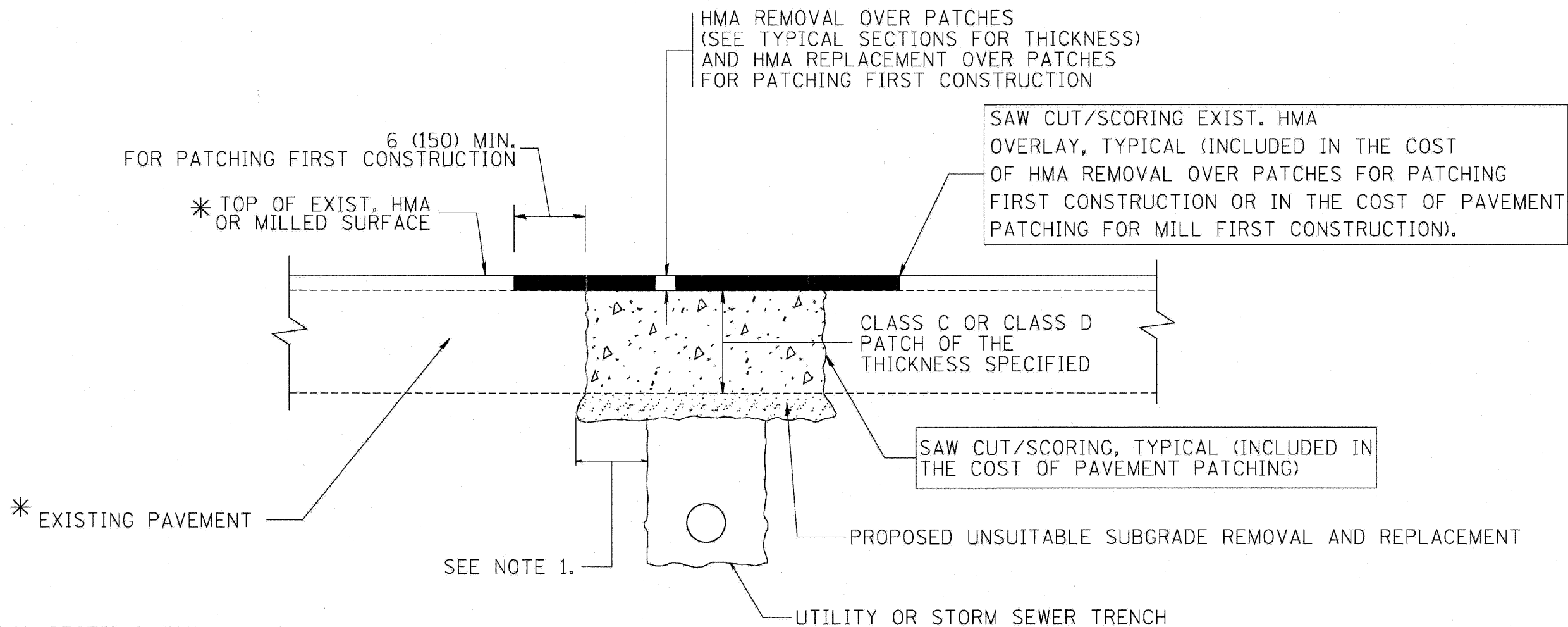
REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\distat\22x34\bd07.dgn	USER NAME = geglienabt	DESIGNED - M. DE YONG	REVISED - M. DE YONG 05-08-92	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER			F.A. RTE. = 330	SECTION = 128-1-3	COUNTY = LAKE	TOTAL SHEETS = 128	SHEET NO. = 63
	PLOT SCALE = 00.000' / IN.	DRAWN -	REVISED - R. SHAH 09-09-94		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	BD500-01 (BD-7) CONTRACT NO. 60P33				
	PLOT DATE = 1/4/2000	CHECKED -	REVISED - R. SHAH 10-25-94									
		DATE = 07-25-90	REVISED - R. SHAH 06-12-96									



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

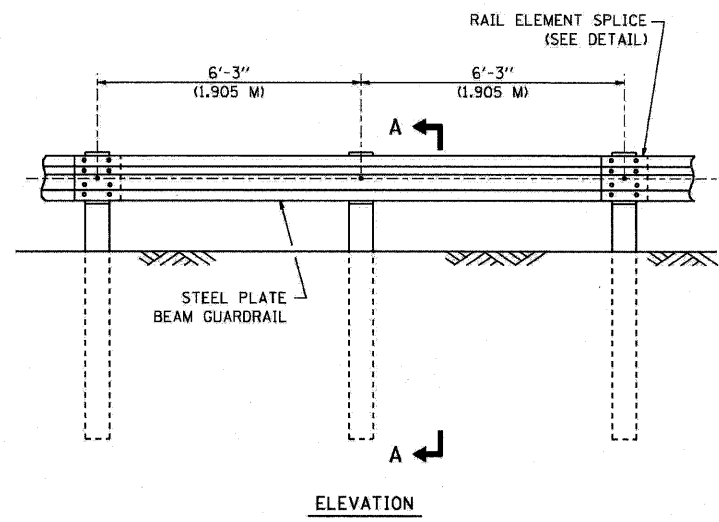
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

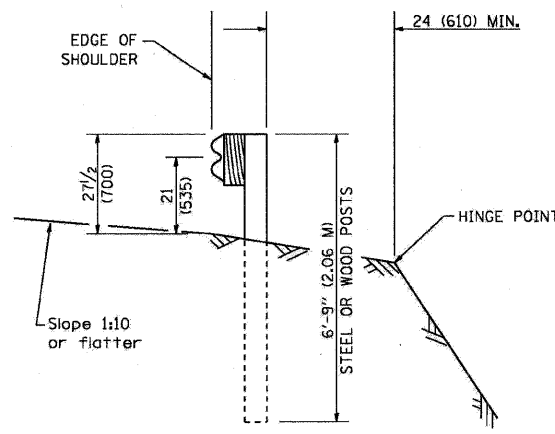
1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

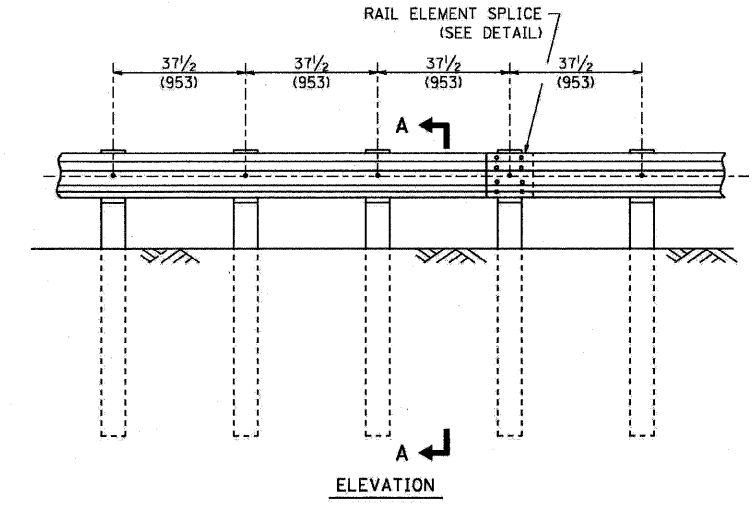
FILE NAME = c:\projects\dstata22x34\bd22.dgn	USER NAME = beaurd	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT		F.A. RTE. 330	SECTION 128-1-3	COUNTY LAKE	TOTAL SHEETS 128	SHEET NO. 64
PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - R. BORO 01-01-07	REVISED - R. BORO 09-04-07		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	BD400-04 (BD-22)		CONTRACT NO. 60P33	
PLOT DATE = 10/27/2008	DATE - 10-25-94	REVISED - K. ENG 10-27-08					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



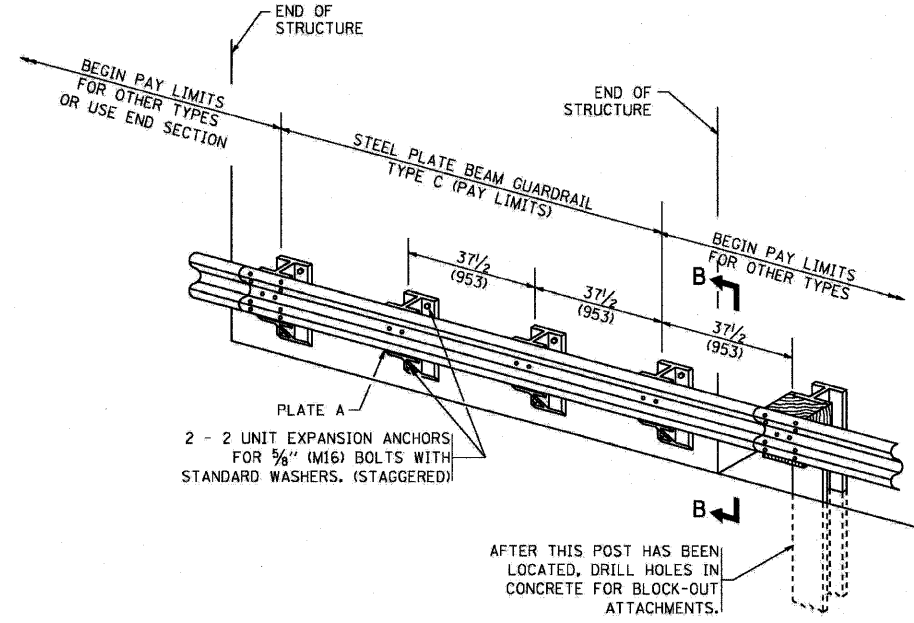
ELEVATION
TYPE A
6'-3" (1.905 M) TYPICAL POST SPACING



SECTION A-A



ELEVATION
TYPE A
37 1/2 (953) CLOSED POST SPACING

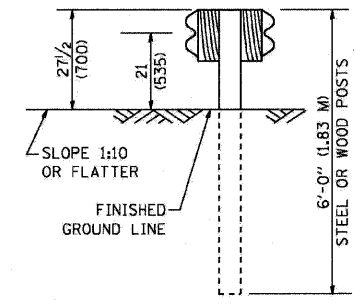


TYPE C
37 1/2 (953) BLOCK-OUT SPACING

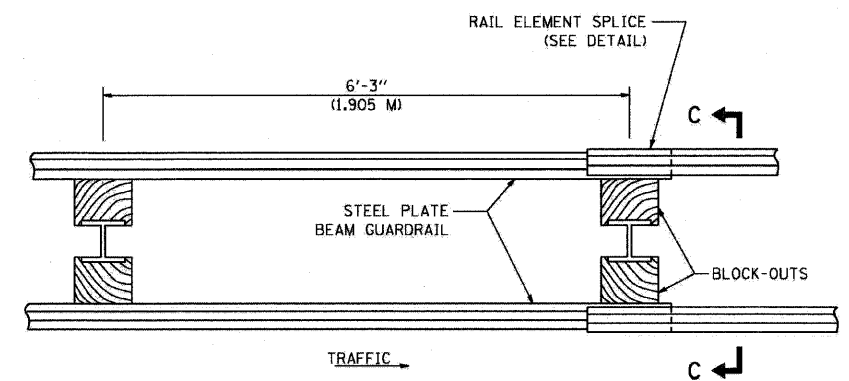
2 - 2 UNIT EXPANSION ANCHORS FOR 3/8" (M16) BOLTS WITH STANDARD WASHERS. (STAGGERED)

PLATE A

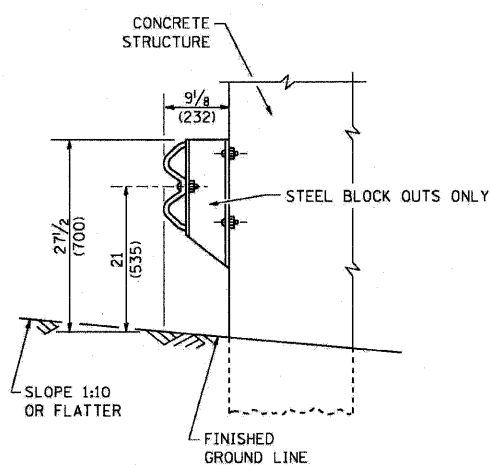
AFTER THIS POST HAS BEEN LOCATED, DRILL HOLES IN CONCRETE FOR BLOCK-OUT ATTACHMENTS.



SECTION C-C



PLAN
TYPE D
DOUBLE STEEL PLATE BEAM GUARDRAIL
6'-3" (1.905 M) TYPICAL POST SPACING



SECTION B-B

GENERAL NOTES

ALL SLOPE RATIOS ARE EXPRESSED AS UNITS OF VERTICAL DISPLACEMENT TO UNITS OF HORIZONTAL DISPLACEMENT (V:H).

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

THE EXISTING STEEL POSTS MAY BE DRILLED TO MATCH THE BOLT PATTERN SHOWN HEREIN FOR THE WOOD BLOCK-OUT, OR A NEW STEEL POST SHALL BE PROVIDED.

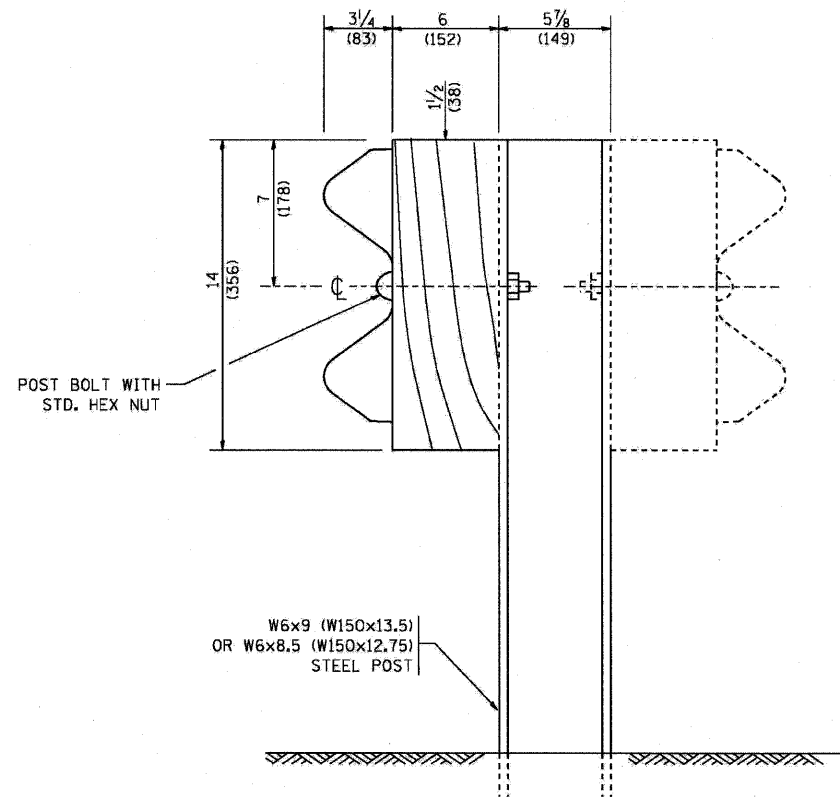
THIS DETAIL IS APPLICABLE TO THE GUARDRAIL SYSTEM USED PRIOR TO JANUARY 1, 2007. FOR DETAILS ON THE MIDWEST GUARDRAIL SYSTEM, SEE STANDARD 630001.

FILE NAME = W:\data\22x34\bm21.dgn	USER NAME = geglennob	DESIGNED -	REVISED - 10-31-06
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

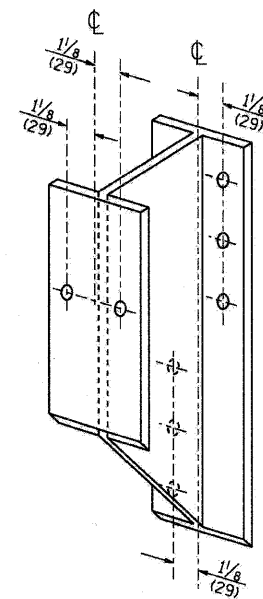
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVE AND REERECT			
STEEL PLATE BEAM GUARDRAIL			
SCALE: NONE	SHEET NO. 1 OF 4 SHEETS	STA.	TO STA.

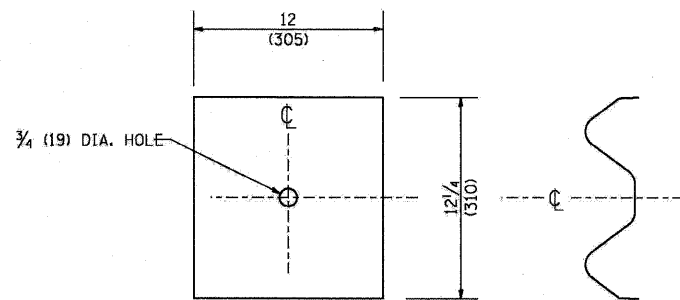
F.A. RTE. = 330	SECTION = 128-1-3	COUNTY = LAKE	TOTAL SHEETS = 128	SHEET NO. = 66
BM-21			CONTRACT NO. 60P33	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



STEEL POST CONSTRUCTION



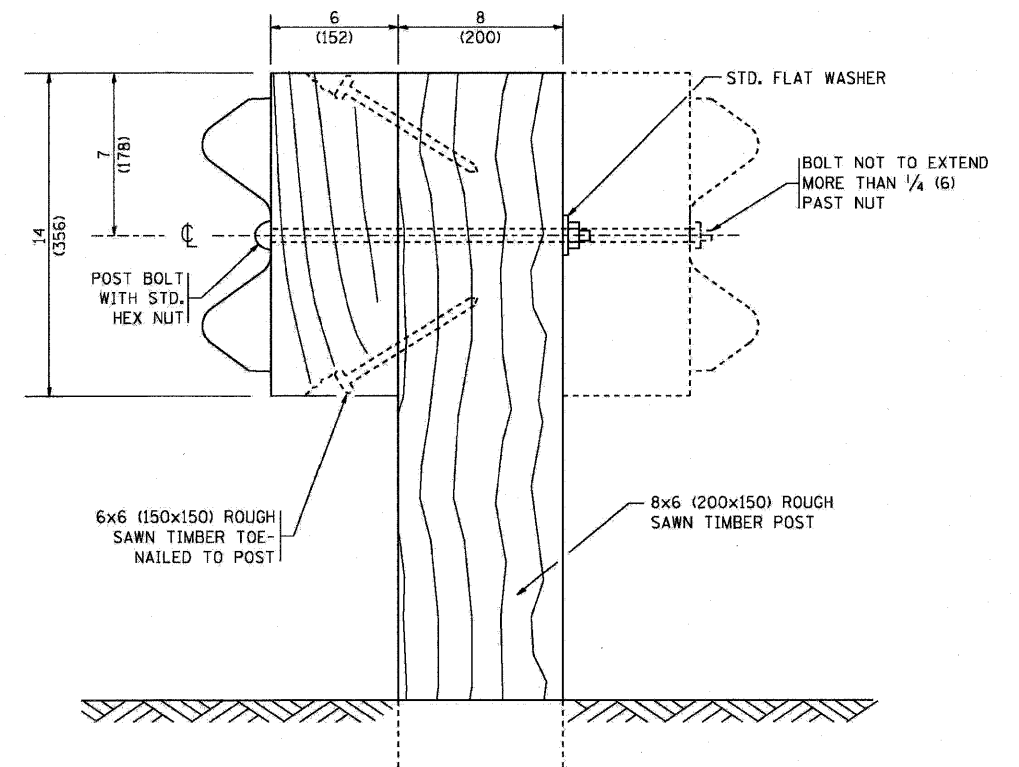
STEEL BLOCK-OUT DETAIL



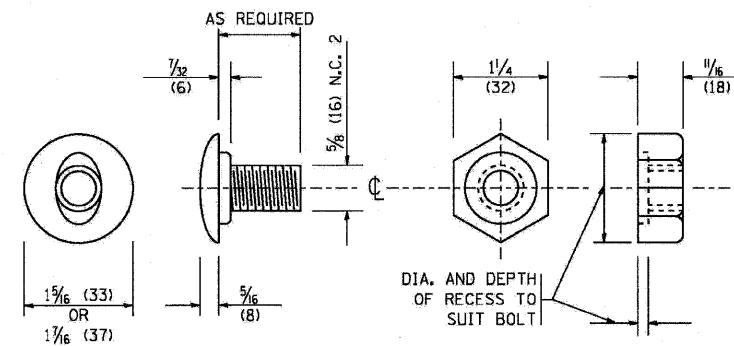
NOTE:

PLATE A SHALL BE PLACED BETWEEN RAIL ELEMENT AND BLOCK-OUT AT NON-SPLICE MOUNTING POINTS ONLY WHEN STEEL BLOCK-OUTS ARE USED.

