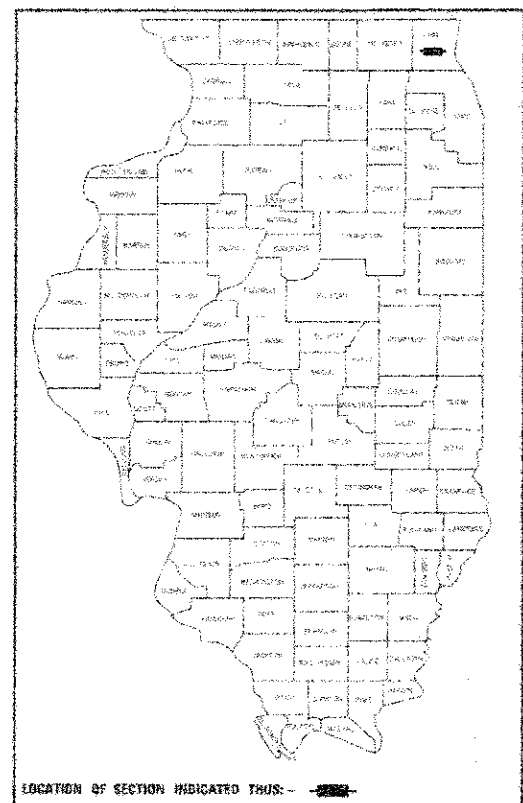


PLANS FOR PROPOSED FEDERAL AID HIGHWAY

F.A.U. RTE. 0187 (WASHINGTON STREET)
 CEDAR LAKE ROAD TO HAINESVILLE ROAD
 WIDENING, BICYCLE AND PEDESTRIAN ACCOMMODATIONS
 SECTION 05-00121-07-WR
 PROJECT NO. M-TE-00D1 (888)
 LAKE COUNTY
 C-91-029-07

PLAN NO.	SECTION	COUNTY	SHEET NO.
05-00121-07-WR	LAKE	273	1
CONTRACT NO. 63765			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT 1.2 225 7661			



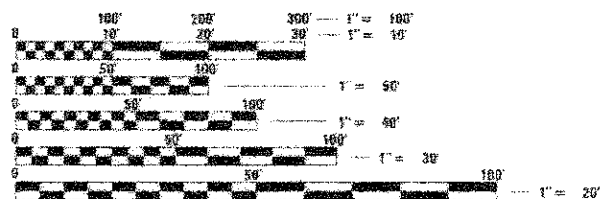
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FOR LIST OF STATE STANDARDS, SEE SHEET NO. 2

WASHINGTON STREET:
 DESIGN DESIGNATION = MINOR ARTERIAL URBAN
 POSTED SPEED = 30 MPH, DESIGN SPEED = 35 MPH
 2006 ADT = 13,100 VPD

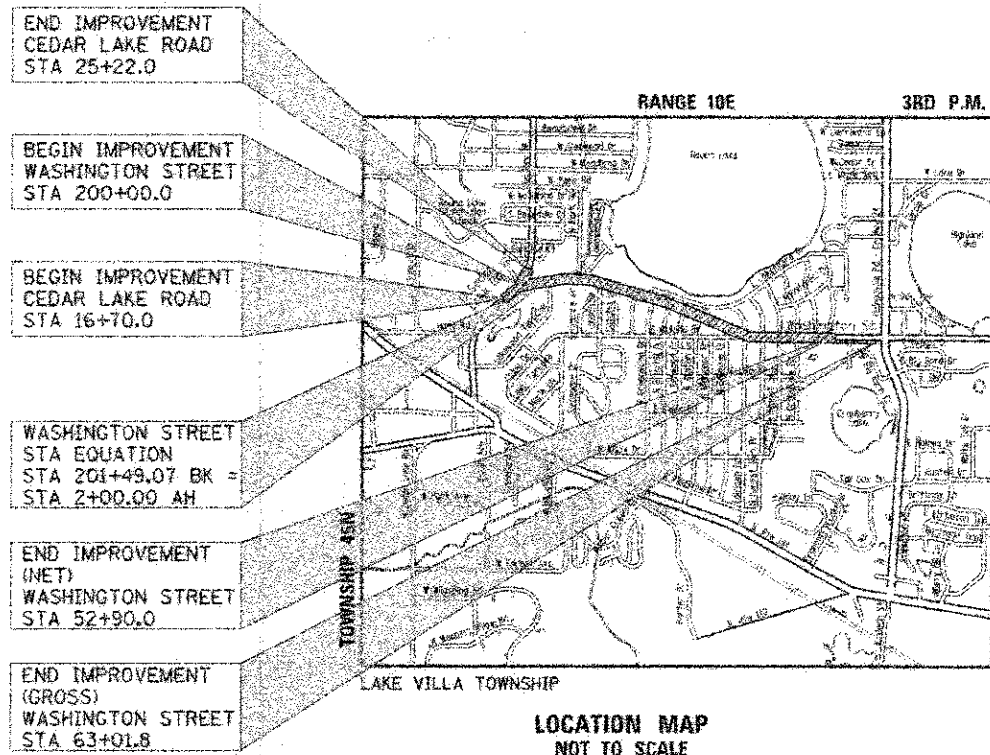
CEDAR LAKE ROAD:
 DESIGN DESIGNATION = MINOR ARTERIAL URBAN
 POSTED SPEED = 30 MPH, DESIGN SPEED = 35 MPH
 2006 ADT = 15,100 VPD



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 LOCATION INFORMATION FOR EXCAVATION
 1.800.892.0123 OR 811



PROJECT LOCATED IN THE VILLAGES OF HAINESVILLE, ROUND LAKE PARK, AND ROUND LAKE.

PROJECT LENGTH:

WASHINGTON STREET (STA 200+00.0 TO STA 63+01.8) - 6,250.87 FT (1.18 MILE) (GROSS)
 WASHINGTON STREET (STA 200+00.0 TO STA 52+90.0) - 5,239.07 FT (0.99 MILE) (NET)
 CEDAR LAKE ROAD (STA 16+70.0 TO STA 25+22.0) - 852.0 FT (0.12 MILE) (GROSS & NET)
 PROJECT TOTAL - 6,460.87 FT (1.22 MILE) (GROSS)
 PROJECT TOTAL - 6,091.07 FT (1.15 MILE) (NET)

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

Approved: 12/12/12
[Signature]
 COUNTY ENGINEER, LAKE COUNTY, ILLINOIS

Permit: JANUARY 9, 2013
[Signature] C. HOLT
 COUNTY ENGINEER, LAKE COUNTY, ILLINOIS

Releasing for Bid Based on Limited Review: JANUARY 7, 2013
[Signature] John Fortmann
 COUNTY ENGINEER, LAKE COUNTY, ILLINOIS

APPLIES TO SHEETS 1-120/152-223

[Signature] RICH T. MACHNER
 REGISTERED P.E., STATE OF ILLINOIS EXPIRES 11/30/2013

PROFESSIONAL ENGINEER OF ILLINOIS
 LICENSE NO. 052-056273

APPLIES TO SHEETS 144-151

[Signature] Joseph J. Egan
 REGISTERED P.E., STATE OF ILLINOIS EXPIRES 11/30/2014

PROFESSIONAL ENGINEER OF ILLINOIS
 LICENSE NO. 052-057190

APPLIES TO SHEETS 121-143

[Signature] Joseph J. Egan
 REGISTERED P.E., STATE OF ILLINOIS EXPIRES 11/30/2013

PROFESSIONAL ENGINEER OF ILLINOIS
 LICENSE NO. 052-057190



PLANS PREPARED BY:

 450 E. Devon Ave. Suite 300 - Itasca, Illinois 60143
 Tel: 630.773.3880 - Fax: 630.773.3975
 www.civiltech.com

CONSULTANT ENGINEER: RICH T. MACHNER, P.E. CIVILTECH ENGINEERING, INC. PROGRAM AND OFFICE ENGINEER: CHARLES F. BOOLE, P.E. 947-766-4406 SCHENBURG, IL.

IDOT HIGHWAY STANDARDS

Table with 2 columns: Item Number and Description. Lists standards for erosion control, catch basins, manholes, signs, and pavement markings.

LCDOT HIGHWAY STANDARDS

Table with 2 columns: Item Number and Description. Lists standards for ditch checks, barrier installations, concrete structures, and pavement markings.

GENERAL

- 1. ALL REFERENCES TO "ENGINEER" SHALL BE INTERPRETED TO MEAN THE RESIDENT ENGINEER.
2. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE DETAILS IN THE PLANS...
3. THE THICKNESSES OF HMA MIXTURES SHOWN ON THE PLANS ARE NOMINAL...
4. THE CONTRACTOR SHALL ENSURE ALL PERMITS HAVE BEEN OBTAINED PRIOR TO COMMENCEMENT OF WORK...

GENERAL (CONTINUED)

- 5. THE CONTRACTOR SHALL NOTIFY THE ENGINEER, LAKE COUNTY DIVISION OF TRANSPORTATION...
6. THE CONTRACTOR SHALL LIMIT ANY DROP-OFF BETWEEN LANES TO 1-3/4" DURING ANY OVERNIGHT PERIOD.
7. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED...
8. NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET TO THE SATISFACTION OF THE ENGINEER.
9. PROPOSED LINES AND GRADES SHOWN ON THE CONSTRUCTION PLANS REPRESENT FINISHED GRADE ELEVATIONS...
10. THE CONTRACTOR SHALL SAW CUT PAVEMENT AND CURB & GUTTER TO SEPARATE THE EXISTING MATERIAL...
11. ALL DIMENSIONS, INCLUDING RADII, ARE GIVEN TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
12. SHOULD THE CONTRACTOR DESIRE TO OBTAIN WATER FOR CONSTRUCTION PURPOSES...
13. TEMPORARY TOILETS - THE CONTRACTOR SHALL PROVIDE A TEMPORARY TOILET FACILITIES...
14. IN ADDITION TO THE REQUIREMENTS OF THE SPECIAL PROVISION FOR CONSTRUCTION LAYOUT STAKES...
15. WHEN REMOVING CURB AND GUTTER, PAVEMENT OR ANY OTHER STRUCTURE...
16. PROTECTIVE COAT SHALL BE APPLIED IN ALL CASES REGARDLESS OF THE CALENDAR DATE...
17. REMOVAL OF TYPE B CURB AND COMBINATION CONCRETE CURB AND GUTTER SHALL BE PAID FOR AS "COMBINATION CURB AND GUTTER REMOVAL".
18. CONCRETE WASHOUT FACILITY SHOULD BE PROVIDED IN THE FIELD BY THE CONTRACTOR...
19. IF THE CONTRACTOR CHOOSES TO DISPOSE OF UNCONTAMINATED SOIL OR UNCONTAMINATED SOIL MIXED WITH CLEAN CONSTRUCTION AND DEMOLITION DEBRIS...
20. THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM...
21. AGGREGATE BASE COURSE: THE MATERIAL SHALL BE LIMITED TO CRUSHED GRAVEL, CRUSHED STONE OR CRUSHED CONCRETE...

GENERAL (CONTINUED)

- 22. THE CONTRACTOR SHALL PAY SPECIAL ATTENTION TO ARTICLE 201.01(G) OF THE STANDARD SPECIFICATIONS...
23. THE TRANSITION FROM THE PROPOSED CURB AND GUTTER SECTION TO A FLAT OR DEPRESSED SECTION...
24. THE CONTRACTOR SHALL PROVIDE ACCESS TO ADJUTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION...
25. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD...
26. CURB AND GUTTER JOINTS SHALL BE PLACED AS PER STANDARD 606001...
27. ALL SUITABLE EXCESS MATERIAL FROM SEWER TRENCHES, SIDE ROADS, ENTRANCES OR OTHER NECESSARY EXCAVATIONS...
28. EXCAVATION REQUIRED TO CLEAN SIDE ROAD DITCHES OR CONSTRUCT SIDE ROAD APPROACHES...
29. EXISTING FENCE THAT IS TO REMAIN, WHICH HAS BEEN DISCONNECTED AND/OR REMOVED...
30. ALL EXCAVATION AND EMBANKMENT SHALL BE CONSTRUCTED 4 OR 12 INCHES BELOW FINISHED GRADE...
31. TEMPORARY ASPHALT RAMPS SHALL BE CONSTRUCTED AT THE DIRECTION OF ENGINEER...
32. THE CONTRACTOR SHALL FURNISH ALL LABOR, EQUIPMENT AND MATERIAL NECESSARY FOR DEWATERING EXCAVATIONS...
33. IF REQUESTED BY THE ENGINEER CONTRACTOR SHALL CONSTRUCT GATE ENTRANCES THROUGH PROPOSED CHAIN LINK FENCE...

STORM SEWERS, STRUCTURES, AND UTILITIES

- 34. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123...
35. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES...
36. MATERIALS CONSIDERED SUITABLE BY THE ENGINEER FOR SALVAGE SHALL BE STORED WITHIN THE RIGHT-OF-WAY...
37. THE CONTRACTOR SHALL CONFIRM ALL EXISTING STORM SEWER PIPE SIZES AND INVERTS PRIOR TO ORDERING STRUCTURES...
38. HMA OR CONCRETE PAVEMENT CROSSINGS REMOVED DUE TO STORM SEWER OR CULVERT WORK SHALL NOT BE LEFT IN GRAVEL OVERNIGHT...

Table with 4 columns: DATE, BY, SURVEYED, PLOTTED. Includes fields for Final Survey, Plot File, Note Book, and Areas Checked.

Table with 4 columns: DATE, BY, SURVEYED, PLOTTED. Includes fields for Original Survey, Plot File, Note Book, and Areas Checked.

CIVILTECH logo and contact information: 450 E Devon Ave, Suite 300, Itasca, Illinois 60143.

Table with 2 columns: Action and Date. Rows for DESIGNED, DRAWN, CHECKED, and DATE.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

Table with 5 columns: P.A.U. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO. Includes project details for Lake County, IL.

DATE	
BY	
REVISIONS	
1	
2	
3	
4	
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DATE	
BY	
REVISIONS	
1	
2	
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CODED PAY ITEM NO.	PAY ITEM	UNIT	TOTAL QUANTITY	0004	0021	0028	NON-PARTICIPATING
				ROADWAY	SIGNALS	SIDEWALK/BIKEPATH	
				STP (70/30)	STP (70/30)	STE (80/20)	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	524	262		262	
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	262	131		131	
20101000	TEMPORARY FENCE	FOOT	12,132	6,066		6,066	
20101200	TREE ROOT PRUNING	EACH	25	12		13	
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	25	12		13	
20101360	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	25	12		13	
20200100	EARTH EXCAVATION	CU YD	19,462	4,865		14,597	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	5,559	1,390		4,169	
20400800	FURNISHED EXCAVATION	CU YD	4,763	1,191		3,572	
20800150	TRENCH BACKFILL	CU YD	4,993	3,066			1,927
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	37,470	37,470			
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	16,080	8,040		8,040	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	45	22		23	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	45	22		23	
25100630	EROSION CONTROL BLANKET	SQ YD	16,080	8,040		8,040	
25200100	SODDING	SQ YD	15,743	7,871		7,872	
25200200	SUPPLEMENTAL WATERING	UNIT	20	10		10	
28000200	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	50	25		25	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	336	168		168	
28000305	TEMPORARY DITCH CHECKS	FOOT	84			84	
28000400	PERIMETER EROSION BARRIER	FOOT	4,394	2,197		2,197	
28000500	INLET AND PIPE PROTECTION	EACH	3	3			
28000510	INLET FILTERS	EACH	130	130			
28100203	STONE RIPRAP, CLASS A2	TON	67	67			
28100207	STONE RIPRAP, CLASS A4	TON	54	54			
28200200	FILTER FABRIC	SQ YD	12	12			
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	944	944			
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	35,194	35,194			
35100110	AGGREGATE BASE COURSE, TYPE A	CU YD	1,825	624		1,201	
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	20,048	20,048			
40600300	AGGREGATE (PRIME COAT)	TON	36	36			
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	1	1			
40600895	CONSTRUCTING TEST STRIP	EACH	1	1			
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	63	63			
40600990	TEMPORARY RAMP	SQ YD	462	462			

^ DENOTES SPECIALTY ITEM
 ^^ DENOTES CONSTRUCTION TYPE CODE 0042
 * DENOTES SPECIAL PROVISION

CODED PAY ITEM NO.	PAY ITEM	UNIT	TOTAL QUANTITY	0004	0021	0028	NON-PARTICIPATING
				ROADWAY	SIGNALS	SIDEWALK/BIKEPATH	
				STP (70/30)	STP (70/30)	STE (80/20)	
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	13,998	13,998			
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N60	TON	431	431			
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	4,388	4,388			
42001300	PROTECTIVE COAT	SQ YD	9,131	3,140		5,991	
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	171	171			
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	53,922			53,922	
42400800	DETECTABLE WARNINGS	SQ FT	1,170	1,170			
44000100	PAVEMENT REMOVAL	SQ YD	22,646	22,646			
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	5,594	5,594			
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	5,831	5,831			
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2,892	2,892			
44000600	SIDEWALK REMOVAL	SQ FT	9,575			9,575	
44003100	MEDIAN REMOVAL	SQ FT	1,764	1,764			
44004250	PAVED SHOULDER REMOVAL	SQ YD	197	197			
44201725	CLASS D PATCHES, TYPE I, 7 INCH	SQ YD	5				5
44201729	CLASS D PATCHES, TYPE II, 7 INCH	SQ YD	74	44			30
44201733	CLASS D PATCHES, TYPE III, 7 INCH	SQ YD	18	18			
44201735	CLASS D PATCHES, TYPE IV, 7 INCH	SQ YD	121				121
44201777	CLASS D PATCHES, TYPE II, 11 INCH	SQ YD	6				6
44201781	CLASS D PATCHES, TYPE III, 11 INCH	SQ YD	25				25
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	2,568	2,568			
48100500	AGGREGATE SHOULDERS, TYPE A 6"	SQ YD	136	136			
50300225	CONCRETE STRUCTURES	CU YD	16.4	16.4			
50800105	REINFORCEMENT BARS	POUND	1,380	1,380			
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	560	560			
54213450	END SECTIONS 15"	EACH	1	1			
54213459	END SECTIONS 24"	EACH	1	1			
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	2	2			
550A0050	STORM SEWERS, CLASS A, TYPE I 12"	FOOT	2,967	2,967			
550A0070	STORM SEWERS, CLASS A, TYPE I 15"	FOOT	613	613			
550A0090	STORM SEWERS, CLASS A, TYPE I 18"	FOOT	125	125			
550A0120	STORM SEWERS, CLASS A, TYPE I 24"	FOOT	180	180			
550A0140	STORM SEWERS, CLASS A, TYPE I 30"	FOOT	65	65			
550A0160	STORM SEWERS, CLASS A, TYPE I 36"	FOOT	345	345			
550B0070	STORM SEWERS, CLASS B, TYPE I 15"	FOOT	266	266			

^ DENOTES SPECIALTY ITEM
 ^^ DENOTES CONSTRUCTION TYPE CODE 0042
 * DENOTES SPECIAL PROVISION



460 E Devon Ave, Suite 300
 Itasca, Illinois 60143
 Tel: 630.773.3900 Fax: 630.773.3975
 www.civiltechinc.com

DESIGNED - PK	REVISED -
DRAWN - JRR	REVISED -
CHECKED - RTM	REVISED -
DATE - 12/17/2012	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0187	05-00121-07-WR	LAKE	223	4
CONTRACT NO. 63765				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

CODED PAY ITEM NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE 0042			NON-PARTICIPATING
				0004 ROADWAY	0021 SIGNALS	0028 SIDEWALK/BIKEPATH	
				STP (70/30)	STP (70/30)	STE (80/20)	
55100100	STORM SEWER REMOVAL 4"	FOOT	30	30			
55100200	STORM SEWER REMOVAL 6"	FOOT	182	182			
55100300	STORM SEWER REMOVAL 8"	FOOT	77	77			
55100400	STORM SEWER REMOVAL 10"	FOOT	242	242			
55100500	STORM SEWER REMOVAL 12"	FOOT	2,143	2,143			
55100700	STORM SEWER REMOVAL 15"	FOOT	109	109			
55100900	STORM SEWER REMOVAL 18"	FOOT	36	36			
55101200	STORM SEWER REMOVAL 24"	FOOT	67	67			
55101400	STORM SEWER REMOVAL 30"	FOOT	341	341			
^A 56103000	DUCTILE IRON WATER MAIN 6"	FOOT	196	45			151
^A 56103100	DUCTILE IRON WATER MAIN 8"	FOOT	3,744	108			3,636
^A 56103300	DUCTILE IRON WATER MAIN 12"	FOOT	826	826			
^A 56105000	WATER VALVES 8"	EACH	22	5			17
^A 56105200	WATER VALVES 12"	EACH	2	2			
^A 56106400	ADJUSTING WATER MAIN 8"	FOOT	50	50			
^A 56106600	ADJUSTING WATER MAIN 12"	FOOT	50	50			
^A 56400100	FIRE HYDRANTS TO BE MOVED	EACH	3	3			
^A 56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	1	1			
^A 56400500	FIRE HYDRANTS TO BE REMOVED	EACH	11	3			8
^A 56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	13	3			10
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	9	9			
60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	EACH	61	61			
60201305	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 15 FRAME AND LID	EACH	1	1			
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1			
60204505	CATCH BASINS, TYPE A, 5' DIAMETER, TYPE 8 GRATE	EACH	3	3			
60204825	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 11V FRAME AND GRATE	EACH	4	4			
60205040	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1			
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	3	3			
60218400	MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	19	19			
60221100	MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4			
60221700	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	1	1			
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	5	5			
60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	EACH	36	36			
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	2	2			
60248700	VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	22	5			17

^ DENOTES SPECIALTY ITEM
 ^^ DENOTES CONSTRUCTION TYPE CODE 0042
 * DENOTES SPECIAL PROVISION

CODED PAY ITEM NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE 0042			NON-PARTICIPATING
				0004 ROADWAY	0021 SIGNALS	0028 SIDEWALK/BIKEPATH	
				STP (70/30)	STP (70/30)	STE (80/20)	
60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2			
60250200	CATCH BASINS TO BE ADJUSTED	EACH	2	2			
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	5	5			
60255500	MANHOLES TO BE ADJUSTED	EACH	36	36			
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	8	8			
60260100	INLETS TO BE ADJUSTED	EACH	3	3			
60262700	INLETS TO BE RECONSTRUCTED	EACH	5	5			
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	9	9			
60266600	VALVE BOXES TO BE ADJUSTED	EACH	3	3			
60402210	GRATES, TYPE 8	EACH	2	2			
60404950	FRAMES AND GRATES, TYPE 24	EACH	2	2			
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	2	2			
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	48	48			
60500040	REMOVING MANHOLES	EACH	2	2			
60500050	REMOVING CATCH BASINS	EACH	16	16			
60500060	REMOVING INLETS	EACH	15	15			
^ 60500405	FILLING VALVE VAULTS	EACH	9	4			5
60600605	CONCRETE CURB, TYPE B	FOOT	827	827			
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	10,974	10,974			
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	816	816			
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	270	270			
^ 66900205	SPECIAL WASTE DISPOSAL	CU YD	2,331	2,331			
^ 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1			
^ 66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2			
67100100	MOBILIZATION	L SUM	1	1			
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	16	16			
70300100	SHORT TERM PAVEMENT MARKING	FOOT	522	522			
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	36	36			
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	24,629	24,629			
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	200	200			
^ 70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	200	200			
^ 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	2	2			
^ 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1,574	1,574			
^ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	12,309	12,309			
^ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,159	1,159			

^ DENOTES SPECIALTY ITEM
 ^^ DENOTES CONSTRUCTION TYPE CODE 0042
 * DENOTES SPECIAL PROVISION

DATE: _____ BY: _____
 SURVEY PLOTTED: _____
 SHEETS: _____

DATE: _____ BY: _____
 SURVEY PLOTTED: _____
 SHEETS: _____

DATE	
BY	
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CODED PAY ITEM NO.	PAY ITEM	UNIT	TOTAL QUANTITY	0004	0021	0028	NON-PARTICIPATING
				ROADWAY	SIGNALS	SIDEWALK/BIKEPATH	
				STP (70/30)	STP (70/30)	STE (80/20)	
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	8,368	8,368			
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,330			1,330	
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	130	130			
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	67	67			
78300100	PAVEMENT MARKING REMOVAL	SQ FT	226	226			
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	67	67			
80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	1		1		
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	5,906		5,906		
81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	48		48		
81028230	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3 1/2" DIA.	FOOT	36		36		
81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	531		531		
81400100	HANDHOLE	EACH	12		12		
81400300	DOUBLE HANDHOLE	EACH	3		3		
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2		2		
87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	2,496		2,496		
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2,694		2,694		
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2,563		2,563		
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,675		1,675		
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2,835		2,835		
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	69		69		
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	861		861		
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12		12		
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4		4		
87800415	CONCRETE FOUNDATION, TYPE E 3/8 INCH DIAMETER	FOOT	60		60		
87900200	DRILL EXISTING HANDHOLE	EACH	2		2		
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	5		5		
88030060	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1		1		
88030070	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	2		2		
88030080	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	2		2		
88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2		2		
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	4		4		
88030240	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1		1		
88030250	SIGNAL HEAD, LED, 2-FACE, 1-4 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1		1		
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	3			3	
88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2			2	

^ DENOTES SPECIALTY ITEM
^^ DENOTES CONSTRUCTION TYPE CODE 0042
* DENOTES SPECIAL PROVISION

CODED PAY ITEM NO.	PAY ITEM	UNIT	TOTAL QUANTITY	0004	0021	0028	NON-PARTICIPATING
				ROADWAY	SIGNALS	SIDEWALK/BIKEPATH	
				STP (70/30)	STP (70/30)	STE (80/20)	
88102757	PEDESTRIAN SIGNAL HEAD, LED, 3-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1			1	
88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	11		11		
88700200	LIGHT DETECTOR	EACH	3		3		
88700300	LIGHT DETECTOR AMPLIFIER	EACH	1		1		
88800100	PEDESTRIAN PUSH-BUTTON	EACH	10		10		
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1		1		
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1,303		1,303		
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1		
89502380	REMOVE EXISTING HANDHOLE	EACH	11		11		
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1		1		
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	9		9		
A2000616	TREE, ACER PLATANOIDES (NORWAY MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	2	2			
A2002916	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2" CALIPER, BALLED AND BURLAPPED	EACH	1	1			
A2005016	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2" CALIPER, BALLED AND BURLAPPED	EACH	3	3			
A2006716	TREE, QUERCUS MACROCARPA (BUR OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	5	5			
A2007116	TREE, QUERCUS RUBRA (RED OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	5	5			
X0325318	LIGHTWEIGHT CELLULAR CONCRETE FILL	CU YD	57	27			30
X0325462	MEDIA CONVERTER	EACH	1		1		
X0324878	ADJUSTING SANITARY SEWER SERVICE LINE	EACH	5	5			
X0326885	VIDEO DETECTION SYSTEM	EACH	1		1		
X0426200	DEWATERING	LSUM	1	1			
X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	200	200			
X2800910	SEEDING, CLASS I (MODIFIED)	ACRE	0.25	0.25			
X2610635	HEAVY DUTY EROSION CONTROL BLANKET, SPECIAL	SQ YD	100	100			
X2800302	TEMPORARY DITCH CHECKS (SPECIAL)	FOOT	84			84	
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	53	53			
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	26	26			
X4023000	TEMPORARY ACCESS (ROAD)	EACH	25	25			
X5610004	DUCTILE IRON WATER MAIN FITTINGS	POUND	24,327	11,891			12,436
X5610651	ABANDON EXISTING WATER MAIN, FILL WITH CLSM	FOOT	4,518	932			3,586
X5620116	WATER SERVICE CONNECTION (SHORT)	EACH	16	9			7
X5620118	WATER SERVICE CONNECTION (LONG)	EACH	23	7			16
X5630006	CUT AND CAP EXISTING 6" WATER MAIN	EACH	7				7
X5630008	CUT AND CAP EXISTING 8" WATER MAIN	EACH	7	5			2
X5630012	CUT AND CAP EXISTING 12" WATER MAIN	EACH	2	2			

^ DENOTES SPECIALTY ITEM
^^ DENOTES CONSTRUCTION TYPE CODE 0042
* DENOTES SPECIAL PROVISION

CIVILTECH
450 E Devon Ave, Suite 300
Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

DESIGNED - PK	REVISED -
DRAWN - JRR	REVISED -
CHECKED - RTM	REVISED -
DATE - 12/17/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SHEET NO. 3 OF 4 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0187	05-00121-07-WR	LAKE	223	6
CONTRACT NO. 63765			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

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CODED PAY ITEM NO.	PAY ITEM	UNIT	TOTAL QUANTITY	0004	0021	0028	NON-PARTICIPATING
				ROADWAY	SIGNALS	SIDEWALK/BIKEPATH	
X6013600	PIPE UNDERDRAINS 4" (MODIFIED)	FOOT	11,251	STP (70/30) 11,251	STP (70/30)	STE (80/20)	
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	4	4			
X6640550	CHAIN LINK FENCE, 4" (SPECIAL)	FOOT	923	461		462	
X6700405	ENGINEER'S FIELD OFFICE, TYPE A (MODIFIED)	CAL MO	15	15			
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1			
X7800100	PAINT PAVEMENT MARKING - RAISED MEDIAN	SQ FT	81	81			
X8570226	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1		1		
X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1		1		
X8730250	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	533		533		
X8730571	ELECTRIC CABLE IN CONDUIT, COAXIAL	FOOT	165		165		
X8730800	ELECTRIC CABLE IN CONDUIT, VIDEO, NO. 20 4 C	FOOT	165		165		
X8770125	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 28 FT. (SPECIAL)	EACH	1		1		
X8770137	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT. (SPECIAL)	EACH	1		1		
X8770141	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT. (SPECIAL)	EACH	1		1		
XX001249	ORNAMENTAL FENCE	FOOT	512	32		480	
XX001877	SUMP PUMP LINE CONNECTION	EACH	5	5			
XX003536	CONNECTION TO EXISTING WATER MAINS (NON PRESSURE)	EACH	22	10			12
XX003668	PRE-CONSTRUCTION VIDEO TAPING	L SUM	1	1			
XX004913	REMOVE FIBER OPTIC CABLE FROM CONDUIT	FOOT	1,412		1,412		
XX005855	WATER MAIN CASING PIPE	FOOT	659	23			636
XX005931	TRAFFIC SIGNAL POST, 16 FOOT, (SPECIAL)	EACH	3		3		
XX005937	LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	4		4		
XX005940	REMOTE CONTROLLED VIDEO SYSTEM	EACH	1		1		
XX006655	LAYER II (DATALINK) SWITCH	EACH	2		2		
XX006658	FLOCCULATION LOGS	EACH	200	200			
XX006659	FLOCCULATION POWDER	POUND	25	25			
XX006660	WETLAND PLANTS	EACH	40	40			
XX006698	TREE PROTECTION AND PRESERVATION	EACH	90	45		45	
XX007776	REMOVE AND ABANDON VALVE BOX	EACH	48	16			32
XX008131	ELECTRIC CABLE IN CONDUIT, VIDEO NO. 18 3C	FOOT	1,047		1,047		
XX008253	VIDEO ENCODER	EACH	1		1		
XX008288	SEDIMENT COLLECTION CHAMBER SYSTEM, TEMPORARY	EACH	1	1			
Z0010600	CLEANING DRAINAGE SYSTEM	FOOT	300				300
Z0013302	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	3,420			3,420	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1			

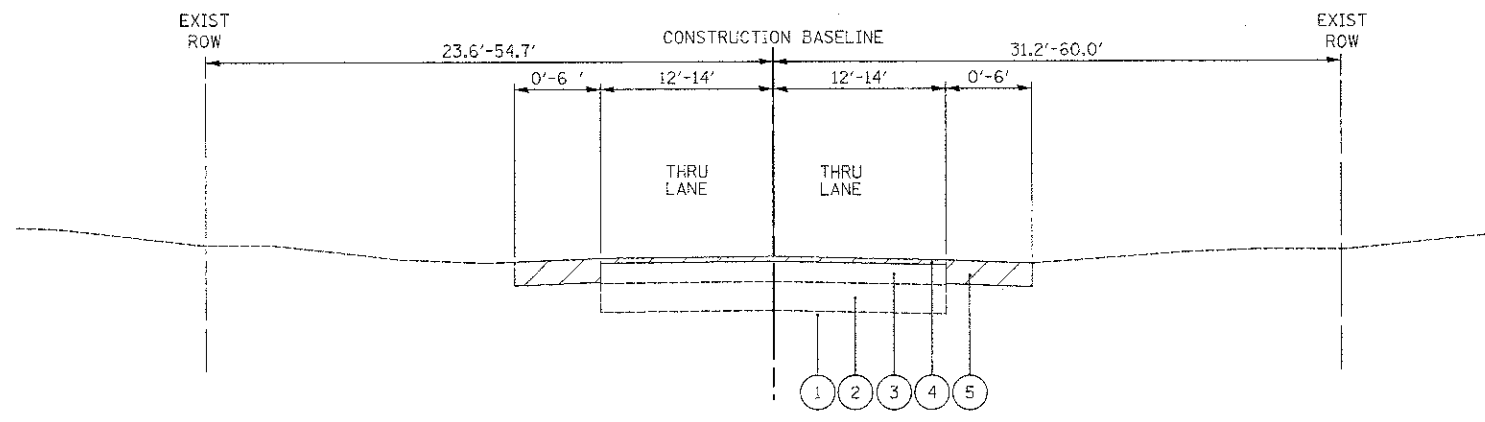
^ DENOTES SPECIALTY ITEM
^^ DENOTES CONSTRUCTION TYPE CODE 0042
* DENOTES SPECIAL PROVISION

CODED PAY ITEM NO.	PAY ITEM	UNIT	TOTAL QUANTITY	0004	0021	0028	NON-PARTICIPATING
				ROADWAY	SIGNALS	SIDEWALK/BIKEPATH	
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	5	STP (70/30)	STP (70/30)	STE (80/20)	5
Z0019400	DRY RUBBLE STONE OR BROKEN CONCRETE TREE WELLS	CU YD	1	1			
Z0019600	DUST CONTROL WATERING	UNIT	10	10			
Z0022800	FENCE REMOVAL	FOOT	1,139	569		570	
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	210	210			
Z0033046	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1		1		
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	621			621	
Z0056604	STORM SEWER (WATER MAIN REQUIREMENTS) 8 INCH	FOOT	6	6			
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	1,535	1,535			
Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	857	857			
Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	147	147			
Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	71	71			
Z0056620	STORM SEWER (WATER MAIN REQUIREMENTS) 30 INCH	FOOT	80	80			
Z0056622	STORM SEWER (WATER MAIN REQUIREMENTS) 36 INCH	FOOT	84	84			
Z0070200	SURVEY MONUMENTS	EACH	21	21			
Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1		1		
Z0076600	TRAINEES	HOUR	1,000	1,000			
Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1,000	1,000			
X8772980	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT. (SPECIAL)	EACH	1		1		
X008246	FIBER OPTIC CABLE IN CONDUIT, 24 SINGLE MODE	FOOT	2,542		2,542		
X037566	ROADSIDE DETECTOR	EACH	1		1		
X008192	OUTDOOR RATED NETWORK CABLE	FOOT	110		110		

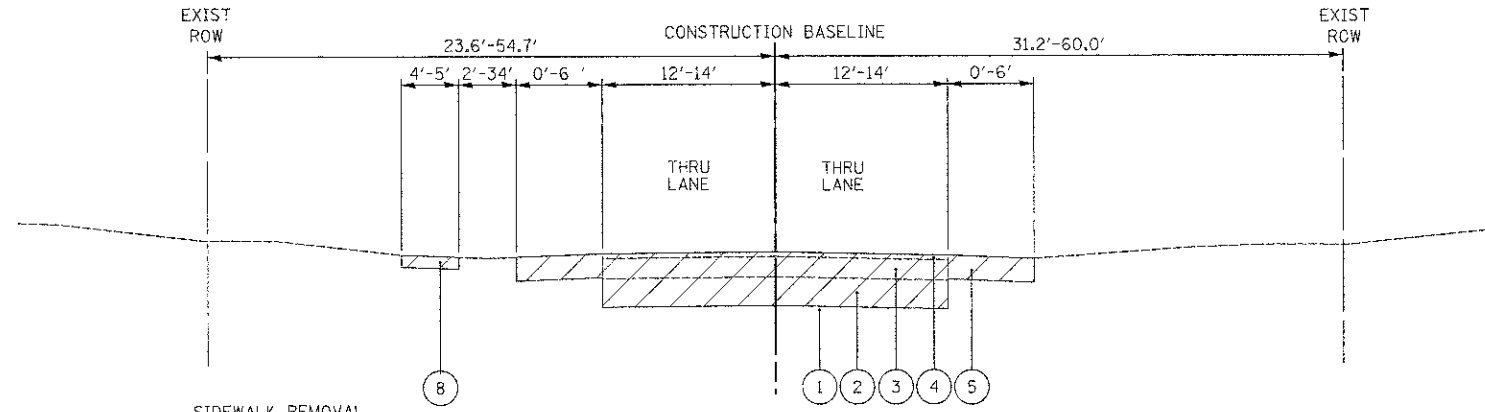
^ DENOTES SPECIALTY ITEM
^^ DENOTES CONSTRUCTION TYPE CODE 0042
* DENOTES SPECIAL PROVISION

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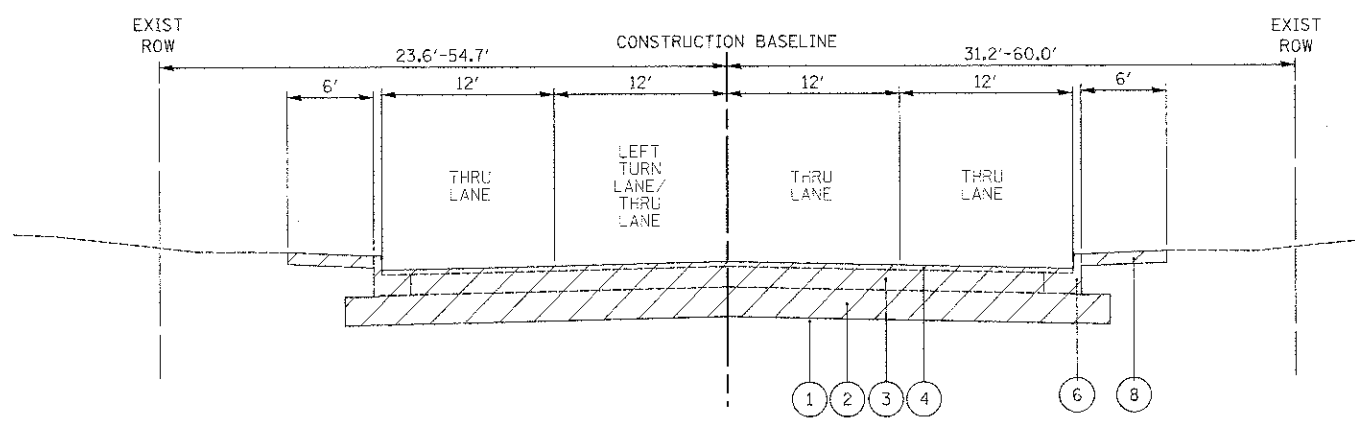


EXISTING TYPICAL SECTION WASHINGTON STREET
STA 50+61.60 TO STA 52+90.00

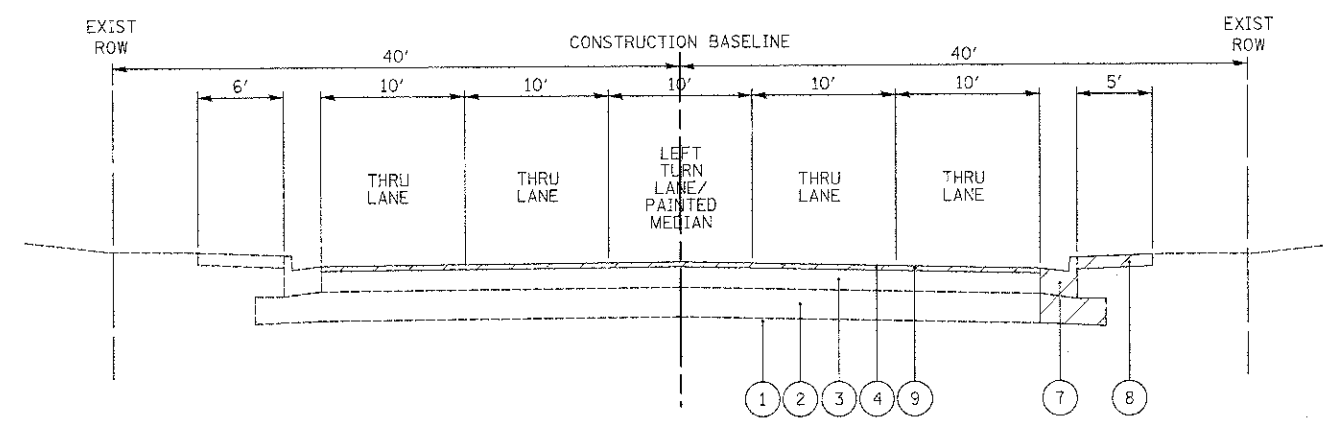


SIDEWALK REMOVAL
STA 2+26 TO STA 3+63
STA 6+10 TO STA 23+26

EXISTING TYPICAL SECTION WASHINGTON STREET
STA 7+68.00 TO STA 50+61.60



EXISTING TYPICAL SECTION WASHINGTON STREET
STA 200+00.00 TO STA 7+68.00



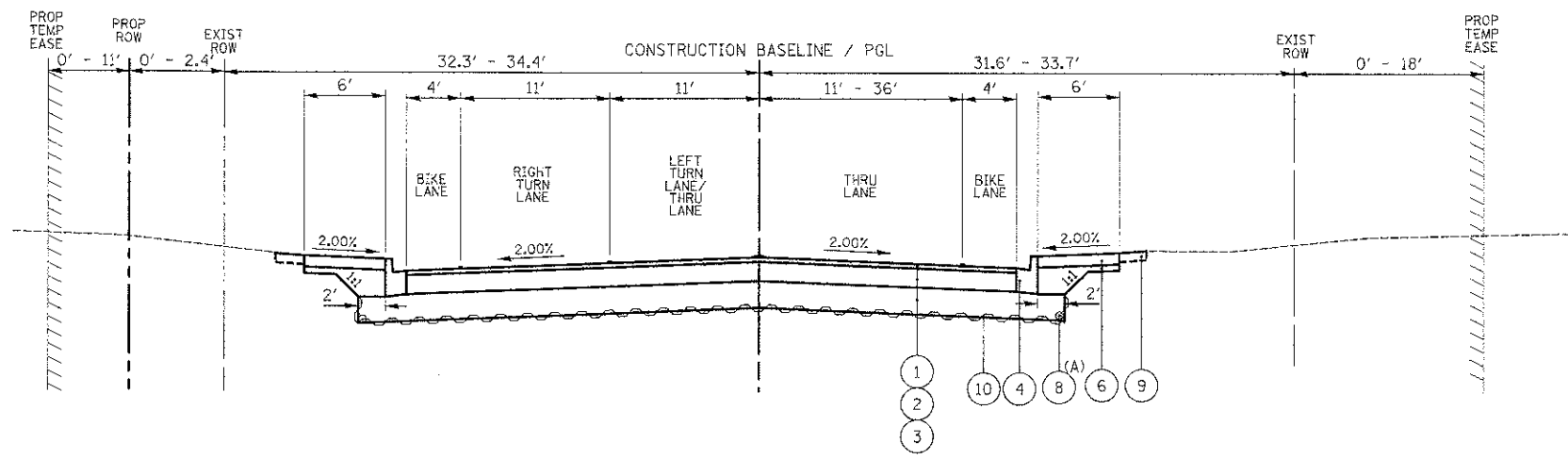
EXISTING TYPICAL SECTION CEDAR LAKE ROAD
STA 16+70.00 TO STA 25+22.00

- EXISTING LEGEND**
- ① EXISTING SUBGRADE SOILS (REFERENCE ROADWAY SOIL INVESTIGATION PREPARED BY MIDLAND STANDARD TESTING, INC. DATED 11/21/2008)
 - ② EXISTING AGGREGATE BASE, THICKNESS VARIES FROM 2-1/4" TO 14-1/2" (REFERENCE ROADWAY SOIL INVESTIGATION PREPARED BY MIDLAND STANDARD TESTING, INC. DATED 11/21/2008)
 - ③ EXISTING HOT-MIX ASPHALT PAVEMENT, THICKNESS VARIES FROM 2-1/2" TO 7-3/4" (REFERENCE ROADWAY SOIL INVESTIGATION PREPARED BY MIDLAND STANDARD TESTING, INC. DATED 11/21/2008)
 - ④ EXISTING HOT-MIX ASPHALT SURFACE PAVEMENT, THICKNESS VARIES FROM 1" TO 4-1/2" (REFERENCE ROADWAY SOIL INVESTIGATION PREPARED BY MIDLAND STANDARD TESTING, INC. DATED 11/21/2008)
 - ⑤ EXISTING AGGREGATE SHOULDER
 - ⑥ EXISTING COMBINATION CURB AND GUTTER
 - ⑦ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - ⑧ EXISTING SIDEWALK
 - ⑨ HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/4"
- ▨ REMOVAL

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PROPOSED LEGEND

- 1 PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2-1/4"
- 2 PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8-1/4"
- 3 PROPOSED AGGREGATE SUBGRADE IMPROVEMENT 12"
- 4 PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- 5 PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- 6 PROPOSED PCC SIDEWALK, 5 INCH WITH AGGREGATE BASE COURSE, TYPE A (4 INCH MIN.)
- 7 PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N50, 3" AND AGGREGATE BASE COURSE, TYPE A (6 INCH MIN.)
- 8 PROPOSED PIPE UNDERDRAINS, 4" (MODIFIED)
- 9 PROPOSED TOPSOIL, FURNISH AND PLACE, 4" AND SODDING
- 10 PROPOSED GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- 11 PROPOSED REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL AND PROPOSED AGGREGATE SUBGRADE IMPROVEMENT
- 12 PROPOSED AGGREGATE SHOULDERS TYPE A 6 INCH



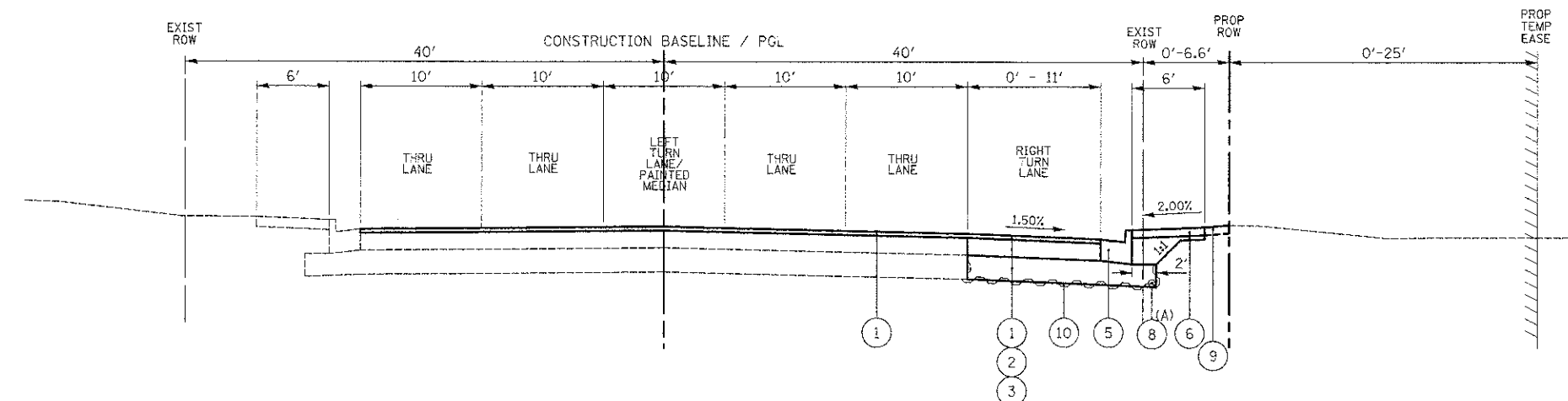
PROPOSED TYPICAL SECTION WASHINGTON STREET
STA 200+00.00 TO STA 5+35.00

(A) UNDER DRAINS AT THE OUTSIDE EDGE OF THE PAVEMENT DRAIN THE AGGREGATE SUBGRADE WITH TRANSVERSE UNDERDRAINS INSTALLED APPROXIMATELY EVERY 300 FT TO 500 FT, AT THE LOW POINTS OF THE PROFILE, AND AT ANY UNDERCUTS DETERMINED IN THE FIELD.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
FULL DEPTH PAVEMENT	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); 2-1/4" (IN 1 LIFT)	4% @ 70 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 8-1/4" (IN 2 LIFTS) (WASHINGTON ST. AND CEDAR LAKE RD.)	4% @ 70 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 6-1/4" (IN 2 LIFTS) (DOROTHY LN., MIDLAND DR. AND CEDAR CREST CT.)	4% @ 70 Gyr.
PAVEMENT RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); 2-1/4" (IN 1 LIFT)	4% @ 70 Gyr.
BIKE PATH PAVEMENT	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 3" (IN 1 LIFT)	4% @ 50 Gyr.
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 2-1/2" (IN 1 LIFT)	4% @ 50 Gyr.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN.
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE SPECIAL PROVISIONS.