PLATE A



WOOD POST CONSTRUCTION



POST OR SPLICE BOLT & NUT

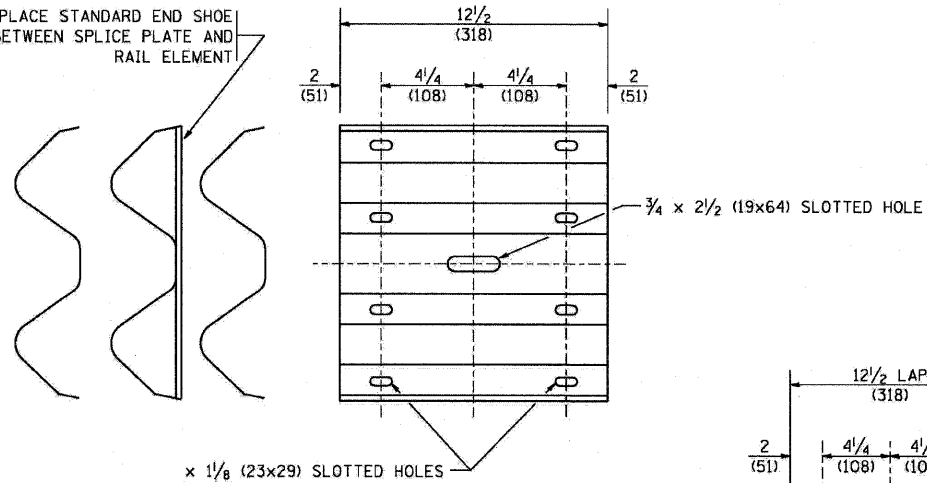
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		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL	
SCALE: NONE	SHEET NO. 2 OF 4 SHEETS STA. TO STA.

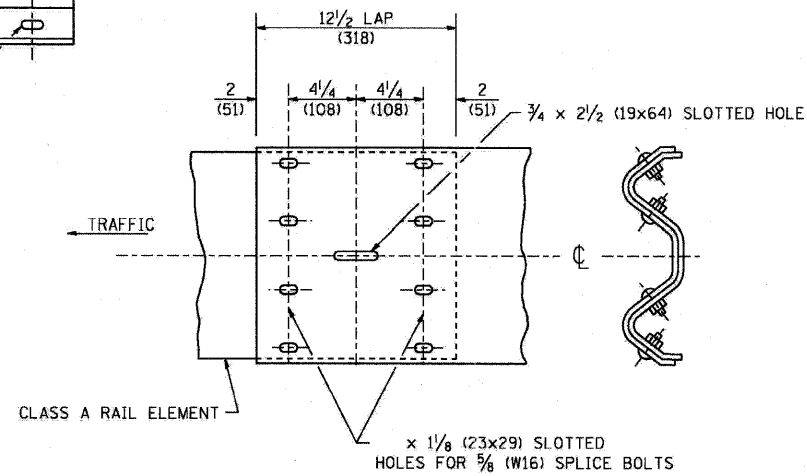
F.A. RTE. 330	SECTION 128-1-3	COUNTY LAKE	TOTAL SHEETS 128	SHEET NO. 67
BM-21		CONTRACT NO. 60P33		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLACE STANDARD END SHOE BETWEEN SPLICE PLATE AND RAIL ELEMENT

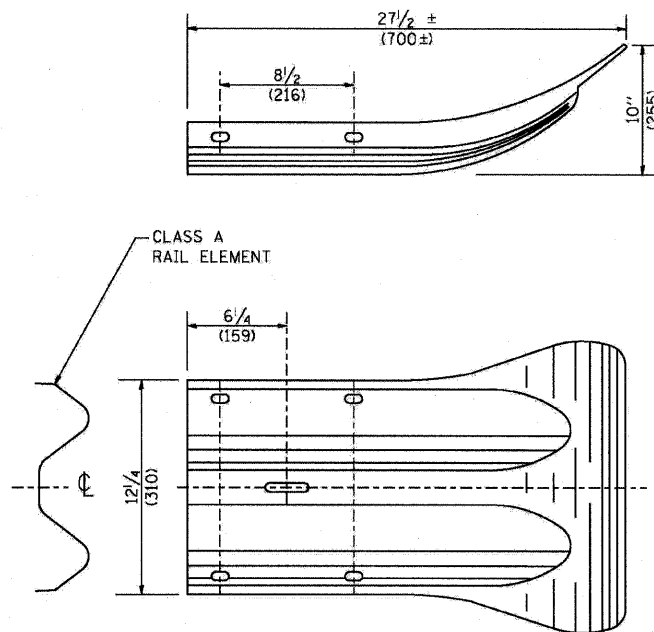


x 1/8 (23x29) SLOTTED HOLES

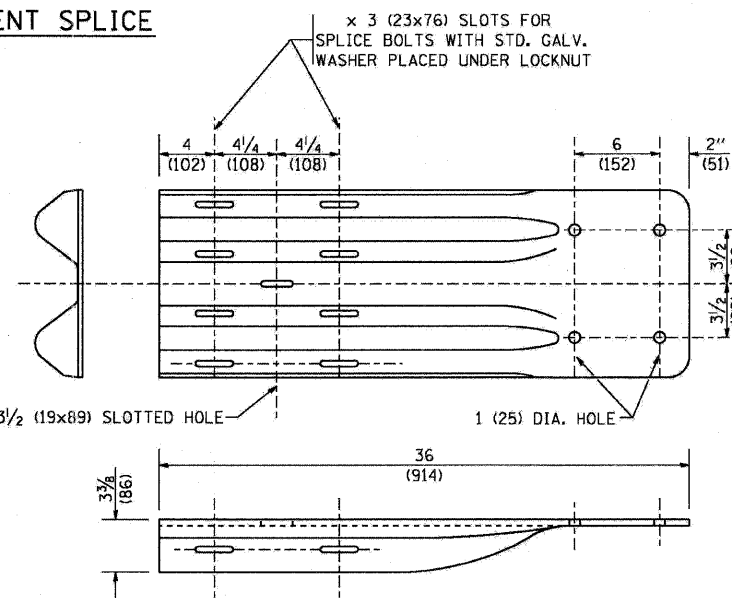
SPLICE PLATE



RAIL ELEMENT SPLICE



END SECTION



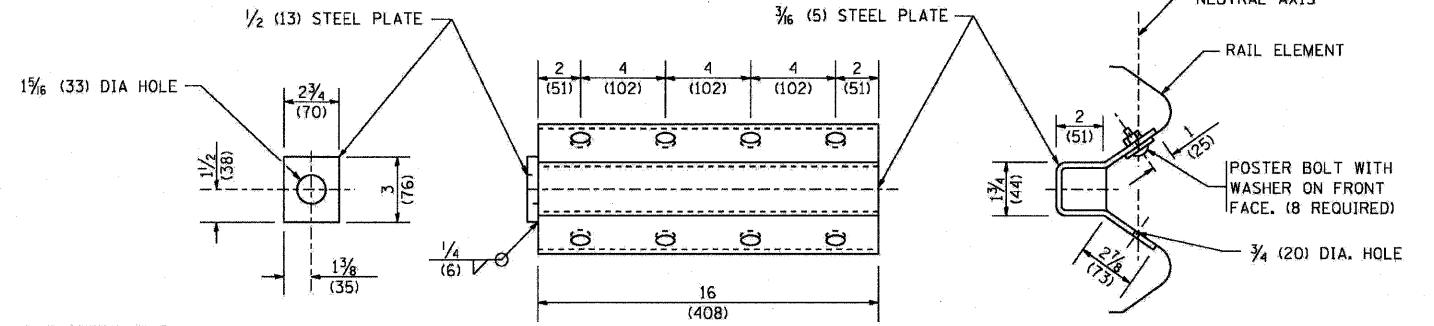
END SHOE

NOTE:

WHEN END SHOE IS ATTACHED TO A BRIDGE PARAPET WHICH HAS AN EXPANSION JOINT, THE BOLTS SHALL BE PROVIDED WITH A LOCKNUT OR DOUBLE NUT AND SHALL BE TIGHTENED ONLY TO A POINT THAT WILL ALLOW GUARDRAIL MOVEMENT.

THE STANDARD END SHOE SHALL BE ATTACHED TO THE CONCRETE WITH PRE-DRILLED OR SELF-DRILLING ANCHOR BOLTS. THE ANCHOR CONE SHALL BE SET FLUSH WITH THE SURFACE OF THE CONCRETE.

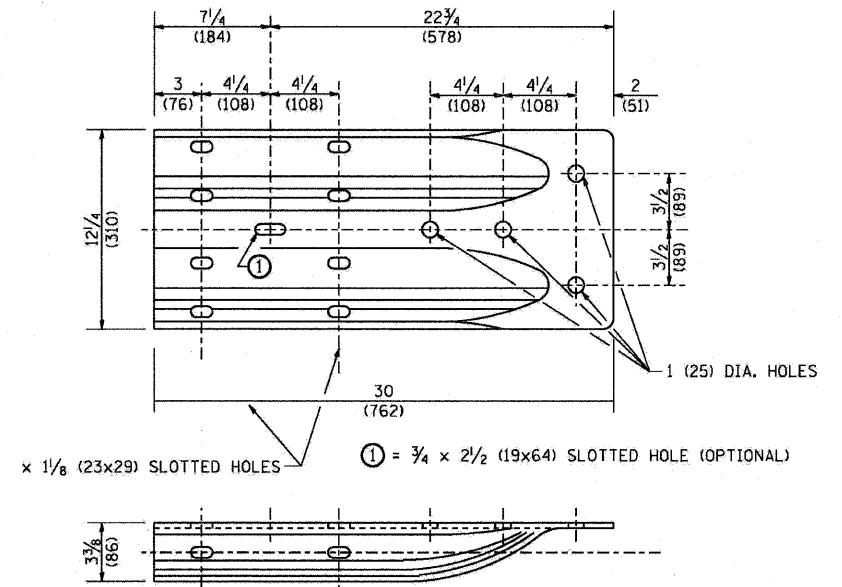
EXTERNALLY THREADED STUDS PROTRUDING FROM THE SURFACE OF THE CONCRETE WILL NOT BE PERMITTED.



NOTE:

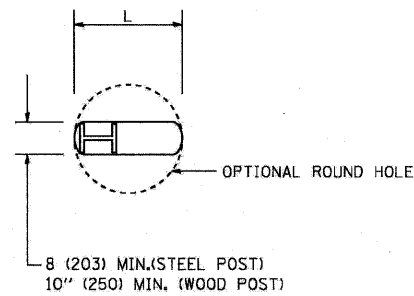
ANCHOR PLATE T SHALL BE USED TO ATTACH CABLE ASSEMBLY TO GUARDRAIL WHEN REQUIRED ON TRAFFIC BARRIER TERMINALS.

ANCHORE PLATE T DETAILS

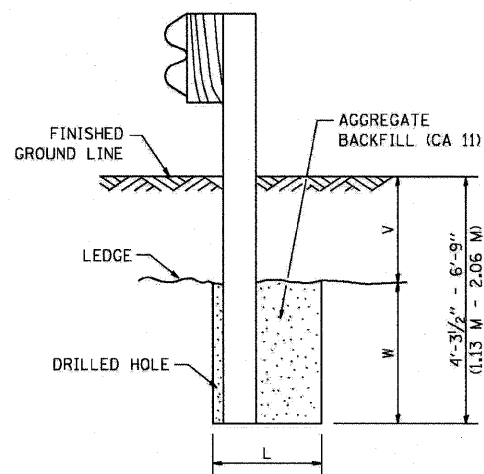


ALTERNATE END SHOE

FILE NAME = M:\dotatd\22x34\bm21.dgn	USER NAME = gaglienabt	DESIGNED - DRAWN -	REVISED - REVISED -	10-31-06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL		F.A. RTE. 330	SECTION 128-1-3	COUNTY LAKE	TOTAL SHEETS 128	SHEET NO. 68
PLOT SCALE = 50.0000 / IN.	CHECKED -	REVISED -	REVISED -			SCALE: NONE	SHEET NO. 3 OF 4 SHEETS	STA.	TO STA.	BM-21		
PLOT DATE = 1/4/2008	DATE -	REVISED -	REVISED -			CONTRACT NO. 60P33						
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT												



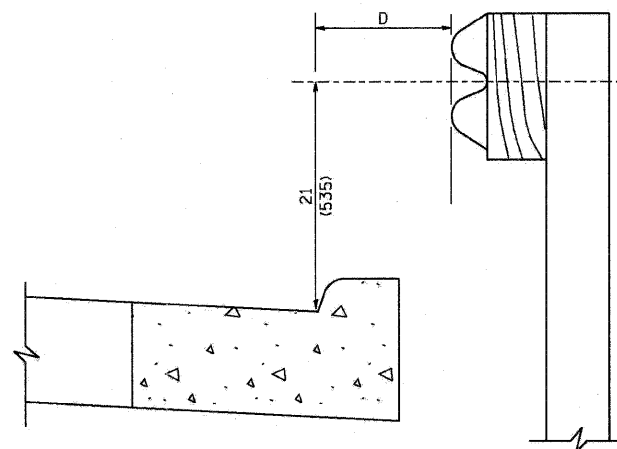
PLAN



NOTE:
LEDGE LINE IS TOP OF ROCK
LEDGE OR HARD SLAG FILL.

ELEVATION

FOOTING FOR POST WHEN IMPERVIOUS
MATERIAL IS ENCOUNTERED



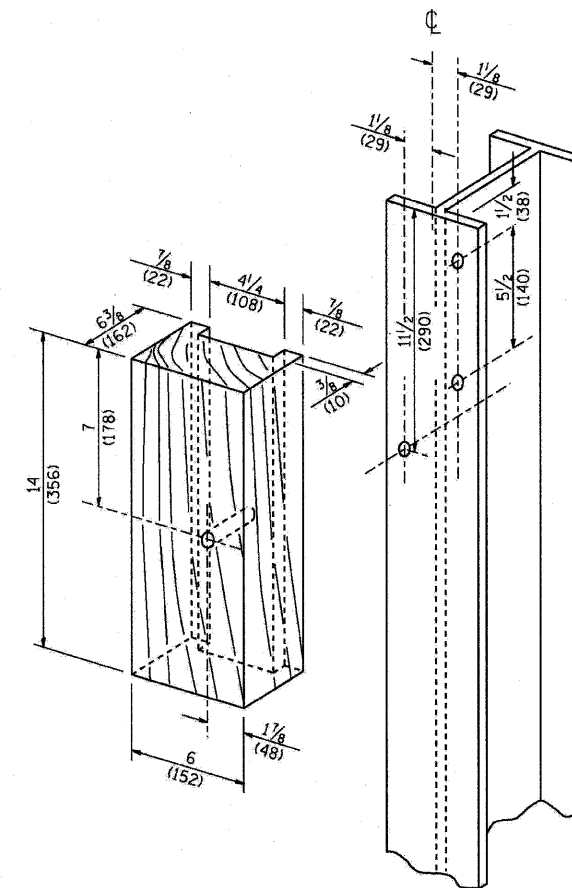
NOTE:

IF IT IS NECESSARY FOR D TO BE MORE THAN 12 (300) AND LESS THAN 10'-0" (3.0 M) TYPE M-2 (M-5) CURB AND GUTTER (STD. 606001) SHALL BE USED IN FRONT OF AND IN ADVANCE OF THE GUARDRAIL.

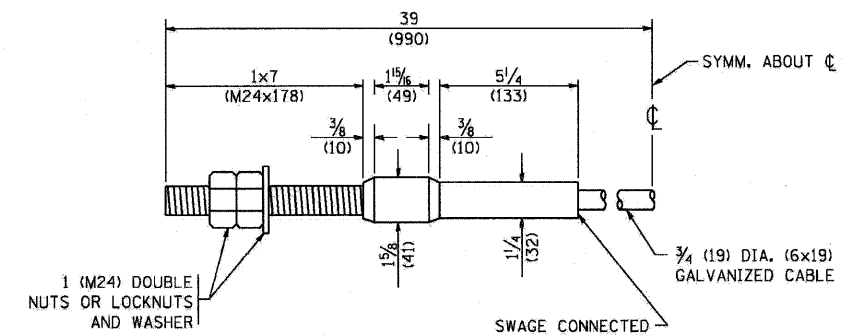
GUARDRAIL PLACED BEHIND CURB

(D = 0 DESIRABLE TO 12 (300) MAXIMUM)

V	W	L	
		STEEL POST	WOOD POST
0 - 18 (0 - 460)	24 (610)	21 (530)	23 (580)
>18 - 41.5 (> 460 - 825)	12 (305)	8 (203)	10 (250)
>41.5 - 53.5 (> 825 - 1.13 M)	12 - 0 (350 - 0)	8 (203)	10 (250)

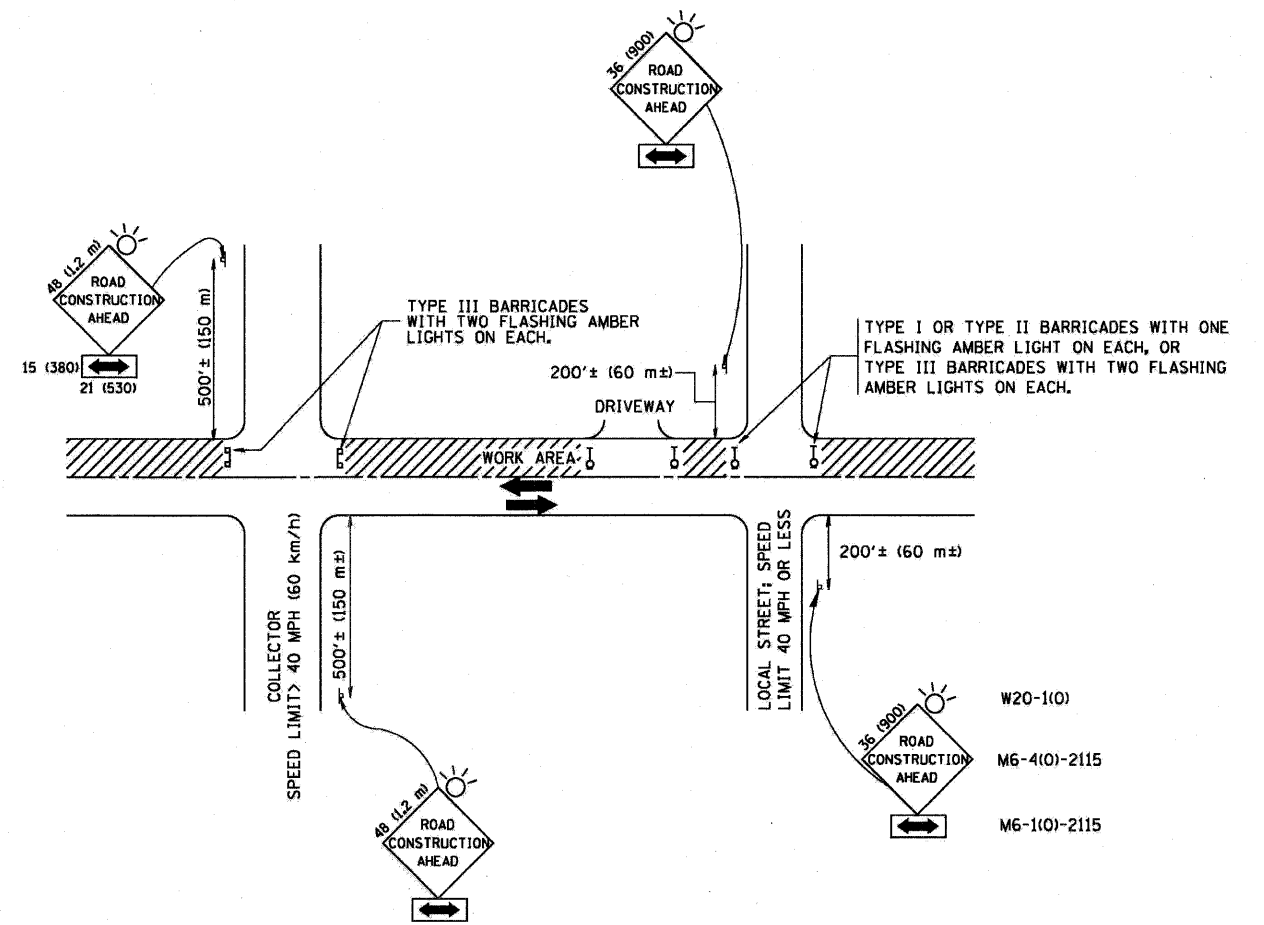


WOOD BLOCK-OUT AND
STEEL POST DETAILS



CABLE ASSEMBLY

(40,000 LBS (18,100 KG) MIN. BREAKING STRENGTH)
TIGHTEN TO TAUT TENSION



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
 - SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
- USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

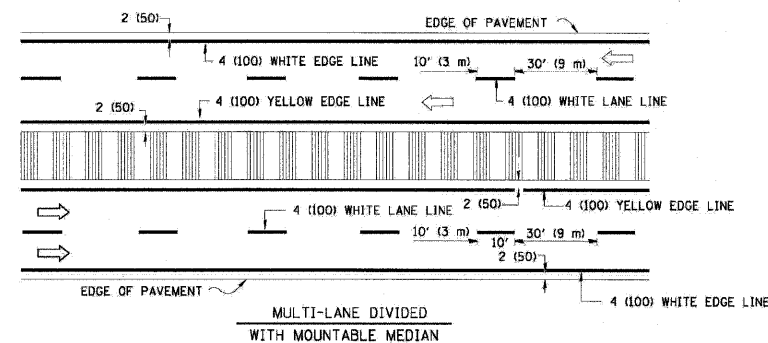
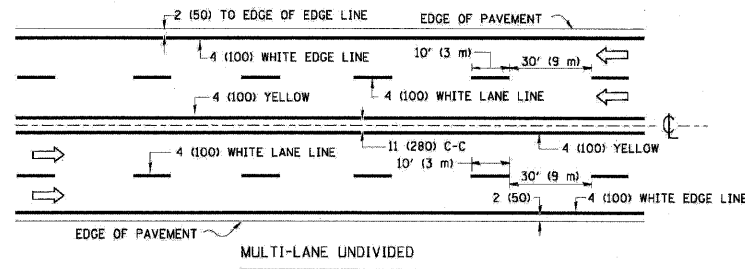
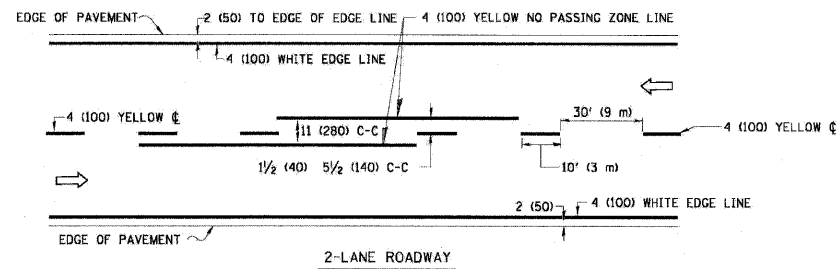
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		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50,000' / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2000	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

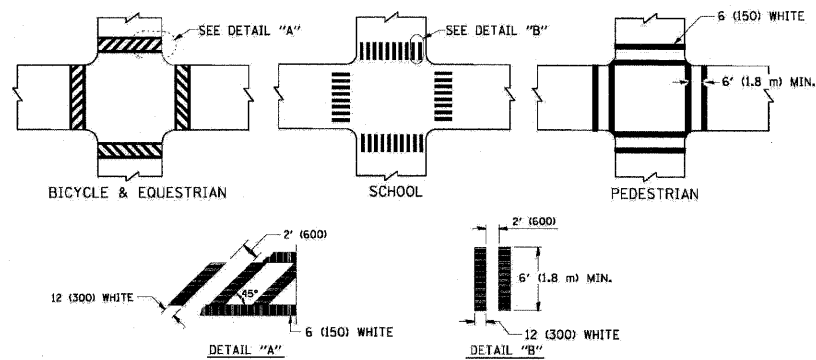
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	128-1-3	LAKE	128	70
TC-10			CONTRACT NO. 60P33	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

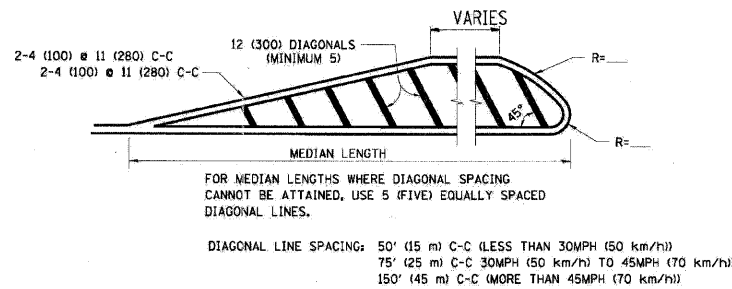
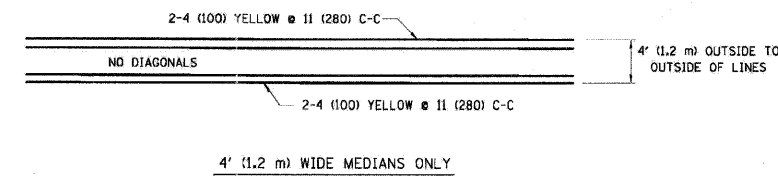


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

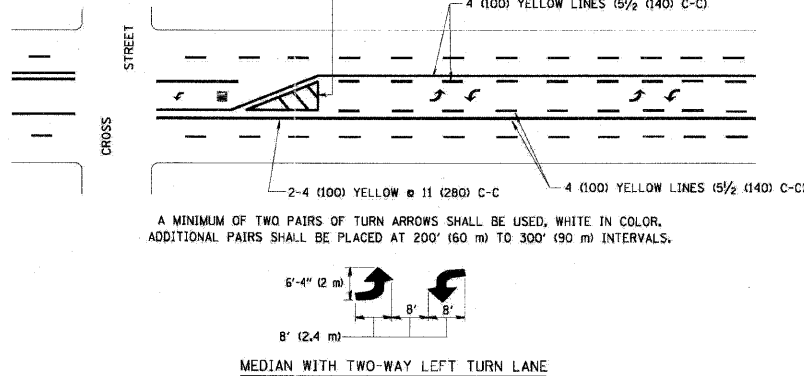
TYPICAL LANE AND EDGE LINE MARKING



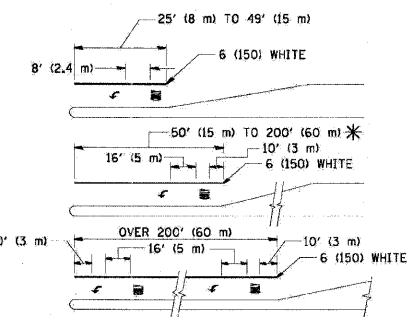
TYPICAL CROSSWALK MARKING



MEDIANS OVER 4' (1.2 m) WIDE



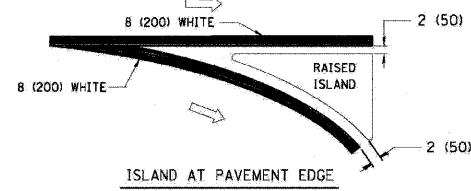
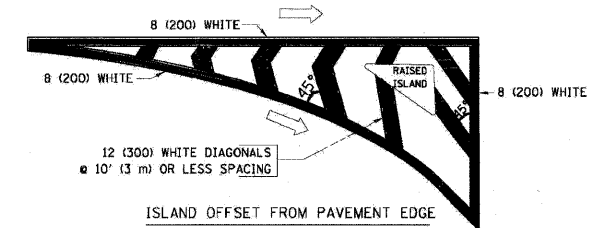
TYPICAL PAINTED MEDIAN MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
 AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
 * TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

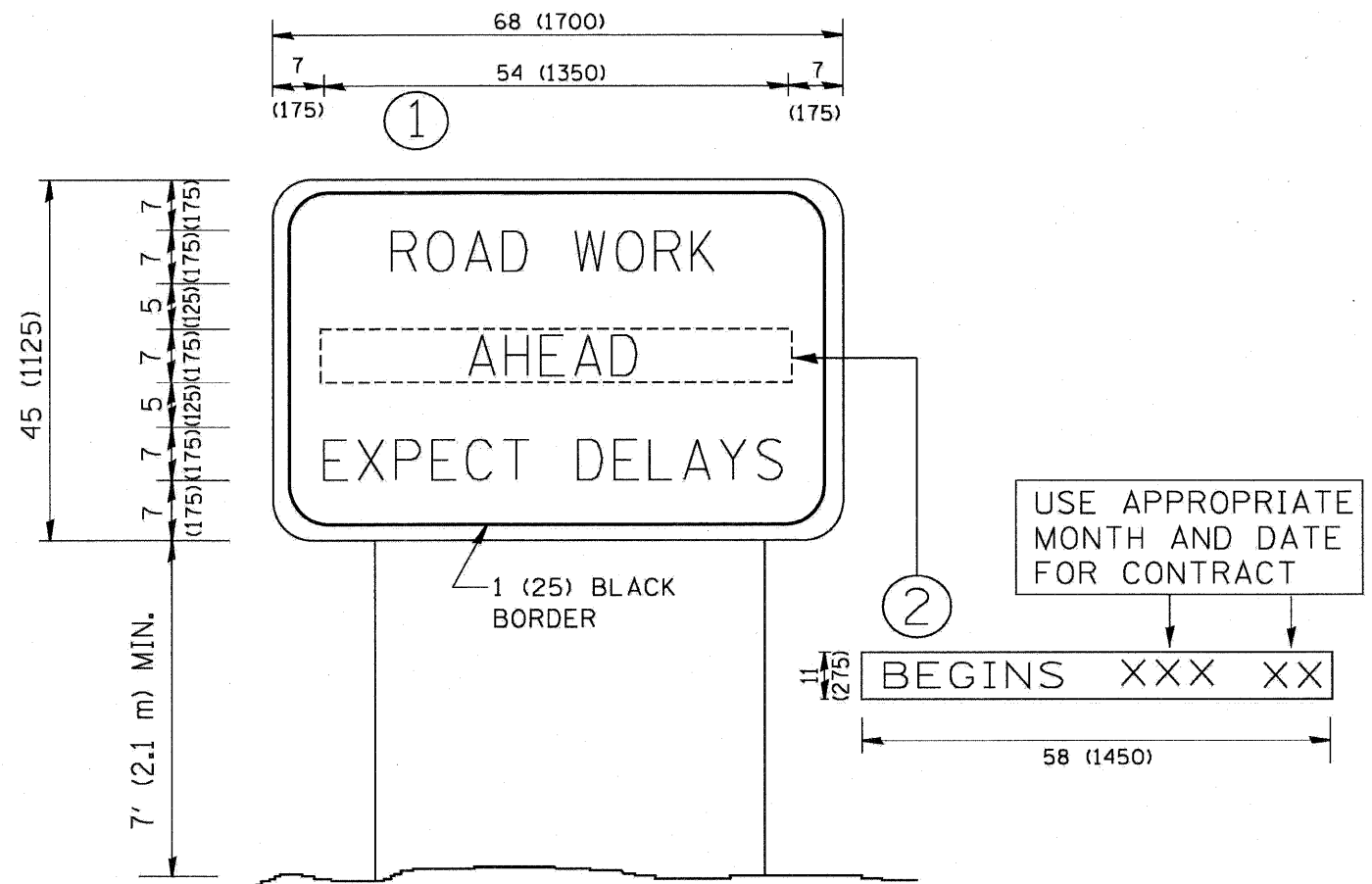


TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW. EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C (30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS: 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (22.5 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

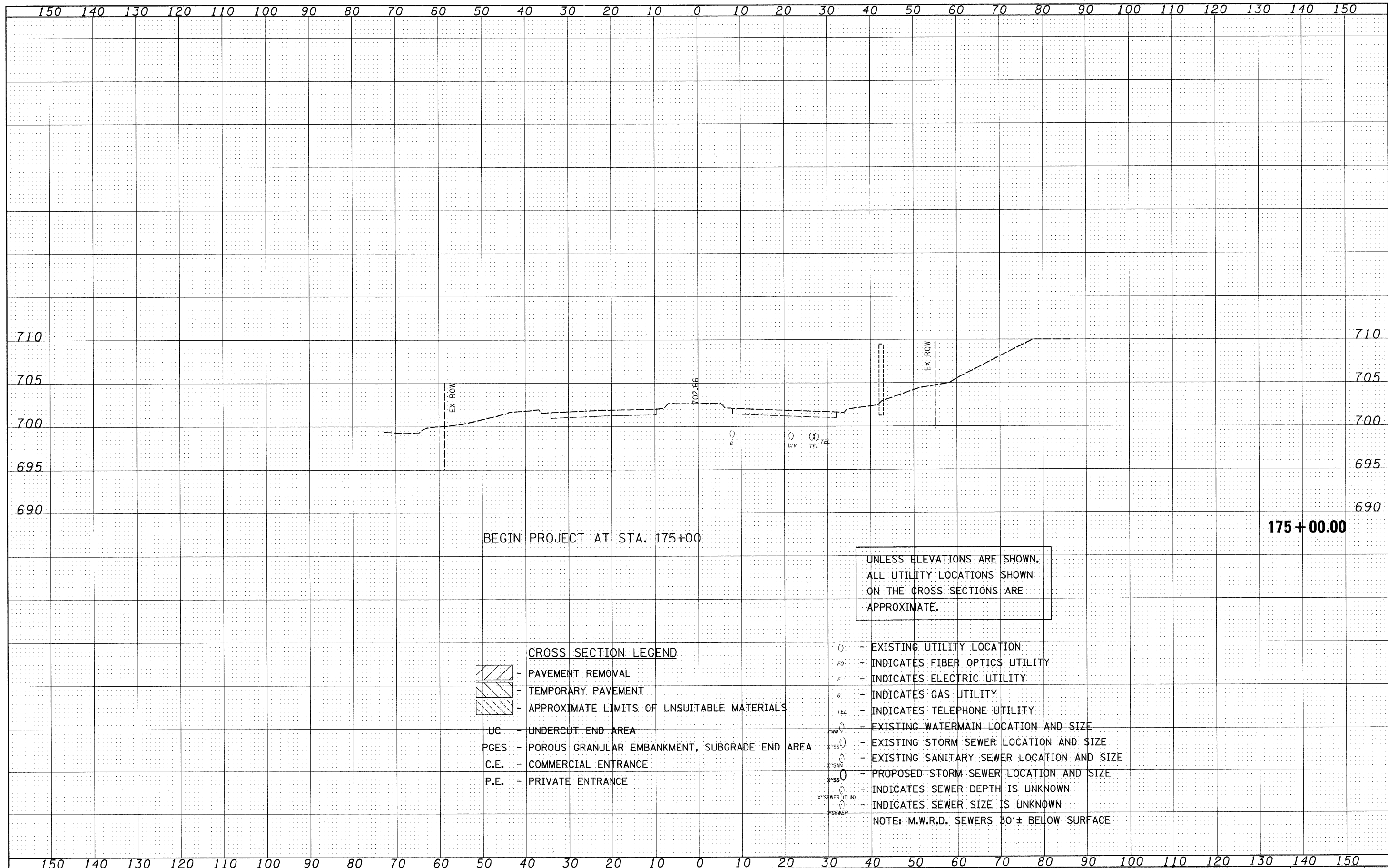


NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\data\22x34\to22.dgn	USER NAME = geglienobt	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN		F.A. RTE. = 330	SECTION 128-1-3	COUNTY LAKE	TOTAL SHEETS 128	SHEET NO. 72	
	PLOT SCALE = 50.000 ' / IN.	DRAWN -	REVISED - R. MIRS 12-11-97		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TC-22	CONTRACT NO. 60P33			
	PLOT DATE = 1/4/2008	CHECKED -	REVISED - T. RAMMACHER 02-02-99				TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
		DATE -	REVISED - C. JUCIUS 01-31-07									



DATE	
BY	
FINAL SURVEY BOOK NO.	
REVISIONS	
NOTED	
TEMPLATE	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY BOOK NO.	
REVISIONS	
NOTED	
TEMPLATE	
AREAS CHECKED	