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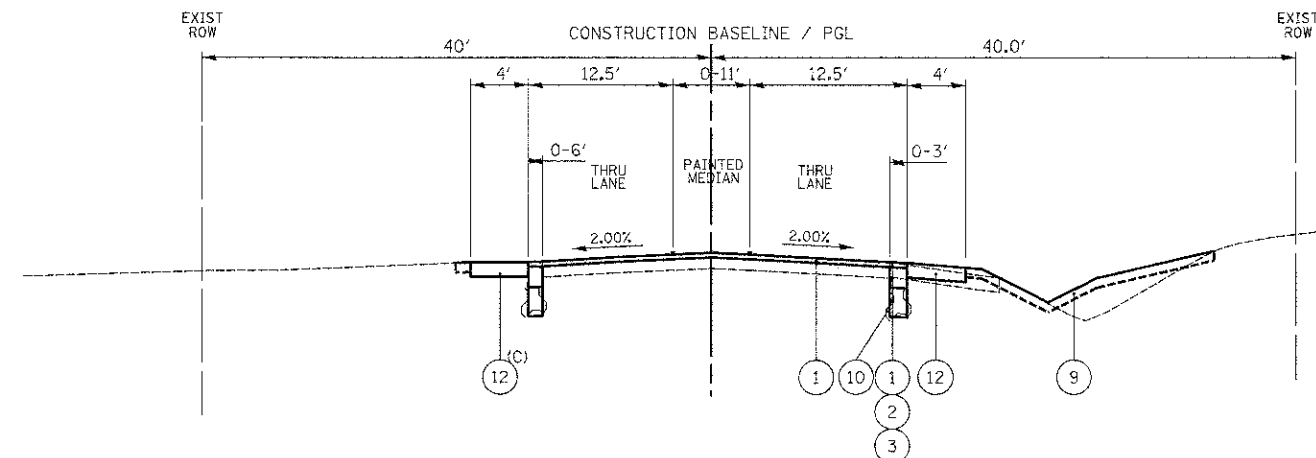


PROPOSED TYPICAL SECTION CEDAR LAKE ROAD
STA 16+70.00 TO STA 22+44.00

(A) UNDER DRAINS AT THE OUTSIDE EDGE OF THE PAVEMENT DRAIN THE AGGREGATE SUBGRADE WITH TRANSVERSE UNDERDRAINS INSTALLED APPROXIMATELY EVERY 300 FT TO 500 FT, AT THE LOW POINTS OF THE PROFILE, AND AT ANY UNDERCUTS DETERMINED IN THE FIELD.

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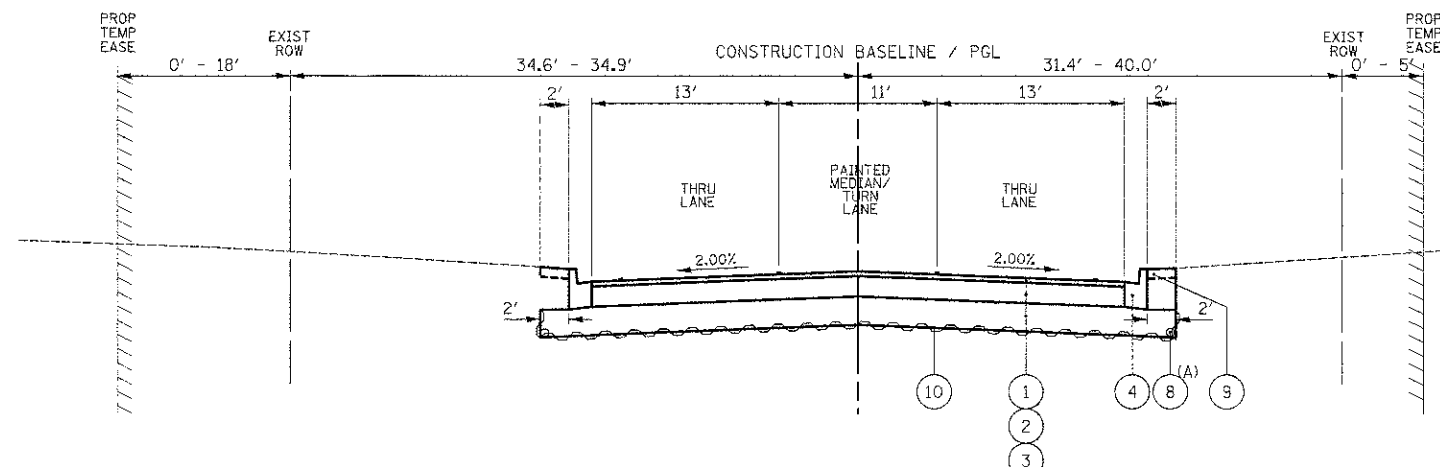
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NOTE BOOK	
AREAS	
AREAS CHECKED	



PROPOSED TYPICAL SECTION WASHINGTON STREET

STA 50+61.60 TO STA 52+90.00

(C) AGGREGATE SHOULDER BEGINS ON THE EAST SIDE OF ARBOR DRIVE. SEE PLAN AND PROFILE SHEETS FOR DETAIL.

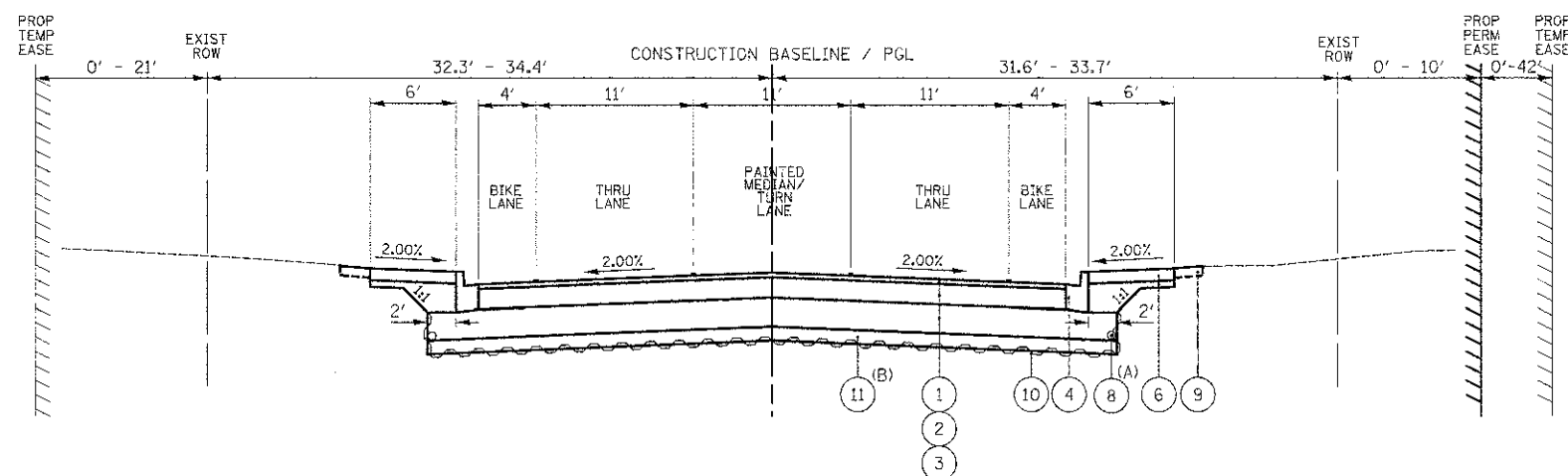


PROPOSED TYPICAL SECTION WASHINGTON STREET

STA 48+50.00 TO STA 50+61.60

(A) UNDER DRAINS AT THE OUTSIDE EDGE OF THE PAVEMENT DRAIN THE AGGREGATE SUBGRADE WITH TRANSVERSE UNDERDRAINS INSTALLED APPROXIMATELY EVERY 300 FT TO 500 FT, AT THE LOW POINTS OF THE PROFILE, AND AT ANY UNDERCUTS DETERMINED IN THE FIELD.

(B) CURB AND GUTTER CONTINUES ON THE NORTH SIDE OF WASHINGTON STREET CONTINUES INTO ARBOR DRIVE. SEE PLAN AND PROFILE SHEETS FOR DETAIL.



PROPOSED TYPICAL SECTION WASHINGTON STREET

STA 5+35.00 TO STA 48+50.00

(A) UNDER DRAINS AT THE OUTSIDE EDGE OF THE PAVEMENT DRAIN THE AGGREGATE SUBGRADE WITH TRANSVERSE UNDERDRAINS INSTALLED APPROXIMATELY EVERY 300 FT TO 500 FT, AT THE LOW POINTS OF THE PROFILE, AND AT ANY UNDERCUTS DETERMINED IN THE FIELD.

(B) SEE SOIL NOTE AND CROSS SECTION SHEETS FOR LOCATIONS AND DEPTH OF UNDERCUTTING

PROPOSED LEGEND

- 1 PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2-1/4"
- 2 PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8-1/4"
- 3 PROPOSED AGGREGATE SUBGRADE IMPROVEMENT 12"
- 4 PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- 5 PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- 6 PROPOSED PCC SIDEWALK, 5 INCH WITH AGGREGATE BASE COURSE, TYPE A (4 INCH MIN.)
- 7 PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N50, 3" AND AGGREGATE BASE COURSE, TYPE A (6 INCH MIN.)
- 8 PROPOSED PIPE UNDERDRAINS, 4" (MODIFIED)
- 9 PROPOSED TOPSOIL, FURNISH AND PLACE, 4" AND SOODING
- 10 PROPOSED GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- 11 PROPOSED REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL AND PROPOSED AGGREGATE SUBGRADE IMPROVEMENT
- 12 PROPOSED AGGREGATE SHOULDERS TYPE A 6 INCH

SOILS NOTE:

AGGREGATE SUBGRADE IMPROVEMENT HAS BEEN PROVIDED AT THE LOCATIONS INDICATED FOR SOILS WHICH TEND TO BE UNSTABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER (BY USE OF A CONE PENETROMETER IN CONJUNCTION WITH THE IDOT SUBGRADE MANUAL). IF UNSTABLE SOILS ARE ENCOUNTERED, THE SOILS SHALL BE REMOVED AND REPLACED. IF UNSTABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY WILL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE THE CONTRACTOR.

THE LIMITS OF UNSTABLE SOILS ARE AT THE APPROXIMATE LOCATIONS AS FOLLOWS:

STA TO STA	ESTIMATED UNDERCUT BELOW DESIGN SUBGRADE
WASHINGTON ST - STA 15+00 TO 18+00	16" FULL WIDTH

CIVILTECH
450 E Devon Ave, Suite 300
Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

DESIGNED - PK	REVISED -
DRAWN - JRR	REVISED -
CHECKED - RTM	REVISED -
DATE - 12/17/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NO SCALE

PROPOSED TYPICAL SECTIONS

SHEET NO. 3 OF 3 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0187	05-00121-07-WR	LAKE	223	10
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 63765	

DATE _____ BY _____
 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 AREAS CHECKED _____
 NO. _____

DATE _____ BY _____
 SURVEYED _____
 PLOTTED _____
 TEMPLATE _____
 AREAS CHECKED _____
 NO. _____

INDEX TO SCHEDULES OF QUANTITIES		
NO.	DESCRIPTION	SHEET NO.
1	SCHEDULE OF TREE REMOVAL	11
2	SCHEDULE OF SODDING AND SEEDING	11
3	SCHEDULE OF EROSION CONTROL ITEMS	11
4	SCHEDULE OF STONE RIPRAP AND FILTER FABRIC	11
5	SCHEDULE OF AGGREGATE BASE COURSE, TYPE A	11
6	SCHEDULE OF EARTHWORK QUANTITIES	12-18
7	SCHEDULE OF GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	19
8	SCHEDULE OF AGGREGATE SUBGRADE IMPROVEMENT 12"	19
9	SCHEDULE OF BITUMINOUS MATERIALS (PRIME COAT)	19
10	SCHEDULE OF HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	19
11	SCHEDULE OF TEMPORARY RAMP	19
12	SCHEDULE OF PROTECTIVE COAT	19
13	SCHEDULE OF HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	19
14	SCHEDULE OF HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N50	19
15	SCHEDULE OF HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N70	19
16	SCHEDULE OF PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	20
17	SCHEDULE OF PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	20
18	SCHEDULE OF DETECTABLE WARNINGS	20
19	SCHEDULE OF REMOVAL ITEMS	20
20	SCHEDULE OF END SECTIONS	20
21	SCHEDULE OF STORM SEWER REMOVAL AND TRENCH BACKFILL	20
22	SCHEDULE OF STORM SEWERS AND TRENCH BACKFILL	21
23	SCHEDULE OF DRAINAGE STRUCTURES	22-23
24	SCHEDULE OF STRUCTURES TO BE ADJUSTED	24
25	SCHEDULE OF DRAINAGE STRUCTURES TO BE REMOVED	24
26	SCHEDULE OF CHAIN LINK FENCE, 4' (SPECIAL)	24
27	SCHEDULE OF CONCRETE CURB, TYPE B	24
28	SCHEDULE OF COMBINATION CONCRETE CURB AND GUTTER	24
29	SCHEDULE OF PERMANENT PAVEMENT MARKINGS	24
30	SCHEDULE OF TEMPORARY PAVEMENT MARKING	24
31	SCHEDULE OF FIRE HYDRANTS TO BE MOVED	24
32	SCHEDULE OF PAVEMENT MARKING REMOVAL	24
33	SCHEDULE OF REMOVE SIGN PANEL ASSEMBLY	25
34	SCHEDULE OF RAISED REFLECTIVE PAVEMENT MARKERS	25
35	SCHEDULE OF TREES	25
36	SCHEDULE OF TEMPORARY ACCESS	25
37	SCHEDULE OF MEDIAN ITEMS	25
38	SCHEDULE OF PIPE UNDERDRAINS 4" (MODIFIED)	25
39	SCHEDULE OF TREE PROTECTION AND PRESERVATION	25
40	SCHEDULE OF DRY RUBBLE STONE OR BROKEN CONCRETE TREE WELLS	25
41	SCHEDULE OF FENCE REMOVAL	26
42	SCHEDULE OF SURVEY MONUMENTS	26
43	SCHEDULE OF WATER MAIN STRUCTURES	26
44	SCHEDULE OF DUCTILE IRON WATER MAIN AND TRENCH BACKFILL	26
45	SCHEDULE OF WATER MAIN ITEMS	26

3 SCHEDULE OF EROSION CONTROL ITEMS								
STREET	STATION		(28000400) PERIMETER EROSION BARRIER	(28000305) TEMPORARY DITCH CHECKS	(28000500) INLET AND PIPE PROTECTION	(28000510) INLET FILTERS	(28000250) TEMPORARY EROSION CONTROL SEEDING	(25100630) EROSION CONTROL BLANKET
	FROM	TO	(FOOT)	(FOOT)	(EACH)	(EACH)	(POUND)	(SQ YD)
Washington Street	200+00	5+00	563			19	21	990
	5+00	15+00	1,402	42	1	24	52	2,486
	15+00	24+00	827			16	41	1,949
	24+00	33+00	497			19	46	2,209
	33+00	43+50	266			28	74	3,557
	43+50	63+00	839		1	21	40	1,928
	63+00			42	1	3	62	2,961
PROJECT TOTAL			4,394	84	3	130	336	16,080

4 SCHEDULE OF STONE RIPRAP AND FILTER FABRIC					
STREET	STATION		(28100203) STONE RIPRAP, CLASS A2	(28100207) STONE RIPRAP, CLASS A4	(28200200) FILTER FABRIC
	FROM	TO	(TON)	(TON)	(SQ YD)
Washington Street	200+00	4+50			
	4+50	9+50			
	9+50	15+00	67	54	12
	15+00	20+00			
	20+00	25+00			
	25+00	29+50			
	29+50	34+50			
	34+50	39+50			
	39+50	45+00			
	45+00	50+50			
	50+50	55+00			
	55+00	60+00			
Cedar Lake Road	60+00	63+34			
	16+70	18+50			
	18+50	22+40			
PROJECT TOTAL			67	54	12

1 SCHEDULE OF TREE REMOVAL				
STREET	STATION		(20100110) 6 TO 15 UNITS DIAMETER	(20100210) OVER 15 UNITS DIAMETER
	FROM	TO	(UNITS)	(UNITS)
Washington Street	200+00	4+50		
	4+50	9+50		
	9+50	15+00	6	
	15+00	20+00	93	35
	20+00	25+00	26	17
	25+00	29+50	199	91
	29+50	34+50	47	
	34+50	39+50		41
	39+50	45+00	44	18
	45+00	50+50		36
	50+50	55+00		
	55+00	60+00	61	
Cedar Lake Road	60+00	63+34		
	16+70	18+50		
	18+50	22+40		
TOTAL			476	238
10% CONTINGENCY			48	24
PROJECT TOTAL			524	262

2 SCHEDULE OF SODDING AND SEEDING						
STREET	STATION		(25200100) SODDING	(X2500910) SEEDING, CLASS 1 (MODIFIED)	(21101615) TOPSOIL FURNISH AND PLACE, 4"	
	FROM	TO	(SQ YD)	(ACRE)	(SQ YD)	
Washington Street	200+00	5+00	990		990	
	5+00	15+00	2,149	0.25	2,486	
	15+00	24+00	1,949		1,949	
	24+00	33+00	2,209		2,209	
	33+00	43+50	3,557		3,557	
	43+50	53+00	1,928		1,928	
	53+00	63+00	2,961		2,961	
	PROJECT TOTAL			15,743	0.25	16,080

5 SCHEDULE OF AGGREGATE BASE COURSE, TYPE A (35100110)							
STREET	STATION		SIDEWALK LENGTH (3.61 SF AREA*)	PRIVATE ENTRANCE AREA (6" THICK)	COMMERCIAL ENTRANCE AREA (8" THICK)	MEDIAN AREA (12-1/2" THICK)	VOLUME
	FROM	TO	(FOOT)	(SQ YD)	(SQ YD)	(SQ YD)	(CU YD)
Washington Street	200+00	4+50	945			30	285
	4+50	9+50	931	48	20		137
	9+50	15+00	906	19	20		129
	15+00	20+00	941	131			148
	20+00	25+00	811	35	105		138
	25+00	29+50	716	143			120
	29+50	34+50	847	151	101		161
	34+50	39+50	868	517			203
	39+50	45+00	916	311			175
	45+00	50+50	565	268			121
	50+50	55+00		52	109		33
	55+00	60+00					
Cedar Lake Road	60+00	63+34					
	16+70	18+50	177		29		31
	18+50	22+40	366		428		144
PROJECT TOTAL							1,825

* AREA IS BASED UPON CROSS SECTION MEASUREMENT.

CIVILTECH
 450 E Devon Ave, Suite 300
 Itasca, Illinois 60143
 Tel: 630.773.3900 Fax: 630.773.3975
 www.civiltechinc.com

DESIGNED - PK
 DRAWN - JRR
 CHECKED - RTM
 DATE - 12/17/2012

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SHEET NO. 1 OF 16 SHEETS

F.A.U. SECTION COUNTY TOTAL SHEET
 RTE. 05-00121-07-WR LAKE 223 11
 OIBT CONTRACT NO. 63765
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

DATE	
BY	
REVISION	
NO. OF SHEETS	
DATE	
BY	
REVISION	
NO. OF SHEETS	

DATE	
BY	
REVISION	
NO. OF SHEETS	
DATE	
BY	
REVISION	
NO. OF SHEETS	

6 SCHEDULE OF EARTHWORK QUANTITIES (BREAKDOWN)													
STATION (XX+XX)	DISTANCE (FT)	EARTH EXCAVATION (CUT) (SQ FT)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (SQ FT)	AGGREGATE SUBGRADE IMPROVEMENT (PGE) (SQ FT)	FURNISHED EXCAVATION (FILL) (SQ FT)	EARTH EXCAVATION AVG. (SQ FT)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL AVG. (SQ FT)	AGGREGATE SUBGRADE IMPROVEMENT (PGE) AVG. (SQ FT)	FURNISHED EXCAVATION AVG. (SQ FT)	EARTH EXCAVATION (CU FT)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU FT)	AGGREGATE SUBGRADE IMPROVEMENT (PGE) (CU FT)	FURNISHED EXCAVATION (CU FT)
WASHINGTON STREET													
200+50		147	10	0	33								
	32					122	5	0	20	3,888	160	0	640
200+82		96	0	0	7								
	18					98	0	0	7	1,755	0	0	117
201+00		99	0	0	6								
	22					98	0	0	6	2,145	0	0	132
201+22		96	0	0	6								
	27					86	0	0	7	2,309	0	0	189
2+00		75	0	0	8								
	50					81	8	0	5	4,050	400	0	250
2+50		87	16	0	2								
	17					87	16	0	2	1,479	272	0	34
2+67		87	16	0	2								
	23					91	17	0	2	2,093	380	0	46
2+90		95	17	0	2								
	10					99	17	0	2	985	170	0	20
3+00		102	17	0	2								
	50					105	13	0	3	5,225	650	0	125
3+50		107	9	0	3								
	29					104	5	0	3	3,002	131	0	73
3+79		100	0	0	2								
	21					98	6	0	4	2,048	126	0	74
4+00		95	12	0	5								
	50					95	12	0	6	4,750	575	0	275
4+50		95	11	0	6								
	50					91	11	0	6	4,525	525	0	300
5+00		86	10	0	6								
	50					108	9	0	5	5,400	425	0	225
5+50		130	7	0	3								
	50					102	5	0	4	5,075	250	0	200
6+00		73	3	0	5								
	50					75	5	0	8	3,725	225	0	375
6+50		76	6	0	10								
	49					80	6	0	8	3,896	294	0	368
6+99		83	6	0	5								
	1					84	6	0	5	84	6	0	5
7+00		84	6	0	5								
	34					86	4	0	5	2,924	136	0	153
7+34		88	2	0	4								
	16					84	4	0	5	1,344	56	0	72
7+50		80	5	0	5								
	10					83	5	0	4	830	45	0	35
7+60		86	4	0	2								
	40					91	7	0	7	3,620	260	0	260
8+00		95	9	0	11								
	50					94	11	0	13	4,675	525	0	650
8+50		92	12	0	15								
	30					93	6	0	9	2,775	180	0	270
8+80		93	0	0	3								
	20					88	9	0	10	1,760	180	0	200
9+00		83	18	0	17								
	15					84	18	0	17	1,253	263	0	255
9+15		84	17	0	17								
	35					80	24	0	24	2,783	840	0	840
9+50		75	31	0	31								
	50					71	26	0	29	3,550	1,300	0	1,425
10+00		67	21	0	26								
	8					68	20	0	22	544	156	0	172
10+08		69	18	0	17								
	27					106	22	0	21	2,849	581	0	554
10+35		142	25	0	24								
	15					111	34	0	49	1,658	510	0	728
10+50		79	43	0	73								
	22					61	47	0	52	1,331	1,034	0	1,144

DATE	
BY	
FINAL SURVEY	
SURVEY	
NOTE BOOK	
AREAS	
AREAS	
AREAS	

DATE	
BY	
ORIGINAL SURVEY	
FLUORID	
NOTE BOOK	
AREAS	
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AREAS	

6 SCHEDULE OF EARTHWORK QUANTITIES (BREAKDOWN)													
STATION	DISTANCE	EARTH EXCAVATION (CUT)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	AGGREGATE SUBGRADE IMPROVEMENT (PGE)	FURNISHED EXCAVATION (FILL)	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	AGGREGATE SUBGRADE IMPROVEMENT (PGE)	FURNISHED EXCAVATION	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	AGGREGATE SUBGRADE IMPROVEMENT (PGE)	FURNISHED EXCAVATION
(XX+XX)	(FT)	(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)	AVG. (SQ FT)	AVG. (SQ FT)	AVG. (SQ FT)	AVG. (SQ FT)	(CU FT)	(CU FT)	(CU FT)	(CU FT)
10+72		42	51	0	31								
	28					58	46	0	42	1,610	1,274	0	1,176
11+00		73	40	0	53								
	45					111	34	0	44	4,995	1,530	0	1,958
11+45		149	28	0	34								
	5					137	54	0	32	685	270	0	160
11+50		125	80	0	30								
	1					136	79	0	30	136	79	0	30
11+51		147	77	0	30								
	49					111	53	0	33	5,439	2,597	0	1,593
12+00		75	29	0	35								
	50					74	31	0	39	3,700	1,525	0	1,925
12+50		73	32	0	42								
	36					70	30	0	42	2,502	1,080	0	1,494
12+86		66	28	0	41								
	14					61	42	0	52	847	581	0	721
13+00		55	55	0	62								
	50					63	47	0	61	3,150	2,325	0	3,025
13+50		71	38	0	59								
	50					69	45	0	58	3,450	2,250	0	2,900
14+00		67	52	0	57								
	22					85	41	0	44	1,870	891	0	957
14+22		103	29	0	30								
	28					87	29	0	28	2,436	798	0	784
14+50		71	28	0	26								
	50					74	62	33	38	3,700	3,075	1,650	1,875
15+00		77	95	66	49								
	50					76	96	66	52	3,800	4,800	3,300	2,600
15+50		75	97	66	55								
	12					76	87	66	42	906	1,038	792	498
15+62		76	76	66	28								
	38					74	87	66	44	2,812	3,287	2,508	1,653
16+00		72	97	66	59								
	50					67	97	66	70	3,325	4,850	3,300	3,475
16+50		61	97	66	80								
	50					58	98	67	90	2,875	4,900	3,325	4,475
17+00		54	99	67	99								
	38					66	87	67	63	2,489	3,287	2,527	2,375
17+38		77	74	66	26								
	12					73	75	66	27	876	894	792	318
17+50		69	75	66	27								
	50					50	94	66	57	2,500	4,700	3,300	2,850
18+00		31	113	66	87								
	50					31	66	33	60	1,525	3,275	1,650	2,975
18+50		30	18	0	32								
	4					31	18	0	33	124	72	0	130
18+54		32	18	0	33								
	46					33	18	0	31	1,518	805	0	1,403
19+00		34	17	0	28								
	45					48	18	0	28	2,138	788	0	1,260
19+45		61	18	0	28								
	5					62	18	0	27	310	90	0	133
19+50		63	18	0	25								
	50					80	29	0	23	3,975	1,425	0	1,125
20+00		96	39	0	20								
	40					122	24	0	11	4,880	940	0	420
20+40		148	8	0	1								
	10					149	8	0	1	1,485	80	0	10
20+50		149	8	0	1								
	50					130	17	0	3	6,475	850	0	125
21+00		110	26	0	4								
	33					118	18	0	4	3,894	578	0	116
21+33		126	9	0	3								
	17					118	18	0	3	1,998	298	0	51
21+50		109	26	0	3								
	21					115	18	0	3	2,405	378	0	63

DATE: _____
 BY: _____
 CHECKED: _____
 APPROVED: _____
 NO. _____

DATE: _____
 BY: _____
 CHECKED: _____
 APPROVED: _____
 NO. _____

6 SCHEDULE OF EARTHWORK QUANTITIES (BREAKDOWN)													
STATION	DISTANCE	EARTH EXCAVATION (CUT)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	AGGREGATE SUBGRADE IMPROVEMENT (PGE)	FURNISHED EXCAVATION (FILL)	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	AGGREGATE SUBGRADE IMPROVEMENT (PGE)	FURNISHED EXCAVATION	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	AGGREGATE SUBGRADE IMPROVEMENT (PGE)	FURNISHED EXCAVATION
(XX+XX)	(FT)	(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)	AVG. (SQ FT)	AVG. (SQ FT)	AVG. (SQ FT)	AVG. (SQ FT)	(CU FT)	(CU FT)	(CU FT)	(CU FT)
21+71		120	10	0	3								
	29					142	5	0	3	4,104	145	0	73
22+00		163	0	0	2								
	50					148	7	0	3	7,375	325	0	125
22+50		132	13	0	3								
	50					125	24	0	7	6,250	1,175	0	325
23+00		118	34	0	10								
	35					170	17	0	5	5,933	595	0	175
23+35		221	0	0	0								
	15					204	15	0	7	3,053	218	0	105
23+50		186	29	0	14								
	50					148	38	0	13	7,400	1,875	0	625
24+00		110	46	0	11								
	50					105	43	0	11	5,225	2,150	0	525
24+50		99	40	0	10								
	50					91	42	0	13	4,550	2,100	0	650
25+00		83	44	0	16								
	33					85	33	0	18	2,789	1,089	0	578
25+33		86	22	0	19								
	17					69	32	0	22	1,165	544	0	374
25+50		51	42	0	25								
	50					81	58	0	42	4,050	2,875	0	2,075
26+00		111	73	0	58								
	11					130	37	0	29	1,425	402	0	319
26+11		148	0	0	0								
	39					94	20	0	21	3,666	780	0	800
26+50		40	40	0	41								
	26					40	38	0	37	1,040	975	0	949
26+76		40	35	0	32								
	18					44	29	0	26	792	522	0	468
26+94		48	23	0	20								
	6					49	22	0	18	294	132	0	108
27+00		50	21	0	16								
	35					54	19	0	11	1,890	648	0	368
27+35		58	16	0	5								
	11					58	23	0	6	633	248	0	66
27+46		57	29	0	7								
	4					58	29	0	7	230	116	0	26
27+50		58	29	0	6								
	27					70	24	0	13	1,890	648	0	351
27+77		82	19	0	20								
	23					86	29	0	23	1,978	656	0	518
28+00		90	38	0	25								
	50					117	46	0	31	5,850	2,275	0	1,525
28+50		144	53	0	36								
	33					168	38	0	43	5,544	1,254	0	1,403
28+83		192	23	0	49								
	17					205	43	0	55	3,477	731	0	935
29+00		217	63	0	61								
	50					165	54	0	36	8,250	2,700	0	1,775
29+50		113	45	0	10								
	50					112	45	0	21	5,575	2,225	0	1,025
30+00		110	44	0	31								
	6					96	32	0	30	573	189	0	177
30+06		81	19	0	28								
	44					80	30	0	41	3,498	1,320	0	1,804
30+50		78	41	0	54								
	24					86	28	0	31	2,052	660	0	744
30+74		93	14	0	8								
	26					99	27	0	16	2,561	702	0	416
31+00		104	40	0	24								
	50					121	29	0	17	6,025	1,425	0	825
31+50		137	17	0	9								
	2					137	17	0	9	274	34	0	18
31+52		137	17	0	9								
	48					190	12	0	7	9,120	552	0	312

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6 SCHEDULE OF EARTHWORK QUANTITIES (BREAKDOWN)													
STATION	DISTANCE	EARTH EXCAVATION (CUT)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	AGGREGATE SUBGRADE IMPROVEMENT (PGE)	FURNISHED EXCAVATION (FILL)	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	AGGREGATE SUBGRADE IMPROVEMENT (PGE)	FURNISHED EXCAVATION	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	AGGREGATE SUBGRADE IMPROVEMENT (PGE)	FURNISHED EXCAVATION
(XX+XX)	(FT)	(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)	AVG. (SQ FT)	AVG. (SQ FT)	AVG. (SQ FT)	AVG. (SQ FT)	(CU FT)	(CU FT)	(CU FT)	(CU FT)
32+00		243	6	0	4								
	50					234	11	0	3	11,700	525	0	150
32+50		225	15	0	2								
	50					172	14	0	3	8,600	675	0	150
33+00		119	12	0	4								
	44					118	9	0	4	5,170	374	0	154
33+44		116	5	0	3								
	6					113	10	0	4	675	57	0	24
33+50		109	14	0	5								
	50					110	16	0	5	5,500	775	0	225
34+00		111	17	0	4								
	33					116	21	0	4	3,828	693	0	132
34+33		121	25	0	4								
	17					116	31	0	4	1,964	527	0	68
34+50		110	37	0	4								
	17					125	23	0	4	2,117	383	0	60
34+67		139	8	0	3								
	33					124	17	0	4	4,076	545	0	132
35+00		108	25	0	5								
	34					110	31	0	5	3,723	1,054	0	153
35+34		111	37	0	4								
	16					103	40	0	4	1,640	640	0	64
35+50		94	43	0	4								
	20					102	33	0	4	2,030	660	0	70
35+70		109	23	0	3								
	14					126	12	0	3	1,764	161	0	35
35+84		143	0	0	2								
	16					139	8	0	3	2,216	128	0	40
36+00		134	16	0	3								
	50					136	24	0	6	6,800	1,175	0	275
36+50		138	31	0	8								
	17					173	20	0	8	2,941	332	0	128
36+67		208	8	0	7								
	23					252	12	0	5	5,796	276	0	104
36+90		296	16	0	2								
	10					241	19	0	6	2,405	185	0	60
37+00		185	21	0	10								
	9					180	16	0	10	1,616	144	0	86
37+09		174	11	0	9								
	41					166	25	0	7	6,786	1,025	0	267
37+50		157	39	0	4								
	21					163	31	0	4	3,413	641	0	74
37+71		168	22	0	3								
	29					173	19	0	4	5,017	551	0	116
38+00		178	16	0	5								
	26					178	17	0	9	4,615	442	0	234
38+26		177	18	0	13								
	24					171	19	0	13	4,092	456	0	312
38+50		164	20	0	13								
	50					170	20	0	17	8,500	975	0	825
39+00		176	19	0	20								
	12					175	20	0	24	2,094	240	0	288
39+12		173	21	0	28								
	38					138	30	0	35	5,225	1,121	0	1,311
39+50		102	38	0	41								
	50					123	19	0	21	6,125	950	0	1,050
40+00		143	0	0	1								
	40					97	9	0	19	3,860	340	0	740
40+40		50	17	0	36								
	10					54	19	0	43	535	190	0	430
40+50		57	21	0	50								
	50					57	11	0	30	2,850	525	0	1,500
41+00		57	0	0	10								
	7					57	0	0	12	399	0	0	81
41+07		57	0	0	13								
	21					66	13	0	9	1,376	273	0	179

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6 SCHEDULE OF EARTHWORK QUANTITIES (BREAKDOWN)													
STATION	DISTANCE	EARTH EXCAVATION (CUT)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	AGGREGATE SUBGRADE IMPROVEMENT (PGE)	FURNISHED EXCAVATION (FILL)	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	AGGREGATE SUBGRADE IMPROVEMENT (PGE)	FURNISHED EXCAVATION	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	AGGREGATE SUBGRADE IMPROVEMENT (PGE)	FURNISHED EXCAVATION
(XX+XX)	(FT)	(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)	AVG. (SQ FT)	AVG. (SQ FT)	AVG. (SQ FT)	AVG. (SQ FT)	(CU FT)	(CU FT)	(CU FT)	(CU FT)
41+28		74	26	0	4								
	22					76	24	0	4	1,661	517	0	77
41+50		77	21	0	3								
	25					98	19	0	3	2,450	463	0	75
41+75		119	16	0	3								
	25					108	28	0	13	2,700	700	0	313
42+00		97	40	0	22								
	50					89	40	0	21	4,450	1,975	0	1,050
42+50		81	39	0	20								
	36					129	40	0	15	4,626	1,440	0	540
42+86		176	41	0	10								
	14					146	21	0	5	2,037	287	0	70
43+00		115	0	0	0								
	50					72	17	0	3	3,575	825	0	125
43+50		28	33	0	5								
	22					33	23	0	5	726	506	0	110
43+72		38	13	0	5								
	13					43	9	0	5	553	111	0	65
43+85		47	4	0	5								
	15					49	6	0	5	735	83	0	68
44+00		51	7	0	4								
	10					54	8	0	4	540	80	0	40
44+10		57	9	0	4								
	30					62	14	0	4	1,845	420	0	105
44+40		66	19	0	3								
	10					73	15	0	4	725	145	0	40
44+50		79	10	0	5								
	4					81	10	0	5	324	38	0	20
44+54		83	9	0	5								
	21					72	19	0	8	1,502	389	0	168
44+75		60	28	0	11								
	25					63	28	0	15	1,575	700	0	375
45+00		66	28	0	19								
	21					65	23	0	17	1,355	473	0	357
45+21		63	17	0	15								
	29					72	26	0	22	2,074	754	0	638
45+50		80	35	0	29								
	38					134	18	0	15	5,092	665	0	551
45+88		188	0	0	0								
	12					173	9	0	5	2,070	108	0	54
46+00		157	18	0	9								
	50					111	22	0	13	5,525	1,100	0	650
46+50		64	26	0	17								
	50					92	17	0	15	4,600	825	0	750
47+00		120	7	0	13								
	23					94	11	0	11	2,151	253	0	242
47+23		67	15	0	8								
	17					83	14	0	14	1,403	238	0	238
47+40		98	13	0	20								
	10					84	21	0	22	840	210	0	220
47+50		70	29	0	24								
	18					69	22	0	17	1,233	387	0	297
47+68		67	14	0	9								
	32					67	19	0	14	2,144	608	0	448
48+00		67	24	0	19								
	50					80	24	0	15	4,000	1,175	0	750
48+50		93	23	0	11								
	27					148	12	0	6	3,983	311	0	149
48+77		202	0	0	0								
	23					151	14	0	7	3,473	311	0	161
49+00		100	27	0	14								
	50					90	19	0	10	4,475	950	0	475
49+50		79	11	0	5								
	14					86	9	0	6	1,197	119	0	77
49+64		92	6	0	6								
	36					79	7	0	8	2,844	234	0	270

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6 SCHEDULE OF EARTHWORK QUANTITIES (BREAKDOWN)													
STATION	DISTANCE	EARTH EXCAVATION (CUT)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	AGGREGATE SUBGRADE IMPROVEMENT (PGE)	FURNISHED EXCAVATION (FILL)	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	AGGREGATE SUBGRADE IMPROVEMENT (PGE)	FURNISHED EXCAVATION	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	AGGREGATE SUBGRADE IMPROVEMENT (PGE)	FURNISHED EXCAVATION
(XX+XX)	(FT)	(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)	AVG. (SQ FT)	AVG. (SQ FT)	AVG. (SQ FT)	AVG. (SQ FT)	(CU FT)	(CU FT)	(CU FT)	(CU FT)
50+00		66	7	0	9								
	18					65	11	0	12	1,161	198	0	216
50+18		63	15	0	15								
	32					58	20	0	23	1,840	640	0	736
50+50		52	25	0	31								
	12					34	26	0	33	408	312	0	396
50+62		16	27	0	35								
	38					15	19	0	22	570	722	0	836
51+00		14	11	0	9								
	10					13	9	0	7	125	85	0	65
51+10		11	6	0	4								
	40					11	11	0	5	440	420	0	180
51+50		11	15	0	5								
	19					10	8	0	3	181	143	0	48
51+69		8	0	0	0								
	31					4	4	0	3	124	124	0	78
52+00		0	8	0	5								
	50					4	10	0	6	175	500	0	300
52+50		7	12	0	7								
	21					9	9	0	6	189	189	0	126
52+71		11	6	0	5								
	19					12	19	0	10	228	352	0	181
52+90		13	31	0	14								
	10					7	19	0	10	65	185	0	95
53+00		0	6	0	5								
	50					0	7	0	6	0	350	0	300
53+50		0	8	0	7								
	50					0	4	0	4	0	200	0	175
54+00		0	0	0	0								
	50					0	5	0	3	0	225	0	150
54+50		0	9	0	6								
	50					0	10	0	7	0	500	0	350
55+00		0	11	0	8								
	50					0	14	0	12	0	700	0	575
55+50		0	17	0	15								
	50					0	18	0	18	0	875	0	875
56+00		0	18	0	20								
	50					0	9	0	10	0	450	0	500
56+50		0	0	0	0								
SUBTOTAL WASHINGTON STREET										505,111	140,145	23,144	100,673

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AREAS CHECKED	

6		SCHEDULE OF EARTHWORK QUANTITIES (BREAKDOWN)											
STATION	DISTANCE	EARTH EXCAVATION (CUT)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	AGGREGATE SUBGRADE IMPROVEMENT (PGE)	FURNISHED EXCAVATION (FILL)	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	AGGREGATE SUBGRADE IMPROVEMENT (PGE)	FURNISHED EXCAVATION	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	AGGREGATE SUBGRADE IMPROVEMENT (PGE)	FURNISHED EXCAVATION
(XX+XX)	(FT)	(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)	AVG. (SQ FT)	AVG. (SQ FT)	AVG. (SQ FT)	AVG. (SQ FT)	(CU FT)	(CU FT)	(CU FT)	(CU FT)
CEDAR LAKE ROAD													
16+70		7	4	0	5								
	30					7	4	0	5	210	120	0	150
17+00		7	4	0	5								
	50					7	4	0	5	350	200	0	250
17+50		7	4	0	5								
	25					6	2	0	3	138	50	0	75
17+75		4	0	0	1								
	25					6	0	0	1	150	0	0	25
18+00		8	0	0	1								
	50					9	0	0	1	425	0	0	50
18+50		9	0	0	1								
	50					8	0	0	4	400	0	0	175
19+00		7	0	0	6								
	50					10	0	0	5	500	0	0	250
19+50		13	0	0	4								
	50					16	4	0	3	800	175	0	150
20+00		19	7	0	2								
	34					23	7	0	2	765	238	0	68
20+34		26	7	0	2								
	16					27	7	0	2	424	112	0	32
20+50		27	7	0	2								
	50					25	9	0	12	1,250	425	0	600
21+00		23	10	0	22								
	31					22	12	0	50	682	357	0	1,535
21+31		21	13	0	77								
	19					17	13	0	59	323	247	0	1,112
21+50		13	13	0	40								
	31					14	7	0	34	434	202	0	1,039
21+81		15	0	0	27								
	19					15	0	0	25	285	0	0	475
22+00		15	0	0	23								
	50					19	14	0	27	950	675	0	1,325
22+50		23	27	0	30								
	50					27	14	0	15	1,325	675	0	750
23+00		30	0	0	0								
	50					59	0	0	0	2,950	0	0	0
23+50		88	0	0	0								
	7					87	0	0	0	609	0	0	0
23+57		86	0	0	0								
	23					73	0	0	0	1,668	0	0	0
23+80		59	0	0	0								
	20					40	0	0	0	790	0	0	0
24+00		20	0	0	0								
	50					13	5	0	6	625	225	0	300
24+50		5	9	0	12								
	50					7	5	0	6	350	225	0	300
25+00		9	0	0	0								
	22					5	0	0	0	99	0	0	0
25+22		0	0	0	0								
SUBTOTAL CEDAR LAKE ROAD										16,501	3,925	0	8,660

6		SCHEDULE OF EARTHWORK QUANTITIES (MIDLAND DRIVE)				
STREET	SURFACE TYPE	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	AGGREGATE SUBGRADE IMPROVEMENT	FURNISHED EXCAVATION	
		AREA (SQ FT)	VOLUME (CU FT)	VOLUME (CU FT)	VOLUME (CU FT)	
MIDLAND DRIVE	EXISTING PAVEMENT	8,562	3,853	0	0	
	EXISTING GRASS	3,691	0	3,691	2,461	
PROJECT TOTAL		3,853	3,691	0	2,461	

6		SCHEDULE OF EARTHWORK QUANTITIES (SUMMARY)			
		EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	AGGREGATE SUBGRADE IMPROVEMENT	FURNISHED EXCAVATION
		(CU FT)	(CU FT)	(CU FT)	(CU FT)
SUBTOTAL WASHINGTON STREET		505,111	140,145	23,144	100,673
SUBTOTAL CEDAR LAKE ROAD		16,501	3,925	0	8,660
SUBTOTAL MIDLAND DRIVE		3,853	3,691	0	2,461
PROJECT SUBTOTAL (CU. FT.)		525,465	147,761	23,144	111,794
PROJECT SUBTOTAL (CU. YD.)		19,462	5,473	858	4,141
SHRINKAGE FACTOR ADJUSTMENT (15%)		-	-	-	x 1.15
PGE CONTINGENCY (10%)		-	86	86	-
PROJECT TOTAL (CU. YD.)		19,462	5,559	944	4,763

NOTE:
ESTIMATE INCLUDES APPROXIMATELY 12 INCHES OF TOPSOIL STRIPPING.
FURNISHED EXCAVATION ESTIMATE ASSUMES ALL EXCAVATED MATERIAL SHALL BE REMOVED FROM THE JOB SITE.