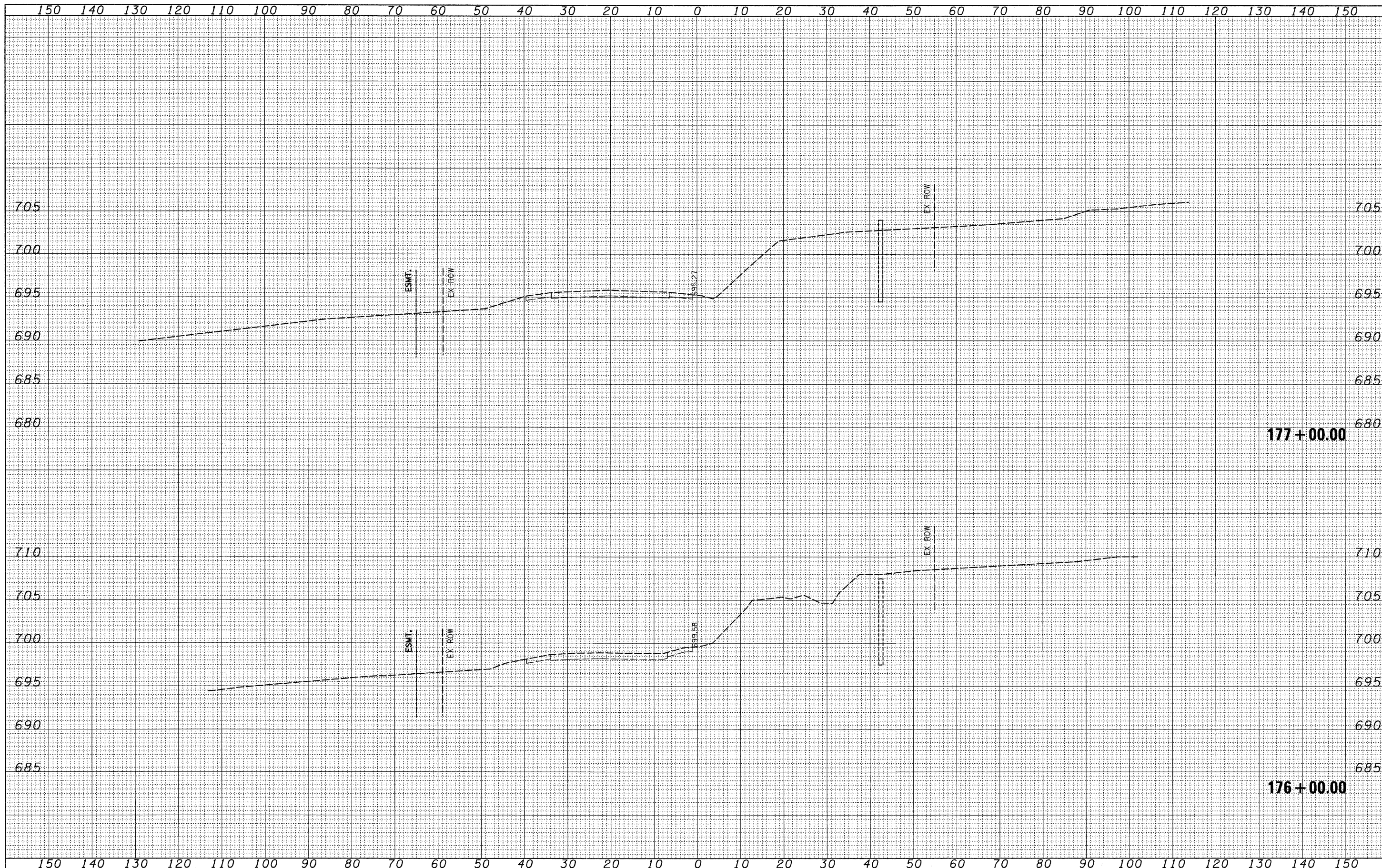
CROSS SECTION LEGEND

- PAVEMENT REMOVAL
- TEMPORARY PAVEMENT
- APPROXIMATE LIMITS OF UNSUITABLE MATERIALS
- UC - UNDERCUT END AREA
- PGES - POROUS GRANULAR EMBANKMENT, SUBGRADE END AREA
- C.E. - COMMERCIAL ENTRANCE
- P.E. - PRIVATE ENTRANCE

- () - EXISTING UTILITY LOCATION
 - FO - INDICATES FIBER OPTICS UTILITY
 - E - INDICATES ELECTRIC UTILITY
 - G - INDICATES GAS UTILITY
 - TEL - INDICATES TELEPHONE UTILITY
 - WM - EXISTING WATERMAIN LOCATION AND SIZE
 - X'SS - EXISTING STORM SEWER LOCATION AND SIZE
 - X'SAN - EXISTING SANITARY SEWER LOCATION AND SIZE
 - O - PROPOSED STORM SEWER LOCATION AND SIZE
 - Ø - INDICATES SEWER DEPTH IS UNKNOWN
 - Ø - INDICATES SEWER SIZE IS UNKNOWN
- NOTE: M.W.R.D. SEWERS 30'± BELOW SURFACE

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

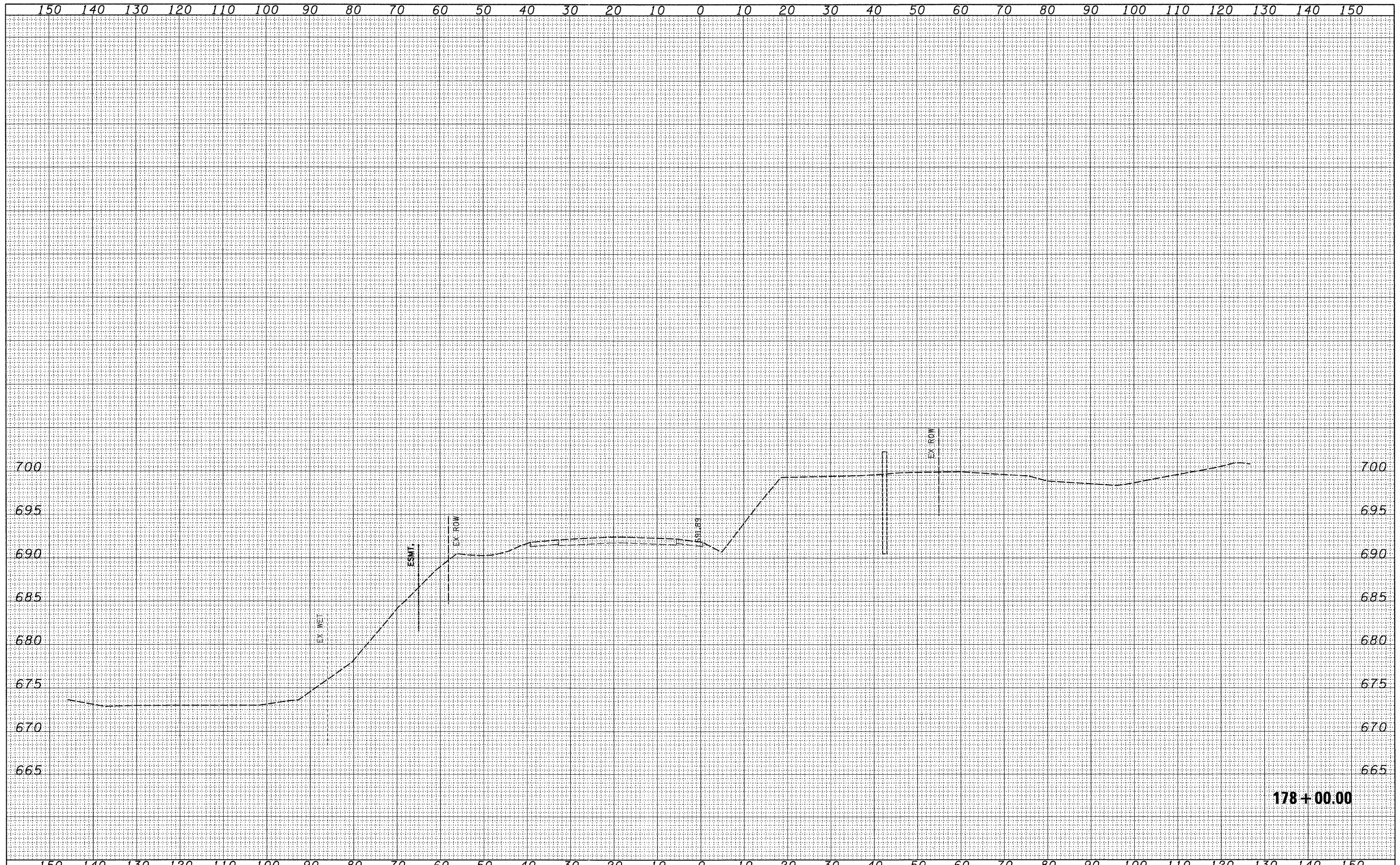
ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		



FILE NAME =	USER NAME = IDOT	DESIGNED - PDK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 21 CROSS SECTIONS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1:\102\905\121\adv\cadd sheets\sh-t-xsec-1L21-12-15-10.dgn		DRAWN - GAP	REVISED -			330	128-1-3	LAKE	128	74
PLOT SCALE = 10,0000' / IN.		CHECKED - MRH	REVISED -			CONTRACT NO. 60P33				
PLOT DATE = 4/1/2011		DATE - 12/22/2010	REVISED -			ILLINOIS FED. AID PROJECT				
SCALE:						SHEET NO. OF SHEETS STA. 176+00.00 TO STA. 177+00.00				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		

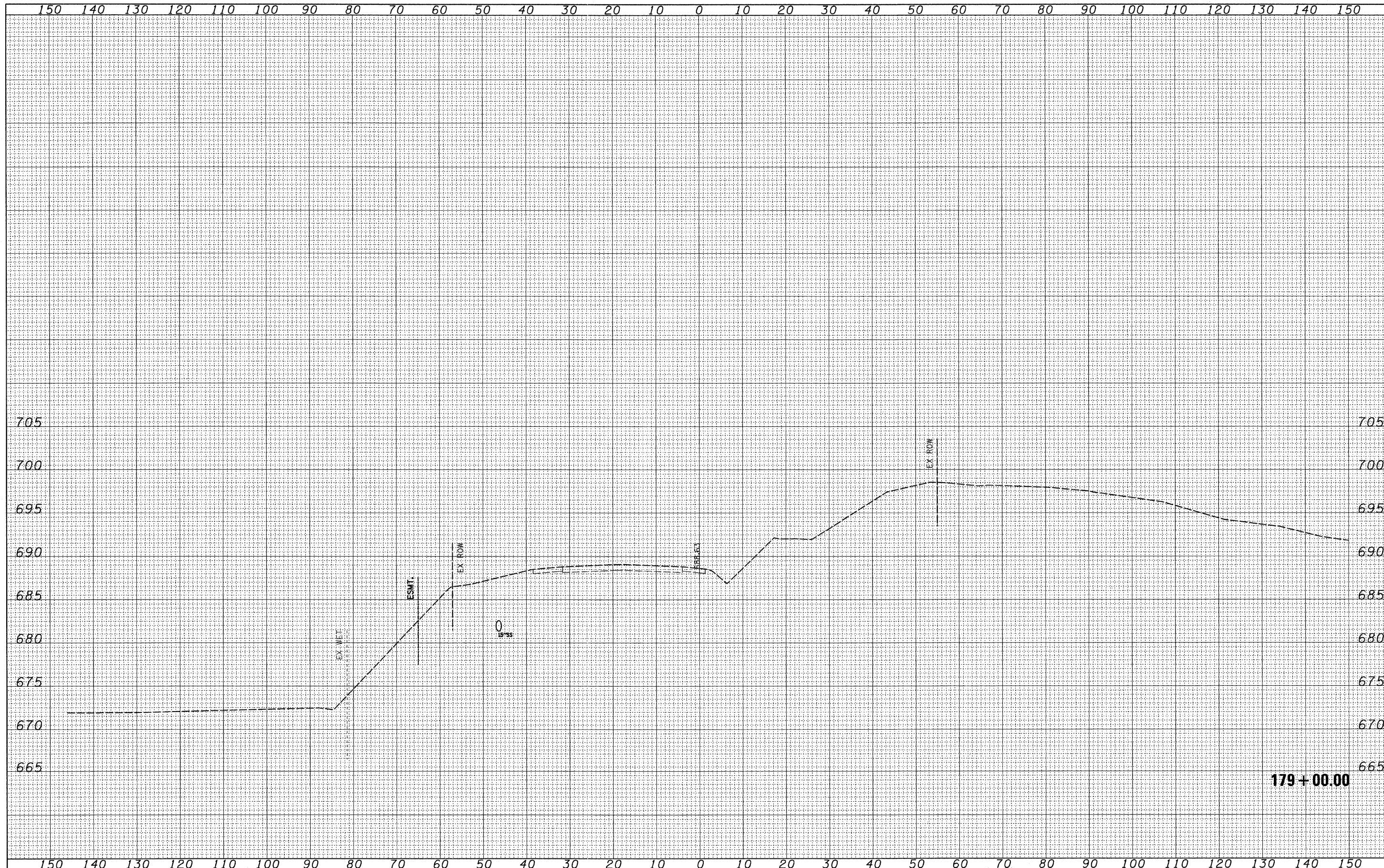


178+00.00

FILE NAME =	USER NAME = IODT	DESIGNED - PDK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 21 CROSS SECTIONS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
h:\102905.1121.ad\cadd sheets\hst-xsec-IL21-12-15-10.dgn		DRAWN - GAP	REVISED -		330	128-1-3	LAKE	128	75			
PLOT SCALE = 10.0000' / IN.		CHECKED - MRH	REVISED -		SCALE:			SHEET NO. OF SHEETS	STA. 178+00.00 TO STA. 178+00.00	CONTRACT NO. 60P33		
PLOT DATE = 4/1/2011		DATE - 12/22/2010	REVISED -		ILLINOIS FED. AID PROJECT							

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	

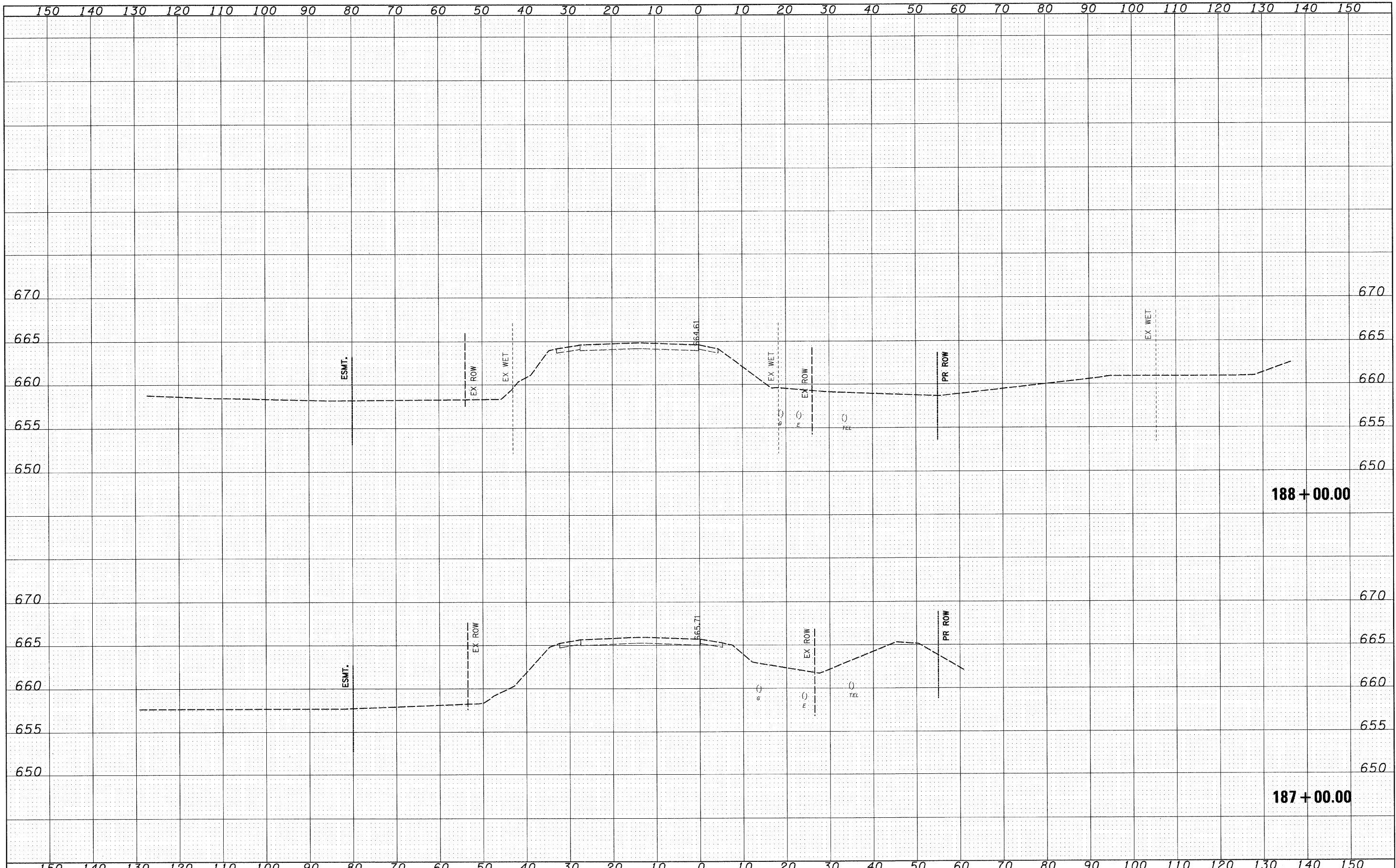
ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	



FILE NAME =	USER NAME = IDOT	DESIGNED - PDK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 21 CROSS SECTIONS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1:\102\05.1121.adv\cadd sheets\sh-t-x-sac-IL 21-12-15-18.dgn		DRAWN - GAP	REVISED -		330	128-1-3	LAKE	128	76		
PLOT SCALE = 10.0000' / IN.		CHECKED - MRH	REVISED -		SCALE:		SHEET NO. OF SHEETS		STA. 179+00.00 TO STA. 179+00.00	CONTRACT NO. 60P33	
PLOT DATE = 4/1/2011		DATE - 12/22/2010	REVISED -						ILLINOIS FED. AID PROJECT		

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188 + 00.00

187 + 00.00

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DRAWN - GAP
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DATE - 12/22/2010

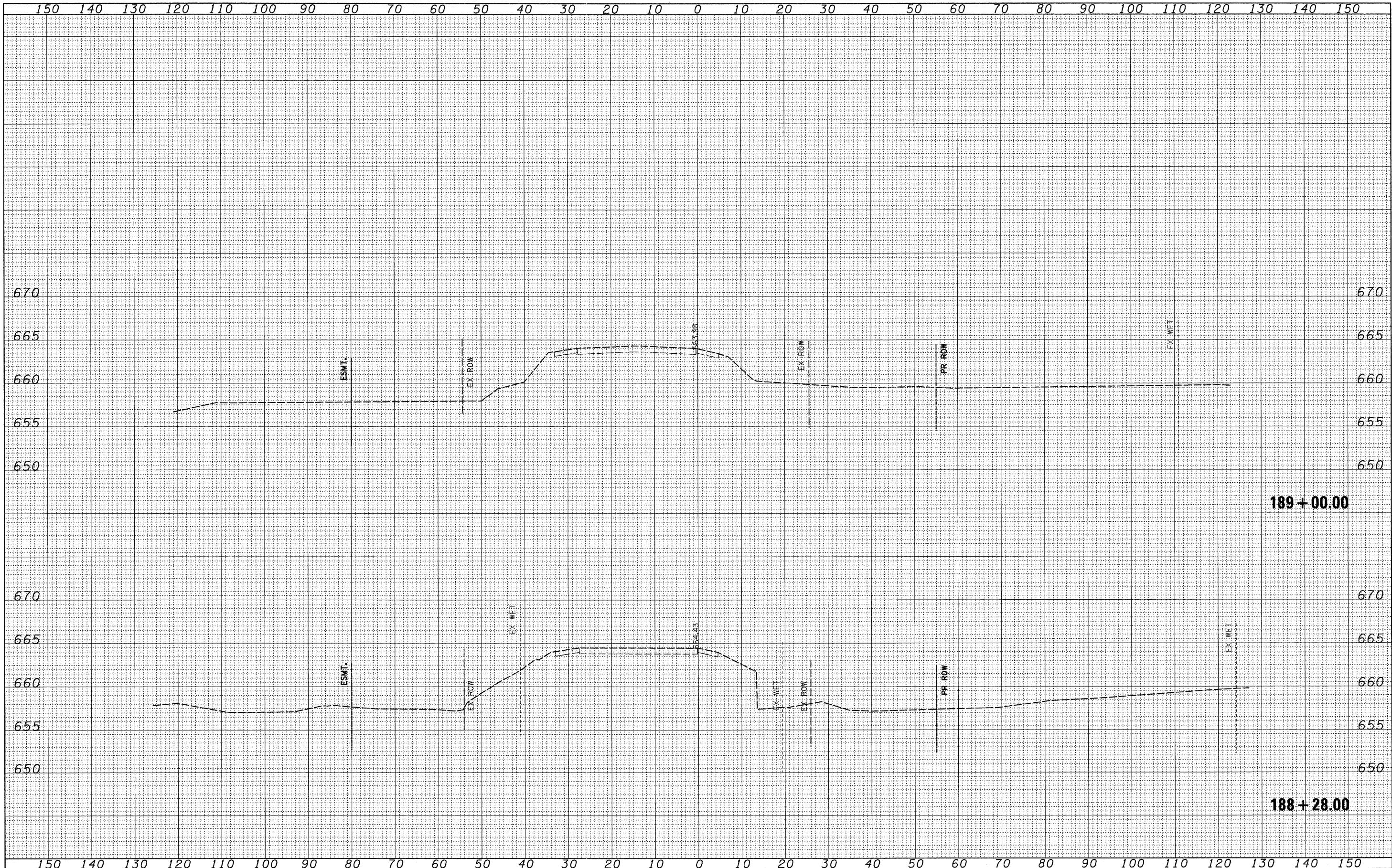
REVISIONS:
REVISED -
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REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 21
CROSS SECTIONS**

SCALE: SHEET NO. OF SHEETS STA. 187+00.00 TO STA. 188+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	128-1-3	LAKE	128	81
CONTRACT NO. 60P33				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

FILE NAME =
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USER NAME = IDOT
 PLOT SCALE = 10.0000' / IN.
 PLOT DATE = 4/1/2011

DESIGNED - PDK
 DRAWN - GAP
 CHECKED - MRH
 DATE - 12/22/2010

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

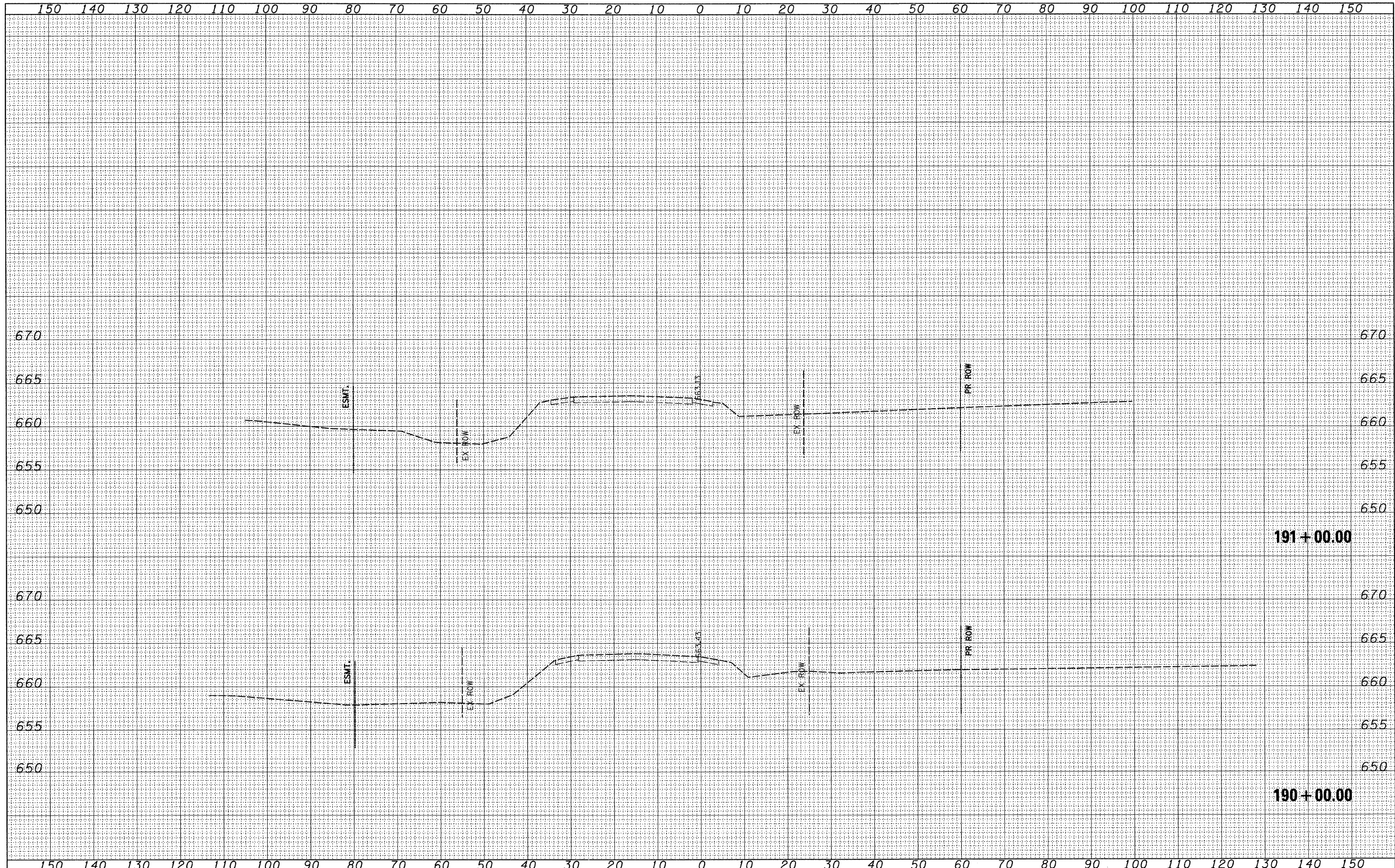
**IL RTE 21
 CROSS SECTIONS**

SCALE: SHEET NO. OF SHEETS STA. 188+28.00 TO STA. 189+00.00

F.A. RTE. 330	SECTION 128-1-3	COUNTY LAKE	TOTAL SHEETS 128	SHEET NO. 82
CONTRACT NO. 60P33				ILLINOIS FED. AID PROJECT

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED TEMPLATE		
	AREAS CHECKED		

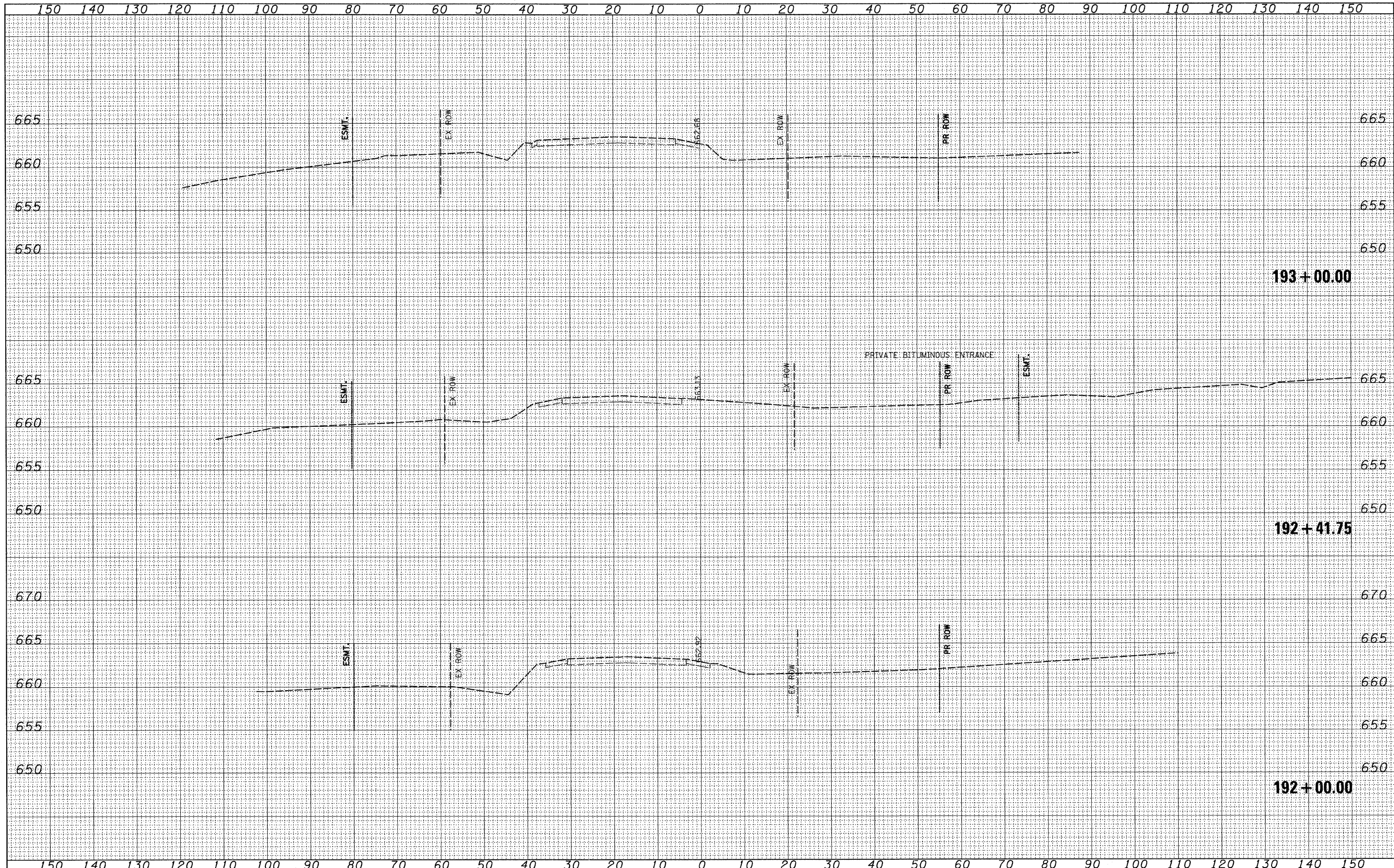
ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED TEMPLATE		
	AREAS CHECKED		



FILE NAME =	USER NAME = IDOT	DESIGNED - PDK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 21 CROSS SECTIONS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11\102905.1121.adv\cadd sheets\sh-t-xseo-IL21-12-15-10.dgn		DRAWN - GAP	REVISED -		330	128-1-3	LAKE	128	83			
PLOT SCALE = 10.0000' / IN.		CHECKED - MRH	REVISED -		SCALE: SHEET NO. OF SHEETS STA. 190+00.00 TO STA. 191+00.00			CONTRACT NO. 60P33				
PLOT DATE = 4/1/2011		DATE - 12/22/2010	REVISED -		ILLINOIS FED. AID PROJECT							

DATE	BY
NO.	NO.
AREAS CHECKED	AREAS CHECKED
TEMPLATES	TEMPLATES
PLOTTED	PLOTTED
SURVEYED	SURVEYED
FINAL SURVEY	FINAL SURVEY

DATE	BY
NO.	NO.
AREAS CHECKED	AREAS CHECKED
TEMPLATES	TEMPLATES
PLOTTED	PLOTTED
SURVEYED	SURVEYED
ORIGINAL SURVEY	ORIGINAL SURVEY



FILE NAME = \\102905_1121adv\cadd sheets\shl\ksao\1L21-12-10-10.dgn
 PLOT SCALE = 10.0000' / IN.
 PLOT DATE = 4/1/2011

USER NAME = IDOT
 DESIGNED - PDK
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 CHECKED - MRH
 DATE - 12/22/2010

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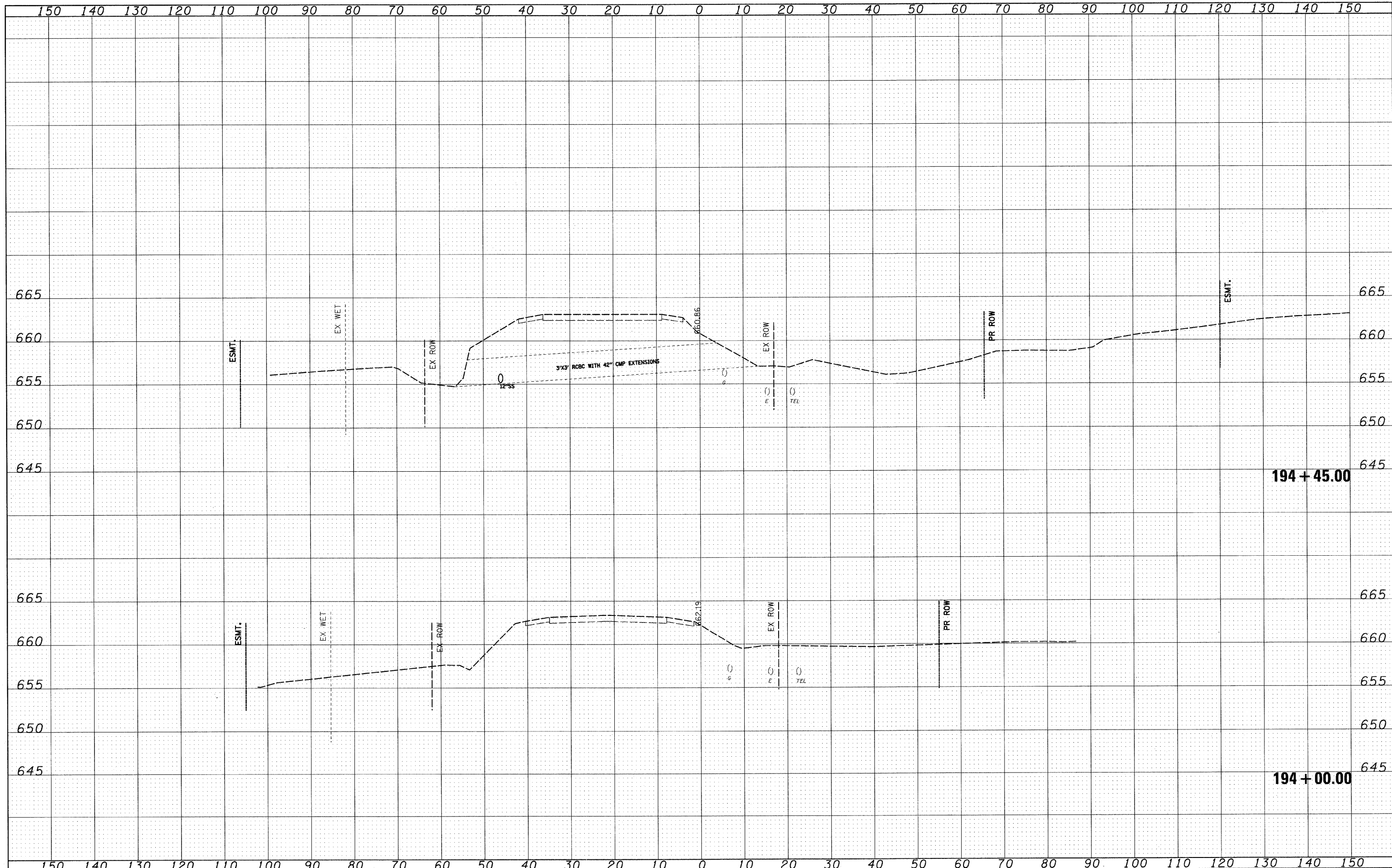
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL RTE 21
 CROSS SECTIONS
 SCALE: SHEET NO. OF SHEETS STA. 192+00.00 TO STA. 193+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	128-1-3	LAKE	128	84
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60P33	

DATE	
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NOTE BOOK	
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ORIGINAL	