DATE _____
 BY _____
 SURVEYED _____
 PLAN SET _____
 AREAS _____
 AREAS CHECKED _____
 NO. 1: 100' SCALE

DATE _____
 BY _____
 SURVEYED _____
 PLAN SET _____
 AREAS _____
 AREAS CHECKED _____
 NO. 2: 100' SCALE

STREET	SCHEDULE OF GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (21001000)		
	STATION		AREA (SQ YD)
	FROM	TO	
Washington Street	200+00	4+50	3,832
	4+50	9+50	3,078
	9+50	15+00	3,811
	15+00	20+00	3,005
	20+00	25+00	3,364
	25+00	29+50	3,119
	29+50	34+50	3,368
	34+50	39+50	4,142
	39+50	45+00	3,677
	45+00	50+50	3,700
	50+50	55+00	1,218
	55+00	60+00	
	60+00	63+34	
	63+34	66+70	120
	66+70	72+40	1,036
PROJECT TOTAL			37,470

STREET	SCHEDULE OF AGGREGATE SUBGRADE IMPROVEMENT 12" (30300112)		
	STATION		AREA (SQ YD)
	FROM	TO	
Washington Street	200+00	4+50	3,559
	4+50	9+50	2,906
	9+50	15+00	3,598
	15+00	20+00	2,835
	20+00	25+00	3,187
	25+00	29+50	2,952
	29+50	34+50	3,190
	34+50	39+50	3,889
	39+50	45+00	3,478
	45+00	50+50	3,504
	50+50	55+00	1,131
	55+00	60+00	
	60+00	63+34	
	63+34	66+70	91
	66+70	72+40	874
PROJECT TOTAL			35,194

STREET	SCHEDULE OF BITUMINOUS MATERIALS (PRIME COAT) (40600100)		
	STATION		VOLUME (GALLON)
	FROM	TO	
Washington Street	200+00	4+50	2,266
	4+50	9+50	1,530
	9+50	15+00	1,902
	15+00	20+00	1,513
	20+00	25+00	1,726
	25+00	29+50	1,600
	29+50	34+50	1,782
	34+50	39+50	2,257
	39+50	45+00	1,958
	45+00	50+50	1,951
	50+50	55+00	674
	55+00	60+00	
	60+00	63+34	
	63+34	66+70	115
	66+70	72+40	774
PROJECT TOTAL			20,048

STREET	SCHEDULE OF HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT (40600982)		
	STATION		AREA (SQ YD)
	FROM	TO	
Washington Street	200+00	4+50	25
	4+50	9+50	
	9+50	15+00	
	15+00	20+00	
	20+00	25+00	
	25+00	29+50	
	29+50	34+50	
	34+50	39+50	
	39+50	45+00	
	45+00	50+50	
	50+50	55+00	13
	55+00	60+00	
	60+00	63+34	
	63+34	66+70	25
	66+70	72+40	
PROJECT TOTAL			63

STREET	SCHEDULE OF TEMPORARY RAMP (40600990)		
	STATION		AREA (SQ YD)
	FROM	TO	
Washington Street	200+00	4+50	23
	4+50	9+50	20
	9+50	15+00	54
	15+00	20+00	20
	20+00	25+00	57
	25+00	29+50	48
	29+50	34+50	43
	34+50	39+50	56
	39+50	45+00	54
	45+00	50+50	69
	50+50	55+00	18
	55+00	60+00	
	60+00	63+34	
	63+34	66+70	
	66+70	72+40	
PROJECT TOTAL			462

STREET	SCHEDULE OF PROTECTIVE COAT (42001300)		
	STATION		AREA (SQ YD)
	FROM	TO	
Washington Street	200+00	4+50	977
	4+50	9+50	861
	9+50	15+00	871
	15+00	20+00	891
	20+00	25+00	789
	25+00	29+50	713
	29+50	34+50	818
	34+50	39+50	868
	39+50	45+00	934
	45+00	50+50	757
	50+50	55+00	46
	55+00	60+00	
	60+00	63+34	
	63+34	66+70	182
	66+70	72+40	424
PROJECT TOTAL			9,131

STREET	SCHEDULE OF HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (40603085)					
	STATION		AREA @ 6-1/4" (SQ YD)	AREA @ 8-1/4" (SQ YD)	TOTAL VOLUME (SQ YD-IN)	WEIGHT (115 LB/SQ YD-IN) (TON)
	FROM	TO				
Washington Street	200+00	4+50	469	2,493	23,499	1,352
	4+50	9+50		2,492	20,562	1,183
	9+50	15+00		3,137	25,883	1,489
	15+00	20+00		2,428	20,028	1,152
	20+00	25+00		2,758	22,757	1,309
	25+00	29+50		2,546	21,002	1,208
	29+50	34+50		2,759	22,760	1,309
	34+50	39+50	661	2,669	26,155	1,504
	39+50	45+00		3,003	24,778	1,425
	45+00	50+50		3,027	24,976	1,437
	50+50	55+00	860	129	6,442	371
	55+00	60+00				
	60+00	63+34				
	63+34	66+70				
	66+70	72+40	277	336	4,502	259
PROJECT TOTAL					13,998	

STREET	SCHEDULE OF HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (40603335)				
	STATION		AREA @ 2-1/2" (SQ YD)	TOTAL VOLUME (SQ YD-IN)	WEIGHT (112 LB/SQ YD-IN) (TON)
	FROM	TO			
Washington Street	200+00	4+50	665	1,662	94
	4+50	9+50	68	169	10
	9+50	15+00	39	98	6
	15+00	20+00	112	281	16
	20+00	25+00	140	350	20
	25+00	29+50	143	358	21
	29+50	34+50	252	630	36
	34+50	39+50	517	1,292	73
	39+50	45+00	311	778	44
	45+00	50+50	268	670	38
	50+50	55+00	52	130	8
	55+00	60+00			
	60+00	63+34			
	63+34	66+70	29	73	5
	66+70	72+40	428	1,069	60
PROJECT TOTAL					431

STREET	SCHEDULE OF HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (40603340)				
	STATION		AREA @ 2-1/4" (SQ YD)	TOTAL VOLUME (SQ YD-IN)	WEIGHT (112 LB/SQ YD-IN) (TON)
	FROM	TO			
Washington Street	200+00	4+50	4,521	10,172	570
	4+50	9+50	2,492	5,608	315
	9+50	15+00	3,137	7,059	396
	15+00	20+00	2,428	5,462	306
	20+00	25+00	2,758	6,206	348
	25+00	29+50	2,546	5,728	321
	29+50	34+50	2,759	6,207	348
	34+50	39+50	3,331	7,494	420
	39+50	45+00	3,003	6,758	379
	45+00	50+50	3,027	6,812	382
	50+50	55+00	989	2,226	125
	55+00	60+00			
	60+00	63+34			
	63+34	66+70	1,003	2,257	127
	66+70	72+40	2,783	6,262	351
PROJECT TOTAL					4,388

DATE: _____ BY: _____
 DESIGNED - PK
 CHECKED - JRR
 DRAWN - RTM
 DATE - 12/17/2012

DATE: _____ BY: _____
 DESIGNED - PK
 CHECKED - JRR
 DRAWN - RTM
 DATE - 12/17/2012

16	SCHEDULE OF PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH (42300200)			
	STREET	STATION		AREA (SQ YD)
		FROM	TO	
Washington Street	200+00	4+50		
	4+50	9+50		
	9+50	15+00		
	15+00	20+00	19	
	20+00	25+00		
	25+00	29+50		
	29+50	34+50		
	34+50	39+50		
	39+50	45+00	54	
	45+00	50+50	98	
	50+50	55+00		
	55+00	60+00		
	60+00	63+34		
Cedar Lake Road	16+70	18+50		
	18+50	22+40		
PROJECT TOTAL			171	

17	SCHEDULE OF PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (42400200)			
	STREET	STATION		AREA (SQ FT)
		FROM	TO	
Washington Street	200+00	4+50	5,705	
	4+50	9+50	5,574	
	9+50	15+00	5,408	
	15+00	20+00	5,708	
	20+00	25+00	4,835	
	25+00	29+50	4,270	
	29+50	34+50	5,091	
	34+50	39+50	5,208	
	39+50	45+00	5,451	
	45+00	50+50	3,415	
	50+50	55+00		
	55+00	60+00		
	60+00	63+34		
Cedar Lake Road	16+70	18+50	1,067	
	18+50	22+40	2,190	
PROJECT TOTAL			53,922	

18	SCHEDULE OF DETECTABLE WARNINGS (42400800)			
	STREET	STATION		AREA (SQ FT)
		FROM	TO	
Washington Street	200+00	4+50	148	
	4+50	9+50	46	
	9+50	15+00	139	
	15+00	20+00	45	
	20+00	25+00	139	
	25+00	29+50	140	
	29+50	34+50	100	
	34+50	39+50	92	
	39+50	45+00	139	
	45+00	50+50	150	
	50+50	55+00		
	55+00	60+00		
	60+00	63+34		
Cedar Lake Road	16+70	18+50		
	18+50	22+40	32	
PROJECT TOTAL			1,170	

19	SCHEDULE OF REMOVAL ITEMS								
	STREET	STATION	(44000100)	(44000158)	(44000200)	(44000500)	(44000600)	(44003100)	(44004250)
			PAVEMENT REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	DRIVEWAY PAVEMENT REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	SIDEWALK REMOVAL	MEDIAN REMOVAL	PAVED SHOULDER REMOVAL
FROM	TO	(SQ YD)	(SQ YD)	(SQ YD)	(FOOT)	(SQ FT)	(SQ FT)	(SQ YD)	
Washington Street	200+00	4+50	2,244	1,559	884	1,169	1,373	1,764	23
	4+50	9+50	2,601		215	567	1,349		132
	9+50	15+00	2,122		153	49	1,902		
	15+00	20+00	1,554		274	49	2,033		
	20+00	25+00	2,245		350	43	1,332		
	25+00	29+50	1,884		239				
	29+50	34+50	2,156		416				
	34+50	39+50	2,367		791	85			
	39+50	45+00	2,398		780	92			
	45+00	50+50	2,113		632	43			
	50+50	55+00	962	861	75	137			
	55+00	60+00							
	60+00	63+34							
Cedar Lake Road	16+70	18+50		1,004	30	191	327		42
	18+50	22+40		2,170	992	467	1,259		
PROJECT TOTAL			22,646	5,594	5,831	2,892	9,575	1,764	197

20	SCHEDULE OF END SECTIONS					
	STATION	OFFSET	STRUCTURE #	(54213657)	(54213450)	(54213459)
				PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	END SECTIONS 15"	END SECTIONS 24"
11+11.3	38.1' RT	38			1	
30+45.0	31.9' LT	91	1			
45+71.1	84.9' LT	143	1			
56+50.0	30.8' RT	161		1		
PROJECT TOTAL			2	1	1	

21	SCHEDULE OF STORM SEWER REMOVAL AND TRENCH BACKFILL											
	STREET	STATION	55100100	55100200	55100300	55100400	55100500	55100700	55100900	55101200	55101400	20800150
			SS REM 4"	SS REM 6"	SS REM 8"	SS REM 10"	SS REM 12"	SS REM 15"	SS REM 18"	SS REM 24"	SS REM 30"	TRNCH BKFILL (CU YD)
Washington Street	200+00	4+50		15		77	788					44
	4+50	9+50				74	162					3
	9+50	15+00					112	24	36	67	341	19
	15+00	20+00										3
	20+00	25+00					68					5
	25+00	29+50										0
	29+50	34+50	30	70		44	185	34				21
	34+50	39+50		62	44	22	417					21
	39+50	45+00		35								2
	45+00	50+50			33		214	51				17
	50+50	55+00					172					6
	55+00	60+00										
	60+00	63+34										
Cedar Lake Road	16+70	18+50										
	18+50	22+40				25						1
PROJECT TOTAL			30	182	77	242	2,143	109	36	67	341	142

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
NO.	

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
NO.	

STRUCTURE #	STATION	OFFSET	SCHEDULE OF DRAINAGE STRUCTURES													
			60200805	60201110	60201305	60201340	60204505	60204825	60205040	60207605	60218400	60221100	60221700	60236200	60236825	60237470
			CB TA 4 DIA T8G	CB TA 4 DIA T11VF&G	CB TA 4 DIA T15F&L	CB TA 4 DIA T24F&G	CB TA 5 DIA T8G	CB TA 5 DIA T11VF&G	CB TA 5 DIA T24F&G	CB TC T8G	MAN TA 4 DIA T1FCL	MAN TA 5 DIA T1FCL	MAN TA 5 DIA T8G	INLETS TA T8G	INLETS TA T11VF&G	INLETS TA T24F&G
1	25+07.9	281.9 LT														
2	23+77.9	125.9 LT														
3	24+06.4	115.7 LT														
8	22+84.9	55.7 RT														
9	22+92.2	62.0 RT														
10	24+45.0	26.6 RT														
11	24+38.3	33.6 RT														
12	24+08.4	42.1 RT														
13	200+59.2	40.6 LT														
14	200+70.4	35.4 LT														
15	200+93.7	33.8 RT														
16	201+26.6	29.2 LT														
17	2+32.0	26.0 LT														
18	2+36.0	23.3 RT														
20	4+14.0	23.1 LT														
21	4+14.0	21.5 RT														
22	4+14.0	30.6 RT														
23	5+00.0	21.4 LT														
24	5+80.0	31.0 RT														
25	6+16.9	20.5 LT														
27	8+20.0	20.5 RT														
28	8+20.0	20.5 LT														
29	8+50.0	30.5 LT														
30	9+00.0	33.0 LT														
31	9+00.0	20.5 LT														
32	9+10.0	20.5 RT														
33	9+89.6	30.0 LT														
34	9+89.6	20.5 LT														
35	9+85.2	20.5 RT														
36	10+50.0	20.5 RT														
39	11+40.0	20.5 RT														
40	11+51.3	20.5 RT														
41	11+65.2	26.6 LT														
42	11+84.5	20.5 RT														
43	11+84.5	20.5 LT														
44	11+84.5	30.0 LT														
45	12+00.0	20.5 LT														
46	12+50.0	20.5 RT														
47	12+70.0	34.0 LT														
48	12+70.0	20.5 LT														
49	12+73.6	39.4 LT														
50	13+80.0	20.5 LT														
51	13+79.6	39.4 LT														
53	14+64.2	20.5 RT														
54	14+64.2	20.5 LT														
55	14+64.2	30.0 LT														
56	16+00.0	20.5 RT														
57	16+00.0	20.5 LT														
58	16+00.0	30.0 LT														
59	17+73.0	26.0 LT														
60	17+79.7	20.5 LT														
61	17+79.7	20.5 RT														
62	17+86.1	26.1 RT														
63	19+14.0	26.0 RT														
64	19+20.0	20.5 RT														
65	19+20.0	20.5 LT														
66	20+76.0	26.0 RT														
67	20+81.8	20.5 RT														
68	20+81.8	20.5 LT														
69	21+10.0	20.5 RT														
70	22+94.0	26.0 RT														
71	23+00.0	20.6 RT														
72	23+13.4	28.0 LT														
73	23+00.0	21.5 LT														
74	23+47.9	63.2 LT														
75	23+75.0	30.0 RT														
76	23+75.0	40.0 RT														
77	23+92.4	20.5 RT														
78	23+92.4	20.5 LT														
79	24+10.0	20.5 RT														
80	24+94.0	26.0 RT														
81	25+00.0	20.5 RT														
82	26+34.0	30.0 RT														
83	28+57.6	29.1 RT														
84	28+50.0	24.2 RT														
85	28+50.0	20.5 LT														
86	29+50.0	26.0 LT														
87	30+50.0	39.0 RT														

DATE: _____
 BY: _____
 FINISH SURVEY: _____
 SURVEY: _____
 NOTE BOOK: _____
 AREAS CHECKED: _____

DATE: _____
 BY: _____
 ORIGINAL SURVEY: _____
 SURVEY: _____
 NOTE BOOK: _____
 AREAS CHECKED: _____

23		SCHEDULE OF DRAINAGE STRUCTURES														
STRUCTURE #	STATION	OFFSET	60200805	60201110	60201305	60201340	60204505	60204825	60205040	60207605	60218400	60221100	60221700	60236200	60236825	60237470
			CB TA 4 DIA	CB TA 4 DIA	CB TA 4 DIA	CB TA 4 DIA	CB TA 5 DIA	CB TA 5 DIA	CB TA 5 DIA	CB TA 5 DIA	CB TA 5 DIA	CB TA 5 DIA	CB TA 5 DIA	MAN TA 4 DIA	MAN TA 5 DIA	MAN TA 5 DIA
			T8G	T11VF&G	T15F&L	T24F&G	T8G	T11VF&G	T24F&G	T8G	T1FCL	T1FCL	T8G	T8G	T11VF&G	T24F&G
88	30+50.0	20.5 RT														
89	30+50.0	20.5 LT														
90	30+56.0	26.0 LT														
92	31+04.6	35.9 RT														
93	31+10.0	20.5 RT														
94	31+51.7	20.5 RT														
95	31+63.4	20.5 RT														
96	31+20.0	20.5 LT														
97	31+51.7	20.5 LT														
98	31+66.8	20.5 LT														
99	31+70.0	29.4 LT														
100	32+43.9	41.2 LT														
101	32+21.9	41.2 RT														
102	32+65.0	34.3 LT														
103	32+48.9	20.5 RT														
104	33+00.0	20.5 RT														
105	35+20.0	20.5 RT														
106	36+27.6	20.5 RT														
107	36+34.7	20.5 RT														
108	36+59.7	31.0 RT														
109	36+10.0	20.5 LT														
110	36+73.6	22.5 LT														
111	37+45.0	20.5 LT														
112	37+60.0	20.5 RT														
113	37+70.7	20.5 RT														
114	37+70.7	20.5 LT														
115	37+85.9	20.5 LT														
116	37+77.8	30.2 LT														
117	38+50.0	20.5 LT														
118	38+19.4	20.5 RT														
119	38+26.2	29.1 RT														
120	38+53.9	58.5 RT														
121	38+77.5	99.5 RT														
122	37+77.7	143.5 RT														
123	38+06.6	129.1 RT	1													
124	38+46.7	112.2 RT	1													
125	39+39.5	75.4 RT														
126	39+50.0	35.0 LT														
127	39+61.9	20.5 LT														
128	39+70.0	20.5 LT														
129	40+55.0	30.0 LT														
130	40+55.0	20.5 RT														
131	40+55.0	20.6 LT														
132	42+00.0	20.5 LT														
133	43+18.4	33.1 LT														
134	43+45.3	20.6 LT														
135	43+10.4	57.3 RT														
136	43+10.5	27.4 RT														
137	43+29.6	20.5 RT														
138	43+60.0	20.5 RT														
139	43+90.0	20.5 LT														
140	45+67.9	52.7 RT														
141	45+68.7	39.6 RT														
142	45+73.1	36.3 LT														
144	46+50.0	20.5 RT														
145	46+80.0	20.5 RT														
146	47+40.0	20.5 RT														
147	47+50.0	20.5 LT														
148	48+00.0	20.5 LT														
149	48+00.0	20.5 RT														
150	48+27.2	20.5 RT														
151	48+51.0	29.9 RT														
152	48+59.7	33.4 LT														
153	48+92.2	28.8 RT														
154	49+85.0	18.5 RT														
155	49+85.0	18.5 LT														
156	50+50.0	18.5 LT														
157	50+50.0	18.5 RT														
158	50+72.7	31.0 LT														
159	51+35.8	23.2 RT														
160	53+75.9	25.9 RT														
164	22+09.2	39.7 RT														
PROJECT TOTAL			9	61	1	1	3	4	1	3	19	4	1	5	36	2

DATE: _____
 BY: _____
 SUPERVISOR: _____
 SURVEY: _____
 NOTE BOOK: _____
 MAP: _____
 AREAS CHECKED: _____
 DATE: _____
 BY: _____
 SUPERVISOR: _____
 SURVEY: _____
 NOTE BOOK: _____
 MAP: _____
 AREAS CHECKED: _____

24	SCHEDULE OF STRUCTURES TO BE ADJUSTED								
	STREET	STATION		60250200	60255500	60260100	60265700	60266600	X6030310
		FROM	TO	CATCH BASINS	MANHOLES	INLETS	VALVE VAULTS	VALVE BOXES	F&L (SPECIAL)
Washington Street	200+00	4+50		8	3			1	
	4+50	9+50	1	2					
	9+50	15+00		5					
	15+00	20+00		2					
	20+00	25+00		3		2			
	25+00	29+50		2		1			
	29+50	34+50	1	3		1			
	34+50	39+50		2		1	2		
	39+50	45+00		3		1			
	45+00	50+50		3		2			
	50+50	55+00				1	1	2	
	55+00	60+00							
Cedar Lake Road	16+70	18+50							
	18+50	22+40		3				1	
	PROJECT TOTAL		2	36	3	9	3	4	

27	SCHEDULE OF CONCRETE CURB, TYPE B (60600605)			
	STREET	STATION		LENGTH
		FROM	TO	(FOOT)
Washington Street	200+00	4+50	319	
	4+50	9+50		
	9+50	15+00		
	15+00	20+00		
	20+00	25+00		
	25+00	29+50		
	29+50	34+50		
	34+50	39+50		
	39+50	45+00		
	45+00	50+50		
	50+50	55+00	95	
	55+00	60+00		
Cedar Lake Road	16+70	18+50	20	
	18+50	22+40	393	
	PROJECT TOTAL		827	

30	SCHEDULE OF TEMPORARY PAVEMENT MARKING				
	STREET	STATION		LETTERS AND SYMBOLS (70300210)	4" (70300220)
		FROM	TO	(SQ FT)	(FOOT)
Washington Street	200+00	5+00	36	5,469	
	5+00	15+00		4,000	
	15+00	24+00		3,600	
	24+00	33+00		3,600	
	33+00	43+50		4,200	
	43+50	53+00		3,760	
	53+00	63+00			
PROJECT TOTAL			36	24,629	

25	SCHEDULE OF DRAINAGE STRUCTURES TO BE REMOVED					
	STREET	STATION		60500040	60500050	60500060
		FROM	TO	MANHOLES	CATCH BASINS	INLETS
Washington Street	200+00	4+50	1	1	6	
	4+50	9+50		1	2	
	9+50	15+00		4		
	15+00	20+00				
	20+00	25+00				
	25+00	29+50				
	29+50	34+50	1	2	1	
	34+50	39+50		2	4	
	39+50	45+00				
	45+00	50+50		5		
	50+50	55+00				
	55+00	60+00				
Cedar Lake Road	16+70	18+50		1	2	
	18+50	22+40				
	PROJECT TOTAL		2	16	15	

28	SCHEDULE OF COMBINATION CONCRETE CURB AND GUTTER				
	STREET	STATION		(60603800) TYPE B-6.12	(60605000) TYPE B-6.24
		FROM	TO	(FOOT)	(FOOT)
Washington Street	200+00	4+50	753	240	
	4+50	9+50	1,041		
	9+50	15+00	1,165		
	15+00	20+00	1,026		
	20+00	25+00	1,084		
	25+00	29+50	1,027		
	29+50	34+50	1,088		
	34+50	39+50	1,249		
	39+50	45+00	1,184		
	45+00	50+50	1,207		
	50+50	55+00	150		
	55+00	60+00			
	60+00	63+34			
	Cedar Lake Road	16+70	18+50		178
		18+50	22+40		398
	PROJECT TOTAL			10,974	816

31	SCHEDULE OF FIRE HYDRANTS TO BE MOVED (56400100)			
	STREET	STATION		TOTAL
		FROM	TO	(EACH)
Washington Street	200+00	4+50		
	4+50	9+50		
	9+50	15+00		
	15+00	20+00		
	20+00	25+00	1	
	25+00	29+50	1	
	29+50	34+50	1	
	34+50	39+50		
	39+50	45+00		
	45+00	50+50		
	50+50	55+00		
	55+00	60+00		
	60+00	63+34		
	Cedar Lake Road	16+70	18+50	
18+50		22+40		
PROJECT TOTAL			3	

26	SCHEDULE OF CHAIN LINK FENCE, 4' (SPECIAL) (X6640550)			
	STREET	STATION		LENGTH
		FROM	TO	(FOOT)
Washington Street	200+00	4+50		
	4+50	9+50		
	9+50	15+00	80	
	15+00	20+00	222	
	20+00	25+00	149	
	25+00	29+50	66	
	29+50	34+50	184	
	34+50	39+50	34	
	39+50	45+00	71	
	45+00	50+50	117	
	50+50	55+00		
	55+00	60+00		
	60+00	63+34		
	Cedar Lake Road	16+70	18+50	
		18+50	22+40	
	PROJECT TOTAL			923

29	SCHEDULE OF PERMANENT PAVEMENT MARKINGS									
	STREET	STATION		THERMOPLASTIC					PAINT	
				(78000100) LETTERS AND SYMBOLS	(78000200) LINE 4"	(78000400) LINE 6"	(78000500) LINE 8"	(78000600) LINE 12"	(78000650) LINE 24"	(X7800100) RAISED MEDIAN
				(SQ FT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(SQ FT)
Washington Street	200+00	5+00	316	2399	891	1321	1008	130	81	
	5+00	15+00	234	2098	72	1749				
	15+00	24+00	234	1,857	70	1,509	134			
	24+00	33+00	278	1,552	39	1,376				
	33+00	43+50	283	2,581	87	1,685	57			
	43+50	53+00	229	1,822		728	131			
	53+00	63+00								
	PROJECT TOTAL			1,574	12,309	1,159	8,368	1,330	130	81

32	SCHEDULE OF PAVEMENT MARKING REMOVAL (78300100)			
	STREET	STATION		AREA
		FROM	TO	(SQ FT)
Washington Street	200+00	5+00	226	
	5+00	15+00		
	15+00	24+00		
	24+00	33+00		
	33+00	43+50		
	43+50	53+00		
	53+00	63+00		
PROJECT TOTAL			226	

DATE	
BY	
FINAL SURVEY	
NOTICE BOOK	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
NOTICE BOOK	
NO.	

33 SCHEDULE OF REMOVE SIGN PANEL ASSEMBLY			
STREET	STATION		TYPE A (72400100) (EACH)
	FROM	TO	
Washington Street	200+00	5+00	
	5+00	15+00	
	15+00	24+00	
	24+00	33+00	
	33+00	43+50	2
	43+50	53+00	
	53+00	63+00	
PROJECT TOTAL			2

34 SCHEDULE OF RAISED REFLECTIVE PAVEMENT MARKERS (78100100)			
STREET	STATION		TOTAL (EACH)
	FROM	TO	
Washington Street	200+00	5+00	67
	5+00	15+00	
	15+00	24+00	
	24+00	33+00	
	33+00	43+50	
	43+50	53+00	
	53+00	63+00	
PROJECT TOTAL			67

35 SCHEDULE OF TREES							
STREET	STATION		(A2000616) ACER PLATANOIDES (NORWAY MAPLE), 2" CALIPER, BALLED AND BURLAPPED (EACH)	(A2002916) CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2" CALIPER, BALLED AND BURLAPPED (EACH)	(A2005016) GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2" CALIPER, BALLED AND BURLAPPED (EACH)	(A2006716) QUERCUS MACROCARPA (BUR OAK), 2" CALIPER, BALLED AND BURLAPPED (EACH)	(A2007116) QUERCUS RUBRA (RED OAK), 2" CALIPER, BALLED AND BURLAPPED (EACH)
	FROM	TO					
Washington Street	200+00	5+00					
	5+00	15+00					
	15+00	24+00			1	2	3
	24+00	33+00					
	33+00	43+50	2		2	3	2
	43+50	53+00					
	53+00	63+00					
PROJECT TOTAL			2	1	3	5	5

36 SCHEDULE OF TEMPORARY ACCESS						
STREET	STATION		(X4021000) PRIVATE ENTRANCE (EACH)	(X4022000) COMMERCIAL ENTRANCE (EACH)	(X4023000) ROAD (EACH)	
	FROM	TO				
Washington Street	200+00	4+50		14		
	4+50	9+50	4	2	1	
	9+50	15+00	1	1	3	
	15+00	20+00	4		1	
	20+00	25+00	2	2	3	
	25+00	29+50	4		3	
	29+50	34+50	4	1	2	
	34+50	39+50	13		3	
	39+50	45+00	10		3	
	45+00	50+50	9		4	
	50+50	55+00	2	2	1	
	55+00	60+00				
	60+00	63+34				
	Cedar Lake Road	16+70	18+50		1	
		18+50	22+40		3	1
PROJECT TOTAL			53	26	25	

37 SCHEDULE OF MEDIAN ITEMS				
STREET	STATION		(60618300) CONCRETE MEDIAN SURFACE, 4 INCH (SQ FT)	
	FROM	TO		
Washington Street	200+00	4+50	270	
	4+50	9+50		
	9+50	15+00		
	15+00	20+00		
	20+00	25+00		
	25+00	29+50		
	29+50	34+50		
	34+50	39+50		
	39+50	45+00		
	45+00	50+50		
	50+50	55+00		
	55+00	60+00		
	60+00	63+34		
	Cedar Lake Road	16+70	18+50	
		18+50	22+40	
		PROJECT TOTAL		

38 SCHEDULE OF PIPE UNDERDRAINS 4" (MODIFIED) (X6013600)				
STREET	STATION		LENGTH (FOOT)	
	FROM	TO		
Washington Street	200+00	4+50	1,156	
	4+50	9+50	1,001	
	9+50	15+00	1,148	
	15+00	20+00	1,000	
	20+00	25+00	1,000	
	25+00	29+50	900	
	29+50	34+50	1,048	
	34+50	39+50	1,434	
	39+50	45+00	1,100	
	45+00	50+50	1,100	
	50+50	55+00		
	55+00	60+00		
	60+00	63+34		
	Cedar Lake Road	16+70	18+50	
		18+50	22+40	364
PROJECT TOTAL			11,251	

39 SCHEDULE OF TREE PROTECTION AND PRESERVATION (XX006698)			
STREET	STATION		TOTAL (EACH)
	FROM	TO	
Washington Street	200+00	5+00	3
	5+00	15+00	4
	15+00	24+00	21
	24+00	33+00	12
	33+00	43+50	35
	43+50	53+00	15
	53+00	63+00	
PROJECT TOTAL			90

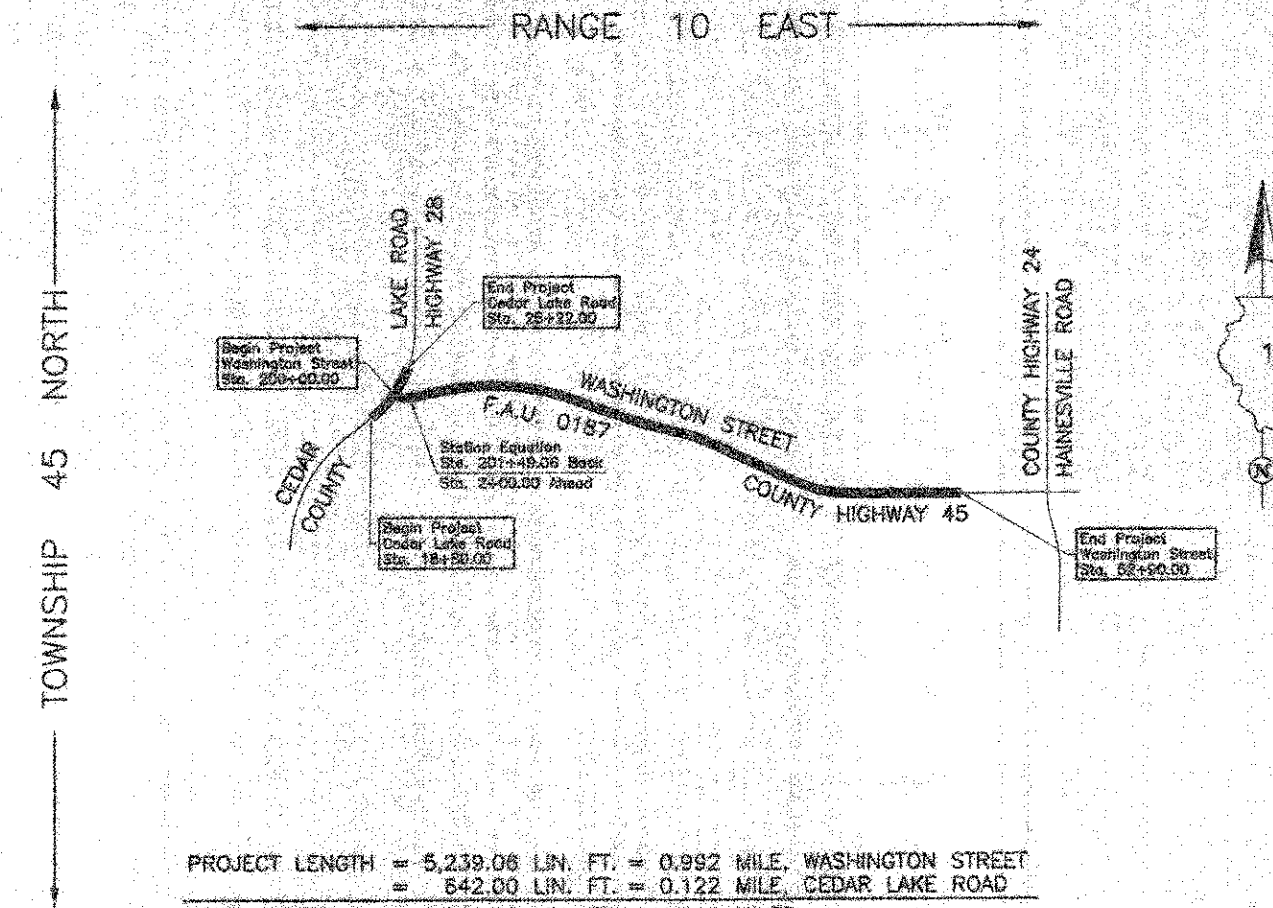
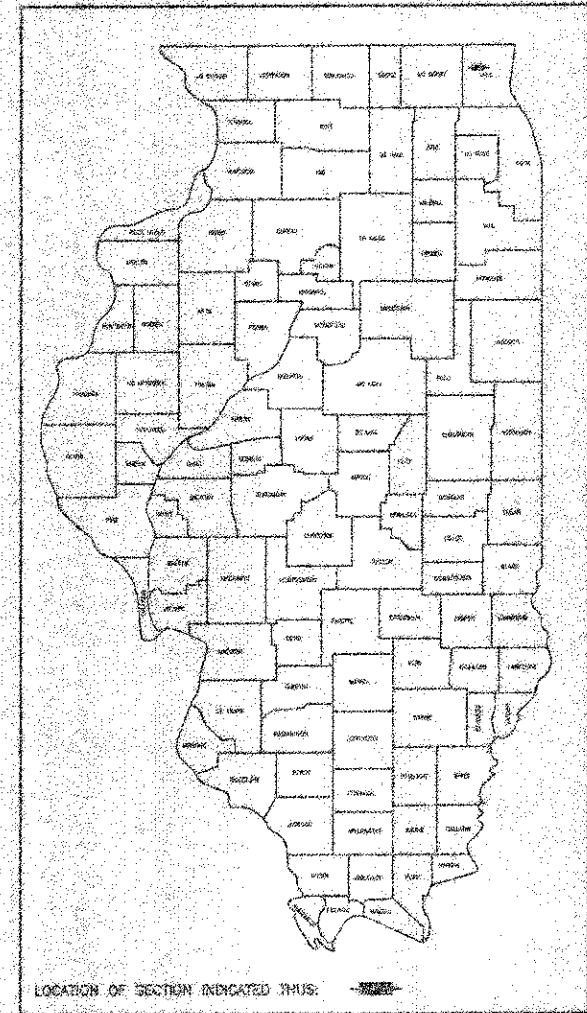
40 SCHEDULE OF DRY RUBBLE STONE OR BROKEN CONCRETE TREE WELLS (Z0019400)				
STREET	STATION		VOLUME (CU YD)	
	FROM	TO		
Washington Street	200+00	4+50		
	4+50	9+50		
	9+50	15+00		
	15+00	20+00		
	20+00	25+00		
	25+00	29+50	1	
	29+50	34+50		
	34+50	39+50		
	39+50	45+00		
	45+00	50+50		
	50+50	55+00		
	55+00	60+00		
	60+00	63+34		
	Cedar Lake Road	16+70	18+50	
		18+50	22+40	
PROJECT TOTAL			1	

LAKE COUNTY DIVISION OF TRANSPORTATION RIGHT OF WAY PLANS FOR PROPOSED FEDERAL AID HIGHWAY

ROUTE: F.A.U. 0187 (WASHINGTON STREET)
SECTION: 05-00121-07-WR
PROJECT NO.: RS-9003(764)
JOB NO.: R-91-008-11
COUNTY: LAKE
LIMITS: CEDAR LAKE ROAD TO HAINESVILLE ROAD

* F.A.U. 0187 (WASHINGTON STREET)				
F.A. R/FE	SECTION	COUNTY	SHEET	TOTAL SHEETS
05	00121-07-WR	LAKE	33	1

** 05-00121-07-WR
R-91-008-11



PROJECT LENGTH = 5,239.06 LIN. FT. = 0.992 MILE, WASHINGTON STREET
 = 642.00 LIN. FT. = 0.122 MILE, CEDAR LAKE ROAD
 TOTAL LENGTH = 5,881.06 LIN. FT. = 1.114 MILES

APPROVED _____ 2012
Pamela Thomas
 LOCAL AGENCY OFFICIAL

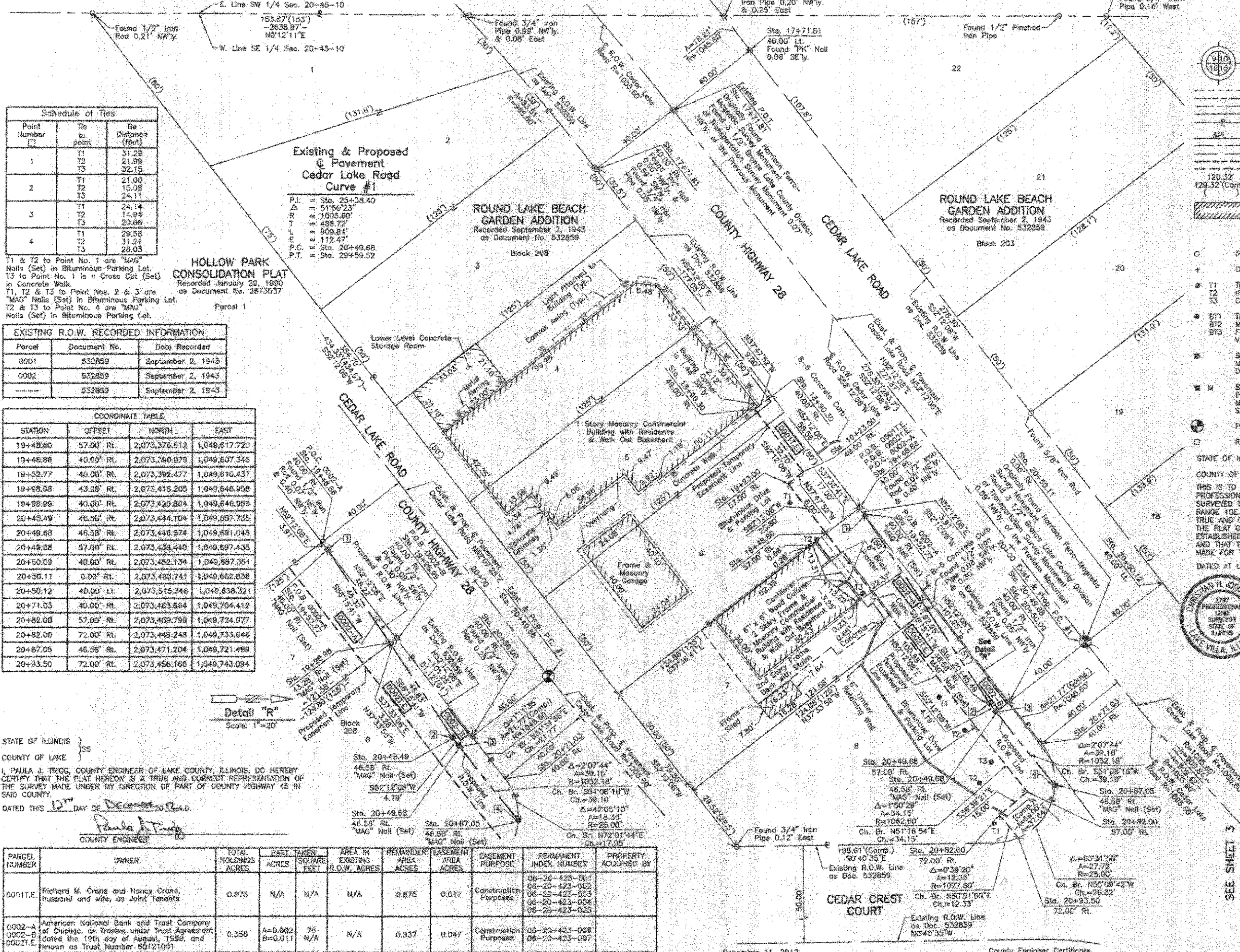
APPROVED _____ 20
 ENGINEER OF LAND ACQUISITION

APPROVED _____ 20
 ENGINEER OF LOCAL ROADS & STREETS

APPROVED _____ 20
 DISTRICT ENGINEER

LAKE COUNTY
DIVISION OF TRANSPORTATION

PART OF THE SE 1/4 OF SEC. 20, TWP. 45 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.



Schedule of Ties

Point Number	Tie Point	Tie Distances (feet)
1	T1	31.28
	T2	21.98
	T3	32.15
2	T1	21.00
	T2	15.08
	T3	24.11
3	T1	24.14
	T2	14.94
	T3	20.85
4	T1	29.58
	T2	31.21
	T3	28.03

Existing & Proposed Pavement Cedar Lake Road Curve #1

P.I. = Sta. 25+38.40
 Δ = 51°50'23"
 R = 1005.80'
 T = 488.72'
 L = 809.84'
 E = 172.47'
 P.C. = Sta. 26+49.68
 P.T. = Sta. 29+59.52

HOLLOW PARK CONSOLIDATION PLAT
 Recorded January 29, 1990
 as Document No. 2873537

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
0001	532859	September 2, 1943
0002	532859	September 2, 1943
---	532859	September 2, 1943

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
19+48.60	57.00' Rt.	2,073,376.612	1,048,617.720
19+48.96	40.00' Rt.	2,073,390.978	1,049,607.345
19+52.77	40.00' Rt.	2,073,392.477	1,049,610.437
19+58.08	43.59' Rt.	2,073,418.200	1,049,646.908
19+58.96	40.00' Rt.	2,073,420.804	1,049,646.959
20+45.49	46.55' Rt.	2,073,444.104	1,049,687.735
20+49.68	46.58' Rt.	2,073,448.674	1,049,691,048
20+49.68	57.00' Rt.	2,073,438.440	1,049,697.435
20+50.09	40.00' Rt.	2,073,452.134	1,049,687.351
20+50.11	0.00' Rt.	2,073,463.741	1,049,688.638
20+50.12	40.00' Lt.	2,073,515.248	1,049,638.321
20+71.03	40.00' Rt.	2,073,463.684	1,049,704.412
20+82.00	57.00' Rt.	2,073,459.798	1,049,724.077
20+82.00	72.00' Rt.	2,073,469.248	1,049,733.646
20+87.05	46.58' Rt.	2,073,471.204	1,049,721.498
20+93.50	72.00' Rt.	2,073,456.166	1,049,743.094

LEGEND

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

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

Scale: 1"=20'

- IRON PIPE OR ROD FOUND
- ⊙ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- ⊙ 5/8" REBAR SET
- THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8" INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION, BURIED 5/8" INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION, DATA AND SURVEYORS REGISTRATION NUMBER.
- ⊙ STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8" INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STD 1155 (TO BE SET BY OTHERS)
- ⊙ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
 COUNTY OF LAKE }
 THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 20, TOWNSHIP 45N., RANGE 10E., 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 AT LAKE VILLA, ILLINOIS THIS 12TH DAY OF DECEMBER, 2012, A.D.



JORGENSEN & ASSOCIATES, INC.
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2747
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2012
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
 Note: Surface Coordinates are Shown, Project Average Combined Scale Factor 0.999943

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
17+71.81	40.00' Lt.	2,073,344.788	1,049,418.417
17+71.81	40.00' Rt.	2,073,281.672	1,049,487.447
18+80.30	40.00' Rt.	2,073,354.191	1,049,581.075
18+90.30	48.00' Rt.	2,073,347.979	1,049,586.581
19+23.00	48.00' Rt.	2,073,387.120	1,049,582.428
19+23.00	57.00' Rt.	2,073,368.799	1,049,587.332

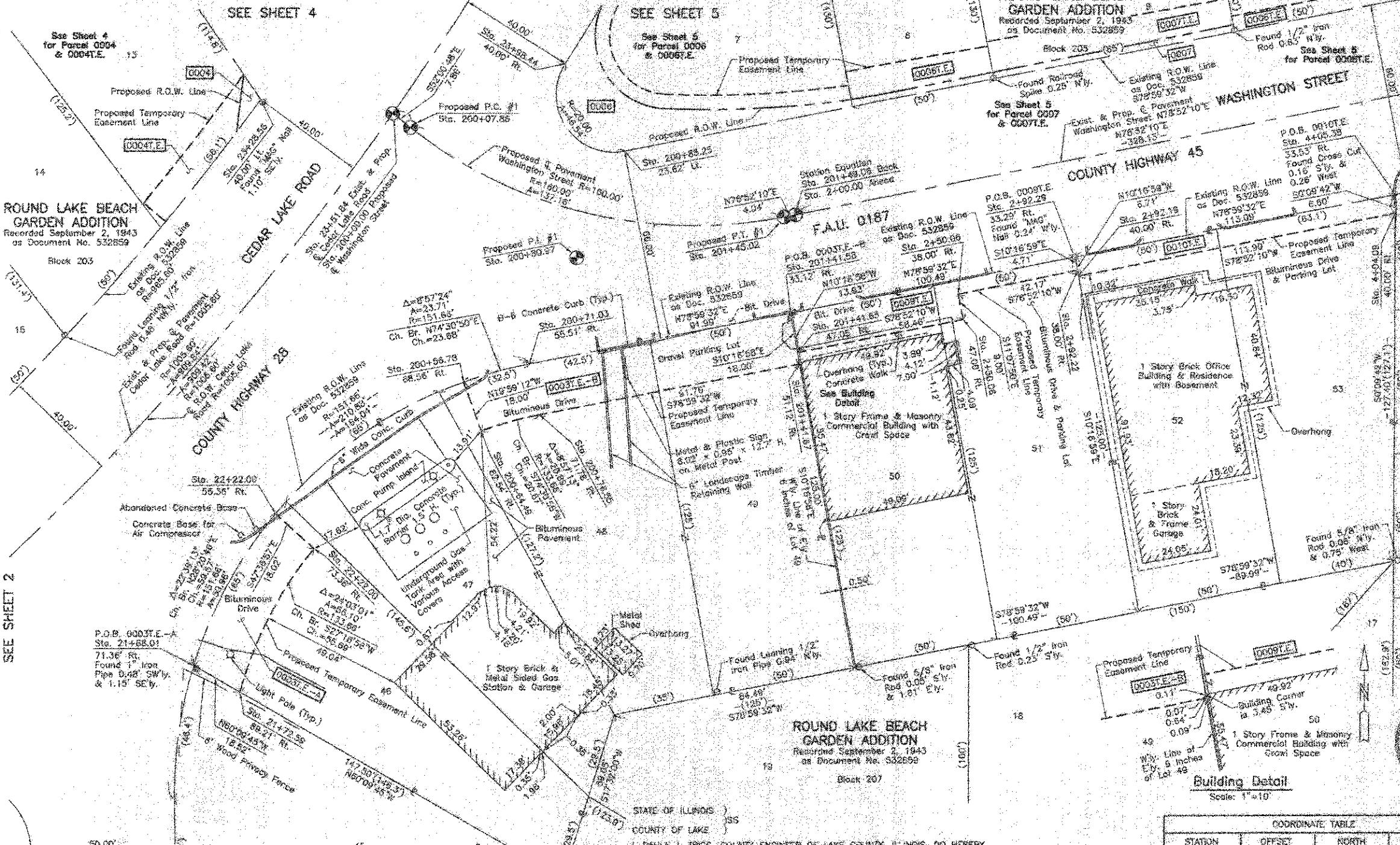
STATE OF ILLINOIS }
 COUNTY OF LAKE }
 I, PAULA J. TRIGG, COUNTY ENGINEER OF LAKE COUNTY, ILLINOIS, DO HEREBY CERTIFY THAT THE PLAT HEREON IS A TRUE AND CORRECT REPRESENTATION OF THE SURVEY MADE UNDER MY DIRECTION OF PART OF COUNTY HIGHWAY 45 IN SAID COUNTY.
 DATED THIS 12TH DAY OF DECEMBER, 2012.
 Paula J. Trigg
 COUNTY ENGINEER

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	SQUARE FEET	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
0001E	Richard M. Crane and Nancy Crane, husband and wife, as Joint Tenants	0.875	N/A	N/A	N/A	0.875	0.017	Construction Purposes	06-20-425-001 06-20-423-002 06-20-423-003 06-20-423-004 06-20-423-005	
0002-A 0002-B 0002-E	American National Bank and Trust Company of Chicago, as Trustee under Trust Agreement dated the 19th day of August, 1996, and known as Trust Number 60121051	0.350	A=0.002 B=0.011	76 N/A	N/A	0.337	0.047	Construction Purposes	06-20-423-006 06-20-423-007	

December 11, 2012
 REVISION DATE March 29, 2012
 County Engineer Certificate
 REVISION Changed Parcel 0002 to 0002-A & 0002-B
 MADE BY

PLAT OF HIGHWAYS LAKE COUNTY
 DIVISION OF TRANSPORTATION
 F.A.U. 0187 (WASHINGTON STREET)
 SECTION 05-00121-07-WR LAKE COUNTY
 PROJECT RS-8003(764) JOB NO. R-91-008-11
 STATION 17+71.54 TO STATION 21+00
 SCALE: 1"=20' SHEET 2 OF 33

LAKE COUNTY DIVISION OF TRANSPORTATION
 600 WEST WINCHESTER ROAD
 LIBERTYVILLE, ILLINOIS 60048



LEGEND

SECTION CORNER 16 15 QUARTER SECTION CORNER

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

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

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois State Plane Coordinate System: NAD 83(2011) East Zone.

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

THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8" 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" 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 DIMENSION 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" IRON METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

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

RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS)
COUNTY OF LAKE)

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 20, TOWNSHIP 45N., RANGE 10E., 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 LAKE COUNTY DIVISION OF TRANSPORTATION, STATE OF ILLINOIS, DATED AT LAKE VILLA, ILLINOIS THIS 22ND DAY OF DECEMBER 2012 A.D.

Christian H. Jorgensen PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2012
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
Note: Surface Coordinates are Shown, Project Average Combined Scale Factor 0.999948

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
2+50.06	38.00' RL	2,073,638.922	1,050,088.044
2+50.06	47.00' RL	2,073,630.091	1,050,087.782
2+92.18	40.00' RL	2,073,646.094	1,050,107.774
2+92.22	38.00' RL	2,073,647.692	1,050,107.417
2+92.28	33.29' RL	2,073,631.688	1,050,106.576

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
0005	532859	September 2, 1943
0009	532859	September 2, 1943
0010	532859	September 2, 1943
	532859	September 2, 1943

EXISTING & PROPOSED Pavement Cedar Lake Road Curve #1

STATION	OFFSET	NORTH	EAST
4+04.09	40.00' RL	2,073,666.095	1,050,217.588
4+05.38	33.53' RL	2,073,673.292	1,050,217.588
21+88.01	71.36' RL	2,073,610.685	1,049,801.573
21+72.58	58.21' RL	2,073,501.248	1,049,817.642
22+22.00	55.38' RL	2,073,582.898	1,049,820.888
22+22.00	73.58' RL	2,073,550.748	1,049,843.170
23+28.55	40.00' LL	2,073,706.267	1,049,824.272
23+95.44	40.00' RL	2,073,718.887	1,049,820.685
200+56.70	68.55' RL	2,073,688.821	1,049,894.899
200+84.49	82.54' RL	2,073,591.705	1,049,900.961
200+71.03	58.51' RL	2,073,614.945	1,049,817.633
200+76.55	71.78' RL	2,073,592.276	1,049,821.070
200+95.25	23.62' LL	2,073,688.858	1,049,950.415
201+41.58	38.12' RL	2,073,632.515	1,050,037.833
201+41.85	47.05' RL	2,073,612.806	1,050,016.419
201+41.87	51.12' RL	2,073,614.798	1,050,011.146

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60048
(647) 358-3377

SHEET 1 IS A COVER STREET AND IS NOT RECORDED.

PLAT OF HIGHWAYS LAKE COUNTY

DIVISION OF TRANSPORTATION

F.A.U. 0187 (WASHINGTON STREET)

SECTION 05-00121-07-WR LAKE COUNTY
PROJECT R5-9003(764) JOB NO. R-91-008-11

STATION 2+00.00 TO STATION 5+00 (WASHINGTON ST.)
STATION 21+00 TO STATION 24+00 (CEDAR LAKE RD.)
STATION 200+00.00 TO STATION 201+49.06 (WASHINGTON ST.)

SCALE: 1"=20' SHEET 3 OF 33

LAKE COUNTY DIVISION OF TRANSPORTATION
600 WEST WINCHESTER ROAD
LIBERTYVILLE, ILLINOIS 60048

I, PAULA J. TRIGG, COUNTY ENGINEER OF LAKE COUNTY, ILLINOIS, DO HEREBY CERTIFY THAT THE PLAT HEREON IS A TRUE AND CORRECT REPRESENTATION OF THE SURVEY MADE UNDER MY DIRECTION OF PART OF COUNTY HIGHWAY 45 IN SAID COUNTY.

DATED THIS 12TH DAY OF DECEMBER 2012 A.D.

Paula J. Trigg
COUNTY ENGINEER

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
0003T.E.-A 0003T.E.-B	Wayne Hummer Trust Company, as Trustee on behalf of Wayne Hummer Trust Company, NA, formerly known as Wintrust Asset Management, NA, as successor trustee to State Bank of the Lakes, as successor to State Bank of Antioch, as Trustee under Trust Agreement, dated the 1st day of October, 1993, known as Trust Number 93-149	0.601	N/A	N/A	0.601	A=0.024 B=0.047	Driveway Construction Construction Purpose	08-20-417-001 06-20-417-002	
0009T.E.	Syed K. Hussain	0.288	N/A	N/A	0.288	0.023	Construction Purpose	06-20-417-003 06-20-417-004	
0010T.E.	Tos Properties	0.291	N/A	N/A	0.291	0.017	Construction Purpose	06-20-417-005	

PART OF THE SE 1/4 OF SEC. 20, TWP. 45 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

Existing & Proposed
Pavement
Cedar Lake Road
Curve #1

P.I. = Sta. 25+28.40
Δ = 51°50'23"
R = 1065.60'
T = 488.72'
L = 908.84'
E = 112.47'
P.C. = Sta. 20+49.68
P.T. = Sta. 29+69.52

Proposed Pavement
Washington Street
Curve #1

P.I. = Sta. 200+80.97
Δ = 49°07'01"
R = 180.00'
T = 73.11'
L = 137.16'
E = 15.91'
P.C. = Sta. 200+07.86
P.T. = Sta. 201+45.02

Parcel	Document No.	Date Recorded
0004	532859	September 2, 1943
0005	532859	September 2, 1943
---	532859	September 2, 1943

STATION	OFFSET	NORTH	EAST
23+14.00	40.00' Lt.	2,073,895.058	1,049,815.909
23+28.56	40.00' Lt.	2,073,798.267	1,049,824.272
23+32.18	50.00' Lt.	2,073,714.983	1,049,818.245
23+36.39	67.94' Lt.	2,073,774.989	1,049,837.467
23+98.44	40.00' Rt.	2,073,718.837	1,049,929.695
24+03.31	83.00' Lt.	2,073,798.449	1,049,828.143
24+16.00	40.00' Lt.	2,073,775.993	1,049,870.988
24+17.00	40.00' Lt.	2,073,779.818	1,049,871.488
24+87.95	40.00' Lt.	2,073,836.241	1,049,904.771
200+71.03	55.51' Rt.	2,073,614.945	1,049,917.633
200+85.25	23.82' Lt.	2,073,688.558	1,049,950.413

Point Number	To point	Distance (feet)
1	T1	18.37
	T2	18.56
	T3	28.55
2	T1	26.31
	T2	12.21
	T3	9.85

T1 & T2 to Point Nos. 1 & 2 are "MAG" Nails (Set) in Bituminous Parking Lot. T3 to Point Nos. 1 & 2 is the Frame Corner of 1 Story Frame Multi-Family Residence, measured 0.8' above existing ground.

STATE OF ILLINOIS }
COUNTY OF LAKE }
I, PAULA J. TRIGO, COUNTY ENGINEER OF LAKE COUNTY, ILLINOIS, DO HEREBY CERTIFY THAT THE PLAT HEREON IS A TRUE AND CORRECT REPRESENTATION OF THE SURVEY MADE UNDER MY DIRECTION OF PART OF COUNTY HIGHWAY 45 IN SAID COUNTY.
DATED THIS 12TH DAY OF December 2012 A.D.

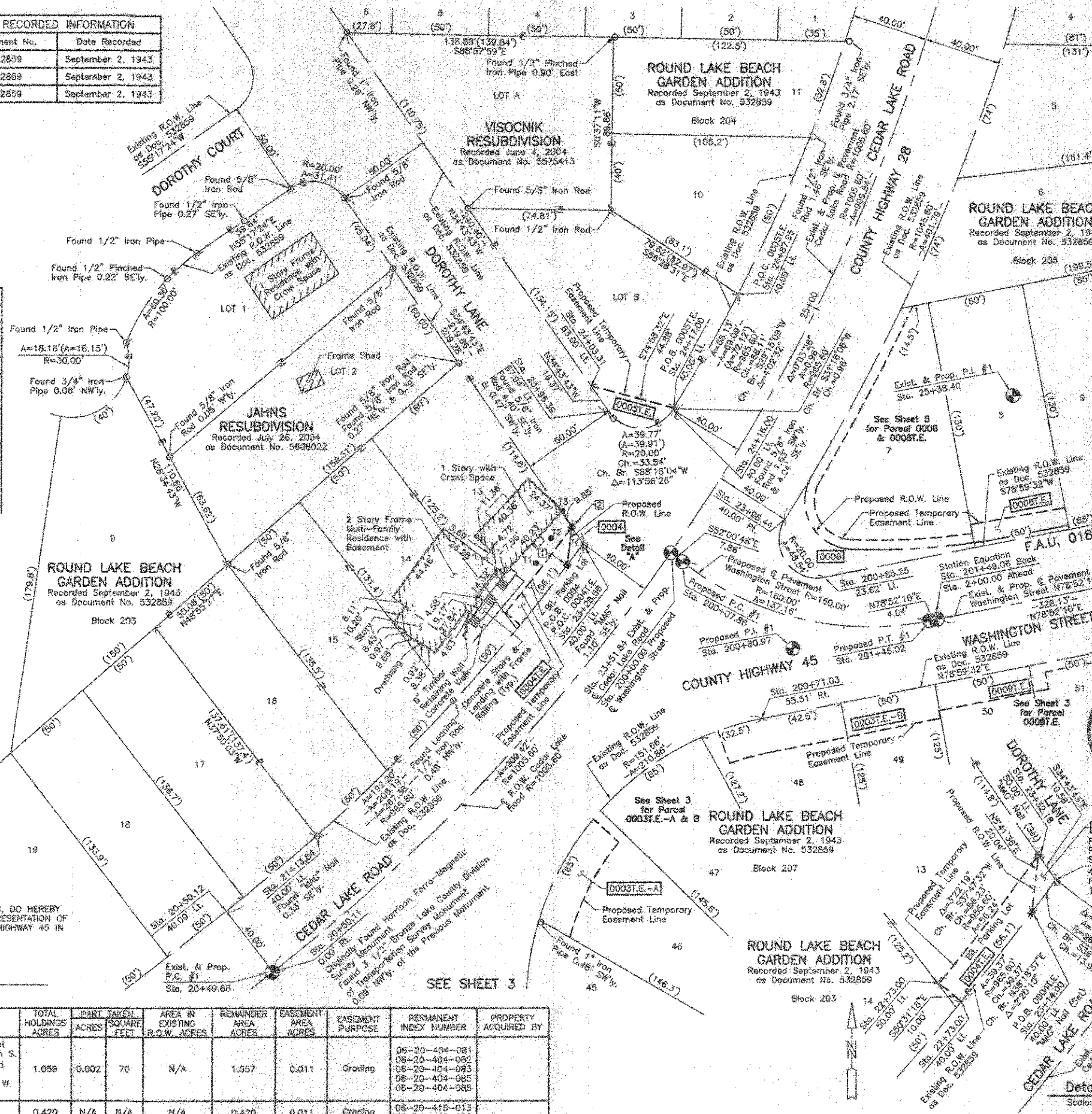
Paula J. Trigo
COUNTY ENGINEER

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
0004 0004T.E.	Deborah S. Jahne, as Trustee under Trust Agreement dated February 3, 2001, and known as the Deborah S. Jahne Trust Number One, as to a 1/2 interest, and Ronald W. Jahne, as Trustee under Trust Agreement dated February 3, 2001, and known as the Ronald W. Jahne Trust Number One, as to a 1/2 interest	1.059	0.002	70	N/A	1.057	0.011	Grading	06-20-404-081 08-20-404-082 08-20-404-083 08-20-404-085 08-20-404-088
0005T.E.	Lisa Ku, a single person	0.420	N/A	N/A	N/A	0.420	0.011	Grading	08-20-418-013 08-20-418-014

REVISION DATE December 11, 2012

REVISION County Engineer Certificate

MADE BY



LEGEND

SECTION CORNER 16 15 QUARTER SECTION CORNER

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

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

EXISTING BUILDING

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

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

● T1
● T2
● T3

● 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. STD 2138 (TO BE SET BY OTHERS)

□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE }
THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM (LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 20, TOWNSHIP 45N, RANGE 10E, 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 LAKE COUNTY DIVISION OF TRANSPORTATION, STATE OF ILLINOIS.
DATED AT LAKE VILLA, ILLINOIS THIS 12TH DAY OF December 2012 A.D.

Christian H. Jorgensen PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE NOVEMBER 30, 2012
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
Note: Station Coordinates are Shown, Project Average Combined Scale Factor 0.989948.

STATION	OFFSET	NORTH	EAST
20+50.12	40.00' Lt.	2,073,518.348	1,049,838.321
20+50.11	0.00' Rt.	2,073,483.741	1,049,862.536
21+13.64	40.00' Lt.	2,073,554.388	1,049,885.424
22+73.00	40.00' Lt.	2,073,684.166	1,049,791.805
22+73.00	50.00' Lt.	2,073,670.827	1,049,783.786

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
20+50.12	40.00' Lt.	2,073,518.348	1,049,838.321
20+50.11	0.00' Rt.	2,073,483.741	1,049,862.536
21+13.64	40.00' Lt.	2,073,554.388	1,049,885.424
22+73.00	40.00' Lt.	2,073,684.166	1,049,791.805
22+73.00	50.00' Lt.	2,073,670.827	1,049,783.786

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60048
(647) 350-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

**PLAT OF HIGHWAYS
LAKE COUNTY
DIVISION OF TRANSPORTATION**
F.A.U. 0187 (WASHINGTON STREET)
SECTION 05-00121-07-WR LAKE COUNTY
PROJECT R5-8003(784) JOB NO. R-91-008-11
STATION 20+51.06 TO STATION 27+00 (CEDAR LAKE RD.)
STATION 200+00.00 TO STATION 201+49.06 (WASHINGTON ST.)
SCALE: 1"=30'
SHEET 4 OF 33

LAKE COUNTY DIVISION OF TRANSPORTATION
600 WEST WINCHESTER ROAD
LIBERTYVILLE, ILLINOIS 60048

COORDINATE TABLE

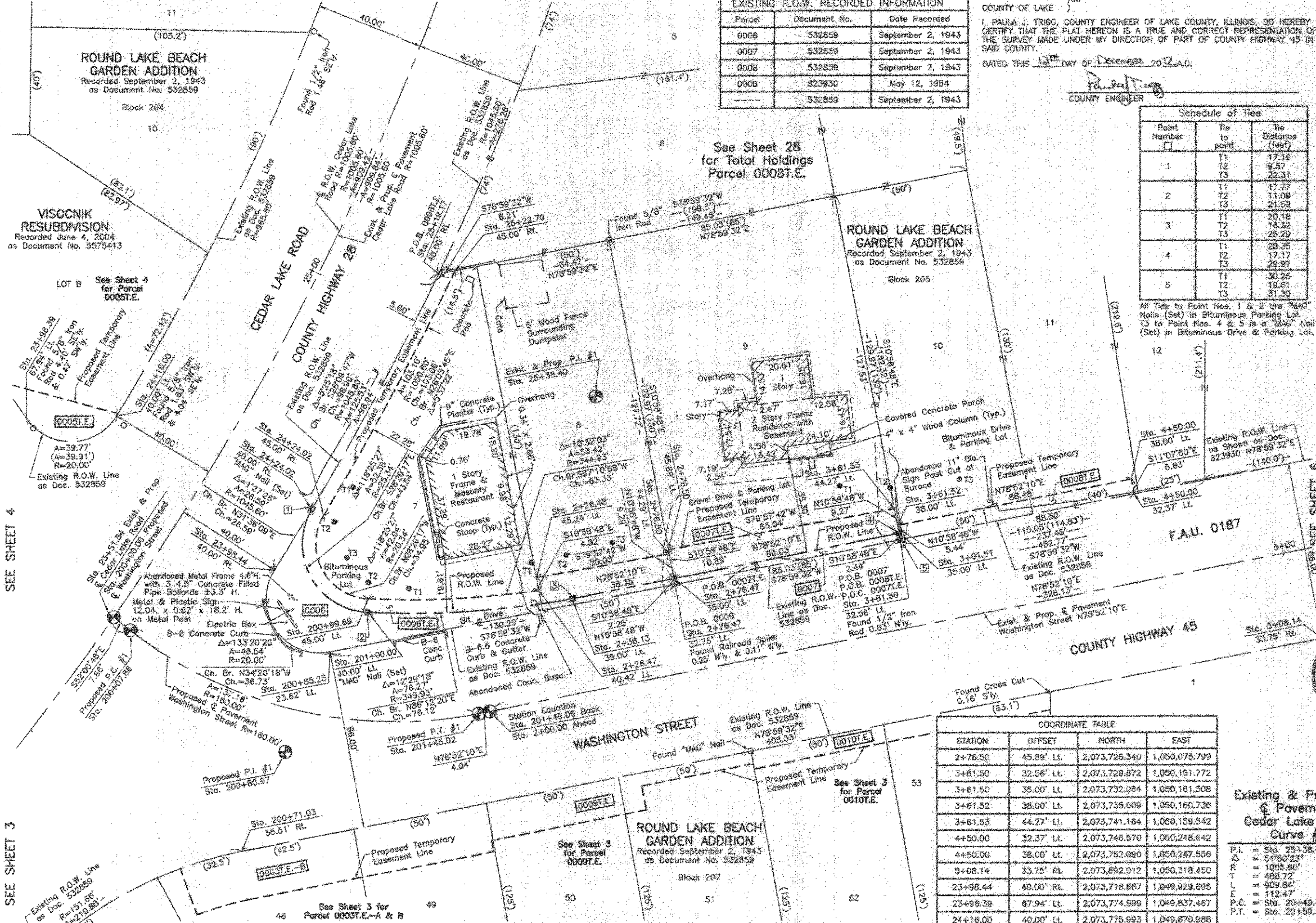
STATION	OFFSET	NORTH	EAST
20+50.12	40.00' Lt.	2,073,518.348	1,049,838.321
20+50.11	0.00' Rt.	2,073,483.741	1,049,862.536
21+13.64	40.00' Lt.	2,073,554.388	1,049,885.424
22+73.00	40.00' Lt.	2,073,684.166	1,049,791.805
22+73.00	50.00' Lt.	2,073,670.827	1,049,783.786

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60048
(647) 350-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

**PLAT OF HIGHWAYS
LAKE COUNTY
DIVISION OF TRANSPORTATION**
F.A.U. 0187 (WASHINGTON STREET)
SECTION 05-00121-07-WR LAKE COUNTY
PROJECT R5-8003(784) JOB NO. R-91-008-11
STATION 20+51.06 TO STATION 27+00 (CEDAR LAKE RD.)
STATION 200+00.00 TO STATION 201+49.06 (WASHINGTON ST.)
SCALE: 1"=30'
SHEET 4 OF 33

LAKE COUNTY DIVISION OF TRANSPORTATION
600 WEST WINCHESTER ROAD
LIBERTYVILLE, ILLINOIS 60048



Parcel	Document No.	Date Recorded
0006	532859	September 2, 1943
0007	532859	September 2, 1943
0008	532859	September 2, 1943
0008	823930	May 12, 1964
---	532859	September 2, 1943

STATE OF ILLINOIS }
 COUNTY OF LAKE }
 I, PAULA J. TRIGG, COUNTY ENGINEER OF LAKE COUNTY, ILLINOIS, DO HEREBY CERTIFY THAT THE PLAT HEREON IS A TRUE AND CORRECT REPRESENTATION OF THE SURVEY MADE UNDER MY DIRECTION OF PART OF COUNTY HIGHWAY 45 IN SAID COUNTY.
 DATED THIS 13TH DAY OF DECEMBER, 2012 A.D.

LEGEND

- SECTION CORNER
 - QUARTER SECTION CORNER
 - SECTION LINE
 - QUARTER SECTION LINE
 - QUARTER SECTION LINE
 - PLATTED LOT LINE
 - PROPERTY (DEED) LINE
 - APPARENT PROPERTY LINE
 - CENTER LINE
 - EXISTING RIGHT OF WAY LINE
 - PROPOSED RIGHT OF WAY LINE
 - PROPOSED EASEMENT
 - MEASURED DIMENSION
 - COMPUTED DIMENSION
 - RECORD DATA
 - EXISTING BUILDING
- Bearings and Coordinates are referenced to the Illinois State Plane Coordinate System NAD 83(2007) East Zone.
- IRON PIPE OR ROD FOUND
 - ⊙ "MAG" NAIL SET
 - + CUT CROSS FOUND OR SET
 - 5/8" REBAR SET
 - ⊕ THESE STAKES REFERENCE FOUND OR SET MONUMENTAL SET 1/2" HIGH IRON ROD FLUSH WITH GROUND TO BE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - ⊕ THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTAL BURIED 5/8" HIGH 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" HIGH IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - ⊕ PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
 - RIGHT OF WAY STAKING PROPOSED TO BE SET.

Point Number	To Point	To Distance (ft)
1	T1	17.18
	T2	8.57
	T3	22.31
2	T1	17.77
	T2	11.08
	T3	21.59
3	T1	20.18
	T2	18.32
	T3	25.29
4	T1	28.35
	T2	17.17
	T3	29.37
5	T1	30.25
	T2	18.61
	T3	31.30

All Ties to Point Nos. 1 & 2 are "MAG" Nails (Set) in Bituminous Parking Lot. T3 to Point Nos. 4 & 5 is a "MAG" Nail (Set) in Bituminous Drive & Parking Lot.

VISOCHNIK RESUBDIVISION
 Recorded June 4, 2004
 as Document No. 5575413

See Sheet 4 for Parcel 00037.E

See Sheet 28 for Total Holdings Parcel 00037.E

ROUND LAKE BEACH GARDEN ADDITION
 Recorded September 2, 1943
 as Document No. 532859

STATE OF ILLINOIS }
 COUNTY OF LAKE }
 THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 20, TOWNSHIP 45N., RANGE 10E, 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 REPLICATED. MADE FOR THE LAKE COUNTY DIVISION OF TRANSPORTATION, STATE OF ILLINOIS.
 DATED AT LAKE VILLA, ILLINOIS THIS 13TH DAY OF DECEMBER, 2012 A.D.



JORGENSEN & ASSOCIATES, INC.
 120 PERRY AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 358-3371

SHEET 7 IS A COVER SHEET AND IS NOT RECORDED.

STATION	OFFSET	NORTH	EAST
2+76.50	45.89' LL	2,073,726.340	1,050,075.799
3+61.50	32.56' LL	2,073,729.872	1,050,151.772
3+61.50	35.00' LL	2,073,732.094	1,050,151.308
3+61.52	38.00' LL	2,073,735.069	1,050,160.738
3+61.53	44.27' LL	2,073,741.164	1,050,159.542
4+50.00	32.37' LL	2,073,748.570	1,050,248.642
4+50.00	36.00' LL	2,073,752.080	1,050,247.556
5+08.14	33.75' RL	2,073,892.912	1,050,318.500
23+98.44	40.00' RL	2,073,718.887	1,049,929.686
23+98.39	67.94' LL	2,073,774.999	1,049,837.467
24+16.00	40.00' LL	2,073,775.985	1,049,870.888
24+24.02	40.00' RL	2,073,741.533	1,049,843.828
24+24.02	45.00' RL	2,073,738.987	1,049,847.920
25+15.17	48.00' RL	2,073,828.727	1,049,990.309
25+22.70	45.00' RL	2,073,828.913	1,049,998.404
200+71.03	55.51' RL	2,073,814.945	1,049,917.833
200+85.25	23.62' LL	2,073,685.558	1,049,950.413
200+99.69	45.00' LL	2,073,708.205	1,049,954.510
201+00.00	40.00' LL	2,073,703.209	1,049,964.298

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
0006	First American Bank, as Trustee under Trust Agreement dated the 15th day of October, 1998, and known as Trust Number 1-98-124	0.341	0.032	N/A	N/A	0.309	0.036	08-20-416-002 06-20-416-003	Construction Purposes
0007	Shalish Patel and Vanish Patel, husband and wife, as Joint Tenants	0.254	0.005	199	N/A	0.249	0.020	06-20-416-004	Construction Purposes
0008	Cook Brook Bank, as successor trustee to First Cook Brook Bank Addition, under trust agreement dated the 5th day of May, 1953, known as Trust Number 773	2.629	N/A	N/A	N/A	2.629	0.011	08-20-400-003 06-20-416-001 08-20-416-005	Construction Purposes

STATION	OFFSET	NORTH	EAST
2+26.47	40.42' LL	2,073,711.317	1,030,927.761
2+26.48	45.24' LL	2,073,715.049	1,030,926.843
2+38.13	35.00' LL	2,073,768.248	1,050,040.249
2+76.47	32.75' LL	2,073,713.436	1,050,078.363
2+76.47	35.00' LL	2,073,715.649	1,050,077.873
2+76.50	44.29' LL	2,073,724.769	1,050,078.104

PLAT OF HIGHWAYS
LAKE COUNTY
DIVISION OF TRANSPORTATION
 F.A.U. 0187 (WASHINGTON STREET)

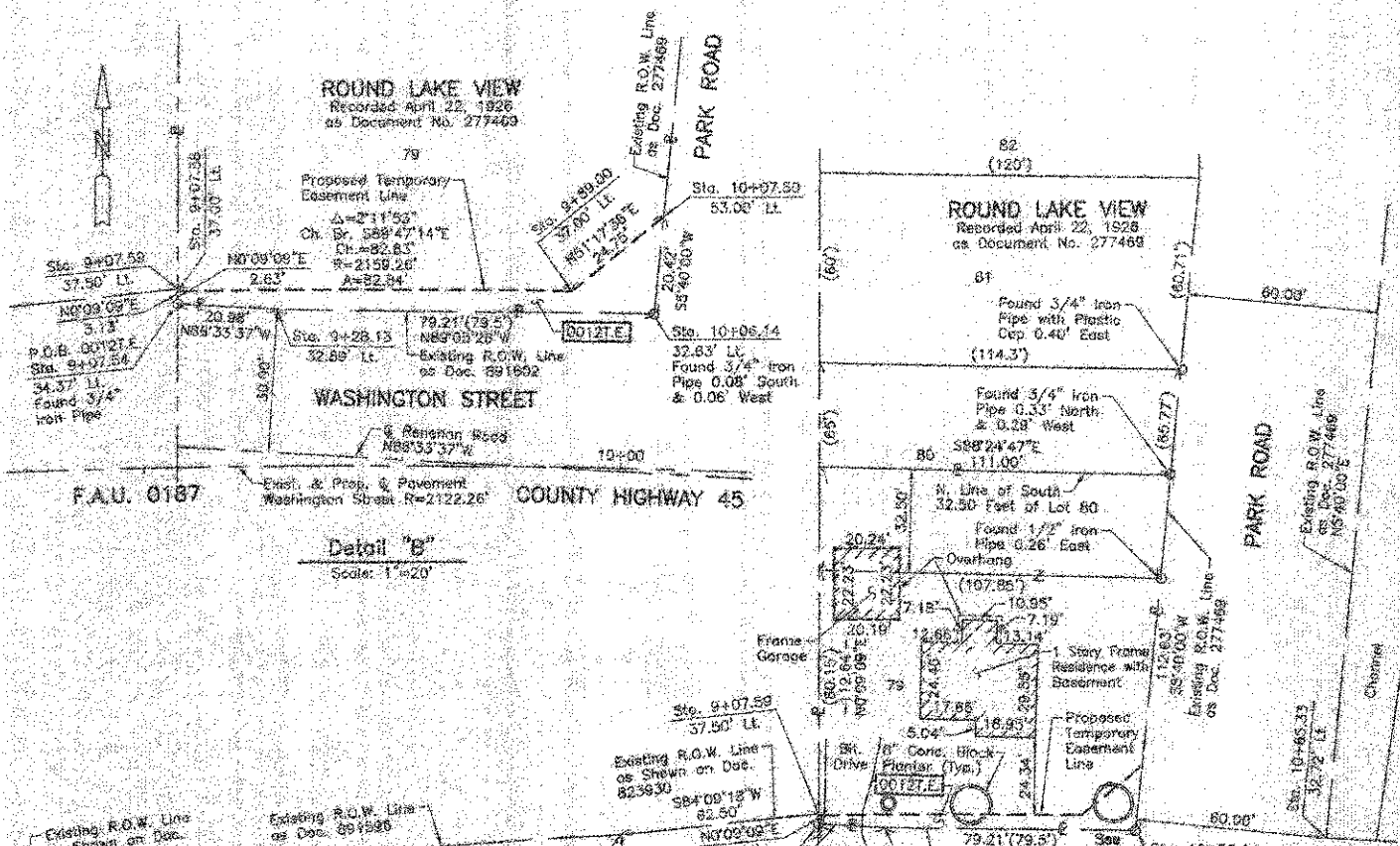
SECTION 05-00121-07-WR LAKE COUNTY
 PROJECT RS-9003(754) JOB NO. R-91-008-11
 STATION 2+00.00 TO STATION 5+00 (WASHINGTON ST.)
 STATION 23+00 TO STATION 26+00 (CEDAR LAKE RD.)
 STATION 200+00.00 TO STATION 201+49.06 (WASHINGTON ST.)
 SCALE: 1"=20'
 SHEET 3 OF 33

LAKE COUNTY DIVISION OF TRANSPORTATION
 600 WEST WINCHESTER ROAD
 LIBERTYVILLE, ILLINOIS 60048

SEE SHEET 3

SEE SHEET 4

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
7+11.63	36.53' RL	2,073,721.170	1,050,818.838
7+11.65	38.55' RL	2,073,721.154	1,050,518.828
8+48.27	33.00' LL	2,073,806.887	1,050,846.869
8+48.19	33.00' RL	2,073,734.835	1,050,850.482
9+06.20	38.00' RL	2,073,731.537	1,050,707.644
9+06.29	35.00' RL	2,073,736.537	1,050,707.658
9+06.98	4.32' LL	2,073,773.870	1,050,767.757
9+07.54	34.37' LL	2,073,803.918	1,050,707.837
9+07.58	37.00' LL	2,073,808.549	1,050,707.844
9+07.59	37.50' LL	2,073,807.052	1,050,707.845
8+28.13	32.89' LL	2,073,802.861	1,050,728.774
9+80.28	33.00' RL	2,073,736.439	1,050,780.487
9+80.00	37.00' LL	2,073,806.242	1,050,780.678
10+06.14	32.63' LL	2,073,801.404	1,050,807.977
10+07.50	53.00' LL	2,073,821.721	1,050,889.893
10+37.01	1.55' RL	2,073,768.057	1,050,887.737
10+38.45	34.56' RL	2,073,733.001	1,050,837.648
10+38.80	38.00' RL	2,073,729.577	1,050,837.640
10+65.33	32.72' LL	2,073,798.800	1,050,866.013



LEGEND

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

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

- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION, BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 2 1/2 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE }
THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 20, TOWNSHIP 45N, RANGE 10E, 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 LAKE COUNTY DIVISION OF TRANSPORTATION, STATE OF ILLINOIS, DATED AT LAKE VILLA, ILLINOIS THIS 22nd DAY OF DECEMBER, 2012 A.D.

Christina H. Jorgensen
PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2012
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

Note: Surface Coordinates are Shown, Project Average Combined Scale Factor 0.999945

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
5+08.14	33.75' RL	2,073,892.912	1,050,318.450
5+85.08	33.79' RL	2,073,708.423	1,050,402.858
5+37.87	33.22' LL	2,073,708.011	1,050,394.850
6+01.59	33.00' LL	2,073,775.391	1,050,398.588
6+15.21	33.00' LL	2,073,777.854	1,050,412.251
6+38.50	33.46' RL	2,073,715.384	1,050,448.075

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 368-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
0011	823820	May 12, 1954
0011	881580	December 10, 1955
0012	277469	April 22, 1928
0012	881602	December 10, 1955
---	277469	April 22, 1928
---	532859	September 2, 1943
---	825930	May 12, 1954
---	881593	December 10, 1955
---	881595	December 10, 1955
---	881604	December 10, 1955

Existing & Proposed Pavement Washington Street Curve #1

P.I. = Sta. 11+18.20
 Δ = 31°04'34"
 Δ = 212.28'
 Δ = 585.07'
 Δ = 1151.07'
 Δ = 30.59'

P.C. = Sta. 5+28.13
 P.T. = Sta. 16+78.20

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
0011.T.E.	Smile Lin Properties, LLC, an Illinois limited liability company	0.502	N/A	N/A	0.502	0.014	Construction Purposes	06-20-408-029	
0012.T.E.	Reymundo Aguayo	0.273	N/A	N/A	0.273	0.013	Construction Purposes	06-20-413-022 08-20-413-025	

STATE OF ILLINOIS }
COUNTY OF LAKE }
I, PAULA J. TRIGO, COUNTY ENGINEER OF LAKE COUNTY, ILLINOIS, DO HEREBY CERTIFY THAT THE PLAT HEREON IS A TRUE AND CORRECT REPRESENTATION OF THE SURVEY MADE UNDER MY DIRECTION OF PART OF COUNTY HIGHWAY 45 IN SAID COUNTY.
DATED THIS 22ND DAY OF DECEMBER, 2012 A.D.

Paula J. Trigo
COUNTY ENGINEER

PLAT OF HIGHWAYS
LAKE COUNTY
DIVISION OF TRANSPORTATION
F.A.U. 0187 (WASHINGTON STREET)

SECTION 05-00121-07-WR LAKE COUNTY
PROJECT RS-9003(764) JOB NO. R-91-008-11
STATION 4+00 TO STATION 11+00
SCALE: 1"=30' SHEET 6 OF 33

LAKE COUNTY DIVISION OF TRANSPORTATION
600 WEST WINCHESTER ROAD
LIBERTYVILLE, ILLINOIS 60048

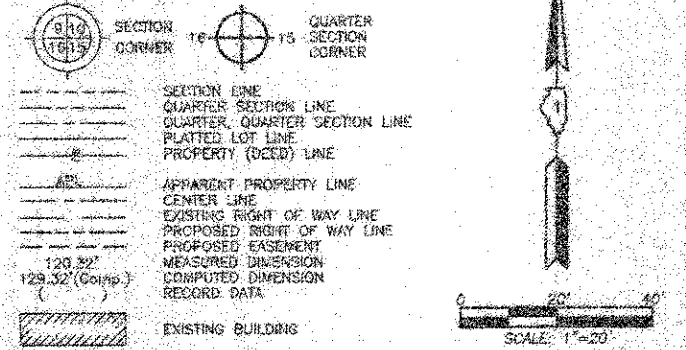
PART OF THE SE 1/4 OF SEC. 20, TWP. 45 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

ROUND LAKE VIEW
Recorded April 22, 1926
as Document No. 277469

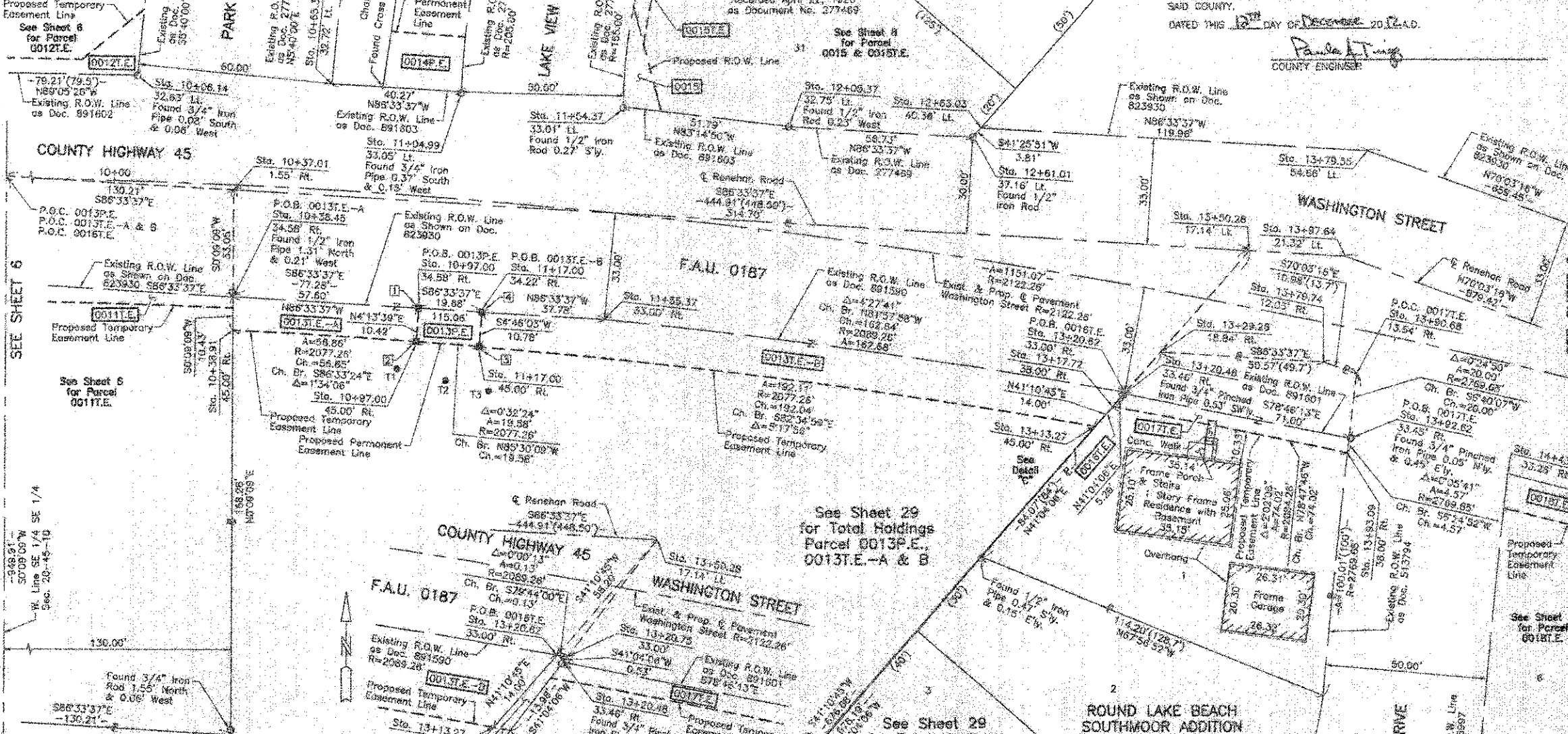
ROUND LAKE VIEW
Recorded April 22, 1926
as Document No. 277469

STATE OF ILLINOIS }
COUNTY OF LAKE }
I, PAULA J. TRING, COUNTY ENGINEER OF LAKE COUNTY, ILLINOIS, DO HEREBY
CERTIFY THAT THE PLAT HEREON IS A TRUE AND CORRECT REPRESENTATION OF
THE SURVEY MADE UNDER MY DIRECTION OF PART OF COUNTY HIGHWAY 45 IN
SAID COUNTY.
DATED THIS 12TH DAY OF DECEMBER, 2012, A.D.

LEGEND



SCALE: 1"=20'



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

IRON PIPE OR ROD FOUND @ "MAG" NAIL SET

CUT CROSS FOUND OR SET @ 5/8" REBAR SET

THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8" 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" 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 DESCRIPTION, DATA AND SURVEYORS REGISTRATION NUMBER.

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

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

RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE }
THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 20, TOWNSHIP 45N, RANGE 10E, 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 LAKE COUNTY DIVISION OF TRANSPORTATION, STATE OF ILLINOIS.
DATED AT LAKE VILLA, ILLINOIS THIS 12TH DAY OF DECEMBER, 2012, A.D.