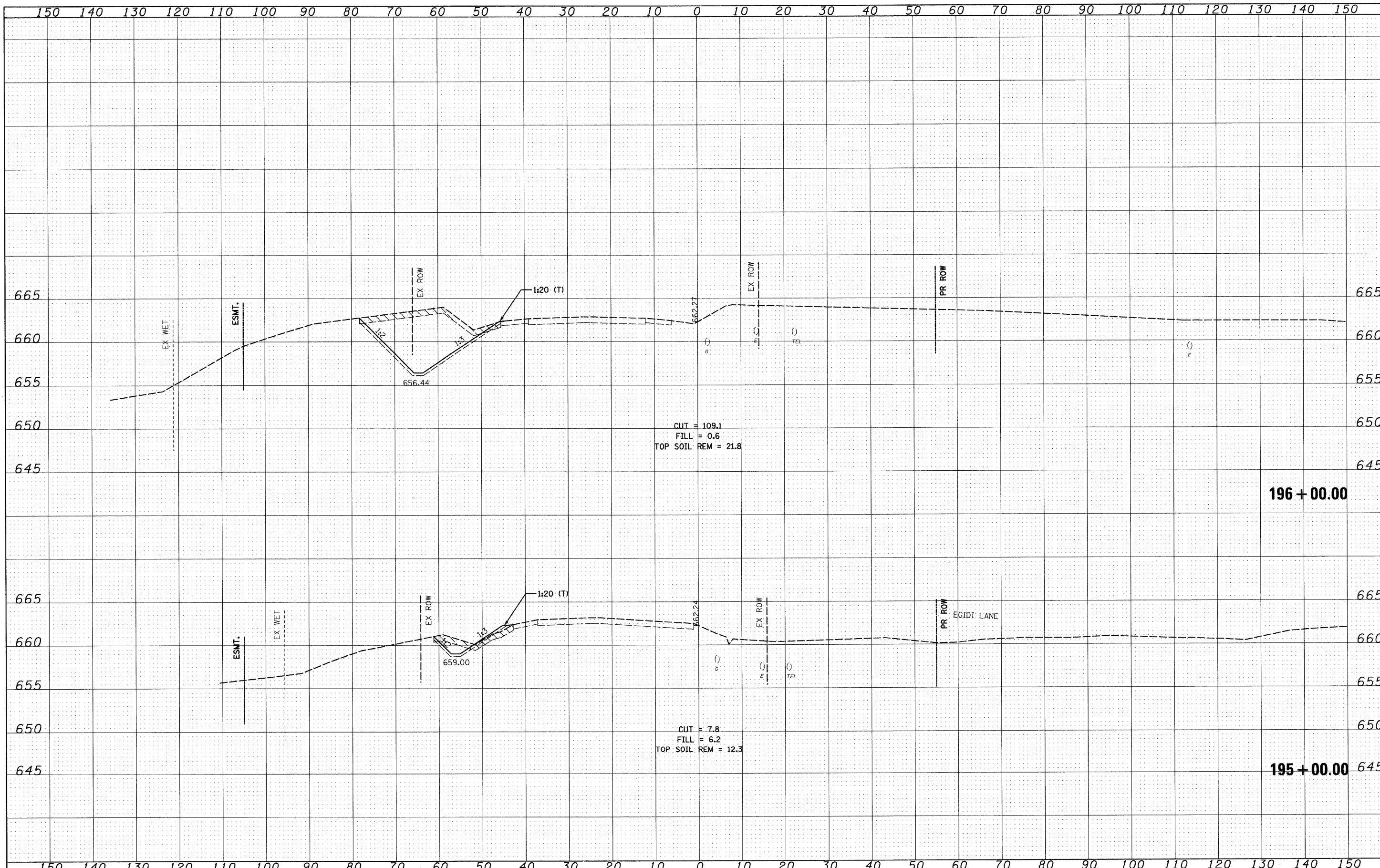
DATE	
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DESIGNED	
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NOTE BOOK	
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TEMPLATE	
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FINISHED	
SURVEY	
ORIGINAL	



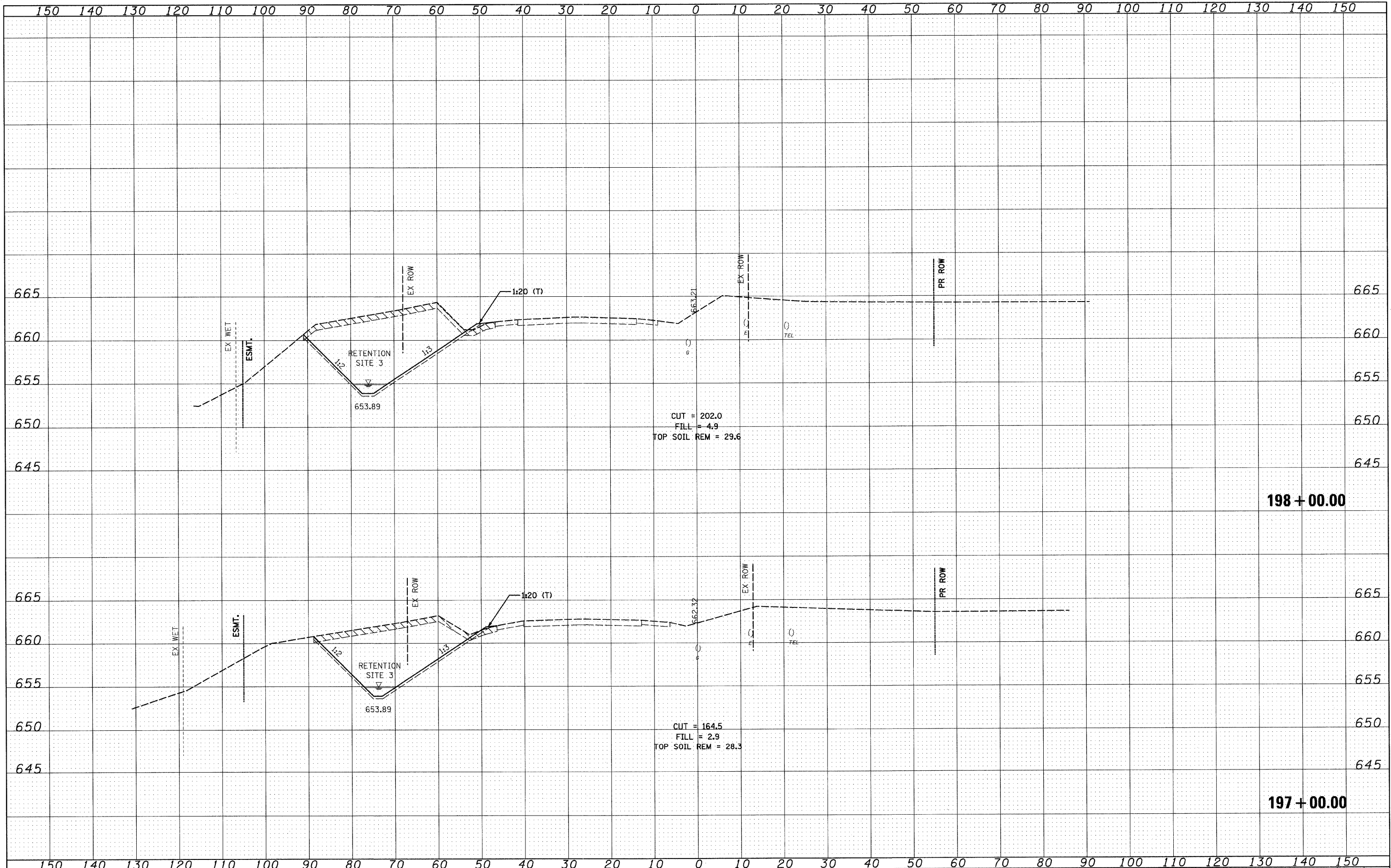
FILE NAME =	USER NAME = IDOT	DESIGNED - PDK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 21 CROSS SECTIONS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I:\1102905.IL21.cad\CADD Sheets\shd-xsec-IL21-12-6-10_DELETE.dgn	DRAWN - GAP	CHECKED - MRH	REVISED -		330	128-I-3	LAKE	128	85		
PLOT SCALE = 1/8" = 1' / IN.	CHECKED - MRH	DATE - 12/22/2010	REVISED -		SCALE: SHEET NO. OF SHEETS STA. 194+00.00 TO STA. 194+45.00		CONTRACT NO. 60P33		ILLINOIS FED. AID PROJECT		
PLOT DATE = 5/7/2011	DATE - 12/22/2010	REVISED -	REVISED -								

DATE	
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NOTE BOOK	
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FILE NAME =	USER NAME = IDOT	DESIGNED - PDK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 21 CROSS SECTIONS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I:\1102405_IL21.ed\ACADD Sheets\sh-t-xsec-IL21-12-16-10_DELETE.dgn		DRAWN - GAP	REVISED -		330	128-1-3	LAKE	128	86		
PLOT SCALE = 1/8" = 1' IN.		CHECKED - MRH	REVISED -		CONTRACT NO. 60P33			ILLINOIS FED. AID PROJECT			
PLOT DATE = 5/7/2011		DATE - 12/22/2010	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. 195+00.00 TO STA. 196+00.00				



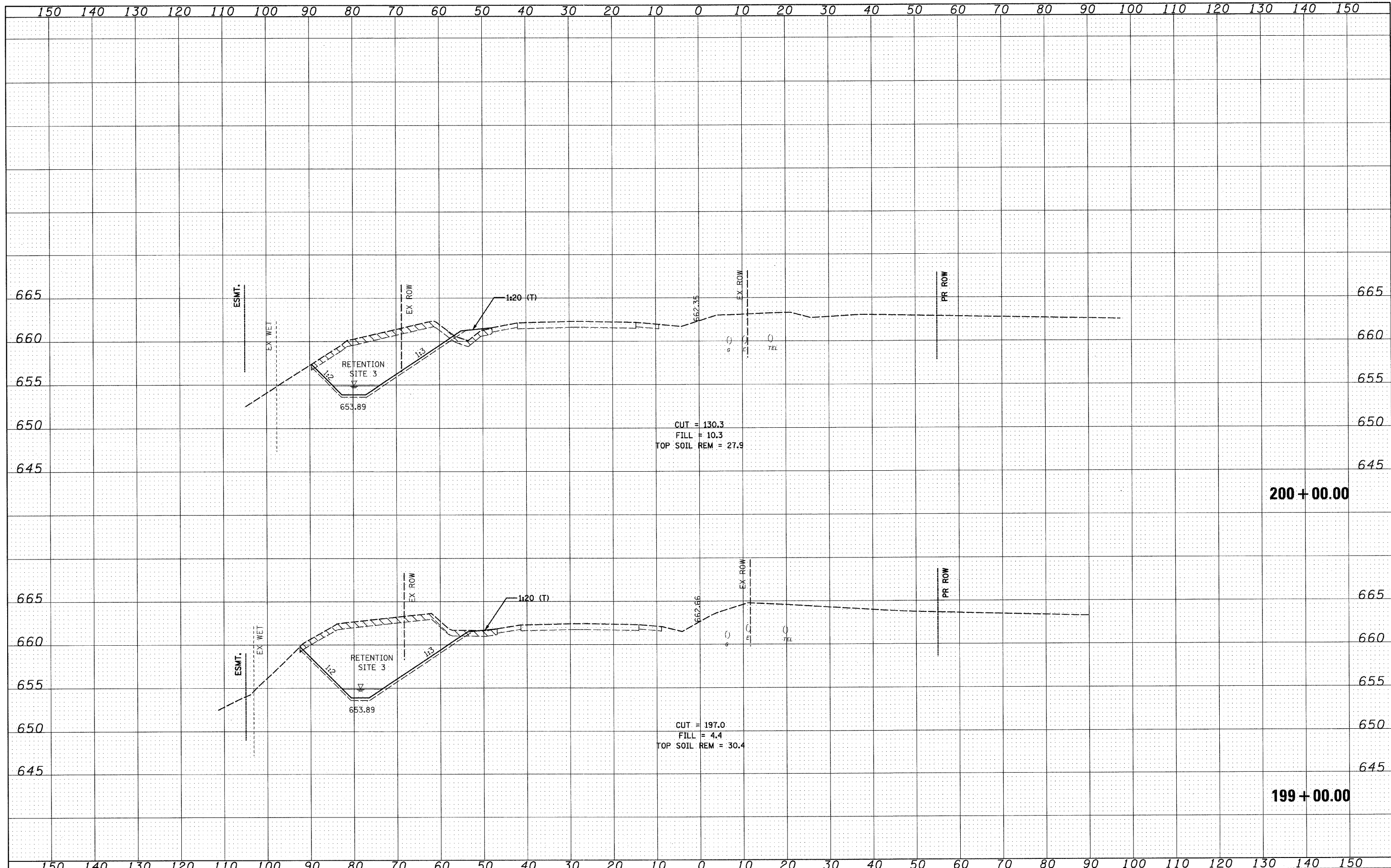
DATE	BY	REVIEWED	DATE
		DESIGNED	DATE
		DRAWN	DATE
		CHECKED	DATE
		REVISIONS	DATE

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NO.	AREAS CHECKED	DATE

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NOTE BOOK	
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AREAS CHECKED	

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NOTE BOOK	
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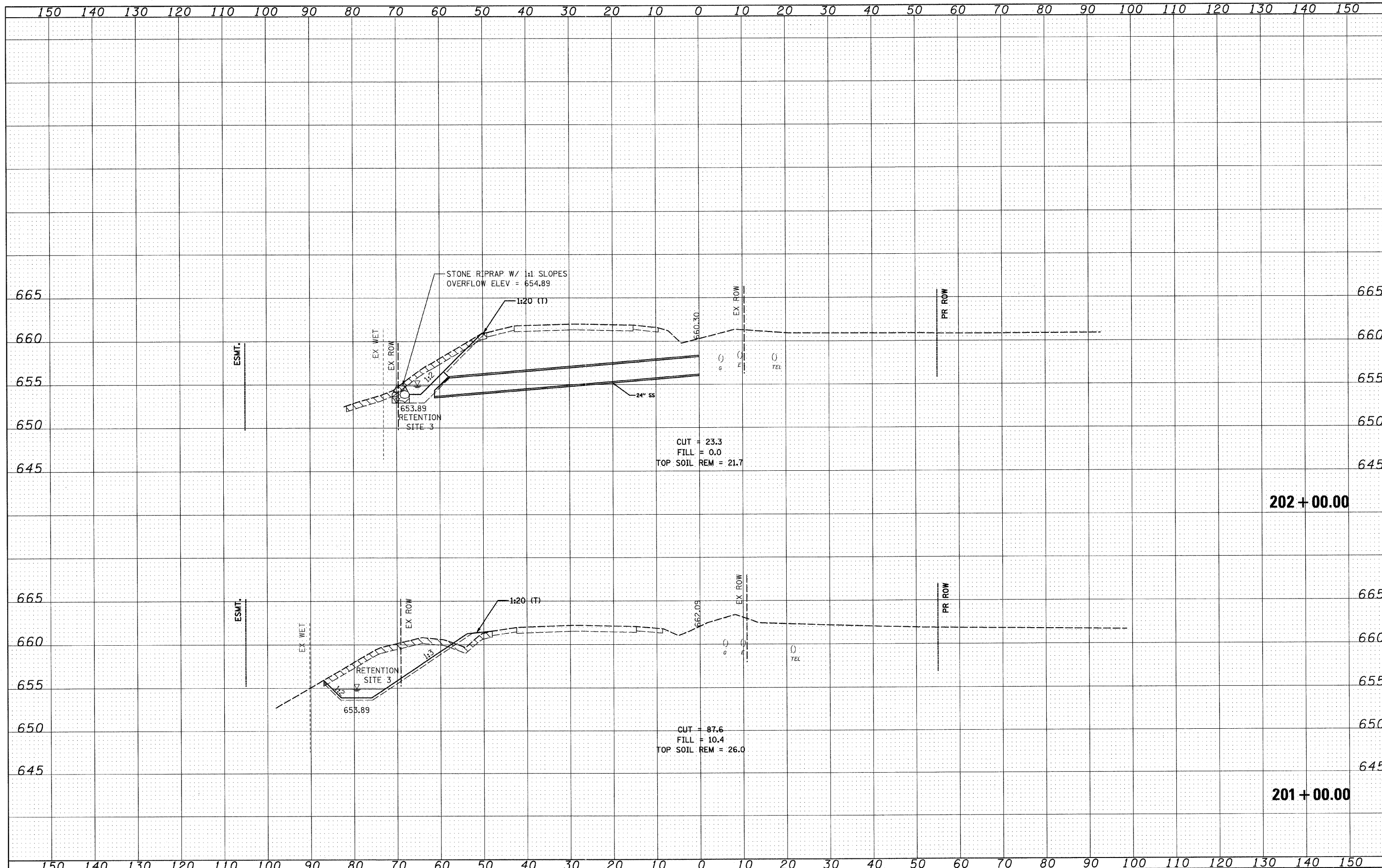


200 + 00.00

199 + 00.00

FILE NAME =	USER NAME = IDOT	DESIGNED - PDK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 21 CROSS SECTIONS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
i:\102905_IL21.edv\CADD Sheets\sh-xsec-IL21-12-6-10_DELETE.dgn	PLOT SCALE = 10.0000' / IN.	DRAWN - GAP	REVISED -			330	128-1-3	LAKE	128	88
PLOT DATE = 5/7/2011	DATE = 12/22/2010	CHECKED - MRH	REVISED -			CONTRACT NO. 60P33				
SCALE:						SHEET NO. OF SHEETS STA. 199+00.00 TO STA. 200+00.00				

ILLINOIS FED. AID PROJECT



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FILE NAME = I:\102905_IL21.edv\CADD Sheets\shh-xsec-IL21-12-6-10_DELETE.dgn
 PLOT SCALE = 1/8" = 1' / IN.
 PLOT DATE = 5/7/2011

USER NAME = IDOT
 DESIGNED - PDK
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 CHECKED - MRH
 DATE - 12/22/2010

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

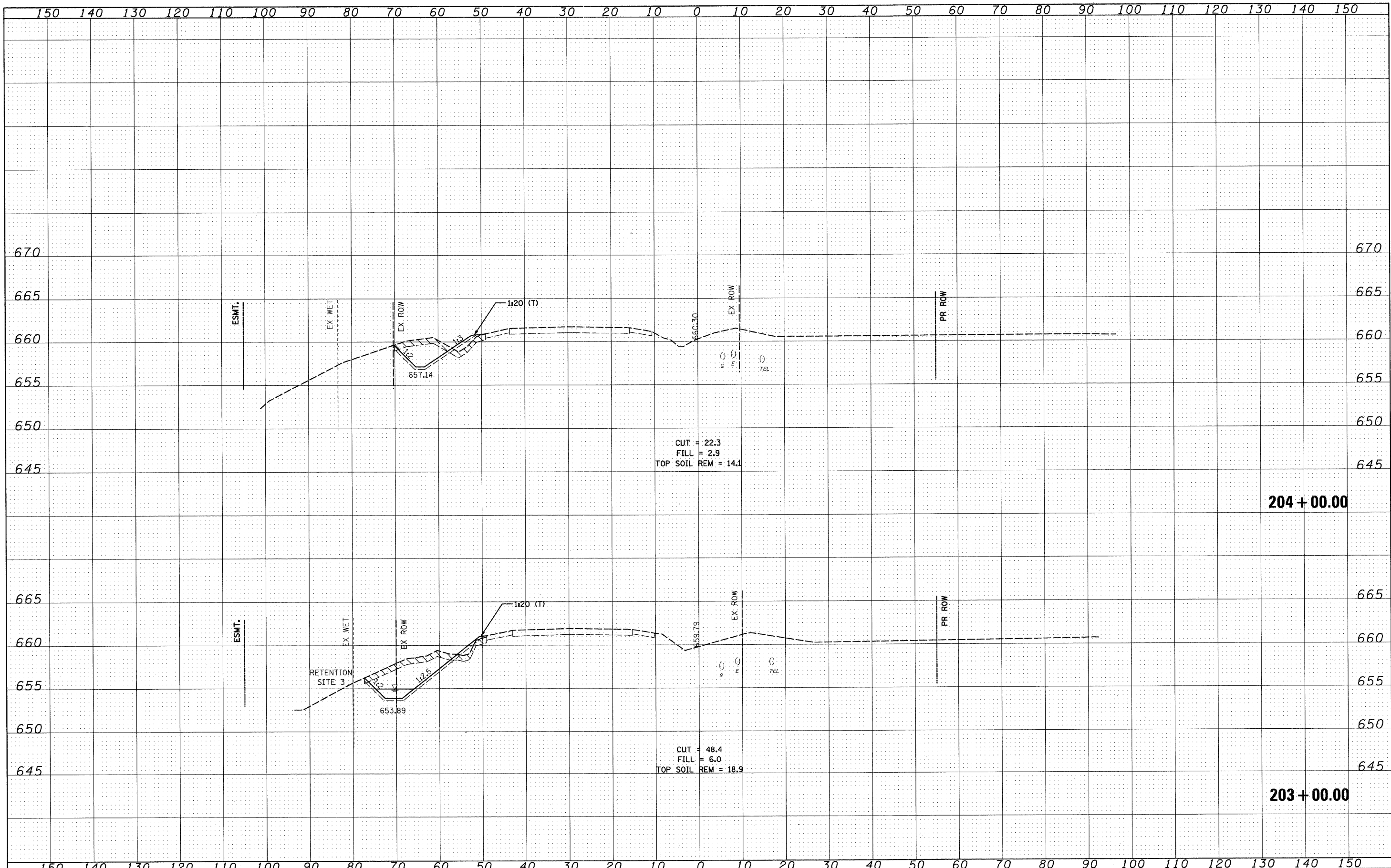
**IL RTE 21
 CROSS SECTIONS**

SCALE: SHEET NO. OF SHEETS STA. 201+00.00 TO STA. 202+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	128-I-3	LAKE	128	89
CONTRACT NO. 60P33				
ILLINOIS FED. AID PROJECT				