J. J. JORGENSEN, PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 25-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2012
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
Note: Surface Coordinates are Shown, Project Average Combined Scale Factor 0.999848

STATION	OFFSET	NORTH	EAST
11+04.99	33.05' Lt.	2,073,798.383	1,050,908.216
11+17.00	34.22' Rt.	2,073,720.368	1,050,014.784
11+17.00	45.00' Rt.	2,073,717.821	1,050,013.885
11+54.37	33.01' Lt.	2,073,791.871	1,050,058.162
11+55.37	33.00' Rt.	2,073,728.100	1,050,952.497
12+05.37	32.75' Lt.	2,073,785.781	1,051,009.594
12+81.01	37.18' Lt.	2,073,782.378	1,051,086.220
12+63.03	40.38' Lt.	2,073,795.232	1,051,088.739
13+13.27	45.00' Rt.	2,073,892.830	1,051,104.324
13+13.44	45.00' Rt.	2,073,892.802	1,051,104.484
13+17.72	38.00' Rt.	2,073,898.958	1,051,109.846
13+20.48	53.46' Rt.	2,073,702.945	1,051,113.322
13+20.62	53.00' Rt.	2,073,703.568	1,051,113.542
13+20.75	53.00' Rt.	2,073,703.349	1,051,113.872
13+29.28	18.84' Rt.	2,073,715.761	1,051,124.491
13+50.25	17.14' Lt.	2,073,747.178	1,051,151.884
13+79.55	56.86' Lt.	2,073,778.034	1,051,188.484
13+79.64	21.32' Lt.	2,073,745.381	1,051,181.726
13+79.74	12.03' Rt.	2,073,712.727	1,051,174.988
13+90.68	13.54' Rt.	2,073,708.982	1,051,165.288
13+92.62	33.45' Rt.	2,073,689.117	1,051,162.366
13+93.09	36.00' Rt.	2,073,684.573	1,051,132.455
14+43.73	33.28' Rt.	2,073,675.950	1,051,232.038

Point Number	To point	To Distance (feet)
1	T1	20.65
	T2	23.99
	T3	33.57
2	T1	10.36
	T2	15.17
	T3	27.17
3	T1	26.37
	T2	14.82
	T3	13.89
4	T1	31.73
	T2	24.12
	T3	24.51

Parcel	Document No.	Date Recorded
0013	523930	May 12, 1954
0013	891580	December 10, 1955
0018	991580	December 10, 1955
0017	513794	May 28, 1942
0017	987801	December 10, 1955
---	277469	April 22, 1926
---	566997	July 25, 1930
---	823930	May 12, 1954
---	891602	December 10, 1955
---	891603	December 10, 1955

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
0013P.E. 0013T.E.-A 0013T.E.-B	FB II Creo, LLC, an Illinois limited liability company	2.231	N/A	N/A	2.231	P.E.=0.005 T.E.-A=0.014 T.E.-B=0.053	228 N/A N/A	Drainage Grading Grading	06-29-400-025	
0018T.E.	Smith-Lin Properties, LLC, an Illinois limited liability company	0.010	N/A	N/A	0.010	0.001	2	Grading	06-29-400-530	
0017T.E.	Trevor Roth, as trustee of the Trevor Roth Declaration of Trust dated the 16th day of January, 2007, as to an undivided 1/2 interest, and Laurel Roth, as trustee of the Laurel Roth Declaration of Trust dated the 16th day of January, 2007, as to an undivided 1/2 interest	0.176	N/A	N/A	0.176	0.007	315	Grading	06-29-419-010	

STATION	OFFSET	NORTH	EAST
10+06.14	32.63' Lt.	2,073,801.404	1,050,507.977
10+37.01	1.65' Rt.	2,073,268.057	1,050,837.757
10+38.45	34.58' Rt.	2,073,733.003	1,050,857.849
10+38.91	45.00' Rt.	2,073,722.570	1,050,837.821
10+65.33	32.72' Lt.	2,073,798.800	1,050,868.073
10+97.00	34.58' Rt.	2,073,729.547	1,050,895.141
10+97.00	49.00' Rt.	2,073,719.156	1,050,894.372

JORGENSEN & ASSOCIATES, INC.
122 PARK AVENUE
LAKE VILLA, ILLINOIS 60048
(847) 358-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
LAKE COUNTY
DIVISION OF TRANSPORTATION
F.A.U. 0187 (WASHINGTON STREET)
SECTION 05-00121-07-WR LAKE COUNTY
PROJECT RS-9003(784) JOB NO. R-91-008-11
STATION 10+00 TO STATION 15+00
SCALE: 1"=20' SHEET 7 OF 33

LAKE COUNTY DIVISION OF TRANSPORTATION
600 WEST WINCHESTER ROAD
LIBERTYVILLE, ILLINOIS 60048

PART OF THE SE 1/4 OF SEC. 20, TWP. 45 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

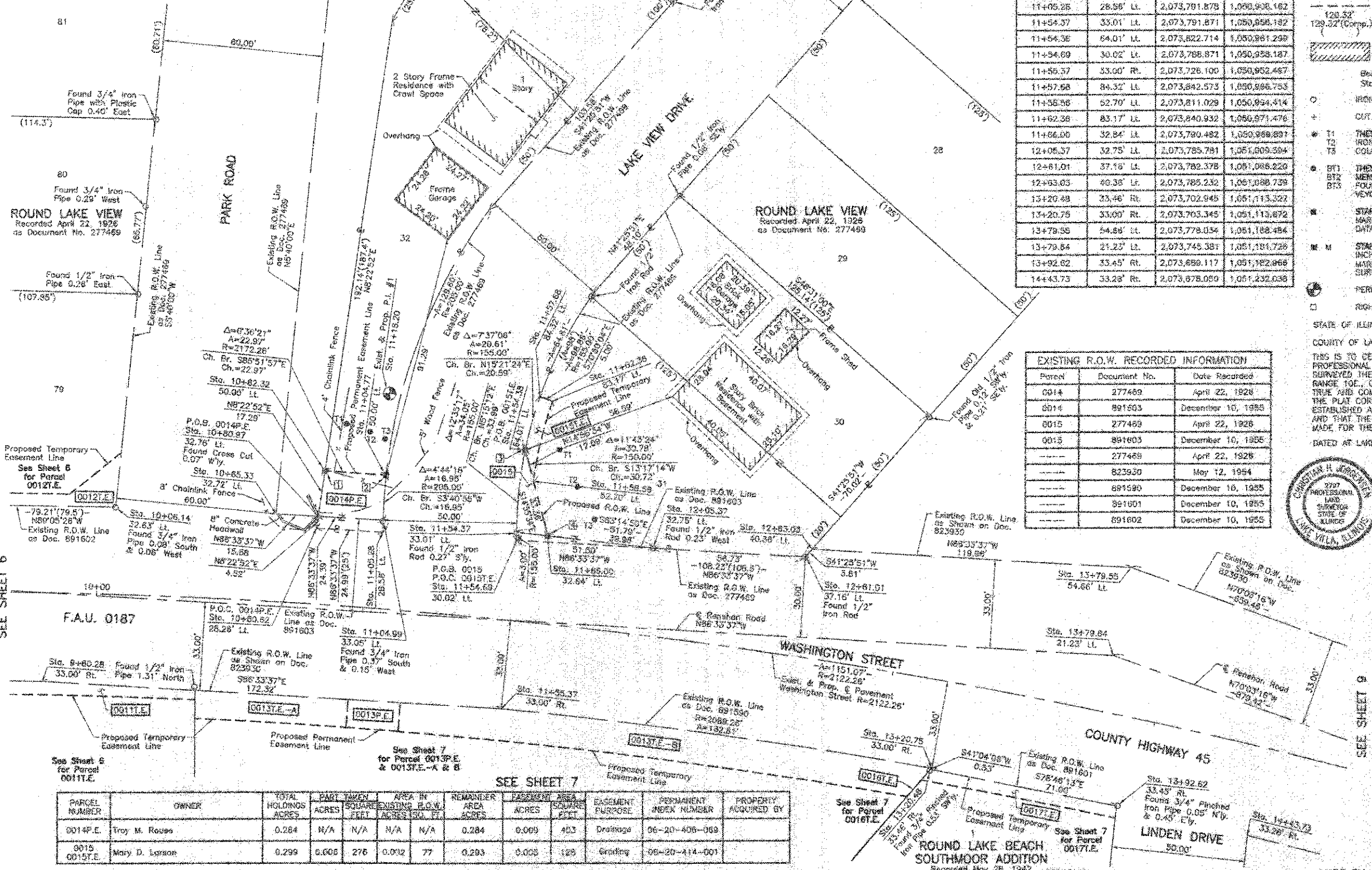
STATE OF ILLINOIS }
 COUNTY OF LAKE } SS
 I, PAULA J. TRIGG, COUNTY ENGINEER OF LAKE COUNTY, ILLINOIS, DO HEREBY
 CERTIFY THAT THE PLAT HEREON IS A TRUE AND CORRECT REPRESENTATION OF
 THE SURVEY MADE UNDER MY DIRECTION OF PART OF COUNTY HIGHWAY 45 IN
 SAID COUNTY.
 DATED THIS 22ND DAY OF DECEMBER, 2012, A.D.

Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	19.27
	T2	22.30
	T3	25.40
2	T1	24.59
	T2	17.31
	T3	13.57
3	T1	12.85
	T2	24.06
	T3	36.69
4	T1	32.61
	T2	21.44
	T3	16.50

Existing & Proposed
 & Pavement
 Washington Street
 Curve #1

P.I. = Sta. 11+18.20
 Δ = 31°04'34"
 Δ = 2122.26'
 Δ = 590.07'
 Δ = 1131.67'
 Δ = 69.38'
 P.O.C. = Sta. 5+28.13
 P.T. = Sta. 16+79.20



COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
11+04.77	50.00' Lt.	2,073,815.295	1,050,009.304
11+04.99	33.05' Lt.	2,073,796.385	1,050,905.210
11+05.25	28.56' Lt.	2,073,791.878	1,050,908.162
11+54.37	33.01' Lt.	2,073,791.871	1,050,858.182
11+54.36	64.01' Lt.	2,073,822.714	1,050,861.298
11+54.69	30.02' Lt.	2,073,768.871	1,050,858.187
11+55.37	33.00' Rt.	2,073,726.100	1,050,852.467
11+55.68	84.32' Lt.	2,073,842.573	1,050,806.753
11+55.66	52.70' Lt.	2,073,811.029	1,050,934.474
11+62.36	83.17' Lt.	2,073,840.932	1,050,871.476
11+66.06	32.84' Lt.	2,073,780.482	1,050,888.897
12+05.37	32.75' Lt.	2,073,785.781	1,051,009.304
12+61.01	37.16' Lt.	2,073,782.378	1,051,068.220
12+63.05	40.38' Lt.	2,073,785.232	1,051,088.739
13+20.48	23.46' Rt.	2,073,702.945	1,051,113.322
13+20.75	33.00' Rt.	2,073,703.345	1,051,113.672
13+79.55	54.66' Lt.	2,073,778.034	1,051,168.484
13+79.84	21.23' Lt.	2,073,745.381	1,051,184.728
13+92.62	33.45' Rt.	2,073,689.117	1,051,182.868
14+43.73	33.28' Rt.	2,073,678.050	1,051,232.038

LEGEND

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

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

○ HIGH PIPE OR ROD FOUND ⊙ "MAG" NAIL SET

+ CUT GROSS FOUND OR SET ● 5/8" REBAR SET

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

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

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

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

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

□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

SCALE: 1"=20'

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
0014	277489	April 22, 1928
0014	891603	December 10, 1955
0015	277489	April 22, 1928
0015	891603	December 10, 1955
---	277489	April 22, 1928
---	823930	May 12, 1954
---	891590	December 10, 1955
---	891601	December 10, 1955
---	891602	December 10, 1955



STATE OF ILLINOIS }
 COUNTY OF LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 20, TOWNSHIP 45N., RANGE 10E., 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 REPRODUCE THE SURVEY TO BE REPRODUCED MADE FOR THE LAKE COUNTY DIVISION OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 22ND DAY OF DECEMBER, 2012, A.D.

Christian H. Jorgensen, PRESIDENT
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2012

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

Note: Surface Coordinates are Shown, Project Average Combined Scale Factor 0.999945

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
9+80.28	33.00' Rt.	2,073,736.439	1,050,760.457
10+05.14	32.83' Lt.	2,073,801.404	1,050,807.977
10+85.33	32.72' Lt.	2,073,788.800	1,050,868.013
10+80.02	28.28' Lt.	2,073,793.378	1,050,863.213
10+80.97	22.76' Lt.	2,073,797.846	1,050,883.872
10+82.32	50.00' Lt.	2,073,814.953	1,050,856.392

JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60048
 (847) 366-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
 LAKE COUNTY
 DIVISION OF TRANSPORTATION
 F.A.U. 0187 (WASHINGTON STREET)
 SECTION 05-00121-07-WR LAKE COUNTY
 PROJECT RS-0003(784) JOB NO. R-91-008-11
 STATION 9+00 TO STATION 15+00
 SCALE: 1"=20' SHEET 8 OF 33

LAKE COUNTY DIVISION OF TRANSPORTATION
 600 WEST WINCHESTER ROAD
 LIBERTYVILLE, ILLINOIS 60048

SEE SHEET 7

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	SQUARE FEET	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	PASSENGER AREA ACRES	SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
0014P.E.	Troy M. Rouss	0.284	N/A	N/A	N/A	0.284	0.009	403	Drainage	06-20-406-069	
0015 0015T.E.	Mary D. Loraon	0.299	0.005	276	0.002	77	0.293	0.005	128	Grading	06-20-414-001

SEE SHEET 6

REVISION DATE December 11, 2012

STATE OF ILLINOIS }
 COUNTY OF LAKE }
 I, PAULA J. TRIGG, COUNTY ENGINEER OF LAKE COUNTY, ILLINOIS, DO HEREBY CERTIFY THAT THE PLAT HEREON IS A TRUE AND CORRECT REPRESENTATION OF THE SURVEY MADE UNDER MY DIRECTION OF PART OF COUNTY HIGHWAY 45 IN SAID COUNTY.
 DATED THIS 15th DAY OF December, 2012, A.D.

Parcel	Document No.	Date Recorded
0018	356997	July 25, 1930
0018	891600	December 10, 1955
0019	61154	*February 7, 1955
0020	891587	December 10, 1955
0021	356997	July 25, 1930
0021	891591	December 10, 1955
---	356997	July 25, 1930
---	513794	May 28, 1942
---	823930	May 12, 1954
---	991601	December 10, 1955

STATION	OFFSET	NORTH	EAST
15+03.10	33.11' RL	2,073,663.694	1,051,286.668
15+42.72	50.00' RL	2,073,636.911	1,051,321.497
15+43.12	44.00' RL	2,073,642.069	1,051,323.557
15+43.85	33.05' RL	2,073,652.867	1,051,327.314
15+44.14	28.76' RL	2,073,656.507	1,051,328.787
15+83.75	50.00' RL	2,073,625.322	1,051,359.846
15+84.56	33.02' RL	2,073,641.289	1,051,365.698
15+86.65	30.92' RL	2,073,643.262	1,051,366.388
16+24.66	53.00' RL	2,073,610.186	1,051,396.902
16+24.74	50.00' RL	2,073,613.005	1,051,397.930
16+25.21	33.02' RL	2,073,628.980	1,051,403.748
16+25.23	32.32' RL	2,073,629.517	1,051,403.988
16+66.85	33.06' RL	2,073,615.878	1,051,441.555
16+79.20	53.00' RL	2,073,592.888	1,051,447.123
16+80.56	33.00' RL	2,073,611.028	1,051,455.218
17+11.06	33.00' RL	2,073,600.621	1,051,483.896
17+12.92	53.00' RL	2,073,581.184	1,051,478.623
17+81.25	33.00' RL	2,073,583.499	1,051,531.072

LEGEND

SECTION CORNER 16- SECTION CORNER 15

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

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

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois State Plane Coordinate System NAD 83(2011) East Zone.

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

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

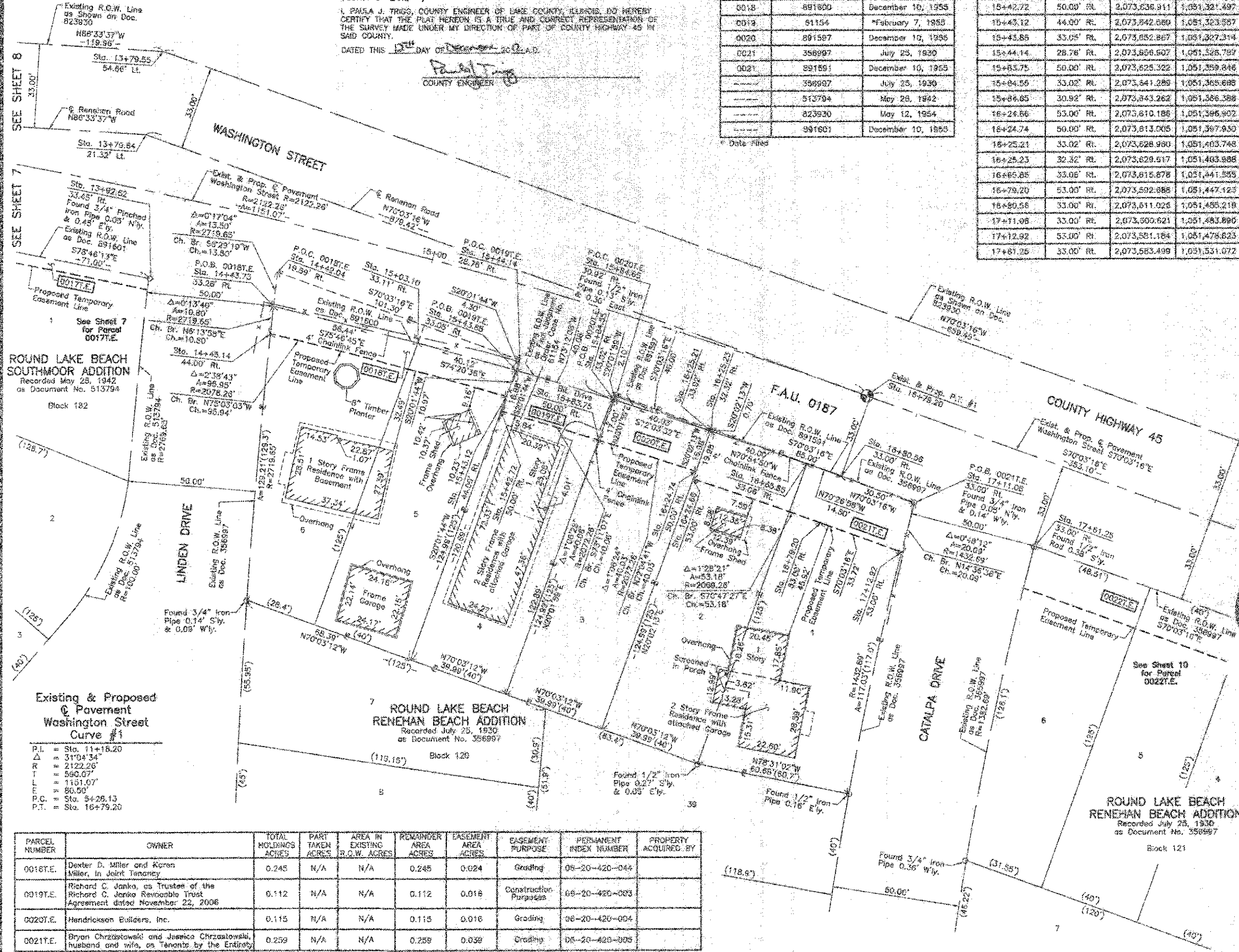
⊕ BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION, BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 ⊕ BT2
 ⊕ BT3

⊕ S 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 STD 2135 (TO BE SET BY OTHERS)

⊕ RIGHT OF WAY STAKING PROPOSED TO BE SET.



ROUND LAKE BEACH SOUTHMOOR ADDITION
 Recorded May 28, 1942
 as Document No. 513794
 Block 182

ROUND LAKE BEACH RENEHAN BEACH ADDITION
 Recorded July 25, 1930
 as Document No. 356997
 Block 120

ROUND LAKE BEACH RENEHAN BEACH ADDITION
 Recorded July 25, 1930
 as Document No. 356997
 Block 121

Existing & Proposed Pavement Washington Street Curve #1

P.I. = Sta. 11+18.20
 Δ = 31°04'34"
 R = 2122.26'
 T = 590.07'
 L = 1151.07'
 P.C. = Sta. 9+28.13
 P.T. = Sta. 16+79.20

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
0018T.E.	Dexter D. Miller and Karen Miller, in Joint Tenancy	0.245	N/A	N/A	0.245	0.024	Grading	05-20-420-044	
0019T.E.	Richard C. Janko, as Trustee of the Richard C. Janko Revocable Trust Agreement dated November 22, 2006	0.112	N/A	N/A	0.112	0.016	Construction Purposes	08-20-420-083	
0020T.E.	Hendrickson Builders, Inc.	0.115	N/A	N/A	0.115	0.016	Grading	06-20-420-004	
0021T.E.	Bryan Chrzastowski and Jessica Chrzastowski, husband and wife, as Tenants by the Entirety	0.259	N/A	N/A	0.259	0.039	Grading	05-20-420-005	

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
13+79.55	54.86' Lt.	2,073,778.034	1,051,188.484
13+79.64	21.32' Lt.	2,073,745.381	1,051,181.728
13+82.62	33.45' RL	2,073,639.117	1,051,182.668
14+42.94	19.89' RL	2,073,691.464	1,051,233.563
14+43.73	33.28' RL	2,073,678.050	1,051,232.039
14+45.14	44.00' RL	2,073,667.309	1,051,230.864

JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60148
 (847) 256-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS LAKE COUNTY DIVISION OF TRANSPORTATION
 F.A.U. 0187 (WASHINGTON STREET)
 SECTION 05-00121-07-WR LAKE COUNTY
 PROJECT RS-0003(764) JOB NO. R-91-008-11
 STATION 13+00 TO STATION 18+00
 SCALE: 1"=20' SHEET 8 OF 33

LAKE COUNTY DIVISION OF TRANSPORTATION
 600 WEST WINCHESTER ROAD
 LIBERTYVILLE, ILLINOIS 60048

REVISION DATE December 11, 2012

REVISION County Engineer Certificate

MADE BY

STATE OF ILLINOIS }
 COUNTY OF LAKE }
 I, PAULA J. TRIGG, COUNTY ENGINEER OF LAKE COUNTY, ILLINOIS, DO HEREBY CERTIFY THAT THE PLAT HEREON IS A TRUE AND CORRECT REPRESENTATION OF THE SURVEY MADE UNDER MY DIRECTION OF PART OF COUNTY HIGHWAY 45 IN SAID COUNTY.
 DATED THIS 12TH DAY OF DECEMBER, 2012, A.D.
 Paula J. Trigg
 COUNTY ENGINEER

Parcel	Document No.	Date Recorded
0022	356997	July 25, 1930
0023	356997	July 25, 1930
0024	356997	July 25, 1930
0025	356997	July 25, 1930
---	356997	July 25, 1930
---	891590	December 10, 1965
---	823930	May 12, 1954

STATION	OFFSET	NORTH	EAST
18+47.76	50.00' RL	2,073,538.008	1,051,898.580
18+89.76	33.00' RL	2,073,539.651	1,051,851.873
18+89.78	43.00' RL	2,073,530.282	1,051,848.458
19+29.75	52.00' RL	2,073,508.188	1,051,869.985
19+29.76	33.00' RL	2,073,526.016	1,051,889.474
19+89.75	46.00' RL	2,073,500.153	1,051,722.634
19+89.78	50.00' RL	2,073,494.514	1,051,720.584
20+14.00	33.00' RL	2,073,497.258	1,051,768.736
20+14.35	46.00' RL	2,073,484.946	1,051,764.937
20+32.30	33.00' RL	2,073,553.078	1,051,808.379
20+63.83	33.12' RL	2,073,480.194	1,051,815.742
21+12.88	40.00' RL	2,073,457.483	1,051,800.238
21+13.00	33.80' RL	2,073,463.289	1,051,862.390
21+52.48	40.00' RL	2,073,444.748	1,051,898.118
21+52.61	34.78' RL	2,073,449.654	1,051,899.900

LEGEND

- SECTION CORNER 16
- SECTION CORNER 15
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APR APPARENT PROPERTY LINE
- CENTER LINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois State Plane Coordinate System NAD 83(2011) East Zone.

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

T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8" IRON ROD 18" WITH GROUND TO BE FOUND FROM STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 T2
 T3

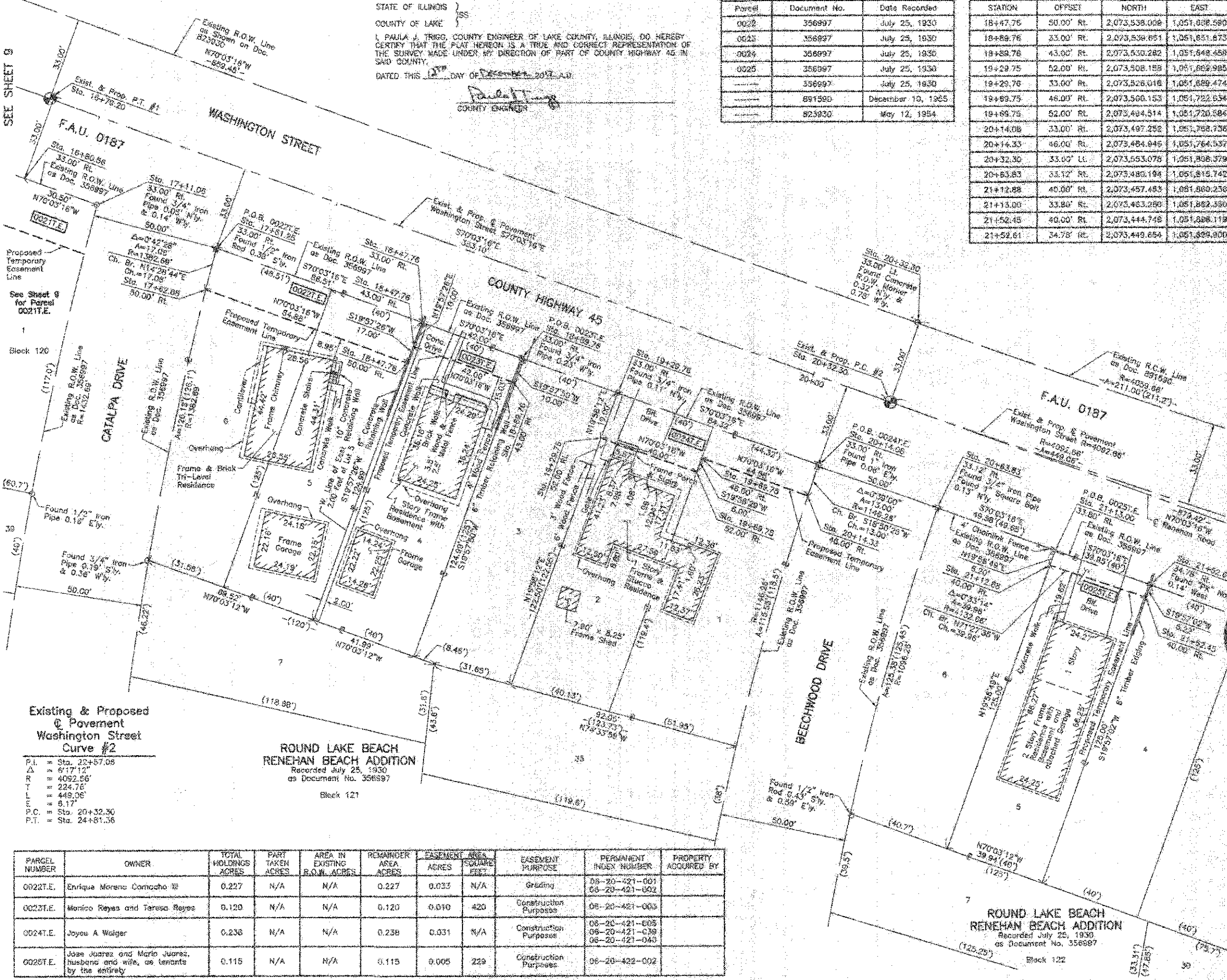
B1 THESE STAKES IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION, BURIED 5/8" IRON ROD 25" INCHES BELOW GROUND TO BE FOUND FROM STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 B2
 B3

S 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" IRON ROD 25" INCHES BELOW GROUND TO BE FOUND FROM STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

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

RIGHT OF WAY STAKING PROPOSED TO BE SET.



Existing & Proposed Pavement Washington Street Curve #2

P.I. = Sta. 22+57.05
 Δ = 617'12"
 R = 4092.85'
 T = 224.78'
 L = 449.06'
 E = 8.17'
 P.C. = Sta. 20+32.30
 P.T. = Sta. 24+81.36

ROUND LAKE BEACH RENEHAN BEACH ADDITION
 Recorded July 25, 1930
 as Document No. 356997
 Block 121

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			
0022T.E.	Enrique Moreno Cortacha III	0.227	N/A	N/A	0.227	0.033	N/A	Grading	06-20-421-001 06-20-421-002	
0023T.E.	Monico Reyes and Teresa Reyes	0.120	N/A	N/A	0.120	0.010	420	Construction Purposes	06-20-421-003	
0024T.E.	Joyou A Walger	0.236	N/A	N/A	0.236	0.031	N/A	Construction Purposes	06-20-421-005 06-20-421-039 06-20-421-040	
0025T.E.	Jose Juarez and Maria Juarez, husband and wife, as tenants by the entirety	0.115	N/A	N/A	0.115	0.005	229	Construction Purposes	06-20-422-002	

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
18+50.56	33.00' RL	2,073,511.026	1,051,455.219
17+11.06	33.00' RL	2,073,600.621	1,051,483.850
17+81.25	33.00' RL	2,073,503.499	1,051,531.072
17+62.88	50.00' RL	2,073,568.984	1,051,526.902
18+47.76	33.00' RL	2,073,553.988	1,051,612.593
18+47.78	43.00' RL	2,073,544.589	1,051,608.979

JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 359-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS LAKE COUNTY DIVISION OF TRANSPORTATION
 F.A.U. 0187 (WASHINGTON STREET)
 SECTION 05-00121-07-WR LAKE COUNTY
 PROJECT RS-9003(764) JOB NO. R-91-008-11
 STATION 16+00 TO STATION 22+00
 SCALE: 1"=20' SHEET 10 OF 33

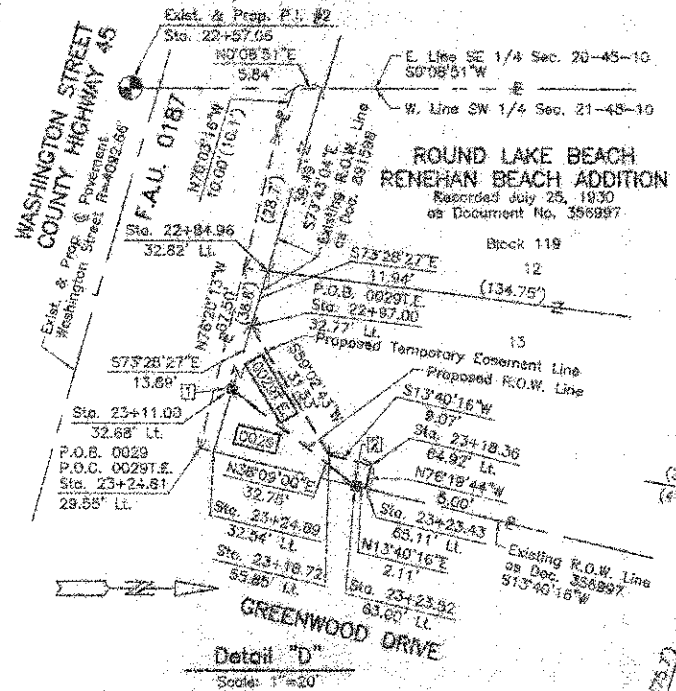
LAKE COUNTY DIVISION OF TRANSPORTATION
 600 WEST WINCHESTER ROAD
 LIBERTYVILLE, ILLINOIS 60048

REVISION DATE December 11, 2012

REVISION County Engineer Certificate

MADE BY

PART OF THE SE 1/4 OF SEC. 20 AND PART OF THE SW 1/4 OF SEC. 21, TWP. 45 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.



Existing & Proposed
Pavement
Washington Street
Curve #2

P.I. = Sta. 22+57.00
P.T. = Sta. 24+81.36

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES (S.D. FT.)	REMAINDER AREA ACRES	EASEMENT ACRES	SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
00261.E	Alpine Country Club, which acquires title as the Alpine Gun Club	23.834	N/A	N/A	N/A	23.834	0.007	285	05-20-400-005	
00271.E	Church of Jesus Christ of the Apostolic Faith, Incorporated, an Illinois not-for-profit religious corporation	0.229	N/A	N/A	0.229	0.012	N/A	Driveway Construction	06-20-422-004	
00281.E	Abel Rongel and Elena Rongel, husband and wife, in Joint Tenancy	0.145	N/A	N/A	0.145	0.009	369	Grading	05-20-422-003	
00291.E	Alpine Country Club, an Illinois Corporation	0.386	0.013	0.009	376	0.273	0.005	217	Construction Purposes	08-21-332-001 06-21-302-002

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
22+41.00	38.37' RL	2,073,419.287	1,051,983.800
22+41.00	48.00' LL	2,073,409.899	1,051,980.990
22+45.01	33.00' LL	2,073,486.296	1,052,009.803
22+45.16	32.54' LL	2,073,485.802	1,052,008.502
22+45.86	26.98' LL	2,073,479.982	1,052,008.466
22+56.83	6.17' RL	2,073,445.396	1,052,008.306
22+56.83	39.22' RL	2,073,413.748	1,051,998.844
22+56.91	28.41' LL	2,073,476.549	1,052,017.891
22+70.81	48.00' RL	2,073,403.190	1,052,010.426
22+71.25	38.44' RL	2,073,410.336	1,052,013.005
22+84.96	32.82' LL	2,073,474.726	1,052,048.410
22+87.00	32.77' LL	2,073,471.334	1,052,057.896
23+14.00	32.68' LL	2,073,467.353	1,052,071.170
23+15.56	48.00' RL	2,073,390.489	1,052,053.978
23+15.71	36.38' RL	2,073,389.899	1,052,066.855

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
23+18.36	64.92' LL	2,073,486.367	1,052,097.038
23+18.72	55.96' LL	2,073,487.561	1,052,094.894
23+23.43	65.11' LL	2,073,493.186	1,052,091.987
23+23.52	63.90' LL	2,073,493.134	1,052,091.398
23+24.69	32.54' LL	2,073,483.519	1,052,084.794
23+24.81	29.65' LL	2,073,460.604	1,052,063.485
23+24.56	32.58' LL	2,073,455.461	1,052,113.109
23+51.23	34.24' RL	2,073,384.087	1,052,120.897
23+55.28	32.52' LL	2,073,444.843	1,052,151.719

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
0026	891590	December 10, 1955
0027	356897	July 25, 1930
0028	356897	July 25, 1930
0029	356897	July 25, 1930
0028	891598	December 10, 1955
---	356997	July 25, 1930
---	891594	December 10, 1955

LEGEND

SECTION CORNER 15 SECTION CORNER 16

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

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

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois State Plane Coordinate System NAD 83(2011) East Zone.

IRON PIPE OR ROD FOUND "MAG" NAIL SET

CUT CROSS FOUND OR SET 5/8" REDBAR SET

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

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

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

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

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

RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS)
COUNTY OF LAKE)

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 20, TOWNSHIP 45N, RANGE 10E AND SECTION 21, TOWNSHIP 45N, RANGE 10E, OF THE THIRD PRINCIPAL MERIDIAN. WE CERTIFY THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF OUR 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 LAKE COUNTY DIVISION OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 27th DAY OF December 2012 A.D.

Christian R. Jorgensen
PRESIDENT
1997 PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2012
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
Note: Surface Coordinates are Shown. Project Average Combined Scale Factor: 0.999845

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
21+87.00	33.00' LL	2,073,503.460	1,081,953.582
21+87.00	41.00' LL	2,073,511.087	1,081,958.025
21+91.73	48.00' RL	2,073,424.880	1,081,933.403
21+92.18	36.15' RL	2,073,456.027	1,081,937.480
22+23.00	33.00' LL	2,073,492.715	1,081,987.634
22+23.00	41.00' LL	2,073,500.354	1,081,990.010

Schedule of Ties		
Point Number	Tie to point	Tie Distance (feet)
1	11	22.82
	12	24.95
	13	33.26
2	11	39.08
	12	30.67
	13	21.74

PLAT OF HIGHWAYS
LAKE COUNTY
DIVISION OF TRANSPORTATION
F.A.U. 0187 (WASHINGTON STREET)

SECTION 05-00121-07-WR LAKE COUNTY
PROJECT RS-9003(764) JOB NO. R-91-008-11
STATION 21+00 TO STATION 24+00
SCALE: 1"=20' SHEET 11 OF 32

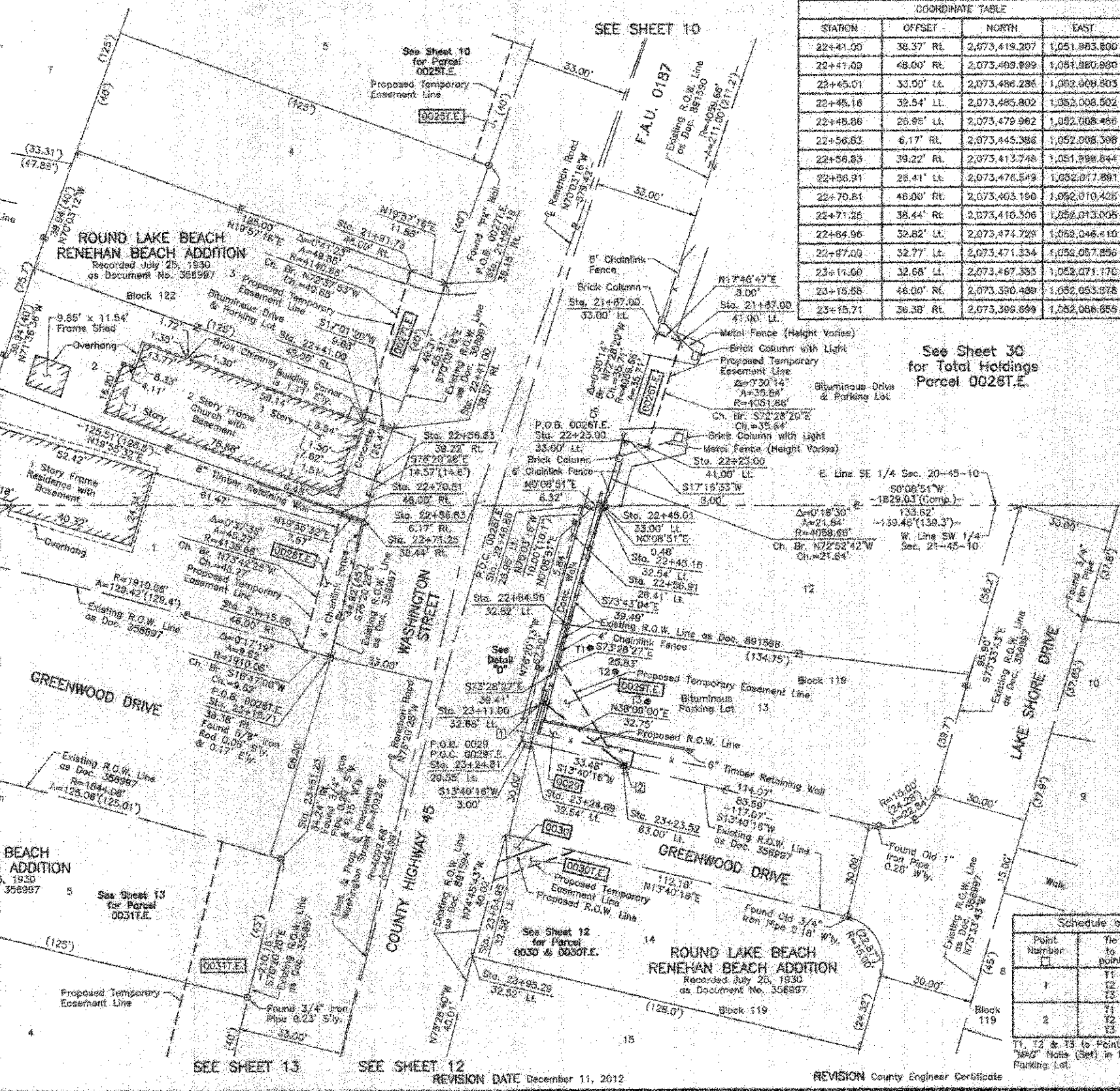
LAKE COUNTY DIVISION OF TRANSPORTATION
600 WEST WINCHESTER ROAD
LIBERTYVILLE, ILLINOIS 60048

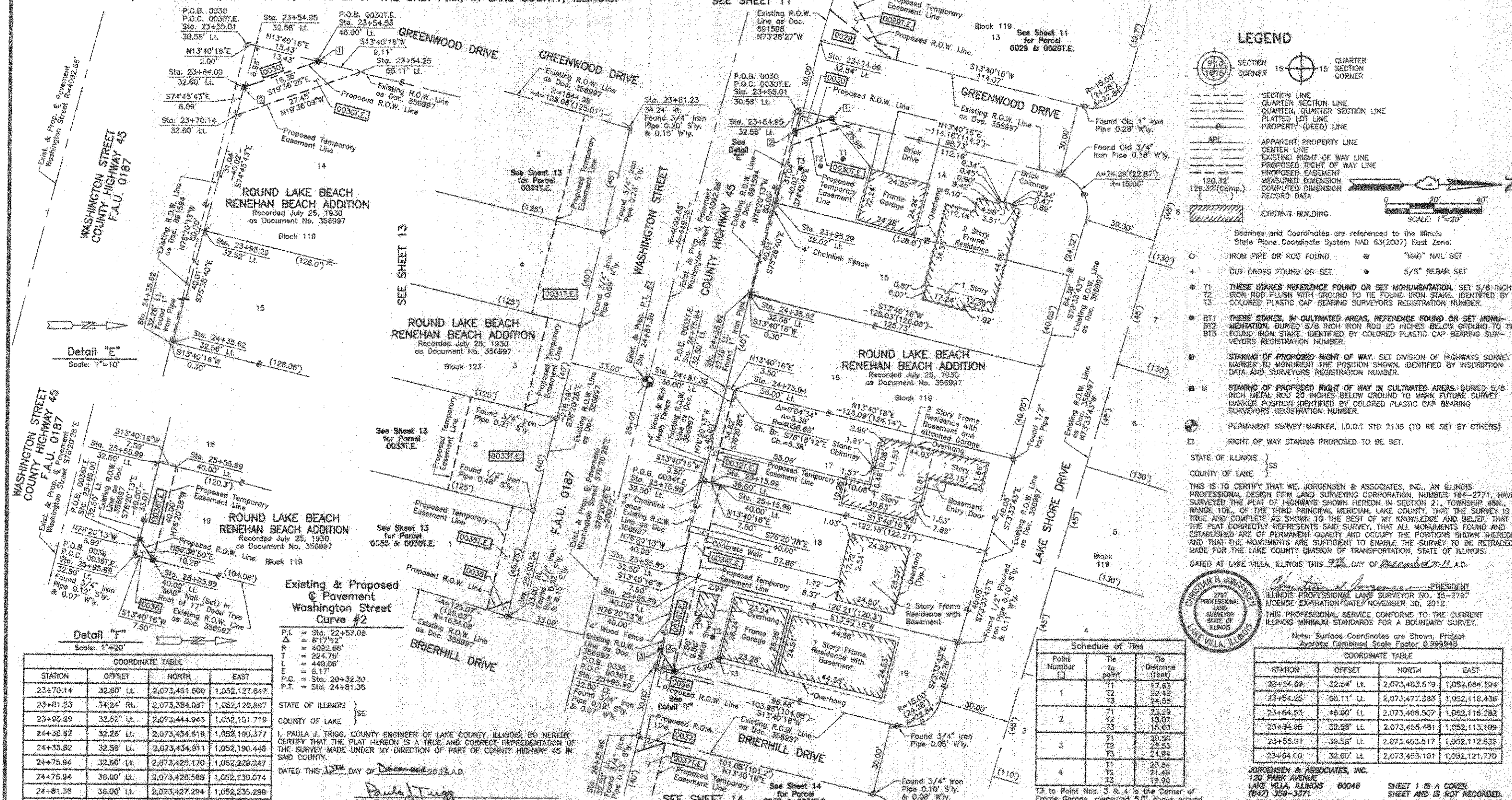
STATE OF ILLINOIS)
COUNTY OF LAKE)

I, PAULA J. TRIGO, COUNTY ENGINEER OF LAKE COUNTY, ILLINOIS, DO HEREBY CERTIFY THAT THE PLAT HEREON IS A TRUE AND CORRECT REPRESENTATION OF THE SURVEY MADE UNDER MY DIRECTION OF PART OF COUNTY HIGHWAY 45 IN SAID COUNTY.

DATED THIS 27th DAY OF December 2012 A.D.

Paula J. Trigo
COUNTY ENGINEER





LEGEND

SECTION CORNER 15 QUARTER SECTION CORNER

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

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

EXISTING BUILDING

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

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

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

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

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

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

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

□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREIN IN SECTION 21, TOWNSHIP 45N., RANGE 10E., 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 LAKE COUNTY DIVISION OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 9TH DAY OF December, 2012 A.D.

Christian H. Jorgensen
PRESIDENT
2707 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS
LAKE VILLA, ILLINOIS

Detail "C"
Scale: 1"=10'

Detail "F"
Scale: 1"=20'

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
23+70.14	32.60' Lt.	2,073,461.590	1,052,127.647
23+81.23	34.24' Rt.	2,073,384.087	1,052,120.897
23+95.29	32.52' Lt.	2,073,444.943	1,052,151.719
24+35.82	32.26' Lt.	2,073,434.819	1,052,199.377
24+35.82	32.58' Lt.	2,073,434.911	1,052,190.446
24+75.94	32.50' Lt.	2,073,429.170	1,052,226.247
24+75.94	36.00' Lt.	2,073,428.583	1,052,239.074
24+81.38	36.00' Lt.	2,073,427.294	1,052,235.299
25+15.99	32.50' Lt.	2,073,415.721	1,052,268.113
25+15.99	36.00' Lt.	2,073,419.118	1,052,268.844
25+15.99	40.00' Lt.	2,073,423.095	1,052,269.868
25+55.89	32.50' Lt.	2,073,406.272	1,052,306.968
25+55.89	40.00' Lt.	2,073,413.558	1,052,308.760
25+59.00	32.50' Lt.	2,073,399.475	1,052,339.068
25+99.58	33.05' Rt.	2,073,394.460	1,052,325.118
25+99.99	32.50' Lt.	2,073,398.823	1,052,345.858
25+99.98	40.00' Lt.	2,073,404.112	1,052,347.831
26+25.99	32.50' Lt.	2,073,389.737	1,052,375.009

Existing & Proposed Pavement Washington Street Curve #2

P.L. = Sta. 22+57.08
Δ = 6°17'12"
R = 4022.86'
T = 224.79'
L = 449.06'
E = 6.17'
P.C. = Sta. 20+32.30
P.T. = Sta. 24+81.30

STATE OF ILLINOIS }
COUNTY OF LAKE } SS

I, PAULA J. TRIGO, COUNTY ENGINEER OF LAKE COUNTY, ILLINOIS, DO HEREBY CERTIFY THAT THE PLAT HEREON IS A TRUE AND CORRECT REPRESENTATION OF THE SURVEY MADE UNDER MY DIRECTION OF PART OF COUNTY HIGHWAY 45 IN SAID COUNTY.

DATED THIS 12TH DAY OF December, 2012 A.D.

Paula J. Trigo
COUNTY ENGINEER

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
0030	891594	December 10, 1995
0030	356897	July 25, 1930
0032	356897	July 25, 1930
0034	356897	July 25, 1930
0036	356897	July 25, 1930
---	891596	December 10, 1995
---	356897	July 25, 1930

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PARCEL ACRES	AREA TAKEN SQUARE FEET	AREA IN EXISTING R.O.W. ACRES (SQ. FT.)	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
0030 00301.E	David E. Arroyo and Rebecca Cessal	0.234	0.003	142	0.002	82	0.231	0.003	110	Grading	06-21-303-001
00221.E	Chicago Title Land Trust Company, as successor to River Forest State Bank and Trust Company, as trustee under Trust Agreement dated the 13th day of December, 1994, known as Trust Number 4004	0.113	N/A	N/A	N/A	N/A	0.113	0.003	140	Grading	06-21-303-003
00341.E	Olga M. Francis	0.111	N/A	N/A	N/A	N/A	0.111	0.007	300	Grading	06-21-303-004
0036 00361.E	Rafael P. Aguilar	0.109	0.001	26	N/A	N/A	0.108	0.008	274	Grading	06-21-303-005

Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	17.83
	T2	20.83
	T3	24.85
2	T1	23.29
	T2	18.07
	T3	15.60
3	T1	20.50
	T2	22.53
	T3	24.84
4	T1	23.06
	T2	21.48
	T3	19.93

T3 to Point Nos. 3 & 4 is the Corner of Frame Garage, measured 5.0' above ground.

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
23+24.89	32.64' Lt.	2,073,463.519	1,052,084.194
23+54.05	58.11' Lt.	2,073,477.383	1,052,118.436
23+54.93	46.00' Lt.	2,073,408.507	1,052,116.282
23+54.95	38.58' Lt.	2,073,425.481	1,052,113.109
23+65.01	39.55' Lt.	2,073,453.517	1,052,112.835
23+64.00	32.60' Lt.	2,073,453.101	1,052,121.770

JORGENSEN & ASSOCIATES, INC.
720 PARK AVENUE
LAKE VILLA, ILLINOIS 60048
(847) 359-3271

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS LAKE COUNTY DIVISION OF TRANSPORTATION

F.A.U. 0187 (WASHINGTON STREET)

SECTION 05-00121-07-WR LAKE COUNTY
PROJECT RS-0003(784) JOB NO. R-91-008-11
STATION 23+00 TO STATION 27+00
SCALE: 1"=20' SHEET 12 OF 33

LAKE COUNTY DIVISION OF TRANSPORTATION
600 WEST WINCHESTER ROAD
LIBERTYVILLE, ILLINOIS 60048

REVISION DATE December 11, 2012

REVISION County Engineer Certificate

MADE BY

PART OF THE SW 1/4 OF SEC. 21, TWP. 45 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

STATE OF ILLINOIS }
 COUNTY OF LAKE }
 I, PAULA J. TRIGG, COUNTY ENGINEER OF LAKE COUNTY, ILLINOIS, DO HEREBY
 CERTIFY THAT THE PLAT HEREON IS A TRUE AND CORRECT REPRESENTATION OF
 THE SURVEY MADE UNDER MY DIRECTION OF PART OF COUNTY HIGHWAY 45 IN
 SAID COUNTY.
 DATED THIS 12th DAY OF December 2012 A.D.

LEGEND

SECTION CORNER
 QUARTER SECTION CORNER

SECTION LINE
 QUARTER SECTION LINE
 EXISTING RIGHT OF WAY LINE
 PLATTED LOT LINE
 PROPERTY (DEED) LINE

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

EXISTING BUILDING

BEARINGS AND COORDINATES ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM MAD 83(2007) EAST ZONE.

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

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

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

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

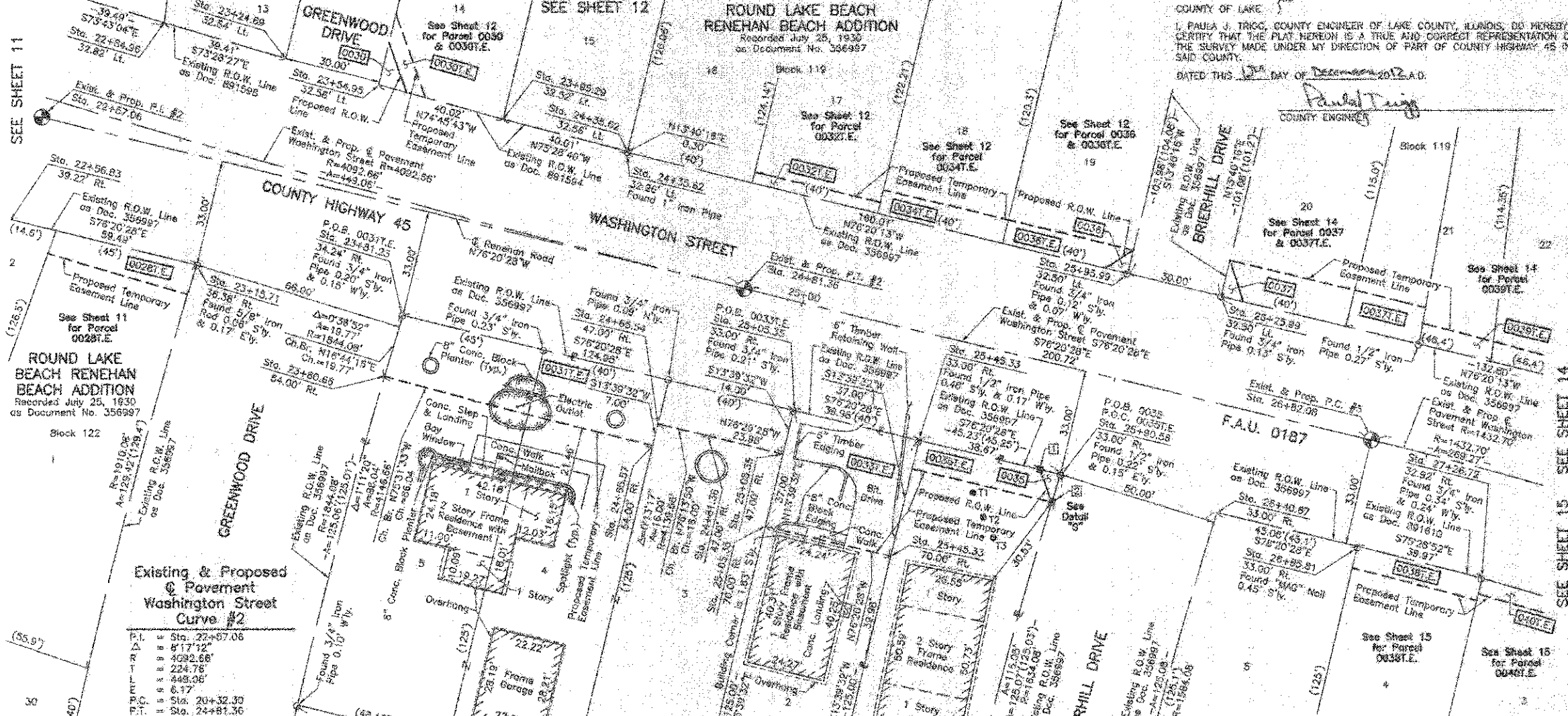
○ STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8" IRON METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

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

○ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
 COUNTY OF LAKE }

SCALE: 1"=20'



COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
23+85.29	32.52' Lt.	2,073,444.943	1,052,151.719
24+35.52	32.26' Lt.	2,073,434.619	1,052,100.377
24+35.62	32.56' Lt.	2,073,434.911	1,052,180.443
24+85.54	47.00' Rt.	2,073,350.459	1,052,200.180
24+85.57	54.00' Rt.	2,073,343.848	1,052,196.507
24+81.36	47.00' Rt.	2,073,346.842	1,052,215.700
25+09.35	33.00' Rt.	2,073,354.582	1,052,242.311
25+05.35	47.90' Rt.	2,073,340.978	1,052,239.005
25+05.35	70.00' Rt.	2,073,318.928	1,052,233.574
25+45.33	33.00' Rt.	2,073,346.140	1,052,281.183
23+45.33	42.00' Rt.	2,073,336.395	1,052,278.938
25+45.33	70.00' Rt.	2,073,308.187	1,052,272.426
25+84.00	33.00' Rt.	2,073,336.009	1,052,318.740
25+90.01	42.00' Rt.	2,073,325.844	1,052,322.435
25+90.56	33.00' Rt.	2,073,334.460	1,052,325.115
25+95.99	32.90' Lt.	2,073,396.823	1,052,345.856
26+25.99	32.80' Lt.	2,073,368.737	1,052,375.009
26+40.67	33.00' Rt.	2,073,322.626	1,052,373.804
26+85.81	33.00' Rt.	2,073,311.988	1,052,417.588
27+26.72	32.92' Rt.	2,073,301.867	1,052,456.282

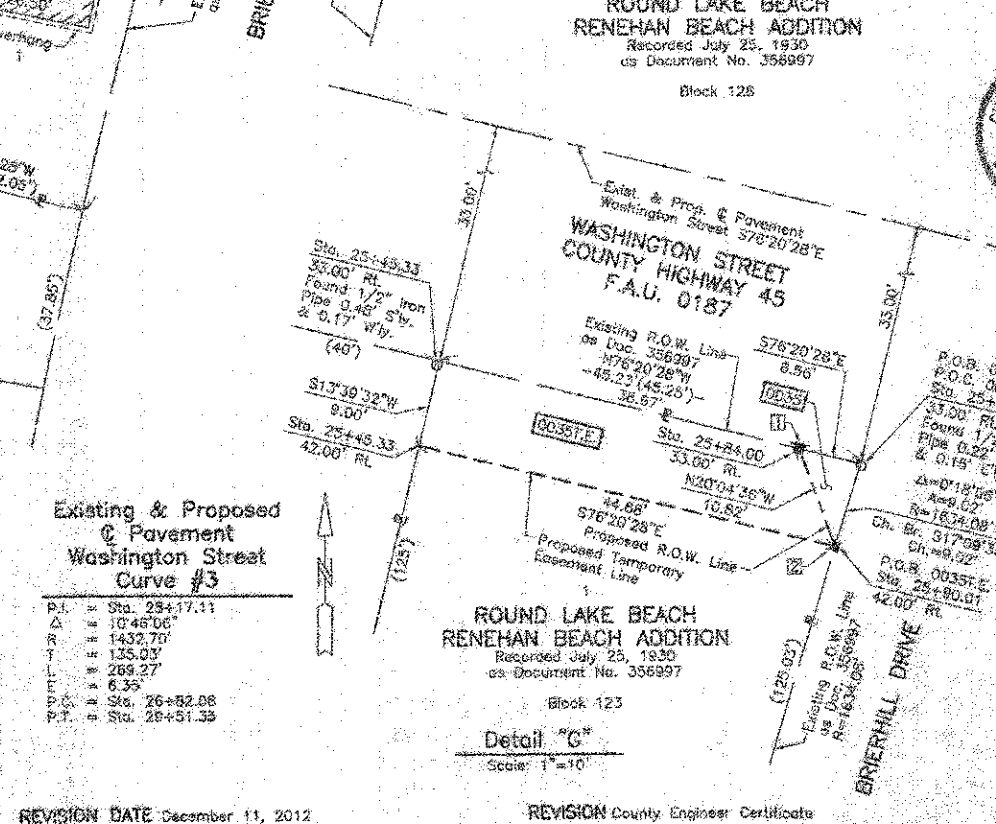
EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
0031	358997	July 25, 1930
0033	358997	July 25, 1930
0035	358997	July 25, 1930
---	358997	July 25, 1930
---	891594	December 10, 1955
---	891598	December 10, 1955
---	891610	December 10, 1955

Schedule of Ties

Point Number	To point	The Distance (feet)
1	T1	21.38
	T2	22.91
	T3	25.58
2	T1	24.08
	T2	21.74
	T3	21.21

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	SOURCE	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
00317.E	Barbara J. Liu, a widow	0.368	N/A	N/A	N/A	0.365	0.003	N/A	Grading	06-21-310-001 05-21-310-002	
00337.E	Luz Herrard	0.115	N/A	N/A	N/A	0.115	0.634	N/A	Construction Purpose	06-21-310-003	
0035 00357.E	John W. Weber	0.123	0.001	25	N/A	0.122	0.009	375	Grading	06-21-310-004	



THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM, LAND SURVEYING CORPORATION, NUMBER 104-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 21, TOWNSHIP 45N., RANGE 10E. OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, ILLINOIS, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON; AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE REPEATED MADE FOR THE LAKE COUNTY DIVISION OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 12th DAY OF December 2012 A.D.

JORGENSEN & ASSOCIATES, INC.
 PRESIDENT
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2012
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
 Note: Surface Coordinates are Shown, Project Average Combined Scale Factor 0.999948

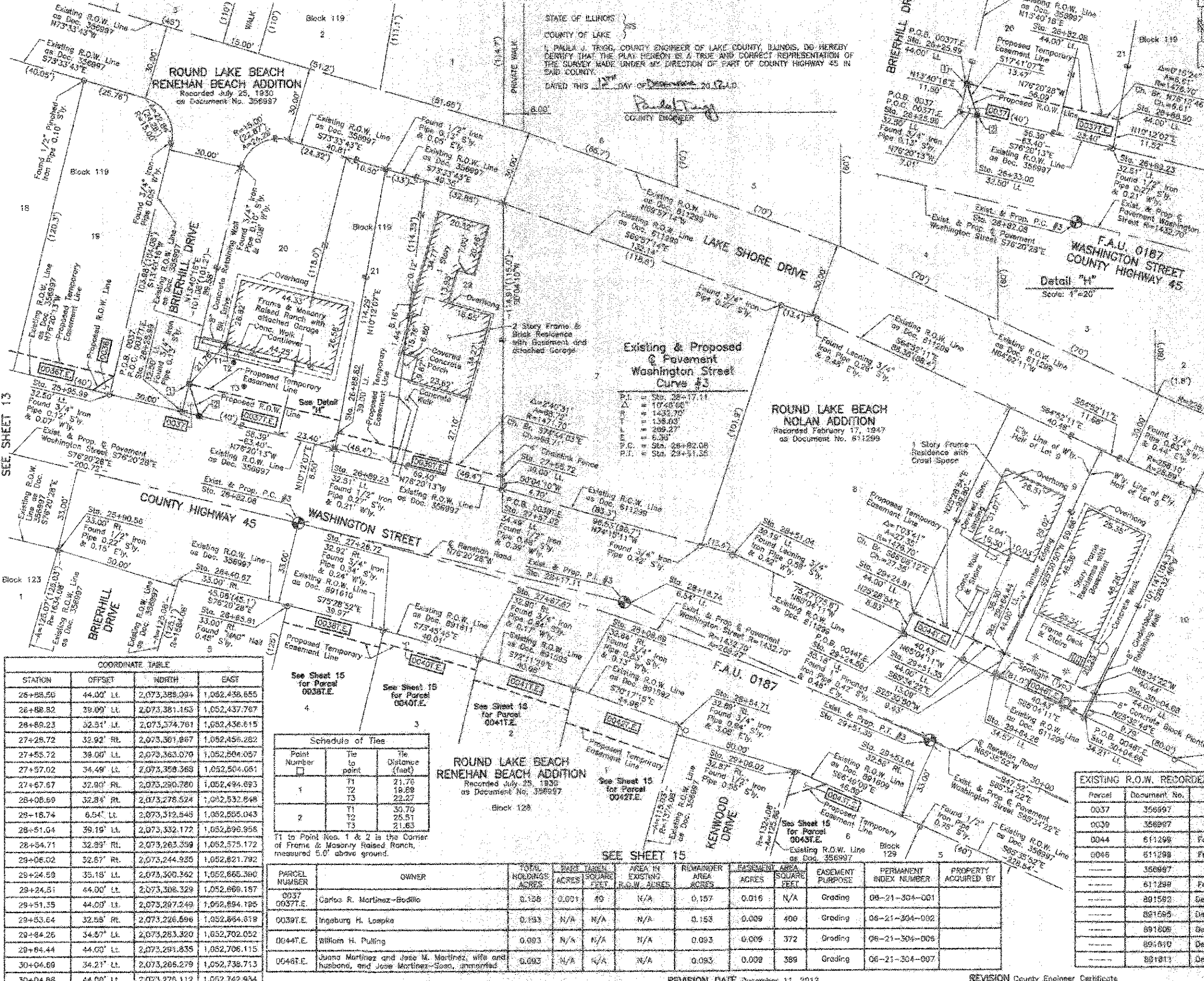
STATE OF ILLINOIS }
 COUNTY OF LAKE }

PLAT OF HIGHWAYS
 LAKE COUNTY
 DIVISION OF TRANSPORTATION
 F.A.U. 0187 (WASHINGTON STREET)
 SECTION 05-00121-07-WR LAKE COUNTY
 PROJECT RS-0003764) JOB NO. R-91-008-11
 STATION 22+00 TO STATION 28+00
 SCALE: 1"=20' SHEET 13 OF 33

LAKE COUNTY DIVISION OF TRANSPORTATION
 600 WEST WINCHESTER ROAD
 LIBERTYVILLE, ILLINOIS 60048

REVISION DATE December 11, 2012
 REVISION County Engineer Certificate
 MADE BY

STATE OF ILLINOIS }
 COUNTY OF LAKE }
 I, PAULA J. TRIGG, COUNTY ENGINEER OF LAKE COUNTY, ILLINOIS, DO HEREBY
 CERTIFY THAT THE PLAN HEREON IS A TRUE AND CORRECT REPRESENTATION OF
 THE SURVEY MADE UNDER MY DIRECTION OF PART OF COUNTY HIGHWAY 45 IN
 SAID COUNTY.
 DATED THIS 12TH DAY OF DECEMBER 2012 A.D.



LEGEND

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

Bearings and Coordinates are referenced to the Illinois State Plane Coordinate System NAD 83(2011) East Zone.

○ IRON PIPE OR ROD FOUND
 + CUT CROSS FOUND OR SET
 * THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
 * BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
 * STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYOR'S REGISTRATION NUMBER.
 * STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYOR'S REGISTRATION NUMBER.
 □ PERMANENT SURVEY MARKER, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
 □ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
 COUNTY OF LAKE }

THIS IS TO CERTIFY THAT WE, JOHNSON & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PART OF HIGHWAY 45 SHOWN HEREON IN SECTION 21, TOWNSHIP 45N., RANGE 10E., 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 HEREBY 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 LAKE COUNTY DIVISION OF TRANSPORTATION, STATE OF ILLINOIS.
 DATED AT LAKE VILLA, ILLINOIS THIS 9TH DAY OF DECEMBER 2012 A.D.

CHRISTOPHER A. JOHNSON
 2707 PROFESSIONAL LAND SURVEYOR NO. 35-2787
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2012
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
 Meter Surface Coordinates are Shown, Project
 Arizona Combined Scale Factor 0.999846

SEE SHEET 13

SEE SHEET 16

STATION	OFFSET	NORTH	EAST
26+88.50	44.00' Lt.	2,073,389.094	1,052,436.655
26+88.82	39.09' Lt.	2,073,381.163	1,052,437.797
26+89.23	32.51' Lt.	2,073,374.761	1,052,436.615
27+25.72	32.92' Rt.	2,073,361.867	1,052,456.282
27+55.72	39.00' Lt.	2,073,363.070	1,052,604.057
27+57.02	34.49' Lt.	2,073,358.368	1,052,504.051
27+67.67	32.89' Rt.	2,073,290.780	1,052,494.893
28+08.60	32.84' Rt.	2,073,278.524	1,052,532.648
28+18.74	6.54' Lt.	2,073,312.545	1,052,595.043
28+51.04	39.19' Lt.	2,073,332.172	1,052,696.956
28+84.71	32.89' Rt.	2,073,263.359	1,052,575.172
29+06.02	32.87' Rt.	2,073,244.935	1,052,621.792
29+24.59	35.18' Lt.	2,073,300.362	1,052,665.390
29+24.51	44.00' Lt.	2,073,308.329	1,052,666.157
29+51.35	44.00' Lt.	2,073,297.249	1,052,664.195
29+53.64	32.58' Rt.	2,073,226.596	1,052,664.619
29+84.26	34.37' Lt.	2,073,253.320	1,052,702.052
29+84.44	44.00' Lt.	2,073,291.835	1,052,706.115
30+04.69	34.21' Lt.	2,073,286.279	1,052,738.713
30+04.88	44.00' Lt.	2,073,276.112	1,052,742.934

Point Number	Tie to point	Tie Distance (feet)
1	T1	21.76
	T2	18.88
	T3	22.27
2	T1	30.70
	T2	25.51
	T3	21.63

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	SQUARE FEET	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
00377.E	Carlos R. Martinez-Bodillo	0.128	0.001	40	N/A	0.127	0.016	N/A	08-21-304-001	Grading
00397.E	Ingeburg H. Loepke	0.193	N/A	N/A	N/A	0.193	0.009	400	06-21-304-002	Grading
00447.E	William H. Pulling	0.093	N/A	N/A	N/A	0.093	0.009	372	06-21-304-006	Grading
00463.E	Juana Martinez and Jose M. Martinez, wife and husband, and Jose Martinez-Sosa, unmarried	0.093	N/A	N/A	N/A	0.093	0.009	389	06-21-304-007	Grading

Parcel	Document No.	Date Recorded
0037	356997	July 25, 1930
0039	356997	July 25, 1930
0044	611298	February 17, 1947
0046	611298	February 17, 1947
---	356997	July 25, 1930
---	611298	February 17, 1947
---	801592	December 10, 1955
---	801585	December 10, 1955
---	891808	December 10, 1955
---	891810	December 10, 1955
---	891811	December 10, 1955

STATION	OFFSET	NORTH	EAST
26+90.56	33.00' Rt.	2,073,374.480	1,052,325.115
26+95.99	32.50' Lt.	2,073,396.823	1,052,345.858
26+25.99	32.50' Lt.	2,073,389.737	1,052,375.009
26+25.98	44.00' Lt.	2,073,400.915	1,052,377.728
26+33.00	32.50' Lt.	2,073,388.081	1,052,381.890
26+40.67	33.00' Rt.	2,073,322.628	1,052,373.604
26+52.00	44.00' Lt.	2,073,387.676	1,052,432.258
26+65.81	33.00' Rt.	2,073,311.988	1,052,417.589

JOHNSON & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (647) 358-5371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS

LAKE COUNTY

DIVISION OF TRANSPORTATION

F.A.U. 0187 (WASHINGTON STREET)
 SECTION 05-00121-07-WR LAKE COUNTY
 PROJECT RS-0003(764) JOB NO. R-91-008-11
 STATION 25+00 TO STATION 31+00
 SCALE: 1"=20' SHEET 14 OF 33

LAKE COUNTY DIVISION OF TRANSPORTATION
 600 WEST WINCHESTER ROAD
 LIBERTYVILLE, ILLINOIS 60048

PART OF THE SW 1/4 OF SEC. 21, TWP. 45 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

**ROUND LAKE BEACH
RENEHAN BEACH ADDITION**
Recorded July 25, 1930
as Document No. 358997

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
00387.E	Federal Home Mortgage Corporation, by assignment	0.115	N/A	N/A	0.115	0.008	278	Construction Purposes	06-21-311-002	
00407.E	Juan M. Cardenas and Maria G. Cardenas, by joint tenancy	0.115	N/A	N/A	0.115	0.005	200	Construction Purposes	06-21-311-003	
00417.E	Jesus Gonzalez	0.115	N/A	N/A	0.115	0.008	362	Construction Purposes	06-21-311-004	
00427.E	Kelly M. Vazquez	0.114	N/A	N/A	0.114	0.014	N/A	Construction Purposes	08-21-311-005	
00437.E	Erin Rosado	0.130	N/A	N/A	0.130	0.002	69	Grading	06-21-312-001	

LEGEND

SECTION CORNER 16 SECTION CORNER 15

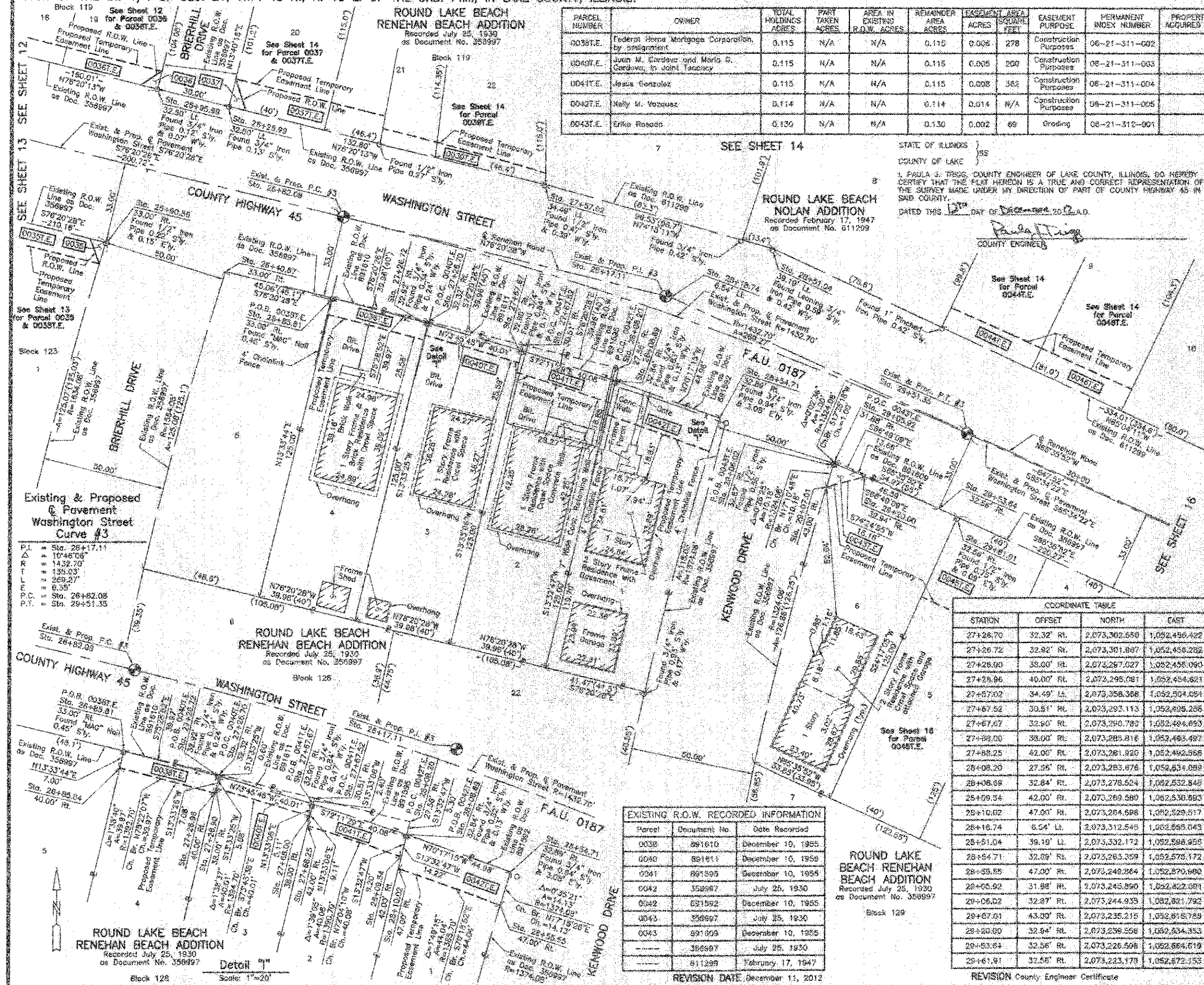
SECTION LINE
QUARTER SECTION LINE
QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE

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

EXISTING BUILDING

Scale: 1"=20'

STATE OF ILLINOIS }
COUNTY OF LAKE }
I, PAULA J. TRIGG, COUNTY ENGINEER OF LAKE COUNTY, ILLINOIS, DO HEREBY CERTIFY THAT THE PLAT HEREON IS A TRUE AND CORRECT REPRESENTATION OF THE SURVEY MADE UNDER MY DIRECTION OF PART OF COUNTY HIGHWAY 45 IN SAID COUNTY.
DATED THIS 17th DAY OF December 2012 A.D.



**Existing & Proposed
Washington Street
Curve #3**

P.I.	= Sta. 28+17.11
Δ	= 10°46'06"
R	= 1432.70'
L	= 135.03'
E	= 269.27'
Δ	= 6.35'
P.C.	= Sta. 26+82.08
P.T.	= Sta. 29+51.35

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
0038	291810	December 10, 1955
0040	881811	December 10, 1955
0041	891595	December 10, 1955
0042	352987	July 25, 1930
0042	651592	December 10, 1955
0043	358997	July 25, 1930
0043	891809	December 10, 1955
---	358997	July 25, 1930
---	811299	February 17, 1947

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
27+26.70	32.32' RL	2,073,302.650	1,052,456.422
27+26.72	32.82' RL	2,073,301.867	1,052,456.282
27+26.90	38.00' RL	2,073,297.027	1,052,456.090
27+29.86	40.00' RL	2,073,295.081	1,052,454.621
27+57.02	34.49' LL	2,073,356.368	1,052,504.684
27+67.52	30.81' RL	2,073,293.113	1,052,495.266
27+67.67	32.90' RL	2,073,290.783	1,052,494.693
27+68.00	38.00' RL	2,073,285.816	1,052,485.487
27+88.25	42.00' RL	2,073,281.920	1,052,492.556
28+08.20	27.86' RL	2,073,283.676	1,052,534.898
28+08.69	32.84' RL	2,073,278.524	1,052,532.848
28+09.56	42.00' RL	2,073,289.580	1,052,530.693
28+10.02	47.00' RL	2,073,284.598	1,052,528.517
28+18.74	6.54' LL	2,073,312.545	1,052,565.043
28+51.04	39.19' LL	2,073,332.172	1,052,588.955
28+54.71	32.89' RL	2,073,283.359	1,052,575.172
28+55.85	47.00' RL	2,073,248.864	1,052,570.680
28+65.92	31.98' RL	2,073,245.890	1,052,522.091
28+66.02	32.87' RL	2,073,244.933	1,052,521.792
28+87.91	43.20' RL	2,073,235.215	1,052,615.759
28+80.80	32.94' RL	2,073,236.598	1,052,534.353
28+53.64	32.56' RL	2,073,226.596	1,052,664.619
28+61.91	32.55' RL	2,073,223.179	1,052,672.153

CHRISTIAN R. JORGENSEN
2787 PROFESSIONAL LAND SURVEYOR
LAKE VILLA, ILLINOIS

Christian R. Jorgensen PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2787
LICENSE EXPIRATION DATE: NOVEMBER 30, 2012
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
Note: Surface Coordinates are Shown. Project Average Combined Scale Factor: 0.999946

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
25+40.66	33.09' RL	2,073,334.460	1,052,325.115
25+45.99	32.50' LL	2,073,296.823	1,052,345.858
25+25.99	32.50' LL	2,073,386.737	1,052,375.009
26+40.87	33.00' RL	2,073,322.628	1,052,373.854
26+45.81	33.00' RL	2,073,311.988	1,052,417.538
26+45.84	40.00' RL	2,073,305.178	1,052,415.946

**PLAT OF HIGHWAYS
LAKE COUNTY
DIVISION OF TRANSPORTATION**
F.A.U. 0187 (WASHINGTON STREET)
SECTION 05-00121-07-WR LAKE COUNTY
PROJECT RS-9003(784) JOB NO. R-91-008-11
STATION 25+00 TO STATION 30+00
SCALE: 1"=20' SHEET 15 OF 32

LAKE COUNTY DIVISION OF TRANSPORTATION
600 WEST WINCHESTER ROAD
LIBERTYVILLE, ILLINOIS 60048

PART OF THE SW 1/4 OF SEC. 21, TWP. 45 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

Parcel	Document No.	Date Recorded
0045	356997	July 25, 1930
0047	356997	July 25, 1930
0048	356997	July 25, 1930
---	356997	July 25, 1930
---	811298	February 17, 1947
---	891582	December 10, 1955
---	891609	December 10, 1955



LEGEND

SECTION CORNER 18 15 QUARTER SECTION CORNER

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

APL APPARENT PROPERTY LINE
CL CENTER LINE
EXL EXISTING RIGHT OF WAY LINE
PWL PROPOSED RIGHT OF WAY LINE
PEL PROPOSED EASEMENT
MDL MEASURED DIMENSION
RD RECORD DATA

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois State Plane Coordinate System NAD 83(2011) East Zone.

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

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

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

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

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

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

RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS)
COUNTY OF LAKE)
THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 124-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 21, TOWNSHIP 45N, RANGE 10E, 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 LAKE COUNTY DIVISION OF TRANSPORTATION, STATE OF ILLINOIS, DATED AT LAKE VILLA, ILLINOIS THIS 12th DAY OF December 2012 A.D.

Christine H. Jorgensen PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2012
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
Note: Surface Coordinates are Shown, Project Average Combined Scale Factor 0.999848

Existing & Proposed @ Pavement Washington Street Curve #3

P.I. = Sta. 28+17.11
Δ = 107'46"08"
R = 1432.70'
L = 139.03'
T = 269.27'
E = 6.35'
P.C. = Sta. 28+82.08
P.T. = Sta. 28+51.35

STATE OF ILLINOIS)
COUNTY OF LAKE)
I, PAUL J. TRIGG, COUNTY ENGINEER OF LAKE COUNTY, ILLINOIS, DO HEREBY CERTIFY THAT THE PLAT HEREON IS A TRUE AND CORRECT REPRESENTATION OF THE SURVEY MADE UNDER MY DIRECTION OF PART OF COUNTY HIGHWAY 45 IN SAID COUNTY.
DATED THIS 12th DAY OF December 2012 A.D.
Paul J. Trigg
COUNTY ENGINEER

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
0045T.E.	Joyce L. DeCola	0.229	N/A	N/A	0.229	0.065	N/A	Construction Purposes	06-21-312-018	
0047P.E. 0047T.E.	Mary E. Oatbode	0.115	N/A	N/A	0.115	P.E.=0.008 T.E.=0.008	339 360	Drainage Construction Purposes	06-21-312-004	
0048P.E.	Jorge R. Diaz	0.115	N/A	N/A	0.115	0.008	340	Drainage	06-21-312-005	

T3 to Point Nos. 1 & 2 R.O. "MAG" Nail (Set) in Bituminous Drive.
T1 to Point Nos. 3 & 4 R.O. "MAG" Nail (Set) in Bituminous Drive.

Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	41.65
	T2	28.59
	T3	42.25
2	T1	33.48
	T2	22.16
	T3	37.75
3	T1	21.04
	T2	14.17
	T3	21.27
4	T1	27.68
	T2	22.66
	T3	28.39

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
28+06.00	32.84' RL	2,073,276.504	1,052,532.848
28+19.74	9.54' LL	2,073,312.545	1,052,583.043
28+31.64	39.19' LL	2,073,332.172	1,052,588.958
28+54.71	32.88' RL	2,073,253.359	1,052,575.172
29+06.02	32.87' RL	2,073,244.985	1,052,621.792
29+53.64	32.96' RL	2,073,226.590	1,052,584.619
29+61.91	32.86' RL	2,073,223.179	1,052,672.153
30+41.87	32.32' RL	2,073,190.870	1,052,657.575
30+41.88	41.00' RE	2,073,162.420	1,052,741.471
30+41.89	50.00' RE	2,073,174.222	1,052,737.767
30+41.91	68.00' RL	2,073,157.829	1,052,739.330
30+61.85	32.50' RL	2,073,173.625	1,052,781.376
30+61.85	41.00' RL	2,073,165.388	1,052,777.867
30+61.88	50.00' RL	2,073,157.694	1,052,774.147
31+21.83	32.49' RL	2,073,157.109	1,052,817.787
31+21.83	41.00' RL	2,073,148.356	1,052,814.262
31+82.18	32.46' RL	2,073,132.176	1,052,872.746
31+82.37	32.85' LL	2,073,191.382	1,052,889.841
32+101.10	32.86' LL	2,073,183.646	1,052,916.583
32+33.52	32.44' RL	2,073,116.885	1,052,919.800
32+54.66	32.88' LL	2,073,151.588	1,052,953.692

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
28+06.00	32.84' RL	2,073,276.504	1,052,532.848
28+19.74	9.54' LL	2,073,312.545	1,052,583.043
28+31.64	39.19' LL	2,073,332.172	1,052,588.958
28+54.71	32.88' RL	2,073,253.359	1,052,575.172
29+06.02	32.87' RL	2,073,244.985	1,052,621.792
29+53.64	32.96' RL	2,073,226.590	1,052,584.619
29+61.91	32.86' RL	2,073,223.179	1,052,672.153

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS
(847) 355-3371 80046 SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

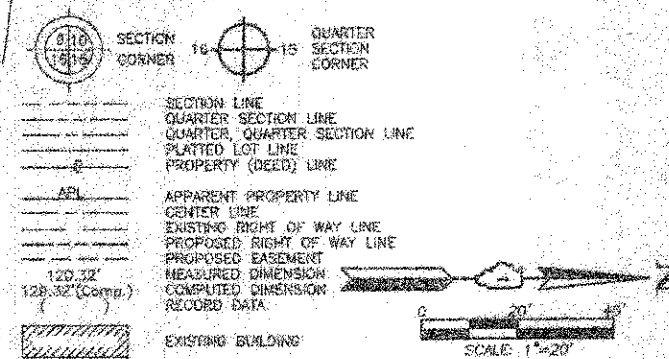
PLAT OF HIGHWAYS LAKE COUNTY
DIVISION OF TRANSPORTATION
F.A.U. 0187 (WASHINGTON STREET)
SECTION 05-00121-07-WR LAKE COUNTY
PROJECT RS-9003(764) JOB NO. R-91-008-11
STATION 28+00 TO STATION 33+00
SCALE: 1"=20' SHEET 18 OF 33

LAKE COUNTY DIVISION OF TRANSPORTATION
600 WEST WINCHESTER ROAD
LIBERTYVILLE, ILLINOIS 60048

Parcel	Document No.	Date Recorded
0049	356997	July 25, 1930
0049	611298	February 17, 1947
0050	356997	July 25, 1930
0051	356997	July 25, 1930
---	356997	July 25, 1930
---	611298	February 17, 1947

**ROUND LAKE BEACH
FIRST ANNEXATION TO
RENEHAN BEACH ADDITION**
Recorded December 5, 1930
as Document No. 362898

LEGEND



- Bearings and Coordinates are referenced to the Illinois State Plane Coordinate System NAD 83(2007) East Zone.
- IRON PIPE OR ROD FOUND
 - ⊕ "MAG" NAIL SET
 - ⊕ CUT CROSS FOUND OR SET
 - ⊕ 5/8" REBAR SET
 - T1, T2, T3 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - B11, B12, B13 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION, BEARING 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - ⊕ STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 - ⊕ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BEARING 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STD 2135 (TO BE SET BY OTHERS)
 - ⊕ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE }
THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 21, TOWNSHIP 45N, RANGE 10E, 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 LAKE COUNTY DIVISION OF TRANSPORTATION, STATE OF ILLINOIS, DATED AT LAKE VILLA, ILLINOIS THIS 12th DAY OF December, 2012 A.D.



Christopher H. Jorgensen PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 36-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2012
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

Note: Surface Coordinates are Shown, Project Average Computed Scale Factor 0.999948

STATION	OFFSET	NORTH	EAST
31+32.87	40.00' LT.	2,073,218.127	1,052,859.724
31+34.57	33.07' RL.	2,073,211.615	1,052,856.543
31+32.18	32.46' RL.	2,073,132.176	1,052,872.746
31+32.57	32.65' LT.	2,073,191.382	1,052,896.841
31+33.17	32.65' LT.	2,073,190.324	1,052,898.670
32+01.10	32.68' LT.	2,073,183.846	1,052,916.855

Point Number	Tie to point	Tie Distance (feet)
1	T1 T2 T3	26.51 24.87 31.84
2	T1 T2 T3	33.08 25.25 24.70
3	T1 T2 T3	11.85 15.35 24.00
4	T1 T2 T3	26.84 15.83 0.39

T1, T2 & T3 to Point Nos. 1 & 2 are "MAG" Nails (Set) in Bituminous Parking Lot.

STATION	OFFSET	NORTH	EAST
32+03.82	40.00' LT.	2,073,169.200	1,052,922.414
32+32.19	38.00' RL.	2,073,100.460	1,052,918.889
32+35.52	32.44' RL.	2,073,110.968	1,052,918.500
32+54.58	32.68' LT.	2,073,181.508	1,052,905.692
32+63.54	53.00' LT.	2,073,176.342	1,052,982.180
32+58.22	58.67' LT.	2,073,180.396	1,052,986.945
32+74.34	32.69' LT.	2,073,153.383	1,052,985.600
32+70.04	32.68' LT.	2,073,151.030	1,052,988.766
33+08.51	38.00' RL.	2,073,074.888	1,052,985.477
33+08.52	32.40' RL.	2,073,079.982	1,052,987.785

JORGENSEN & ASSOCIATES, INC.
130 PARK AVENUE
LAKE VILLA, ILLINOIS 60048
(637) 325-3371

**PLAT OF HIGHWAYS
LAKE COUNTY
DIVISION OF TRANSPORTATION**
F.A.U. 0187 (WASHINGTON STREET)
SECTION 05-00121-07-WR LAKE COUNTY
PROJECT RS-9003(764) JOB NO. R-21-005-11
STATION 31+00 TO STATION 34+00
SCALE: 1"=20' SHEET 17 OF 33

LAKE COUNTY DIVISION OF TRANSPORTATION
600 WEST WINCHESTER ROAD
LIBERTYVILLE, ILLINOIS 60048

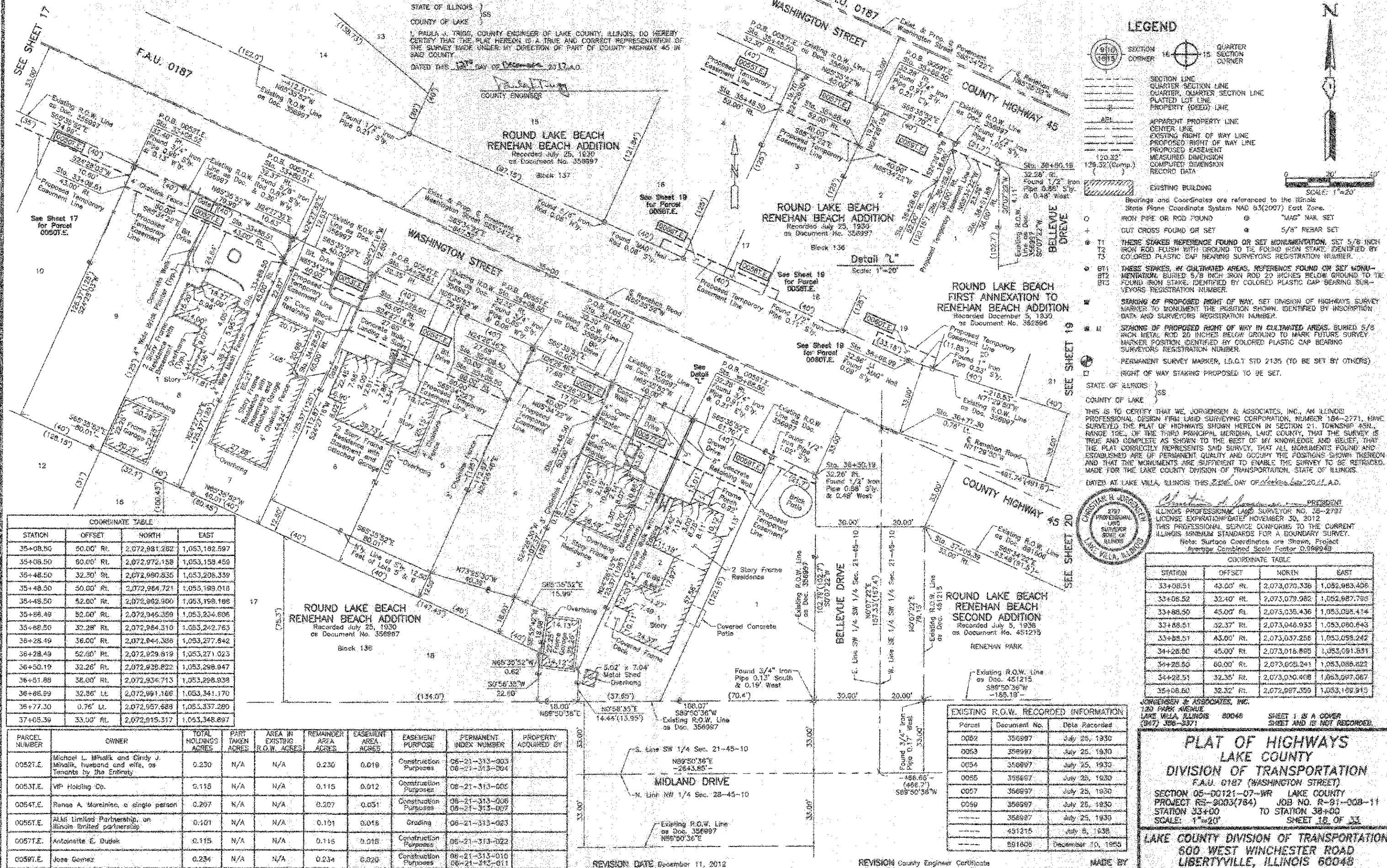
PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	SQUARE FEET	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
0049 0049T.E.	William Boczek, as Trustee under Trust Agreement dated the 19th day of June, 2002 and designated as Trust No. 112114	0.229	0.001	29	N/A	0.228	0.011	N/A	Construction Purpose	05-21-304-011 08-21-304-012 08-21-304-013	
0050T.E.	Barbara Madrie Piszczak, a single person	0.243	N/A	N/A	N/A	0.243	0.010	422	Grading	05-21-313-001 06-21-313-002	
0051 0051T.E.	Village of Round Lake Park, a municipal corporation	1.013	0.005	202	N/A	1.008	0.003	132	Grading	06-21-305-012 06-21-305-022	

REVISION DATE December 11, 2012

REVISION County Engineer Certificate

MADE BY

STATE OF ILLINOIS }
 COUNTY OF LAKE }
 I, PAUL J. TRIGG, COUNTY ENGINEER OF LAKE COUNTY, ILLINOIS, DO HEREBY
 CERTIFY THAT THE PLAT HEREON IS A TRUE AND CORRECT REPRESENTATION OF
 THE SURVEY MADE UNDER MY DIRECTION OF PART OF COUNTY HIGHWAY 45 IN
 SAID COUNTY.
 DATED THIS 12TH DAY OF DECEMBER, 2012, A.D.



LEGEND

SECTION CORNER 16 SECTION CORNER 15

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

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

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois State Plane Coordinate System NAD 83(2011) East Zone.

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

T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8" IRON ROD FLUSH WITH GROUND TO BE 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" IRON ROD 20 INCHES BELOW GROUND TO BE 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" IRON 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.S.G.T STD 2135 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
 COUNTY OF LAKE }

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 164-3771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 21, TOWNSHIP 45N., RANGE 10E., 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 LAKE COUNTY DIVISION OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 22ND DAY OF DECEMBER, 2012, A.D.