DATE	
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TEMPLATE	
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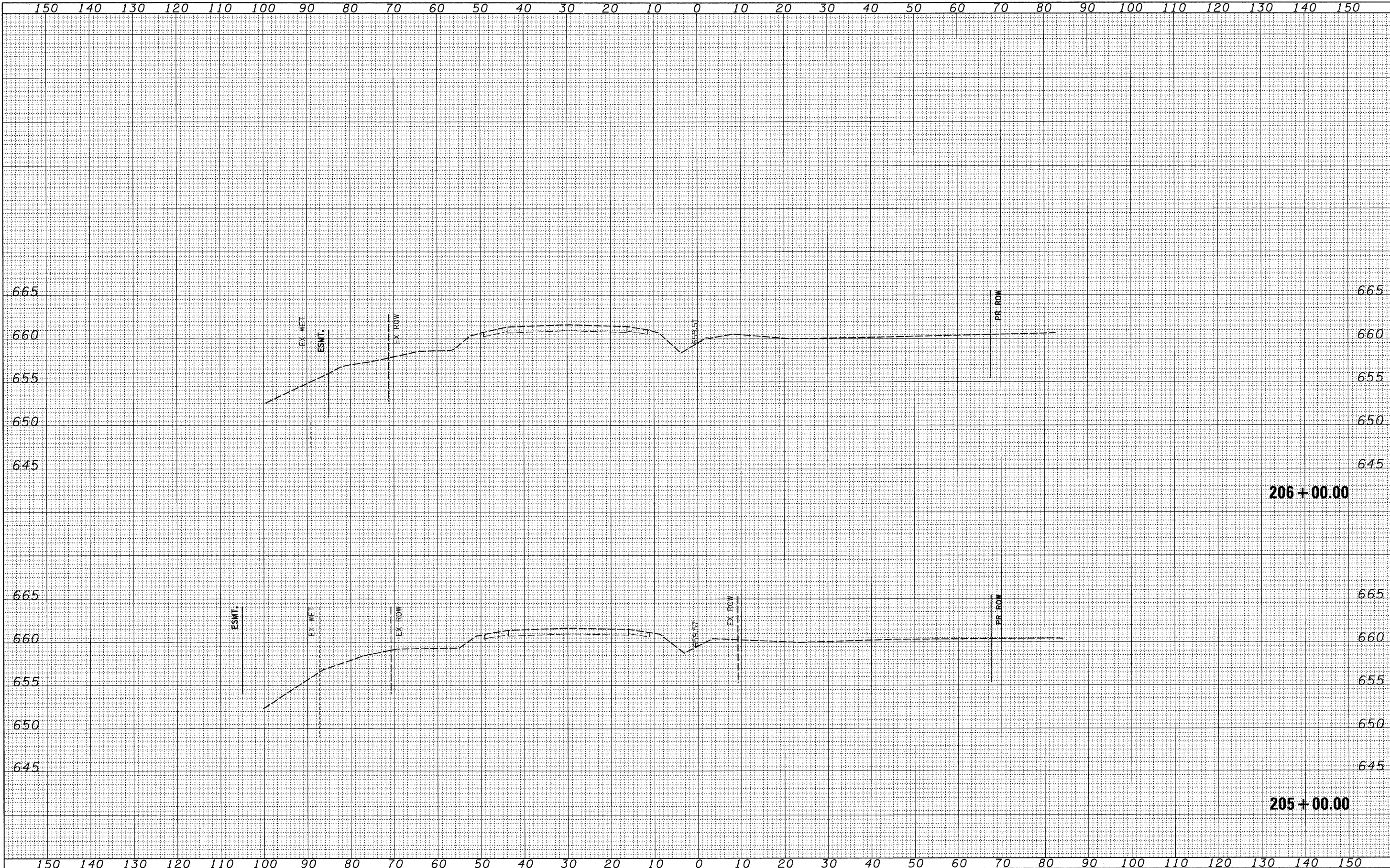
DATE	
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ORIGINAL SURVEY	
REVISIONS	
NOTE BOOK	
TEMPLATE	
AREAS CHECKED	
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PLOT SCALE = 10.0000 "/ IN.	CHECKED - MRH	REVISIONS -	REVISIONS -		SCALE:	SHEET NO. OF	SHEETS	STA. 203+00.00	TO STA. 204+00.00	CONTRACT NO. 60P33		
PLOT DATE = 5/7/2011	DATE - 12/22/2010	REVISIONS -	REVISIONS -		ILLINOIS FED. AID PROJECT							

FINAL SURVEY	DESIGNED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		

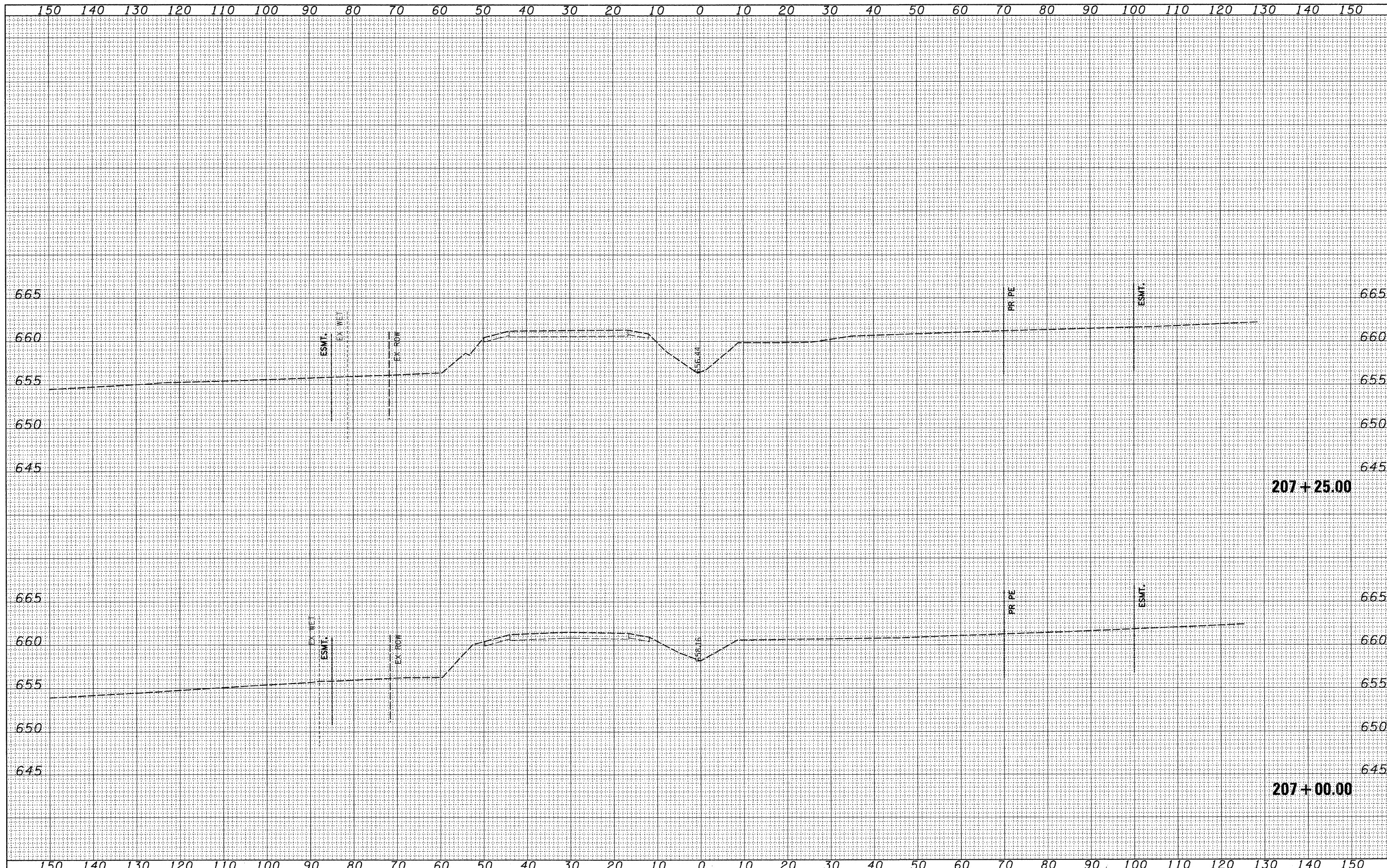
ORIGINAL SURVEY	DESIGNED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		



FILE NAME =	USER NAME = IDOT	DESIGNED - PDK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 21 CROSS SECTIONS	SCALE:	SHEET NO. OF SHEETS	STA. 205+00.00 TO STA. 206+00.00	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
u:\102905_1121.ed\load sheets\sh-t-xseo-IL21-12-15-10.dgn	DRAWN - GAP	REVISED -	330						128-I-3	LAKE	128	91	
PLOT SCALE = 10.0000' / IN.	CHECKED - MRH	REVISED -	CONTRACT NO. 60P33										
PLOT DATE = 4/1/2011	DATE - 12/22/2010	REVISED -	[ILLINOIS] FED. AID PROJECT										

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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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	AREAS CHECKED

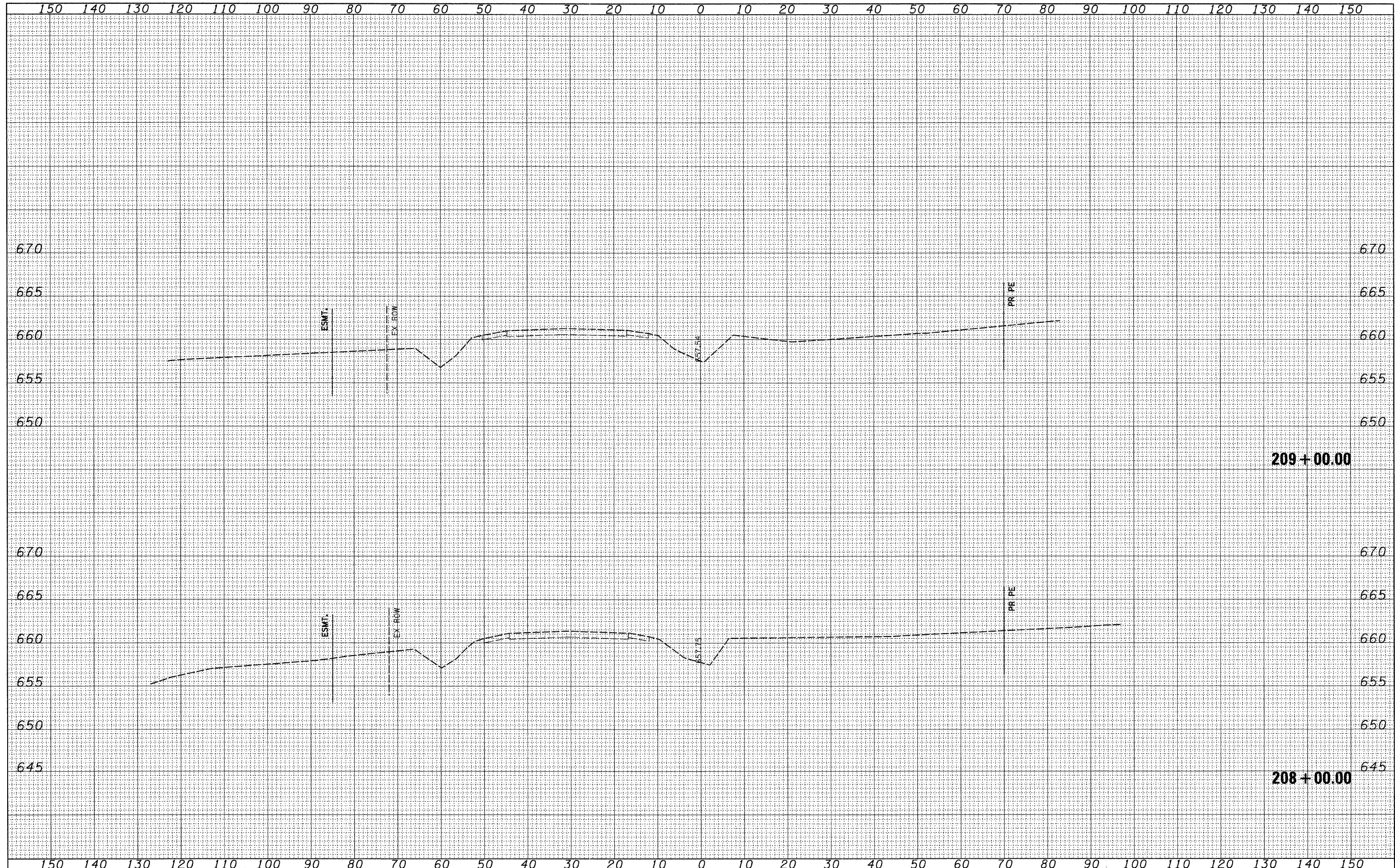
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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FILE NAME =	USER NAME = IDOT	DESIGNED - PDK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 21 CROSS SECTIONS		F.A. RTE. 330	SECTION 128-1-3	COUNTY LAKE	TOTAL SHEETS 128	SHEET NO. 92	
u:\102905_1121_adv\cadd sheets\sh-t-xsec-IL21-12-15-10.dgn	PLOT SCALE = 10.0000' / IN.	DRAWN - GAP	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. 207+00.00 TO STA. 207+25.00	CONTRACT NO. 60P33				
	PLOT DATE = 4/1/2011	CHECKED - MRH	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE - 12/22/2010	REVISED -									

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
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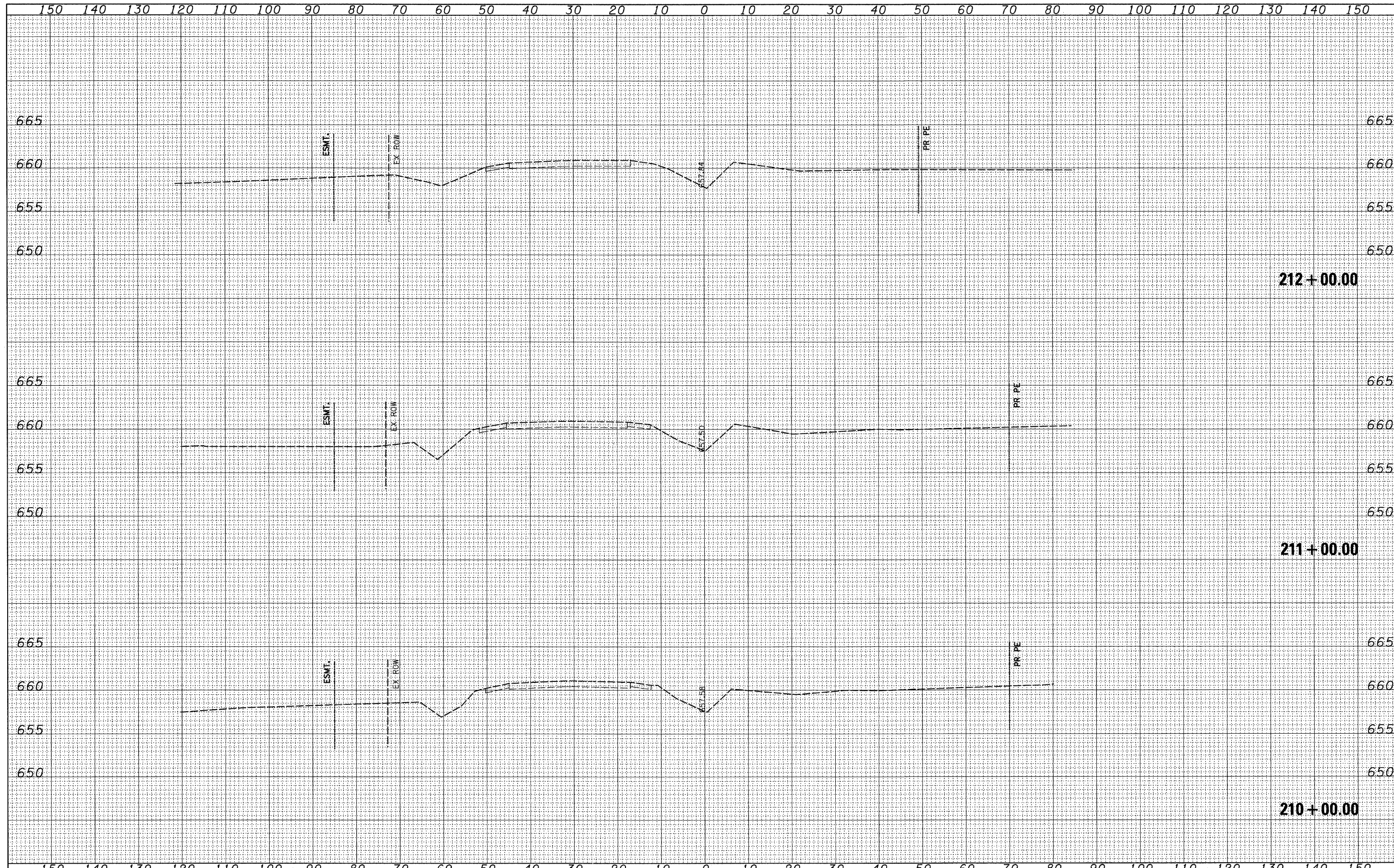
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NOTE BOOK NO.	PLOTTED		
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	AREAS CHECKED		