CHRISTOPHER R. JORGENSEN
 2797 PROFESSIONAL LAND SURVEYOR NO. 38-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2012
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
 Note: Surface Coordinates are Shown, Project Average Combined Scale Factor 0.999949

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
35+08.50	50.00' Rt.	2,072,981.282	1,053,162.597
35+08.50	60.00' Rt.	2,072,972.158	1,053,158.459
35+48.50	32.30' Rt.	2,072,980.835	1,053,208.339
35+48.50	50.80' Rt.	2,072,964.721	1,053,189.018
35+48.50	52.80' Rt.	2,072,962.900	1,053,198.188
35+88.48	52.60' Rt.	2,072,946.350	1,053,234.606
35+88.50	32.28' Rt.	2,072,964.310	1,053,242.763
36+28.49	36.06' Rt.	2,072,944.388	1,053,277.842
36+28.49	52.60' Rt.	2,072,929.819	1,053,271.023
36+59.19	32.26' Rt.	2,072,938.822	1,053,298.947
36+51.88	36.00' Rt.	2,072,934.713	1,053,298.938
36+86.99	32.36' Lt.	2,072,991.166	1,053,341.170
36+77.30	0.76' Lt.	2,072,957.688	1,053,357.280
37+05.39	33.90' Rt.	2,072,915.317	1,053,348.897

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
33+08.51	43.00' Rt.	2,073,070.736	1,052,985.408
33+08.52	32.40' Rt.	2,073,079.062	1,052,987.798
33+88.50	45.00' Rt.	2,073,035.436	1,053,035.414
33+88.51	32.37' Rt.	2,073,048.933	1,053,080.643
33+88.51	43.00' Rt.	2,073,037.256	1,053,058.242
34+28.80	45.00' Rt.	2,073,018.898	1,053,081.831
34+28.50	60.00' Rt.	2,073,029.241	1,053,088.822
34+28.51	32.35' Rt.	2,073,030.408	1,053,097.067
35+08.60	32.32' Rt.	2,072,897.359	1,053,189.915

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
00527.E	Michael L. Mihalik and Cindy J. Mihalik, husband and wife, as Tenants by the Entirety	0.250	N/A	N/A	0.230	0.019	Construction Purposes	06-21-313-003 06-21-313-004	
00531.E	VIP Holding Co.	0.116	N/A	N/A	0.115	0.012	Construction Purposes	06-21-313-005	
00541.E	Renee A. Morelino, a single person	0.297	N/A	N/A	0.207	0.051	Construction Purposes	06-21-313-006 06-21-313-007	
00551.E	ALMI Limited Partnership, an Illinois limited partnership	0.101	N/A	N/A	0.101	0.015	Grading	06-21-313-023	
00571.E	Antoinette E. Dudek	0.118	N/A	N/A	0.118	0.018	Construction Purposes	06-21-313-022	
00591.E	Jose Gomez	0.234	N/A	N/A	0.234	0.020	Construction Purposes	06-21-313-010 06-21-313-011	

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
0052	356997	July 25, 1930
0053	356997	July 25, 1930
0054	356997	July 25, 1930
0055	356997	July 25, 1930
0057	356997	July 25, 1930
0059	356997	July 25, 1930
---	451215	July 5, 1938
---	591808	December 10, 1955

PLAT OF HIGHWAYS
LAKE COUNTY
DIVISION OF TRANSPORTATION
 F.A.U. 0187 (WASHINGTON STREET)
 SECTION 05-00121-07-WR LAKE COUNTY
 PROJECT RS-9003(784) JOB NO. R-91-008-11
 STATION 33+00 TO STATION 38+00
 SCALE: 1"=20' SHEET 18 OF 33

LAKE COUNTY DIVISION OF TRANSPORTATION
 600 WEST WINCHESTER ROAD
 LIBERTYVILLE, ILLINOIS 60048

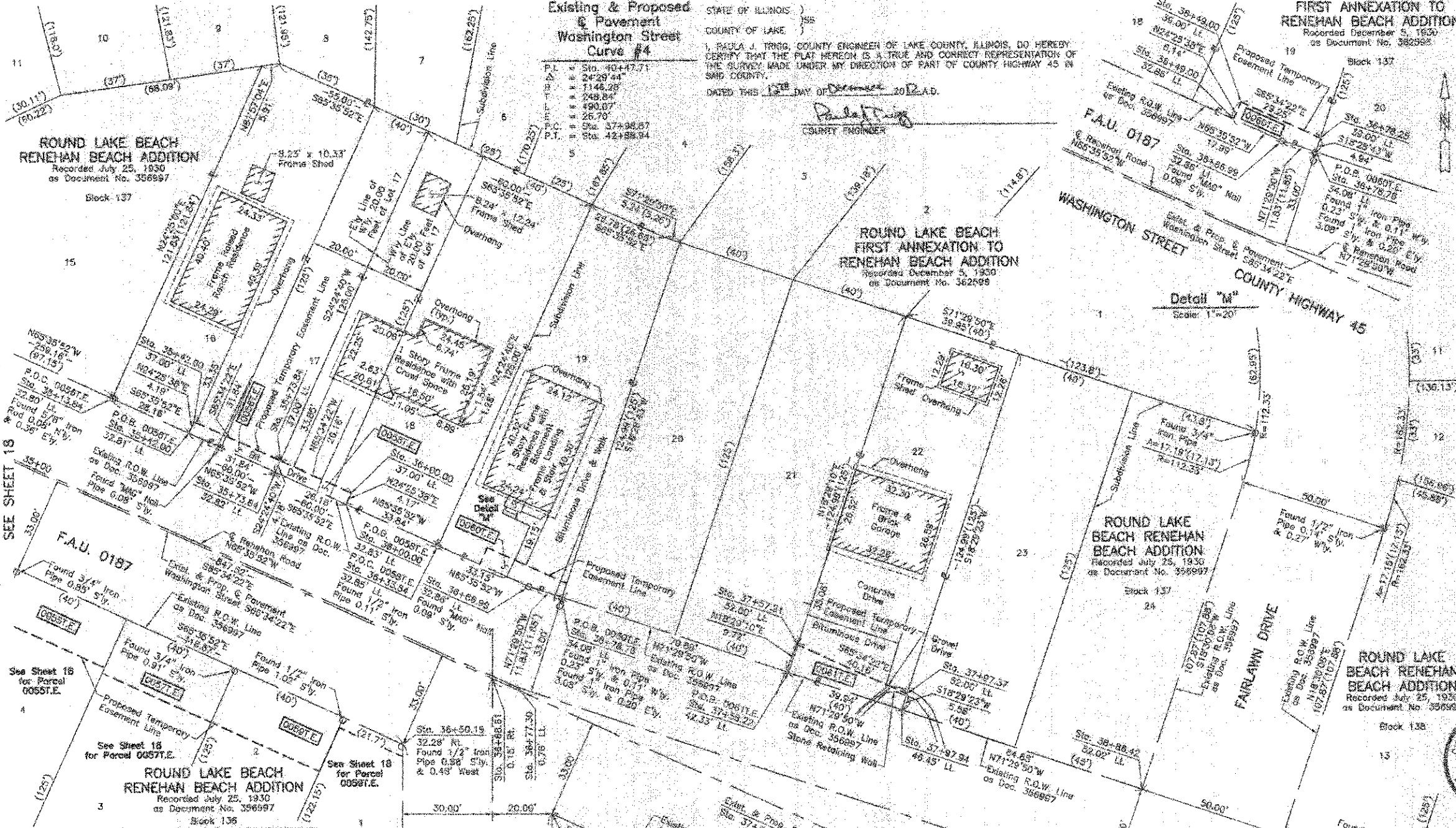
Existing & Proposed
Pavement
Washington Street
Curve #4

STATE OF ILLINOIS)
COUNTY OF LAKE)
I, PAULA J. TRIGO, COUNTY ENGINEER OF LAKE COUNTY, ILLINOIS, DO HEREBY
CERTIFY THAT THE PLAT HEREON IS A TRUE AND CORRECT REPRESENTATION OF
THE SURVEY MADE UNDER MY DIRECTION OF PART OF COUNTY HIGHWAY 45 IN
SAID COUNTY.
DATED THIS 15th DAY OF December, 2012 A.D.
Paula J. Trigo
COUNTY ENGINEER

ROUND LAKE BEACH
FIRST ANNEXATION TO
RENEHAN BEACH ADDITION
Recorded December 5, 1930
as Document No. 356997

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER-SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- A.P.L.
- AFFAIR PROPERTY LINE
- CENTER LINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING



- Bearings and Coordinates are referenced to the Illinois State Plane Coordinate System NAD 83(2007) East Zone.
- IRON PIPE OR ROD FOUND
- "MAG" NAIL SET
- CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- THESE STAKED REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO BE 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 BE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKES OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKES OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STD 2155 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS)
COUNTY OF LAKE)
THIS IS TO CERTIFY THAT WE, JORDENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-3771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 21, TOWNSHIP 45N., RANGE 10E., 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 GRID 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 LAKE COUNTY DIVISION OF TRANSPORTATION, STATE OF ILLINOIS.
DATED AT LAKE VILLA, ILLINOIS THIS 2nd DAY OF December, 2012 A.D.



COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
36+13.84	32.80' Lt.	2,073,054.440	1,053,201.698
36+42.00	32.81' Lt.	2,073,042.804	1,053,227.348
36+42.60	37.00' Lt.	2,073,048.820	1,053,229.079
36+73.84	32.82' Lt.	2,073,029.661	1,053,256.338
36+73.84	37.00' Lt.	2,073,033.464	1,053,258.065
36+00.00	32.83' Lt.	2,073,018.542	1,053,280.184

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
36+00.00	37.60' Lt.	2,073,022.634	1,053,281.887
36+33.84	32.65' Lt.	2,073,004.861	1,053,319.980
36+48.00	32.86' Lt.	2,072,998.598	1,053,324.787
36+48.00	39.00' Lt.	2,073,004.192	1,053,327.328
36+50.19	32.28' Rt.	2,072,938.822	1,053,298.947
36+56.99	32.86' Lt.	2,072,991.186	1,053,341.170
36+68.61	0.15' Rt.	2,072,960.441	1,053,328.694
36+77.36	0.78' Lt.	2,072,957.668	1,053,337.280
36+76.25	39.90' Lt.	2,072,992.097	1,053,353.957
36+78.76	34.06' Lt.	2,072,967.410	1,053,352.391
37+05.39	33.00' Rt.	2,072,915.317	1,053,348.897
37+57.21	52.00' Lt.	2,072,971.280	1,053,431.227
37+58.22	42.33' Lt.	2,072,962.058	1,053,428.145
37+57.37	52.00' Lt.	2,072,954.873	1,053,457.790
37+57.94	46.48' Lt.	2,072,949.384	1,053,466.022
37+58.87	33.00' Rt.	2,072,876.658	1,053,434.012
38+86.42	52.02' Lt.	2,072,922.449	1,053,546.510
39+36.81	52.23' Lt.	2,072,868.881	1,053,593.928

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
0096	356997	July 25, 1930
0055	356997	July 25, 1930
0080	356997	July 25, 1930
0081	356997	July 25, 1930
---	356997	July 25, 1930
---	481215	July 5, 1938
---	891608	December 10, 1955

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
0056E	Carlos Farías and Jennifer L. Schuonhoven, as Joint Tenants	0.172	N/A	N/A	0.172	0.003	133	Construction Purposes	06-21-305-013 06-21-305-023
0057E	Deborah S. Johns, as Trustee under trust agreement dated the 3rd day of February, 2001, and known as the Deborah S. Johns Trust, Number One	0.172	N/A	N/A	0.172	0.003	109	Construction Purposes	06-21-305-025
0080E	Angel Velazquez and Carrie Velazquez, husband and wife	0.110	N/A	N/A	0.110	0.004	174	Construction Purposes	08-21-305-018
0081E	First National Bank of Lincolnshire	0.115	N/A	N/A	0.115	0.007	306	Construction Purposes	08-21-305-019

JORDENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 398-3371

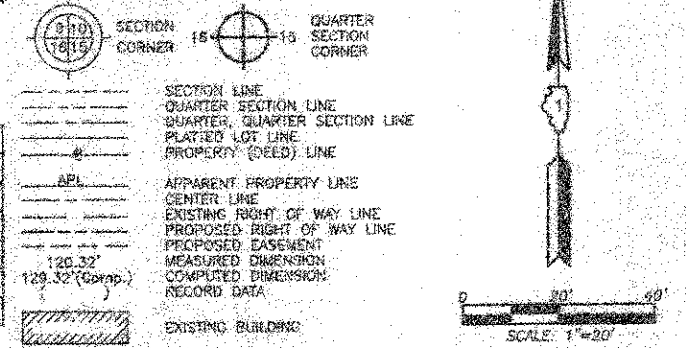
PLAT OF HIGHWAYS
LAKE COUNTY
DIVISION OF TRANSPORTATION
F.A.U. 0187 (WASHINGTON STREET)
SECTION 05-00121-07-WR LAKE COUNTY
PROJECT RS-9003(784) JOB NO. R-91-008-11
STATION 35+00 TO STATION 40+00
SCALE: 1"=20' SHEET 19 OF 33

LAKE COUNTY DIVISION OF TRANSPORTATION
600 WEST WINCHESTER ROAD
LIBERTYVILLE, ILLINOIS 60048

PART OF THE SW 1/4 OF SEC. 21 AND PART OF THE NW 1/4 OF SEC. 28, TWP. 45 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

STATE OF ILLINOIS)
 COUNTY OF LAKE)
 I, PAULA J. TRIGG, COUNTY ENGINEER OF LAKE COUNTY, ILLINOIS, DO HEREBY CERTIFY THAT THE PLAT HEREON IS A TRUE AND CORRECT REPRESENTATION OF THE SURVEY MADE UNDER MY DIRECTION OF PART OF COUNTY HIGHWAY 45 IN SAID COUNTY.
 DATED THIS 12th DAY OF DECEMBER, 2012 A.D.

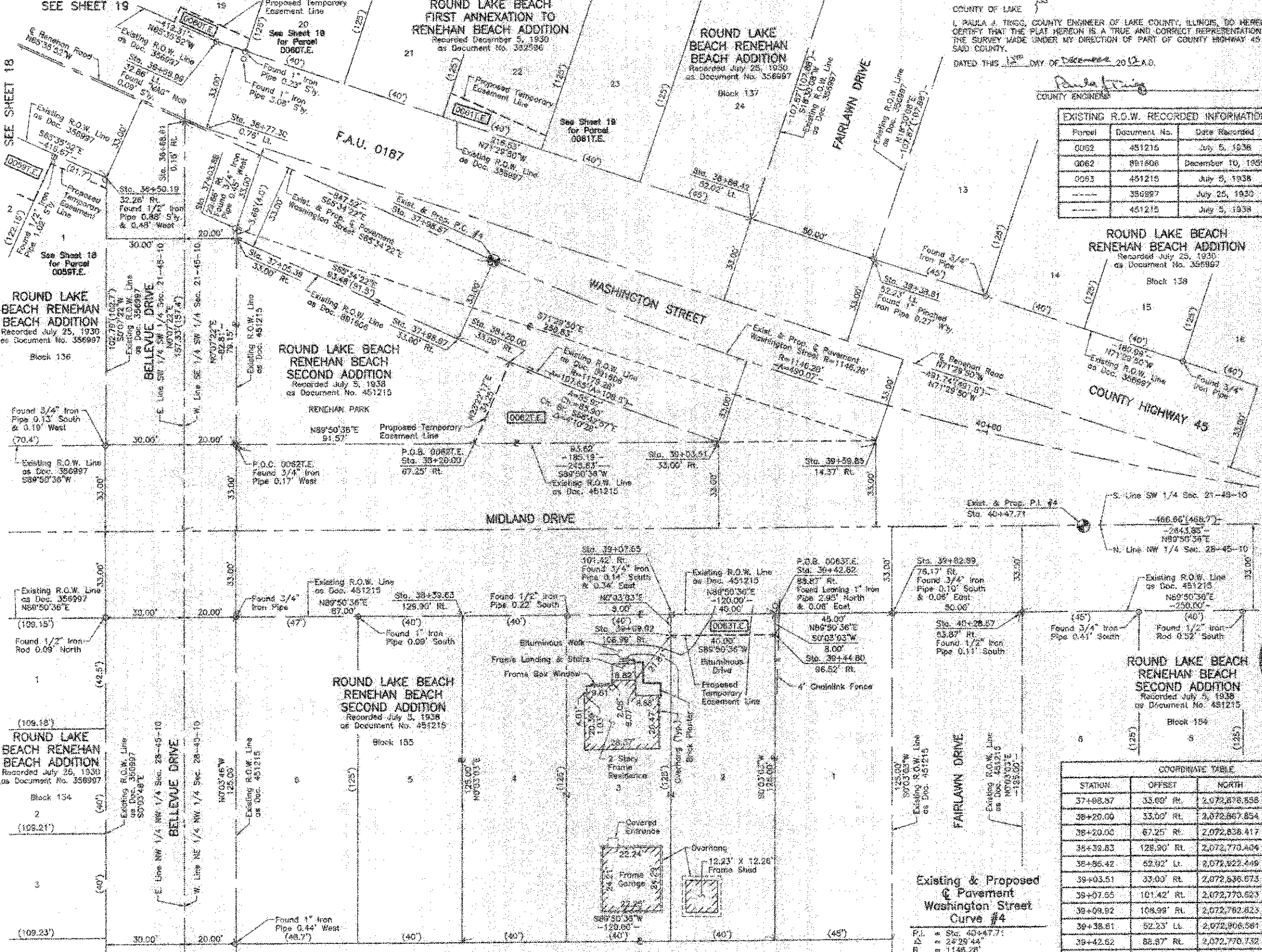
LEGEND



EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
0062	451215	July 5, 1938
0062	881606	December 10, 1935
0063	451215	July 5, 1938
---	356997	July 25, 1930
---	451215	July 5, 1938

- Bearings and Coordinates are referenced to the Illinois State Plane Coordinate System NAD 83(2007) East Zone.
- IRON PIPE OR ROD FOUND
 - ⊙ "MAG" NAIL SET
 - + CUT CROSS FOUND OR SET
 - 5/8" REDUX 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
 - S MARKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MARK THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 - M MARKING 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.C.T STD 2135 (TO BE SET BY OTHERS)
 - RIGHT OF WAY STAKING PROPOSED TO BE SET.



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
0062T.E.	Round Lake Area Park District, a municipal corporation	0.233	N/A	N/A	0.233	0.033	N/A	Grading	06-21-313-018	
0063T.E.	Helga Bridgeman	0.344	N/A	N/A	0.344	0.007	320	Driveway Construction	08-20-108-036	

REVISION DATE December 11, 2012

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
36+50.19	32.26' RL	2,072,958.822	1,053,208.647
36+86.99	32.86' U.	2,072,991.766	1,053,341.170
36+86.81	0.15' RL	2,072,860.441	1,053,328.954
36+77.30	0.76' LL	2,072,957.666	1,053,337.280
37+03.88	23.65' RL	2,072,818.979	1,053,348.905
37+05.30	33.00' RL	2,072,915.317	1,053,346.897
37+08.97	33.00' RL	2,072,878.558	1,053,434.012
38+20.00	33.00' RL	2,072,867.854	1,053,453.882
38+20.00	67.25' RL	2,072,838.417	1,053,440.297
38+38.83	128.96' RL	2,072,770.404	1,053,435.574
38+86.42	52.92' LL	2,072,822.419	1,053,546.510
39+03.51	33.00' RL	2,072,536.673	1,053,533.921
39+07.55	101.42' RL	2,072,770.623	1,053,515.572
39+09.92	108.99' RL	2,072,782.823	1,053,515.584
39+38.81	52.23' LL	2,072,906.581	1,053,593.928
39+42.62	86.97' RL	2,072,770.732	1,053,555.571
39+44.80	96.52' RL	2,072,762.732	1,053,555.584
39+59.85	14.37' RL	2,072,936.836	1,053,594.360
39+52.89	76.17' RL	2,072,773.865	1,053,600.570
40+28.57	63.87' RL	2,072,770.892	1,053,650.570

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
36+50.19	32.26' RL	2,072,958.822	1,053,208.647
36+86.99	32.86' U.	2,072,991.766	1,053,341.170
36+86.81	0.15' RL	2,072,860.441	1,053,328.954
36+77.30	0.76' LL	2,072,957.666	1,053,337.280
37+03.88	23.65' RL	2,072,818.979	1,053,348.905
37+05.30	33.00' RL	2,072,915.317	1,053,346.897

JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60048
 (847) 358-3371

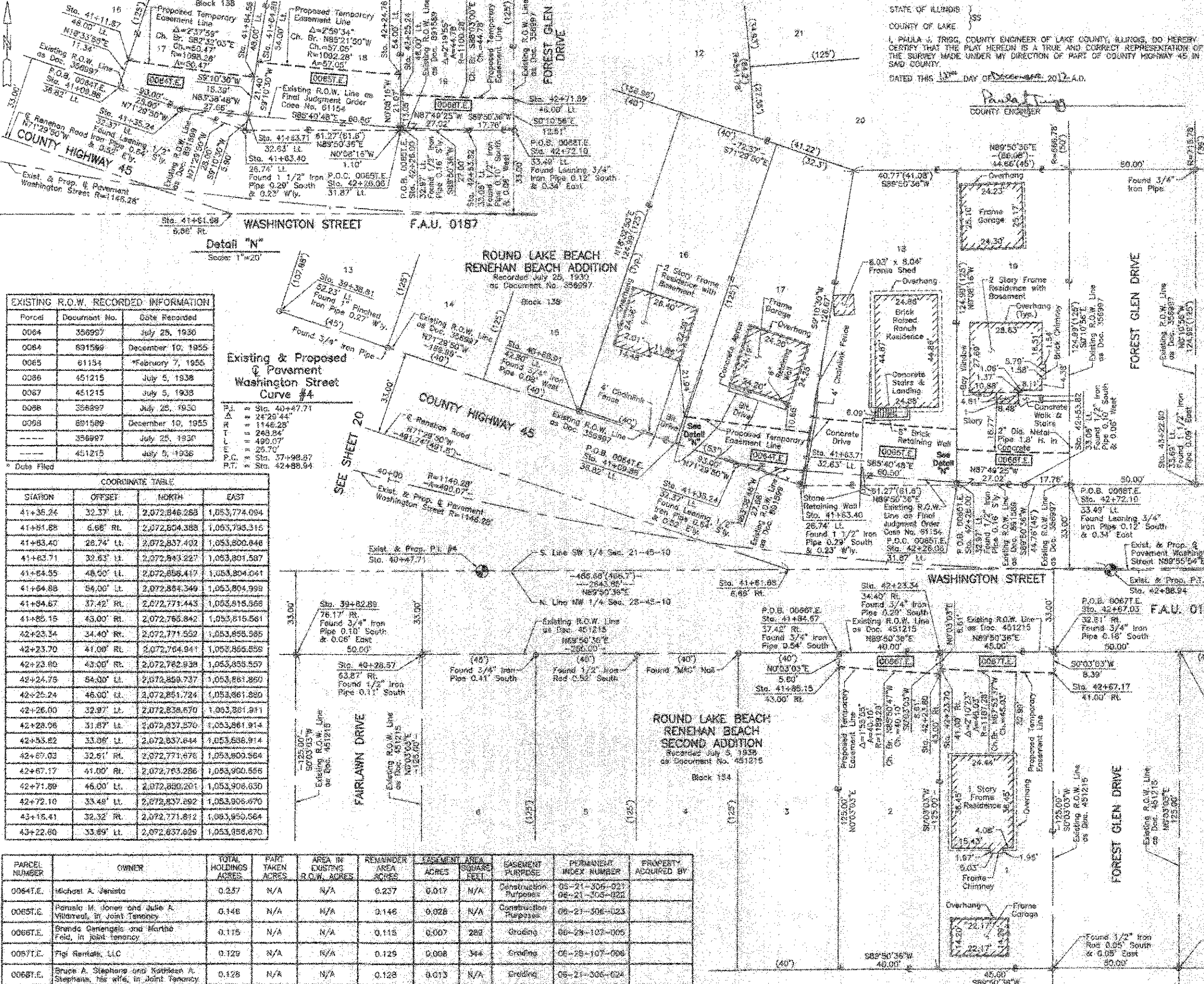
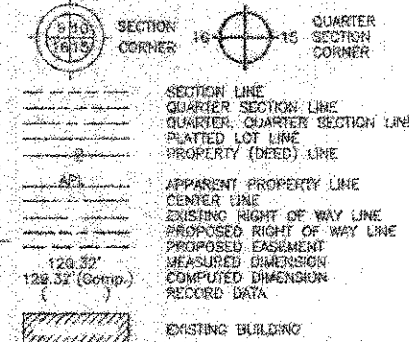
PLAT OF HIGHWAYS LAKE COUNTY DIVISION OF TRANSPORTATION
 F.A.U. 0187 (WASHINGTON STREET)
 SECTION 05-00121-07-WR LAKE COUNTY
 PROJECT RS-9003(764) JOB NO. R-91-008-11
 STATION 36+00 TO STATION 41+00
 SCALE: 1"=20' SHEET 29 OF 33

LAKE COUNTY DIVISION OF TRANSPORTATION
 600 WEST WINCHESTER ROAD
 LIBERTYVILLE, ILLINOIS 60048

PART OF THE SW 1/4 OF SEC. 21 AND PART OF THE NW 1/4 OF SEC. 28, TWP. 45 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

STATE OF ILLINOIS }
 COUNTY OF LAKE }
 I, PAULA J. TRIGG, COUNTY ENGINEER OF LAKE COUNTY, ILLINOIS, DO HEREBY CERTIFY THAT THE PLAT HEREON IS A TRUE AND CORRECT REPRESENTATION OF THE SURVEY MADE UNDER MY DIRECTION OF PART OF COUNTY HIGHWAY 45 IN SAID COUNTY.
 DATED THIS 13th DAY OF DECEMBER, 2012 A.D.

LEGEND



EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
0064	356997	July 25, 1930
0084	691599	December 10, 1955
0065	61134	February 7, 1956
0086	451215	July 5, 1938
0067	451215	July 5, 1938
0098	356997	July 25, 1930
0098	691599	December 10, 1955
---	356997	July 25, 1930
---	451215	July 5, 1938

Existing & Proposed Pavement Washington Street Curve #4

P.I. = Sta. 40+47.71
 Δ = 24°29'44"
 R = 1146.28'
 T = 248.84'
 L = 499.07'
 E = 26.70'
 P.C. = Sta. 37+98.87
 P.T. = Sta. 42+88.94

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
41+35.24	32.37' Lt.	2,072,846.268	1,053,774.094
41+81.88	6.68' Rt.	2,072,854.388	1,053,795.315
41+83.40	28.74' Lt.	2,072,837.492	1,053,800.846
41+83.71	32.63' Lt.	2,072,843.227	1,053,801.587
41+84.55	48.00' Lt.	2,072,856.417	1,053,804.041
41+84.88	54.00' Lt.	2,072,884.349	1,053,804.999
41+84.67	37.42' Rt.	2,072,771.443	1,053,815.568
41+85.15	43.00' Rt.	2,072,765.842	1,053,815.581
42+23.24	34.40' Rt.	2,072,771.552	1,053,855.585
42+23.70	41.00' Rt.	2,072,704.941	1,053,855.558
42+23.80	43.00' Rt.	2,072,782.838	1,053,855.557
42+24.75	54.00' Lt.	2,072,859.737	1,053,861.850
42+25.24	46.00' Lt.	2,072,851.724	1,053,861.880
42+26.00	32.97' Lt.	2,072,838.670	1,053,861.811
42+28.96	31.87' Rt.	2,072,837.570	1,053,861.814
42+53.82	33.89' Lt.	2,072,837.644	1,053,836.914
42+57.03	32.61' Rt.	2,072,771.678	1,053,803.584
42+67.17	41.00' Rt.	2,072,763.286	1,053,900.556
42+71.89	46.00' Lt.	2,072,850.201	1,053,908.630
42+72.10	33.48' Lt.	2,072,837.892	1,053,906.670
43+16.41	32.32' Rt.	2,072,771.812	1,053,950.564
43+22.60	33.89' Lt.	2,072,837.629	1,053,958.670

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
0064T.E.	Michael A. Jenista	0.237	N/A	N/A	0.237	0.017	N/A	Construction Purposes	05-21-305-021 08-21-305-022	
0065T.E.	Patricia M. Jones and Julie A. Villanuel, in Joint Tenancy	0.148	N/A	N/A	0.148	0.028	N/A	Construction Purposes	08-21-305-023	
0066T.E.	Brandis Genesio and Marthe Feld, in Joint Tenancy	0.115	N/A	N/A	0.115	0.007	282	Grading	06-28-107-005	
0067T.E.	Tigi Rentals, LLC	0.129	N/A	N/A	0.129	0.008	344	Grading	06-28-107-006	
0068T.E.	Bruce A. Stephens and Kathleen A. Stephens, his wife, in Joint Tenancy	0.128	N/A	N/A	0.128	0.013	N/A	Grading	05-21-306-024	

Bearings and Coordinates are referenced to the Illinois State Plane Coordinate System NAD 83(2011) East Zone.

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

• T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 • T2
 • T3
 • B11 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.
 • B12
 • B13
 • S MARKING 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 MARKING 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.
 • P PERMANENT SURVEY MARKER, I.D.O.T. STD 21.35 (TO BE SET BY OTHERS)
 □ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
 COUNTY OF LAKE }
 THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2271, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 21, TOWNSHIP 45N., RANGE 10E. AND SECTION 28, TOWNSHIP 45N., RANGE 10E., 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 LAKE COUNTY DIVISION OF TRANSPORTATION, STATE OF ILLINOIS.
 DATED AT LAKE VILLA, ILLINOIS THIS 20th DAY OF DECEMBER, 2012 A.D.



COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
39+38.81	52.23' Lt.	2,072,906.581	1,053,933.828
39+62.89	78.17' Rt.	2,072,770.655	1,053,600.579
40+28.87	63.87' Rt.	2,072,770.992	1,053,860.570
40+68.91	42.80' Lt.	2,072,856.914	1,053,712.458
41+08.88	36.82' Lt.	2,072,854.221	1,053,750.382
41+11.87	48.00' Lt.	2,072,864.975	1,053,754.000

JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (815) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS LAKE COUNTY DIVISION OF TRANSPORTATION
 F.A.U. 0187 (WASHINGTON STREET)
 SECTION 05-00121-07-WR LAKE COUNTY
 PROJECT RS-8003(784) JOB NO. R-91-006-11
 STATION 39+00 TO STATION 44+00
 SCALE: 1"=20' SHEET 21 OF 33

LAKE COUNTY DIVISION OF TRANSPORTATION
 600 WEST WINCHESTER ROAD
 LIBERTYVILLE, ILLINOIS 60048

REVISION DATE December 11, 2012

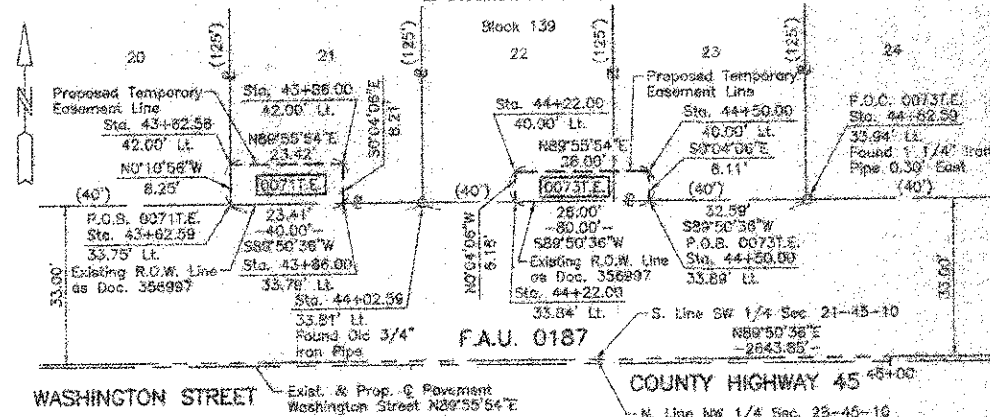
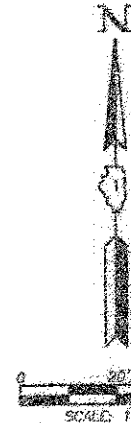
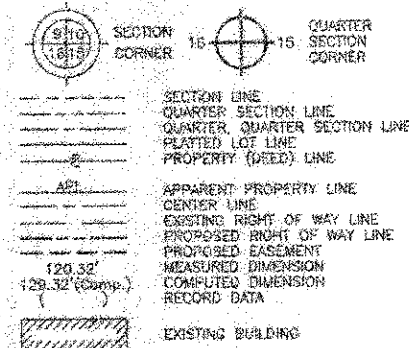
REVISION County Engineer Certificate

MADE BY

ROUND LAKE BEACH
RENEHAN BEACH ADDITION
Recorded July 25, 1930
as Document No. 356997

Table with columns: PARCEL NUMBER, OWNER, TOTAL HOLDINGS ACRES, PART TAKEN ACRES, AREA IN EXISTING B.L.W. ACRES, REMAINDER ACRES, EASEMENT AREA ACRES, EASEMENT PURPOSE, PERMANENT INDEX NUMBER, PROPERTY ACQUIRED BY.

LEGEND

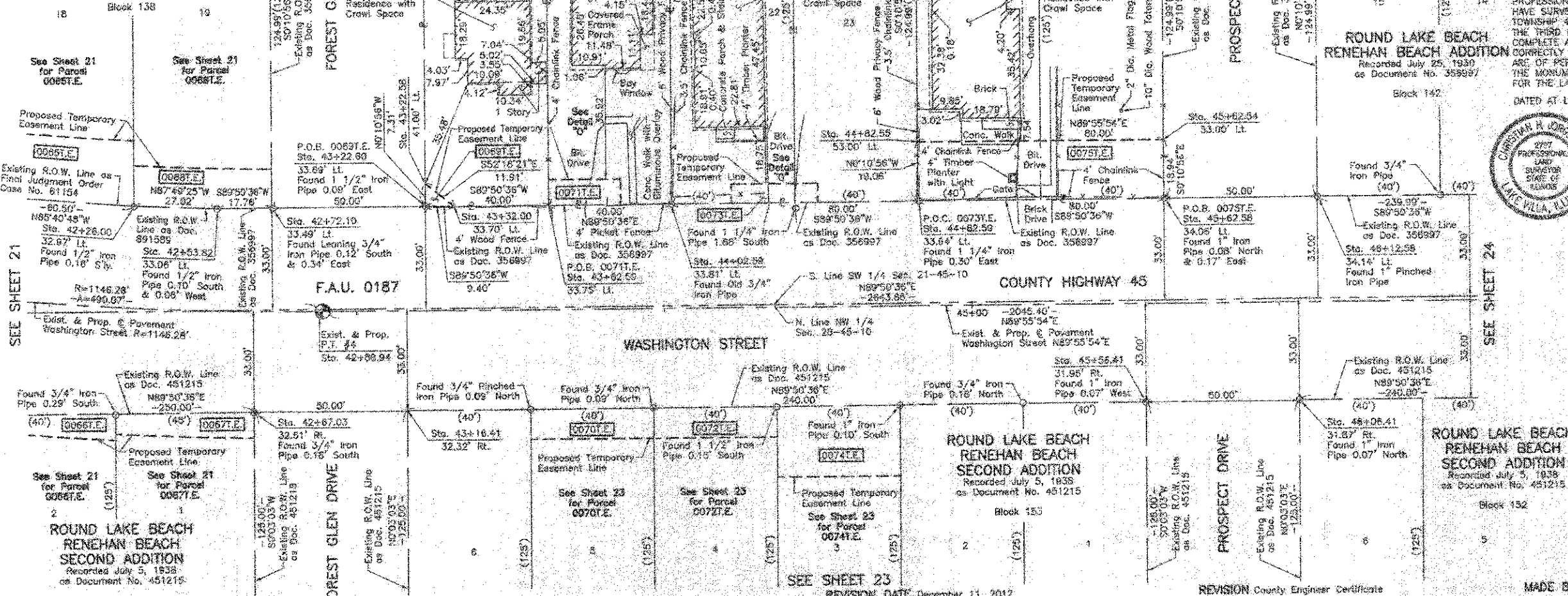


STATE OF ILLINOIS)
COUNTY OF LAKE) SS
I, PAULA J. TRIGG, COUNTY ENGINEER OF LAKE COUNTY, ILLINOIS, DO HEREBY
CERTIFY THAT THE PLAT HEREON IS A TRUE AND CORRECT REPRESENTATION OF
THE SURVEY MADE UNDER MY DIRECTION OF PART OF COUNTY HIGHWAY 45 IN
SAID COUNTY.
DATED THIS 12TH DAY OF December, 2012 A.D.
Paula J. Trigg
COUNTY ENGINEER

COORDINATE TABLE with columns: STATION, OFFSET, NORTH, EAST. Lists coordinates for various points along the highway.

EXISTING R.O.W. RECORDED INFORMATION table with columns: Parcel, Document No., Date Recorded. Lists parcels 0069, 0071, 0073, 0075, 451215, 61154, 891559.

ROUND LAKE BEACH
RENEHAN BEACH ADDITION
Recorded July 25, 1930
as Document No. 356997



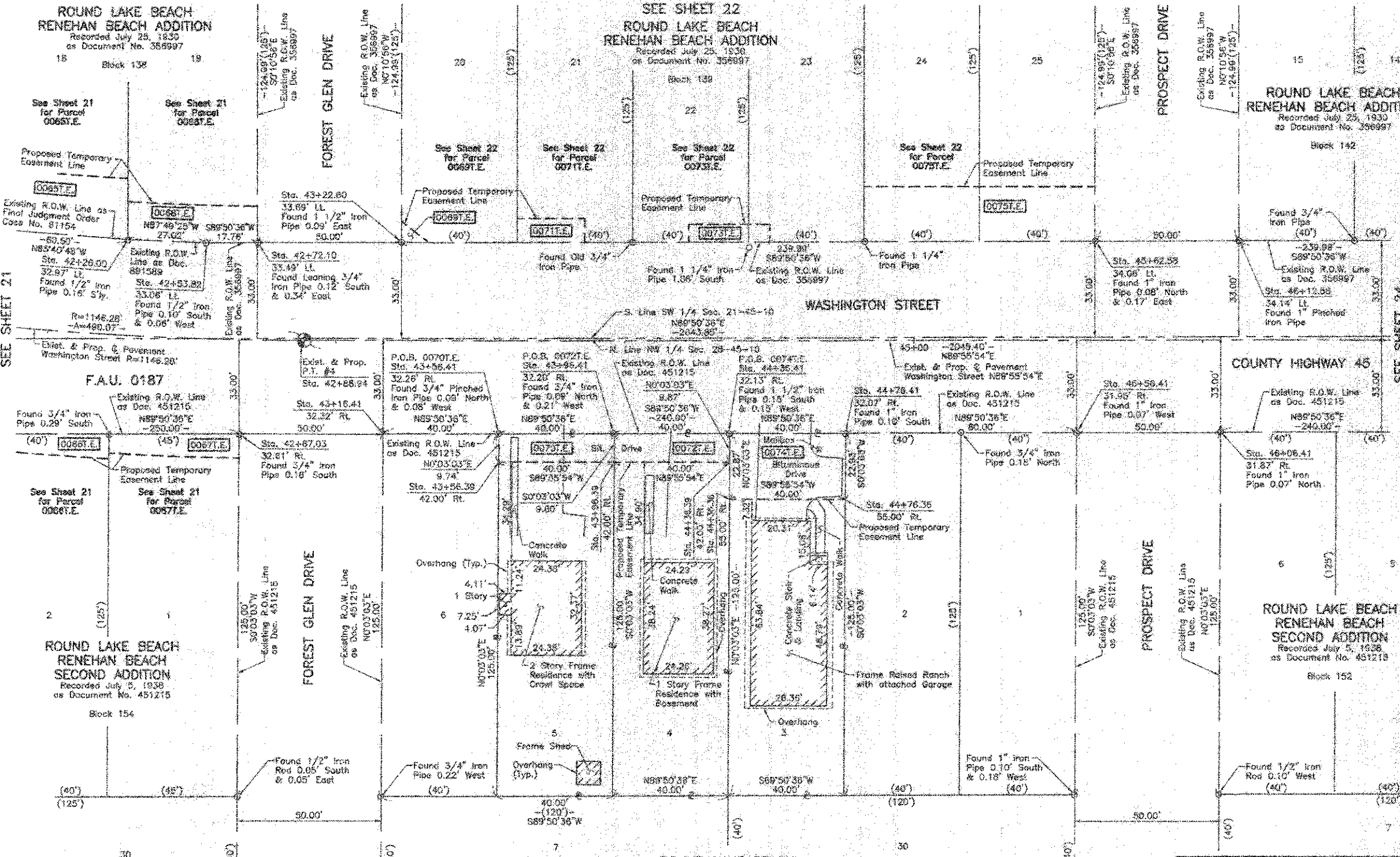
THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS
PROFESSIONAL FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771,
TOWNSHIP 45N., RANGE 10E. AND SECTION 28, TOWNSHIP 45N., RANGE 10E., OF
THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND
COMPLETE AS SHOWN TO THE 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 LAKE COUNTY DIVISION OF TRANSPORTATION, STATE OF ILLINOIS.
DATED AT LAKE VILLA, ILLINOIS THIS 20TH DAY OF December, 2012 A.D.



COORDINATE TABLE with columns: STATION, OFFSET, NORTH, EAST. Lists coordinates for points along the highway.

JORGENSEN & ASSOCIATES, INC.
1307 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 326-3371

PLAT OF HIGHWAYS
LAKE COUNTY
DIVISION OF TRANSPORTATION
F.A.U. 0187 (WASHINGTON STREET)
SECTION 05-00121-07-WR LAKE COUNTY
PROJECT RS-9003(784) JOB NO. R-91-008-11
STATION 42+00 TO STATION 47+00
SCALE: 1"=20' SHEET 22 OF 32
LAKE COUNTY DIVISION OF TRANSPORTATION
800 WEST WINCHESTER ROAD
LIBERTYVILLE, ILLINOIS 60048



LEGEND

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

Bearings and Coordinates are referenced to the Illinois State Plane Coordinate System NAD 83(2011) East Zone.

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

① 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.

② 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.

③ 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.

④ 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.

⑤ PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)

⑥ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 21, TOWNSHIP 45 N., RANGE 10 E., AND SECTION 28, TOWNSHIP 45 N., RANGE 10 E., OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, ILLINOIS, 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 LAKE COUNTY DIVISION OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 22nd DAY OF November, 2012, A.D.

Christian H. Jorgensen PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2012
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
Note: Surface Coordinates are Shown, Project Average Combined Scale Factor: 0.999946



COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
42+25.00	32.97' LI.	2,072,838.670	1,053,861.911
42+53.82	33.06' LI.	2,072,837.844	1,053,868.914
42+67.03	32.61' RL.	2,072,771.676	1,053,900.584
42+72.10	33.48' LI.	2,072,857.692	1,053,906.670
43+15.41	32.32' RL.	2,072,771.812	1,053,850.584
43+22.60	33.59' LI.	2,072,837.829	1,053,868.670

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
43+56.39	42.00' RL.	2,072,762.179	1,053,990.584
43+56.41	32.26' RL.	2,072,771.922	1,053,990.583
43+56.39	42.00' RL.	2,072,762.227	1,054,030.588
43+56.41	32.20' RL.	2,072,772.031	1,054,030.582
44+36.36	55.00' RL.	2,072,749.274	1,054,070.540
44+36.39	42.00' RL.	2,072,762.274	1,054,070.582
44+36.41	32.13' RL.	2,072,772.140	1,054,070.581
44+76.36	55.00' RL.	2,072,749.322	1,054,110.539
44+76.41	32.07' RL.	2,072,772.230	1,054,110.560
45+52.58	34.06' LI.	2,072,838.466	1,054,195.584
45+52.58	31.87' RL.	2,072,772.605	1,054,240.588
45+12.58	34.14' LI.	2,072,838.822	1,054,248.654

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
0070	451215	July 5, 1938
0072	451215	July 5, 1938
0074	451215	July 5, 1938
---	356997	July 25, 1930
---	451215	July 5, 1938
---	51154	February 7, 1955
---	391589	December 10, 1955

* Date Filed

Existing & Proposed
Pavement
Washington Street
Curve #4

P.I. = Sta. 49+47.71
P.T. = Sta. 44+29.44
L = 1146.28'
T = 248.84'
E = 490.07'
M = 26.70'
P.C. = Sta. 37+88.87
P.T. = Sta. 42+88.94

Block 153

STATE OF ILLINOIS }
COUNTY OF LAKE } SS

I, PAULA J. TRIGG, COUNTY ENGINEER OF LAKE COUNTY, ILLINOIS, DO HEREBY CERTIFY THAT THE PLAT HEREON IS A TRUE AND CORRECT REPRESENTATION OF THE SURVEY MADE UNDER MY DIRECTION OF PART OF COUNTY HIGHWAY 45 IN SAID COUNTY.

DATED THIS 12th DAY OF December, 2012, A.D.

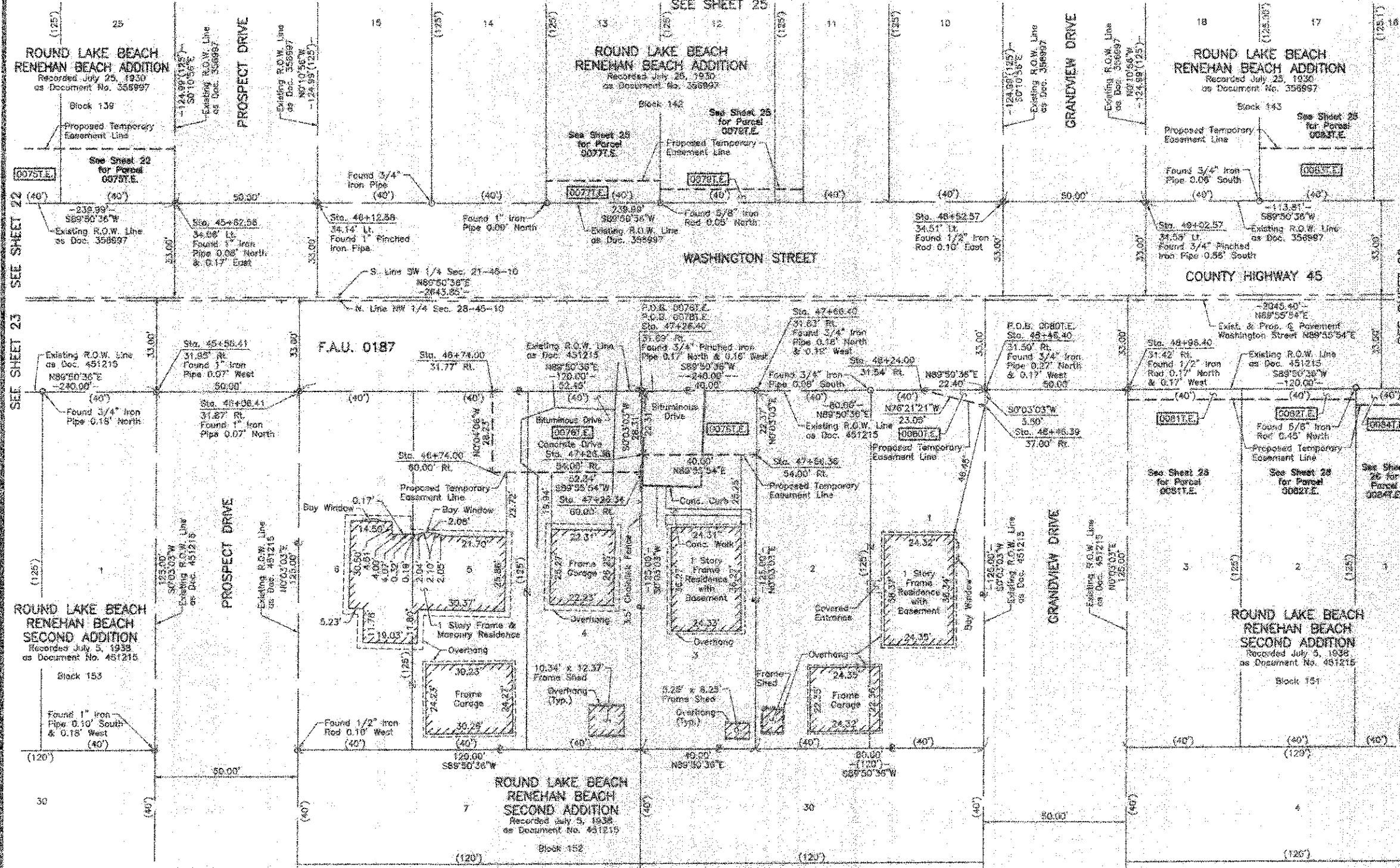
Paula J. Trigg
COUNTY ENGINEER

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
0070.E.	Sarasota Enterprises, LLC	0.115	N/A	N/A	0.115	0.009	391	Construction Purposes	08-28-108-002	
0072.E.	Nancy Crane	0.115	N/A	N/A	0.115	0.009	393	Construction Purposes	08-28-108-003	
0074.E.	North Shore Bank, FSB	0.115	N/A	N/A	0.115	0.001	N/A	Construction Purposes	08-28-108-004	

PLAT OF HIGHWAYS
LAKE COUNTY
DIVISION OF TRANSPORTATION
F.A.U. 0187 (WASHINGTON STREET)
SECTION 05-00121-07-WR LAKE COUNTY
PROJECT RS-8003(764) JOB NO. R-91-008-11
STATION 42+00 TO STATION 47+00
SCALE: 1"=20'
SHEET 23 OF 33

LAKE COUNTY DIVISION OF TRANSPORTATION
800 WEST WINCHESTER ROAD
LIBERTYVILLE, ILLINOIS 60048

PART OF THE SW 1/4 OF SEC. 21 AND PART OF THE NW 1/4 OF SEC. 28, TWP. 45 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.