FILE NAME -	USER NAME = IDOT	DESIGNED - PDK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 21 CROSS SECTIONS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
r:\102905_1121_adv\cadd sheets\sh-t-xsec-1121-12-13-10.dgn		DRAWN - GAP	REVISED -		330	128-1-3	LAKE	128	93			
PLOT SCALE = 10.0000' / IN.		CHECKED - MRH	REVISED -		SCALE: SHEET NO. OF SHEETS STA. 208+00.00 TO STA. 209+00.00			CONTRACT NO. 60P33				
PLOT DATE = 4/1/2011		DATE - 12/22/2010	REVISED -		ILLINOIS FED. AID PROJECT							

DATE	BY	SURVEYED	PLOTTED
NOTE BOOK NO.	TEMPLATE NO.	AREAS CHECKED	

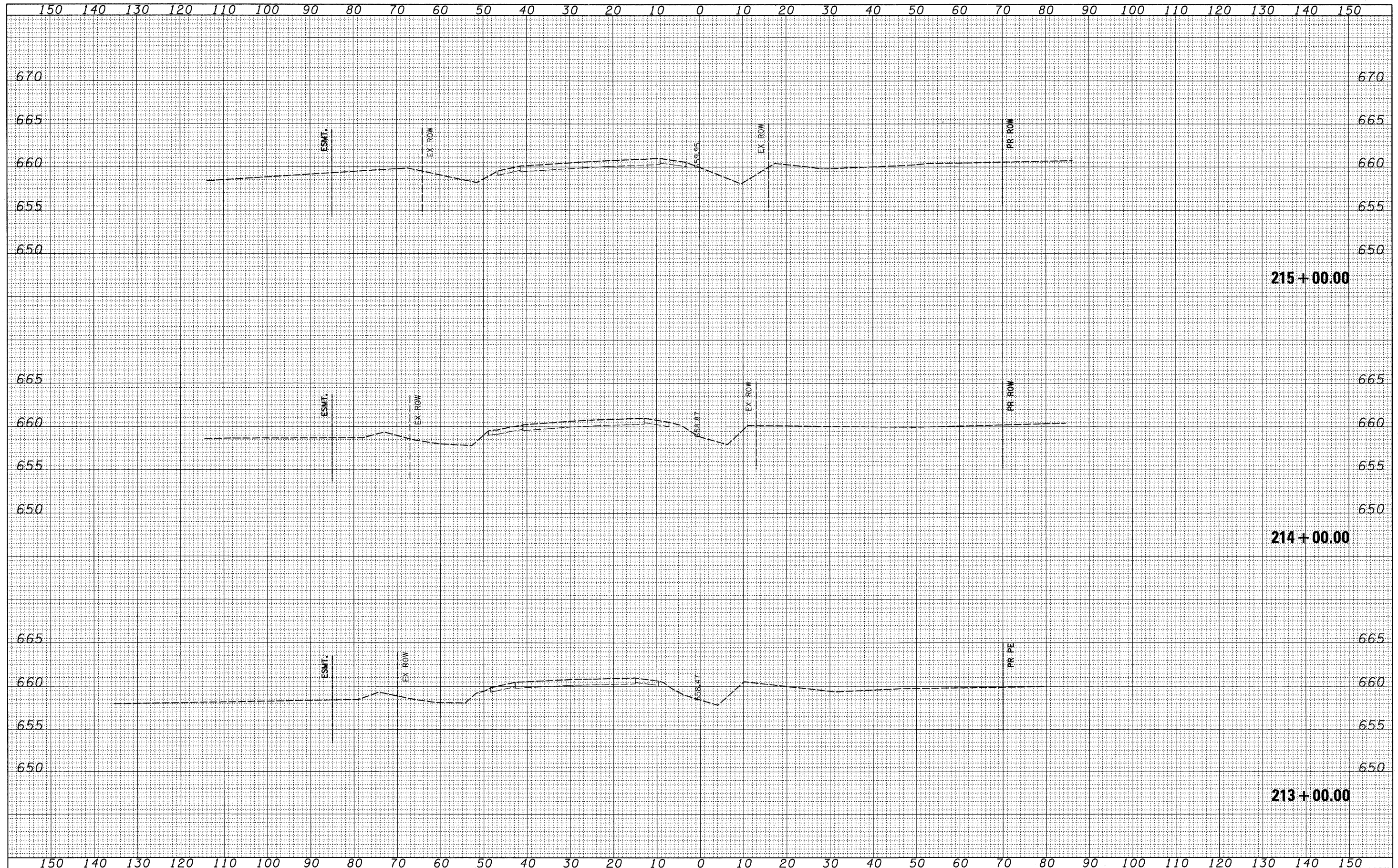
DATE	BY	SURVEYED	PLOTTED
NOTE BOOK NO.	TEMPLATE NO.	AREAS CHECKED	



FILE NAME =	USER NAME = IDOT	DESIGNED - PDK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 21 CROSS SECTIONS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
h:\102\05_1121.ad\cadd sheets\sh-t-xseo-1121-12-13-18.dgn	PLOT SCALE = 10.0000' / IN.	DRAWN - GAP	REVISED -			330	128-1-3	LAKE	128	94
PLOT DATE = 4/1/2011	DATE - 12/22/2010	CHECKED - MRH	REVISED -			CONTRACT NO. 60P33		ILLINOIS FED. AID PROJECT		
		DATE - 12/22/2010	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. 210+00.00 TO STA. 212+00.00		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		

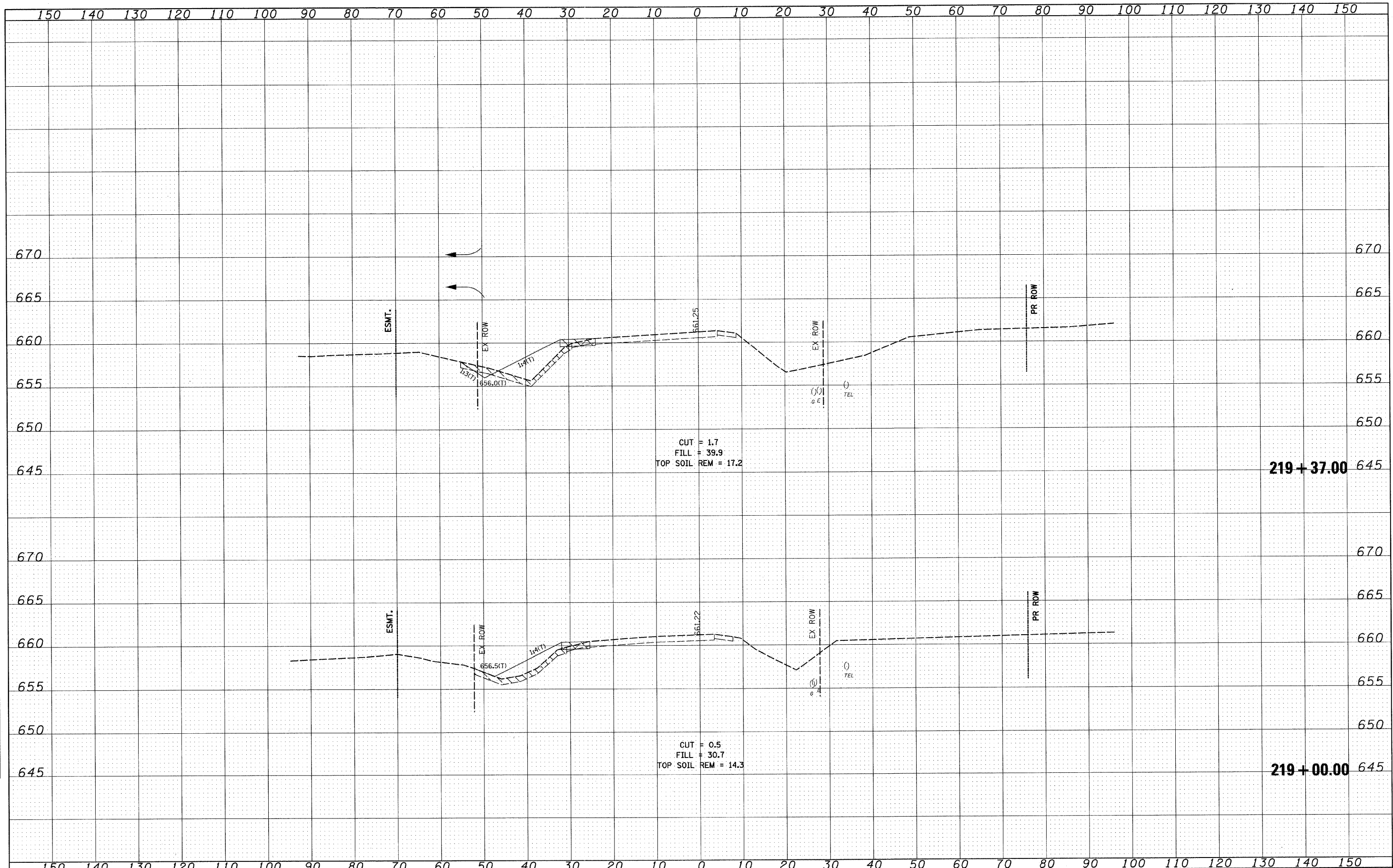
ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		



FILE NAME =	USER NAME = IDOT	DESIGNED - PDK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 21 CROSS SECTIONS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11\102905_1121.ad\cadd sheets\sh-t-xsec-1L21-12-10.dgn		DRAWN - GAP	REVISED -		330	128-1-3	LAKE	128	95				
PLOT SCALE = 10.0000' / IN.		CHECKED - MRH	REVISED -		CONTRACT NO. 60P33								
PLOT DATE = 4/1/2011		DATE - 12/22/2010	REVISED -		ILLINOIS FED. AID PROJECT								
					SCALE:	SHEET NO. OF SHEETS	STA. 213+00.00 TO STA. 215+00.00						

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TEMP. PLATE	
NOTE BOOK	
AREAS CHECKED	
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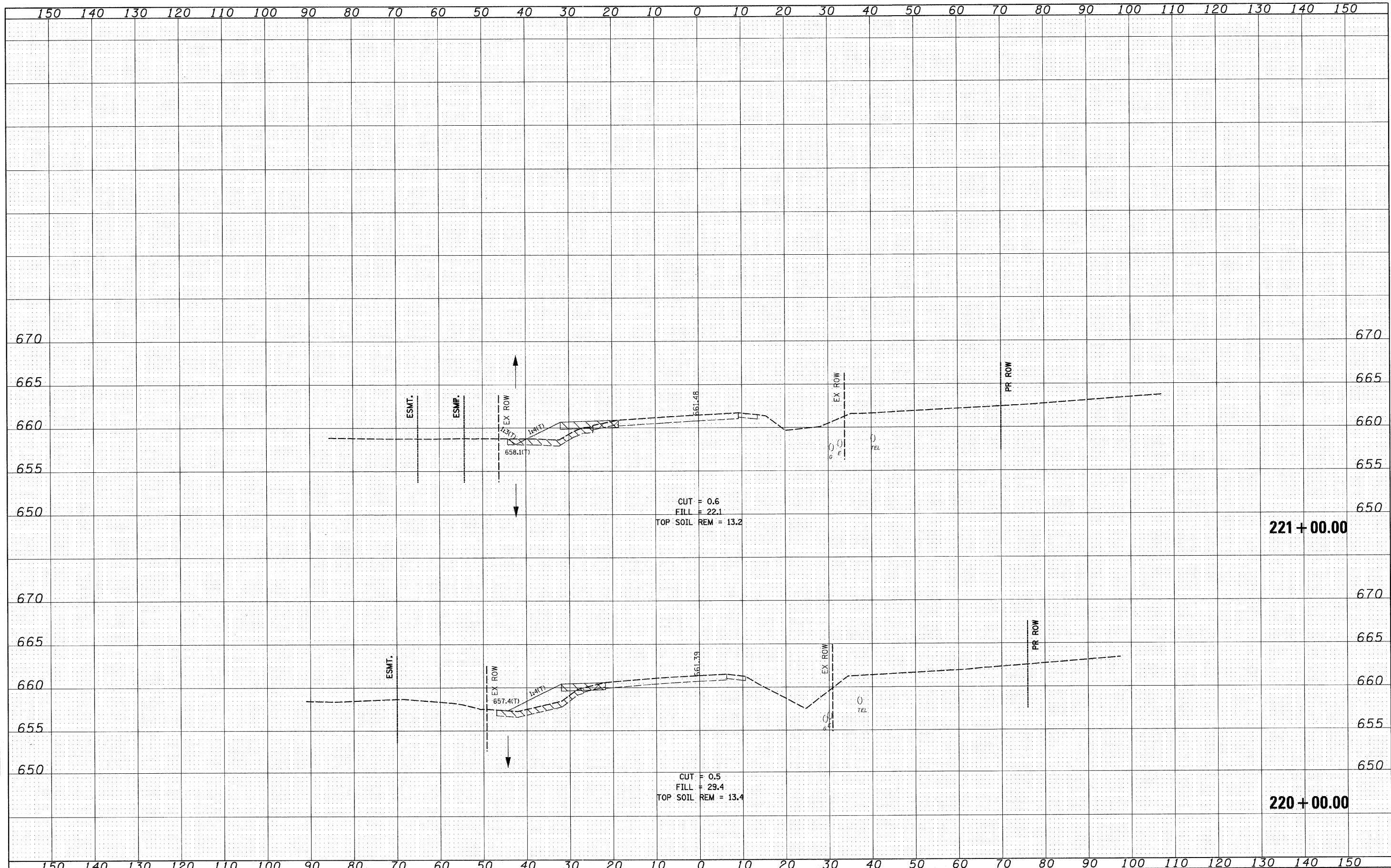
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ORIGINAL SURVEY	
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TEMP. PLATE	
NOTE BOOK	
AREAS CHECKED	
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I:\102905_IL21.adv\CADD Sheets\sh-t-xsec-IL21-12-16-10_DELETE.dgn		DRAWN - GAP	REVISED -		330	128-1-3	LAKE	128	97			
PLOT SCALE = 10.0000' / IN.		CHECKED - MRH	REVISED -		CONTRACT NO. 60P33							
PLOT DATE = 5/7/2011		DATE - 12/22/2010	REVISED -		ILLINOIS FED. AID PROJECT							
				SCALE:	SHEET NO.	OF	SHEETS	STA. 219+00.00	TO STA. 219+37.00			

DATE	
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FILE NAME = I:\182905_IL21.edv\CADD Sheets\sh-t-xsec-IL21-12-6-10_DELETE.dgn
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 PLOT DATE = 5/7/2011

DESIGNED - PDK
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

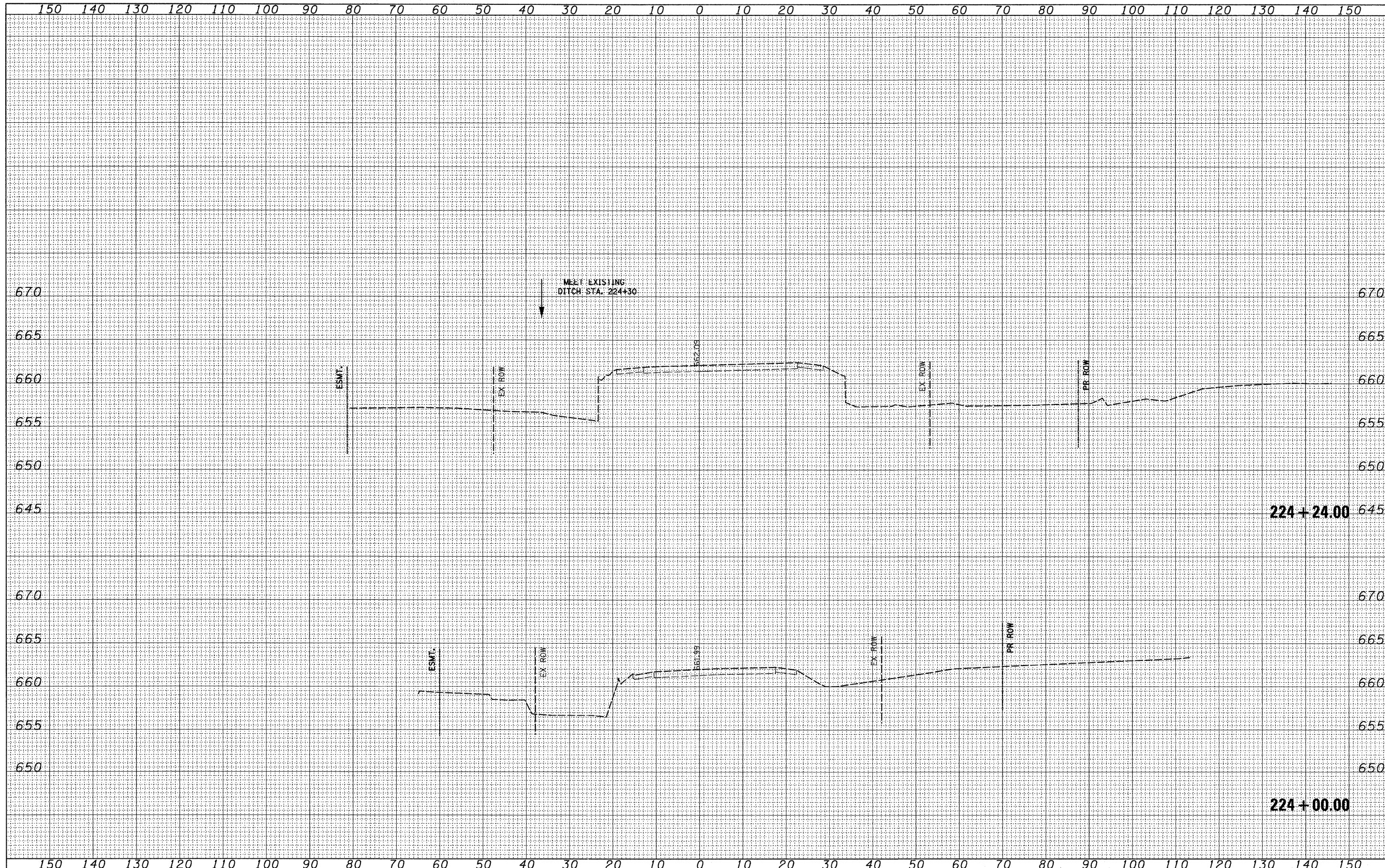
IL RTE 21
 CROSS SECTIONS

SCALE: SHEET NO. OF SHEETS STA. 220+00.00 TO STA. 221+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	128-1-3	LAKE	128	98
CONTRACT NO. 60P33				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED TEMPLATE		
	AREAS CHECKED		



FILE NAME =	USER NAME = IDOT	DESIGNED - PDK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE 21 CROSS SECTIONS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1:\102905_1121.ad\cadd sheets\sh-t-xsec-1L21-12-15-10.dgn		DRAWN - GAP	REVISED -		330	128-1-3	LAKE	128	100			
PLOT SCALE = 10.0000' / IN.		CHECKED - MRH	REVISED -		SCALE:			SHEET NO. OF SHEETS	STA. 224+00.00 TO STA. 224+24.00	CONTRACT NO. 60P33		
PLOT DATE = 4/1/2011		DATE - 12/22/2010	REVISED -		ILLINOIS FED. AID PROJECT							