LEGEND

SECTION CORNER 16 SECTION CORNER 15

SECTION LINE
 QUARTER SECTION LINE
 QUARTER-QUARTER SECTION LINE
 PLATTED LOT LINE
 PROPERTY (BEES) LINE

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

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois State Plane Coordinate System NAD 83(2011) Etel Zone.

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 THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

B1 THESE STAKES IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 23 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 IRON ROD 23 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

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

RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
 COUNTY OF LAKE } SS

THIS IS TO CERTIFY THAT MR. JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2774, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 21, TOWNSHIP 45N, RANGE 10E AND SECTION 28, TOWNSHIP 45N, RANGE 10E, 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 LAKE COUNTY DIVISION OF TRANSPORTATION, STATE OF ILLINOIS.

BASED AT LAKE VILLA, ILLINOIS THIS 20th DAY OF December 2012 A.D.

Paul J. Trigg
 COUNTY ENGINEER

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
0076	451215	July 5, 1938
0078	451215	July 5, 1938
0080	451215	July 5, 1938
---	358897	July 25, 1930
---	451215	July 5, 1938

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
47+26.34	60.00' RL	2,072,744.621	1,054,380.530
47+26.39	54.00' RL	2,072,756.821	1,054,380.535
47+26.40	31.69' RL	2,072,772.934	1,054,380.535
47+66.39	54.00' RL	2,072,750.688	1,054,400.534
47+66.40	31.62' RL	2,072,773.843	1,054,400.534
48+24.00	31.54' RL	2,072,773.209	1,054,408.150
48+45.39	37.00' RL	2,072,787.764	1,054,480.647
48+46.40	31.59' RL	2,072,773.262	1,054,480.552
48+52.57	34.51' LL	2,072,839.276	1,054,486.638
48+96.40	31.42' RL	2,072,773.368	1,054,530.552
49+02.57	34.56' LL	2,072,839.415	1,054,536.638

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
48+56.41	31.95' RL	2,072,772.489	1,054,190.588
48+62.55	34.06' LL	2,072,838.488	1,054,196.634
48+66.61	31.87' RL	2,072,772.605	1,054,248.858
48+12.56	34.14' LL	2,072,838.622	1,054,248.654
48+74.00	31.77' RL	2,072,772.790	1,054,308.151
48+74.00	60.00' RL	2,072,744.538	1,054,308.154

STATE OF ILLINOIS }
 COUNTY OF LAKE } SS

I, PAULA J. TRIGG, COUNTY ENGINEER OF LAKE COUNTY, ILLINOIS, DO HEREBY CERTIFY THAT THE PLAT HEREON IS A TRUE AND CORRECT REPRESENTATION OF THE SURVEY MADE UNDER MY DIRECTION OF PART OF COUNTY HIGHWAY 45 IN SAID COUNTY.

DATED THIS 20th DAY OF December 2012 A.D.

Paula J. Trigg
 COUNTY ENGINEER

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
00761.E	Javier Fernandez and Lourdes Mascola, husband and wife, as tenants by the entirety	0.344	N/A	N/A	0.344	0.034	N/A	Construction Purposes	05-28-108-022	
00781.E	Lori A. Bauer	0.115	N/A	N/A	0.115	0.021	N/A	Construction Purposes	06-28-109-003	
00801.E	Federal Home Loan Mortgage Corporation	0.230	N/A	N/A	0.230	0.001	62	Crediting	06-28-109-004 06-28-109-009	

JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60146
 (847) 399-3371

2751
 ILLINOIS PROFESSIONAL LAND SURVEYOR
 STATE OF ILLINOIS

THIS IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS

LAKE COUNTY

DIVISION OF TRANSPORTATION

F.A.U. 0187 (WASHINGTON STREET)
 SECTION 05-00121-07-WR LAKE COUNTY
 PROJECT RS-9003(764) JOB NO. R-91-008-11
 STATION 48+00 TO STATION 50+00
 SCALE: 1"=20' SHEET 24 OF 33

LAKE COUNTY DIVISION OF TRANSPORTATION
 600 WEST WINCHESTER ROAD
 LIBERTYVILLE, ILLINOIS 60048

PART OF THE SOUTH 1/2 OF SEC. 21 AND PART OF THE NORTH 1/2 OF SEC. 28, TWP. 45 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

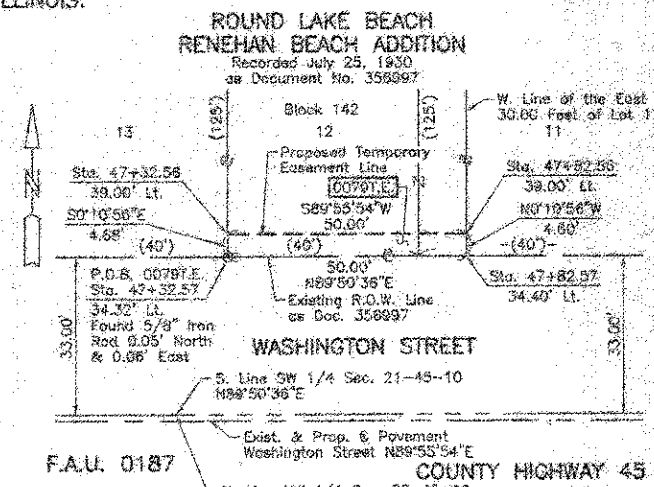
PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
0077.E	Florencio Garcia and Veronica Garcia, as tenants by the entirety	0.115	N/A	N/A	0.115	0.007	308	Construction Purposes	06-21-314-019	
0079.E	Illinois Mutual Group, Inc., an Illinois corporation	0.143	N/A	N/A	0.143	0.005	232	Construction Purposes	06-21-314-026	
0083.E	Rafael Medrano	0.115	N/A	N/A	0.115	0.017	N/A	Construction Purposes	06-21-315-013	

STATION	OFFSET	NORTH	EAST
47+82.57	34.40' Lt.	2,072,839.087	1,054,416.641
48+46.40	31.50' Rt.	2,072,773.262	1,054,480.592
49+52.57	34.51' Lt.	2,072,839.279	1,054,458.634
48+86.40	31.42' Rt.	2,072,773.398	1,054,530.562
49+02.57	34.58' Lt.	2,072,839.815	1,054,536.636
49+42.53	53.00' Lt.	2,072,857.878	1,054,576.577
49+42.56	34.65' Lt.	2,072,839.325	1,054,578.635
49+82.53	53.00' Lt.	2,072,857.926	1,054,616.574
49+82.56	34.71' Lt.	2,072,839.634	1,054,618.633
50+16.38	34.76' Lt.	2,072,839.727	1,054,650.447
50+16.38	40.00' Rt.	2,072,784.967	1,054,650.541
50+16.40	31.24' Rt.	2,072,773.727	1,054,650.548
50+16.46	E	2,072,804.867	1,054,650.576
50+16.47	1.78' Lt.	2,072,806.727	1,054,650.578

Parcel	Document No.	Date Recorded
0077	356997	July 25, 1930
0079	356997	July 25, 1930
0083	356997	July 25, 1930
---	451215	July 5, 1938
---	891803	December 10, 1985

STATE OF ILLINOIS)
 COUNTY OF LAKE)
 I, PAUL J. TRIGG, COUNTY ENGINEER OF LAKE COUNTY, ILLINOIS, DO HEREBY CERTIFY THAT THE PLAT HEREON IS A TRUE AND CORRECT REPRESENTATION OF THE SURVEY MADE UNDER MY DIRECTION OF PART OF COUNTY HIGHWAY 45 IN SAID COUNTY.
 DATED THIS 1st DAY OF December, 2012 A.D.

Paul J. Trigg
 COUNTY ENGINEER

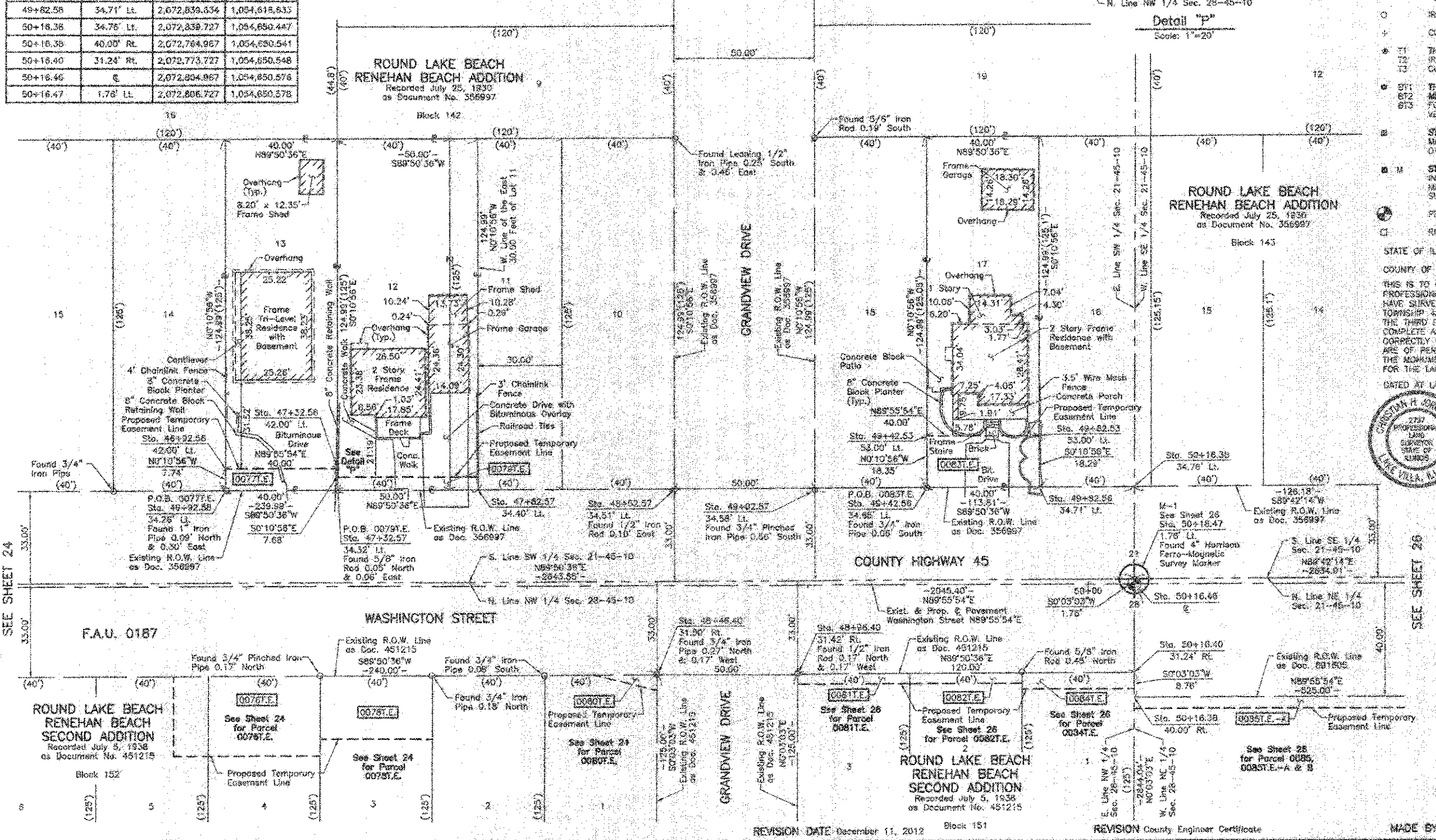


LEGEND

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

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

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



STATION	OFFSET	NORTH	EAST
46+92.58	42.00' Lt.	2,072,848.590	1,054,326.824
46+92.58	34.26' Lt.	2,072,836.841	1,054,326.659
47+32.56	39.00' Lt.	2,072,843.629	1,054,366.631
47+32.56	42.00' Lt.	2,072,846.826	1,054,368.822
47+32.57	34.32' Lt.	2,072,836.930	1,054,368.946
47+82.56	39.00' Lt.	2,072,843.688	1,054,418.826

JORGENSEN & ASSOCIATES, INC.
 1380 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (647) 336-3371

PLAT OF HIGHWAYS
LAKE COUNTY
DIVISION OF TRANSPORTATION
 F.A.U. 0187 (WASHINGTON STREET)
 SECTION 05-00121-07-WR LAKE COUNTY
 PROJECT RS-9003(784) JOB NO. R-91-008-11
 STATION 48+00 TO STATION 51+00
 SCALE: 1"=20' SHEET 25 OF 33

LAKE COUNTY DIVISION OF TRANSPORTATION
 600 WEST WINCHESTER ROAD
 LIBERTYVILLE, ILLINOIS 60048

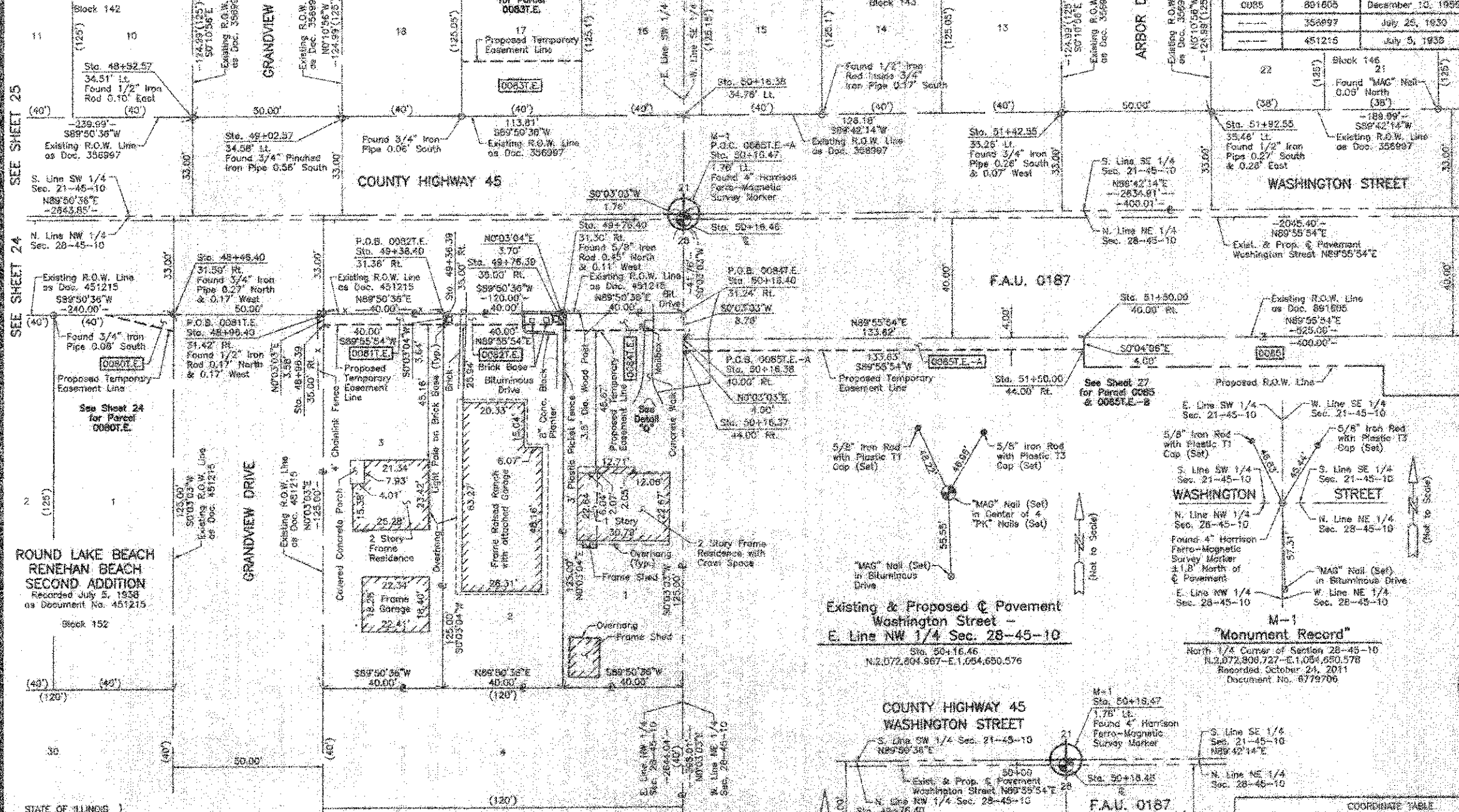
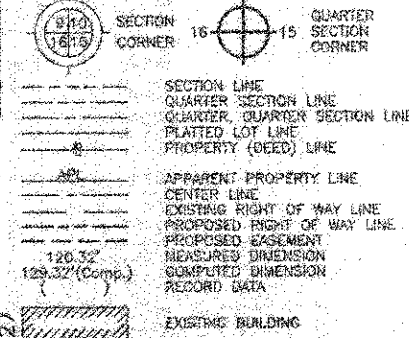
PART OF THE SOUTH 1/2 OF SEC. 21 AND PART OF THE NORTH 1/2 OF SEC. 28, TWP. 45 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

**ROUND LAKE BEACH
RENEHAN BEACH ADDITION**
Recorded July 25, 1930
as Document No. 356997

**ROUND LAKE BEACH
RENEHAN BEACH ADDITION**
Recorded July 25, 1930
as Document No. 356997

Parcel	Document No.	Date Recorded
0081	451215	July 5, 1938
0082	451215	July 5, 1938
0084	451215	July 5, 1938
0085	891805	December 10, 1955
	356997	July 25, 1930
	451215	July 5, 1938

LEGEND



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

IRON PIPE OR ROD FOUND @ "MAG" NAIL SET

CUT CROSS FOUND OR SET @ 5/8" REBAR SET

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

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

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

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

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

RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE }
THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM, LAND SURVEYING CORPORATION, NUMBER 184-2771, TOWNSHIP 45N., RANGE 10E. AND SECTION 28, TOWNSHIP 45N., RANGE 10E. 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 LAKE COUNTY DIVISION OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 12TH DAY OF DECEMBER 2011 A.D.



CHRISTOPHER R. JORGENSEN
PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2012
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
Note: Surface Coordinates are Shown, Project Average Combined Scale Factor 0.999945

STATION	OFFSET	NORTH	EAST
48+46.40	31.50' RL	2,072,773.262	1,054,480.882
48+52.57	34.51' LL	2,072,839.279	1,054,495.638
48+96.39	35.00' RL	2,072,769.624	1,054,530.549
48+99.40	31.42' RL	2,072,775.398	1,054,530.552
49+02.57	34.58' LL	2,072,839.415	1,054,536.838
49+36.39	35.00' RL	2,072,769.871	1,054,570.548

STATION	OFFSET	NORTH	EAST
49+38.40	31.38' RL	2,072,773.505	1,054,570.851
49+76.39	35.00' RL	2,072,769.915	1,054,610.847
49+78.39	37.00' RL	2,072,767.919	1,054,610.545
49+78.90	31.30' RL	2,072,773.617	1,054,610.550
50+16.37	44.00' RL	2,072,769.947	1,054,650.537
50+16.38	34.76' LL	2,072,839.727	1,054,520.447
50+16.39	40.00' RL	2,072,764.947	1,054,650.541
50+16.39	37.00' RL	2,072,767.987	1,054,650.543
50+16.40	31.24' RL	2,072,773.727	1,054,680.548
51+42.55	35.26' LL	2,072,840.379	1,054,776.821
51+50.00	40.00' RL	2,072,765.126	1,054,784.160
51+92.55	35.45' LL	2,072,840.637	1,054,826.820

STATE OF ILLINOIS }
COUNTY OF LAKE }
I, PAULA J. TRIGO, COUNTY ENGINEER OF LAKE COUNTY, ILLINOIS, DO HEREBY CERTIFY THAT THE PLAT HEREON IS A TRUE AND CORRECT REPRESENTATION OF THE SURVEY MADE UNDER MY DIRECTION OF PART OF COUNTY HIGHWAY 45 IN SAID COUNTY.

DATED THIS 12TH DAY OF DECEMBER 2011 A.D.

Paula J. Trigo
COUNTY ENGINEER

**ROUND LAKE BEACH
RENEHAN BEACH
SECOND ADDITION**
Recorded July 5, 1938
as Document No. 451215

**Existing & Proposed Pavement
Washington Street -
E. Line NW 1/4 Sec. 28-45-10**
Sta. 50+16.46
N. 2,072,804.967 - E. 1,054,650.576

**COUNTY HIGHWAY 45
WASHINGTON STREET**
S. Line SW 1/4 Sec. 21-45-10
N. Line NW 1/4 Sec. 28-45-10
N. Line NE 1/4 Sec. 28-45-10

**ROUND LAKE BEACH
RENEHAN BEACH
SECOND ADDITION**
Recorded July 5, 1938
as Document No. 451215

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
0081 E.	TLC Residential Properties, LLC	0.115	N/A	N/A	0.115	0.003	144	Grading	06-28-110-001	
0082 E.	Phil A. Blondet	0.115	N/A	N/A	0.115	0.003	147	Construction Purpose	06-28-110-002	
0084 E.	Sergio Rivera	0.115	N/A	N/A	0.115	0.005	229	Construction Purpose	06-28-110-003	
0085 E.-A 0085 E.-B	Town of Avon, a municipal corporation	3.655	0.361	0.262	3.294	A=0.012 B=0.018	N/A N/A	Grading Driveway Construction	06-28-200-001 06-28-200-009	

REVISION DATE December 11, 2012

REVISION County Engineer Certificate

MADE BY

**PLAT OF HIGHWAYS
LAKE COUNTY
DIVISION OF TRANSPORTATION**
F.A.U. 0187 (WASHINGTON STREET)
SECTION 05-00121-07-WR LAKE COUNTY
PROJECT RS-9003(764) JOB NO. R-91-008-11
STATION 48+00 TO STATION 52+00
SCALE: 1"=20' SHEET 28 OF 33

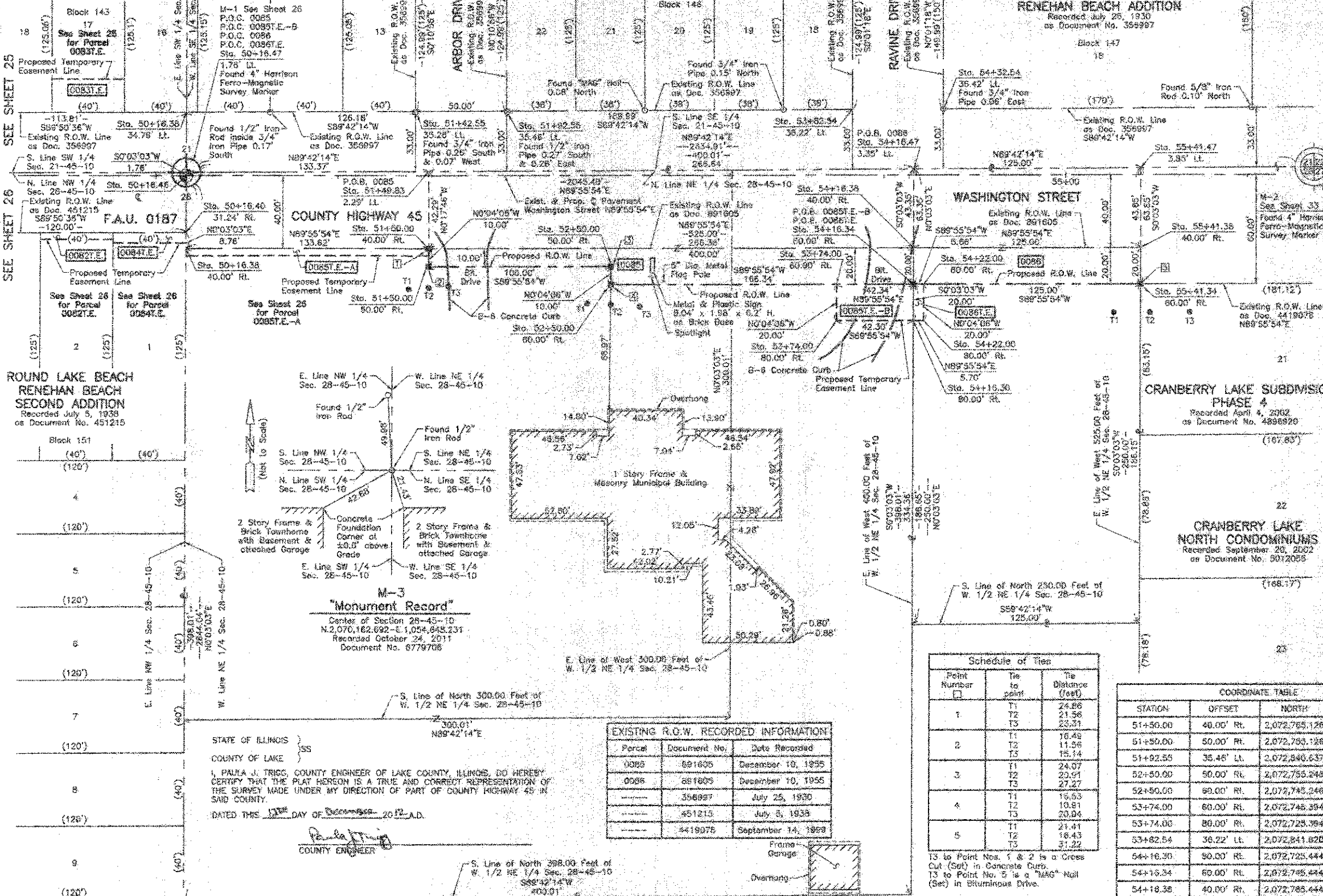
LAKE COUNTY DIVISION OF TRANSPORTATION
600 WEST WINCHESTER ROAD
LIBERTYVILLE, ILLINOIS 60048

PART OF THE SE 1/4 OF SEC. 21 AND PART OF THE NE 1/4 OF SEC. 28, TWP. 45 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

**ROUND LAKE BEACH
RENEHAN BEACH ADDITION**
Recorded July 25, 1930
as Document No. 356997

**ROUND LAKE BEACH
RENEHAN BEACH ADDITION**
Recorded July 25, 1930
as Document No. 356997

**ROUND LAKE BEACH
RENEHAN BEACH ADDITION**
Recorded July 25, 1930
as Document No. 356997



LEGEND

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

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

○ IRON PIPE OR ROD FOUND

⊙ "MAG" NAIL SET

⊕ CUT CROSS FOUND OR SET

⊕ 5/8" REBAR SET

T1, T2, T3 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8" IRON ROD FLUSH WITH GROUND TO BE 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" IRON ROD 20 INCHES BELOW GROUND TO BE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

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

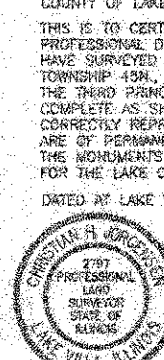
M M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8" IRON METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

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

□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE }
THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 164-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 21, TOWNSHIP 45N., RANGE 10E. AND SECTION 28, TOWNSHIP 45N., RANGE 10E. 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 LAKE COUNTY DIVISION OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 12th DAY OF December, 2012, A.D.



Christian H. Jorgensen
PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE, NOVEMBER 30, 2012
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
Note: Surface Coordinates are Shown, Project Average Combined Scale Factor 0.999946

**M-3
"Monument Record"**
Center of Section 28-45-10
N. 2,070,182.692 - E. 1,054,648.231
Recorded October 24, 2011
Document No. 6779708

EXISTING R.O.W. RECORDED INFORMATION:

Parcel	Document No.	Date Recorded
0085	681805	December 10, 1955
0086	681805	December 10, 1955
---	356997	July 25, 1930
---	451215	July 5, 1938
---	4419976	September 14, 1969

Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	24.86
	T2	21.56
	T3	23.31
2	T1	16.48
	T2	11.56
	T3	15.14
3	T1	24.07
	T2	23.91
	T3	27.27
4	T1	16.53
	T2	10.81
	T3	20.04
5	T1	21.41
	T2	16.43
	T3	31.22

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
50+16.38	34.76' Lt.	2,072,839.727	1,054,850.447
51+50.00	40.00' Rt.	2,072,765.128	1,054,784.180
51+50.00	50.00' Rt.	2,072,765.128	1,054,784.172
51+52.55	35.48' Lt.	2,072,840.537	1,054,826.820
52+50.00	50.00' Rt.	2,072,755.248	1,054,884.172
52+50.00	60.00' Rt.	2,072,745.248	1,054,884.184
53+74.00	60.00' Rt.	2,072,745.248	1,055,008.184
53+74.00	80.00' Rt.	2,072,725.384	1,055,008.208
53+82.54	36.22' Lt.	2,072,841.820	1,055,016.606
54+16.30	90.00' Rt.	2,072,725.444	1,055,050.508
54+16.34	60.00' Rt.	2,072,745.444	1,055,050.524
54+18.38	40.00' Rt.	2,072,765.444	1,055,050.531
54+16.47	3.35' Lt.	2,072,806.795	1,055,050.580
54+22.00	65.00' Rt.	2,072,745.451	1,055,056.184
54+22.00	80.00' Rt.	2,072,725.451	1,055,056.205
54+32.34	35.42' Lt.	2,072,841.878	1,055,086.806
55+41.34	60.00' Rt.	2,072,745.543	1,055,175.524
55+41.38	40.00' Rt.	2,072,765.543	1,055,175.542
55+41.47	3.85' Lt.	2,072,806.441	1,055,175.580

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
50+16.38	34.76' Lt.	2,072,839.727	1,054,850.447
50+16.38	40.00' Rt.	2,072,764.967	1,054,850.511
50+16.40	31.24' Rt.	2,072,773.727	1,054,850.548
50+16.48	6	2,072,804.967	1,054,850.576
50+16.47	1.76' Lt.	2,072,806.727	1,054,850.578
51+42.55	35.26' Lt.	2,072,840.378	1,054,776.821
51+49.83	2.29' Lt.	2,072,807.416	1,054,783.942

STATE OF ILLINOIS }
COUNTY OF LAKE }
I, PAULA J. TRIGGS, COUNTY ENGINEER OF LAKE COUNTY, ILLINOIS, DO HEREBY CERTIFY THAT THE PLAT HEREON IS A TRUE AND CORRECT REPRESENTATION OF THE SURVEY MADE UNDER MY DIRECTION OF PART OF COUNTY HIGHWAY 45 IN SAID COUNTY.

DATED THIS 12th DAY OF December, 2012, A.D.

Paula J. Triggs
COUNTY ENGINEER

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	FART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
0085	Town of Avon, a municipal corporation	3.555	0.381	0.262	3.294	A=0.012 B=0.019	N/A N/A	Grading Driveway Construction	06-28-205-001 06-28-200-009	
0086	Round Lake Area Park District	0.717	0.193	0.125	0.594	0.003	1-4	Grading	06-28-200-013	

REVISION DATE December 11, 2012

REVISION County Engineer Certificate

MADE BY

STATE OF ILLINOIS }
 COUNTY OF LAKE } SS

I, PAULA J. TRIGG, COUNTY ENGINEER OF LAKE COUNTY, ILLINOIS, DO HEREBY CERTIFY THAT THE PLAT HEREON IS A TRUE AND CORRECT REPRESENTATION OF THE SURVEY MADE UNDER MY DIRECTION OF PART OF COUNTY HIGHWAY 45 IN SAID COUNTY.

DATED THIS 12TH DAY OF DECEMBER, 2012 A.D.

Paula J. Trigg
 COUNTY ENGINEER

LEGEND

SECTION CORNER
 QUARTER SECTION CORNER
 SECTION LINE
 QUARTER SECTION LINE
 QUARTER SECTION LINE
 PLATTED LOT LINE
 PROPERTY (BEE) LINE
 APPARENT PROPERTY LINE
 CENTER LINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 PROPOSED EASEMENT
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORD DATA
 EXISTING BUILDING

Scale: 1"=30'

- Bearings and Coordinates are referenced to the Illinois State Plane Coordinate System, NAD 83(2007) East Zone.
- IRON PIPE OR ROD FOUND
 - ⊕ "MAG" NAIL SET
 - + CUT CROSS FOUND OR SET
 - ⊙ 5/8" REBAR SET
 - ⊙ T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8" INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - ⊙ BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION, BURIED 5/8" INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - ⊙ 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. STD 2135 (TO BE SET BY OTHERS)
 - RIGHT OF WAY STAKING PROPOSED TO BE SET.

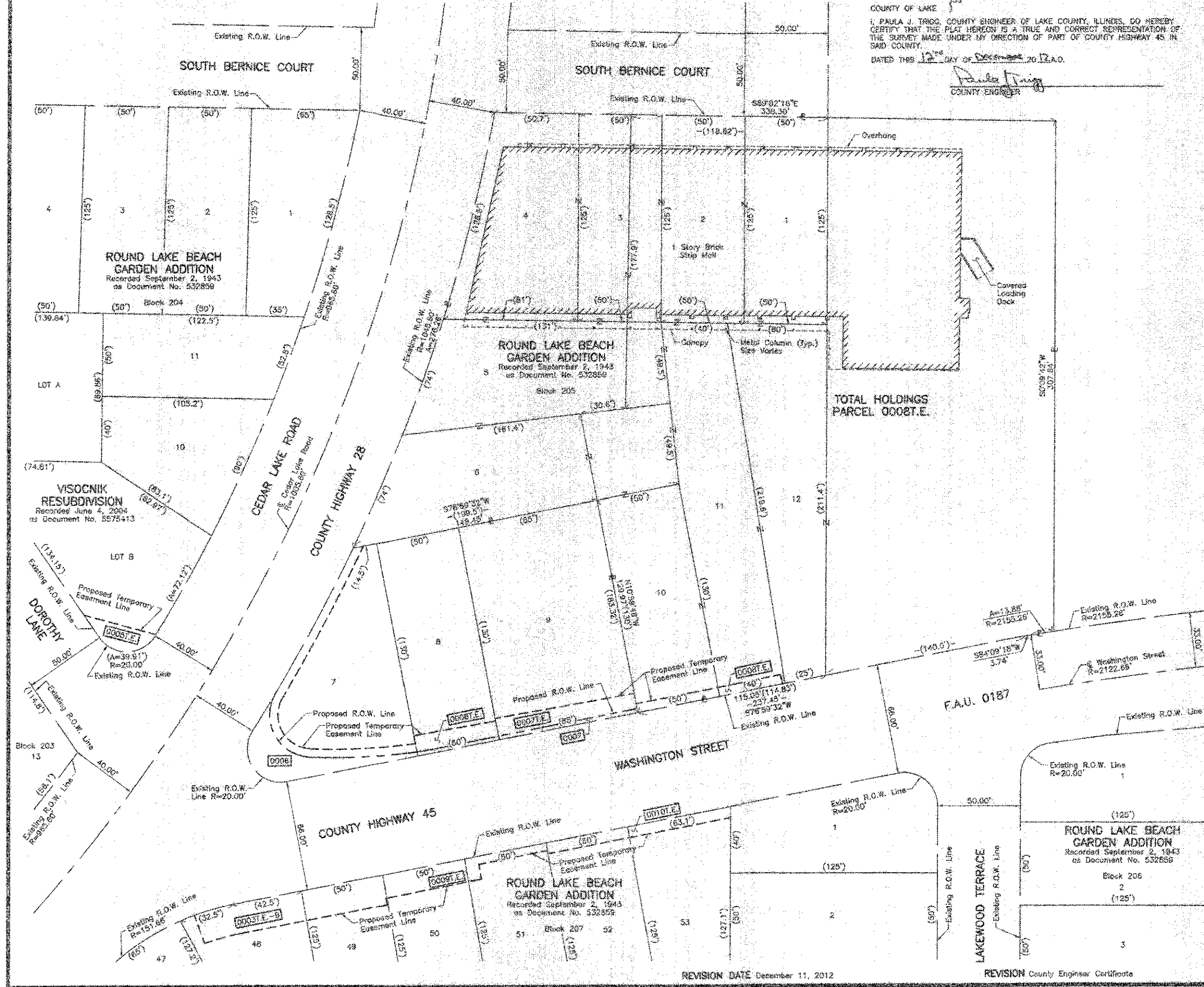
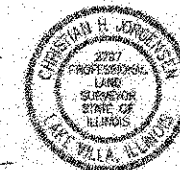
STATE OF ILLINOIS }
 COUNTY OF LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 20, TOWNSHIP 45N., RANGE 10E. 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 LAKE COUNTY DIVISION OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 12TH DAY OF DECEMBER, 2012 A.D.

Christian H. Jorgensen PRESIDENT
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2012

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

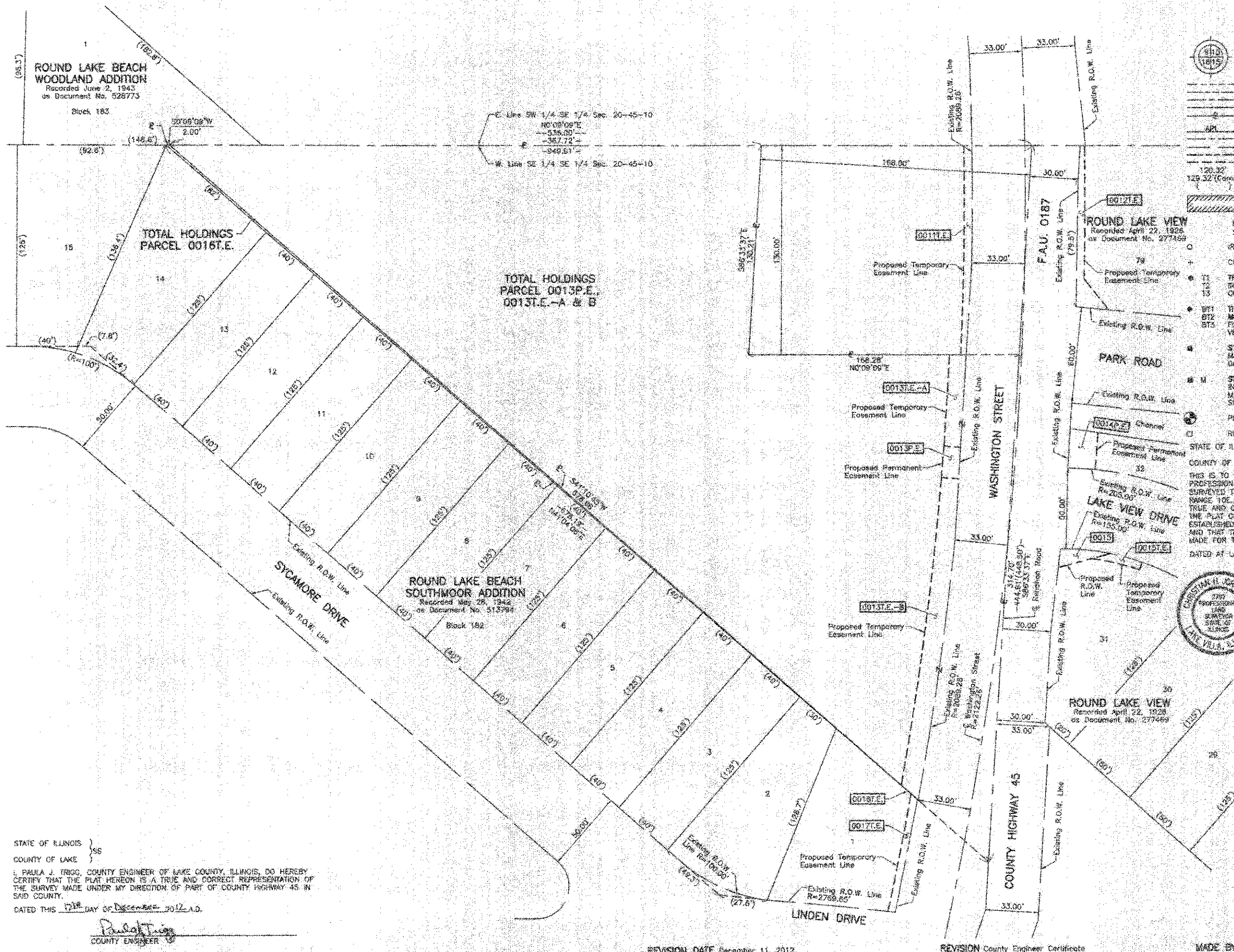


JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 366-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
 LAKE COUNTY
 DIVISION OF TRANSPORTATION
 F.A.U. 0187 (WASHINGTON STREET)
 SECTION 05-00121-07-WR LAKE COUNTY
 PROJECT RS-9003(764) JOB NO. R-81-008-11
 STATION NONE TO STATION
 SCALE: 1"=30' SHEET 28 OF 33

LAKE COUNTY DIVISION OF TRANSPORTATION
 800 WEST WINCHESTER ROAD
 LIBERTYVILLE, ILLINOIS 60048



LEGEND

	SECTION CORNER		QUARTER SECTION CORNER
	SECTION LINE		QUARTER SECTION LINE
	QUARTER SECTION LINE		PLATTED LOT LINE
	PROPERTY (WEED) LINE		APPARENT PROPERTY LINE
	CENTER LINE		EXISTING RIGHT OF WAY LINE
	PROPOSED EASEMENT		PROPOSED RIGHT OF WAY LINE
	MEASURED DIMENSION		COMPUTED DIMENSION
	RECORD DATA		EXISTING BUILDING

Scale: 1"=30'

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

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

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

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

● S 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" IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

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

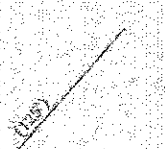
● R RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
 COUNTY OF LAKE }
 THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM, LAND SURVEYING CORPORATIONS, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 20, TOWNSHIP 45N., RANGE 10E., 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 AND MADE FOR THE LAKE COUNTY DIVISION OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 17th DAY OF December 2012, A.D.

Christina H. Jorgensen PRESIDENT
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2012

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



JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60048
 (847) 358-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

**PLAT OF HIGHWAYS
 LAKE COUNTY
 DIVISION OF TRANSPORTATION**
 F.A.U. 0187 (WASHINGTON STREET)
 SECTION 05-00121-07-WR LAKE COUNTY
 PROJECT RS-9003(764) JOB NO. R-91-008-11
 STATION NDNE TO STATION
 SCALE: 1"=30' SHEET 28 OF 33

LAKE COUNTY DIVISION OF TRANSPORTATION
 600 WEST WINCHESTER ROAD
 LIBERTYVILLE, ILLINOIS 60048

STATE OF ILLINOIS }
 COUNTY OF LAKE }
 I, PAULA J. TRIGG, COUNTY ENGINEER OF LAKE COUNTY, ILLINOIS, DO HEREBY CERTIFY THAT THE PLAT HEREON IS A TRUE AND CORRECT REPRESENTATION OF THE SURVEY MADE UNDER MY DIRECTION OF PART OF COUNTY HIGHWAY 45 IN SAID COUNTY.
 DATED THIS 17th DAY OF December 2012, A.D.

Paula J. Trigg
 COUNTY ENGINEER

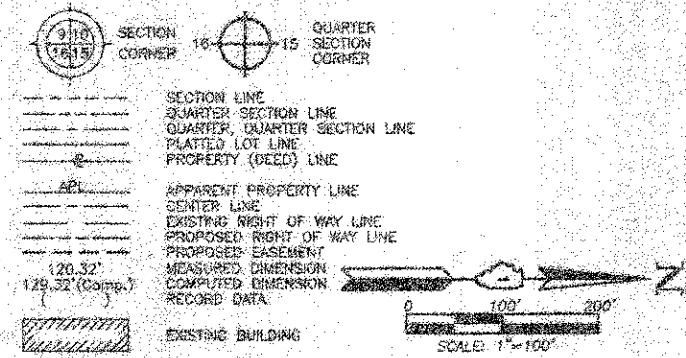
REVISION DATE December 11, 2012

REVISION County Engineer Certificate

MADE BY

STATE OF ILLINOIS }
 COUNTY OF LAKE }
 I, PAULA J. TRIGG, COUNTY ENGINEER OF LAKE COUNTY, ILLINOIS, DO HEREBY CERTIFY THAT THE PLAT HEREON IS A TRUE AND CORRECT REPRESENTATION OF THE SURVEY MADE UNDER MY DIRECTION OF PART OF COUNTY HIGHWAY 45 IN SAID COUNTY.
 DATED THIS 12TH DAY OF DECEMBER, 2012, A.D.
 Paula J. Trigg
 COUNTY ENGINEER

LEGEND



- Bearings and Coordinates are referenced to the Illinois State Plane Coordinate System NAD 83(2007) East Zone.
- O IRON PIPE OR ROD FOUND
 - W "MAG" NAIL SET
 - + CUT CROSS FOUND OR SET
 - 5/8" REBAR SET
 - T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8" HIGH 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" HIGH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS' REGISTRATION NUMBER.
 - BT2
 - BT3
 - M STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS' REGISTRATION NUMBER.
 - M
 - M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8" HIGH IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS' REGISTRATION NUMBER.
 - P PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
 - R RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
 COUNTY OF LAKE }
 THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM, LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 20, TOWNSHIP 45N., RANGE 10E., AND SECTION 21, TOWNSHIP 45N., RANGE 10E., 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 LAKE COUNTY DIVISION OF TRANSPORTATION, STATE OF ILLINOIS.
 DATED AT LAKE VILLA, ILLINOIS THIS 22ND DAY OF DECEMBER, 2012, A.D.
 Christopher R. Jorgensen, PRESIDENT
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2737
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2012
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
 Note: Surface Coordinates are Shown, Project Average Combined Scale Factor 0.999945

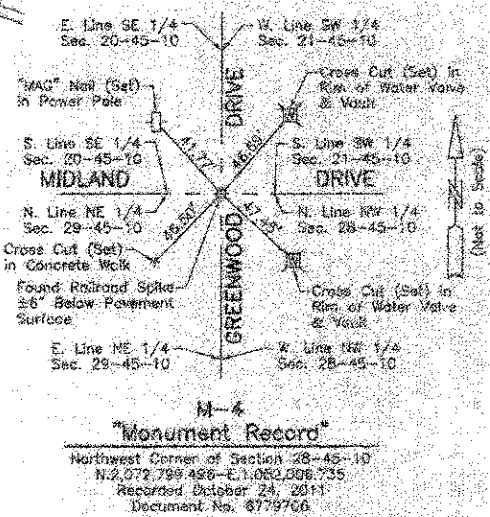
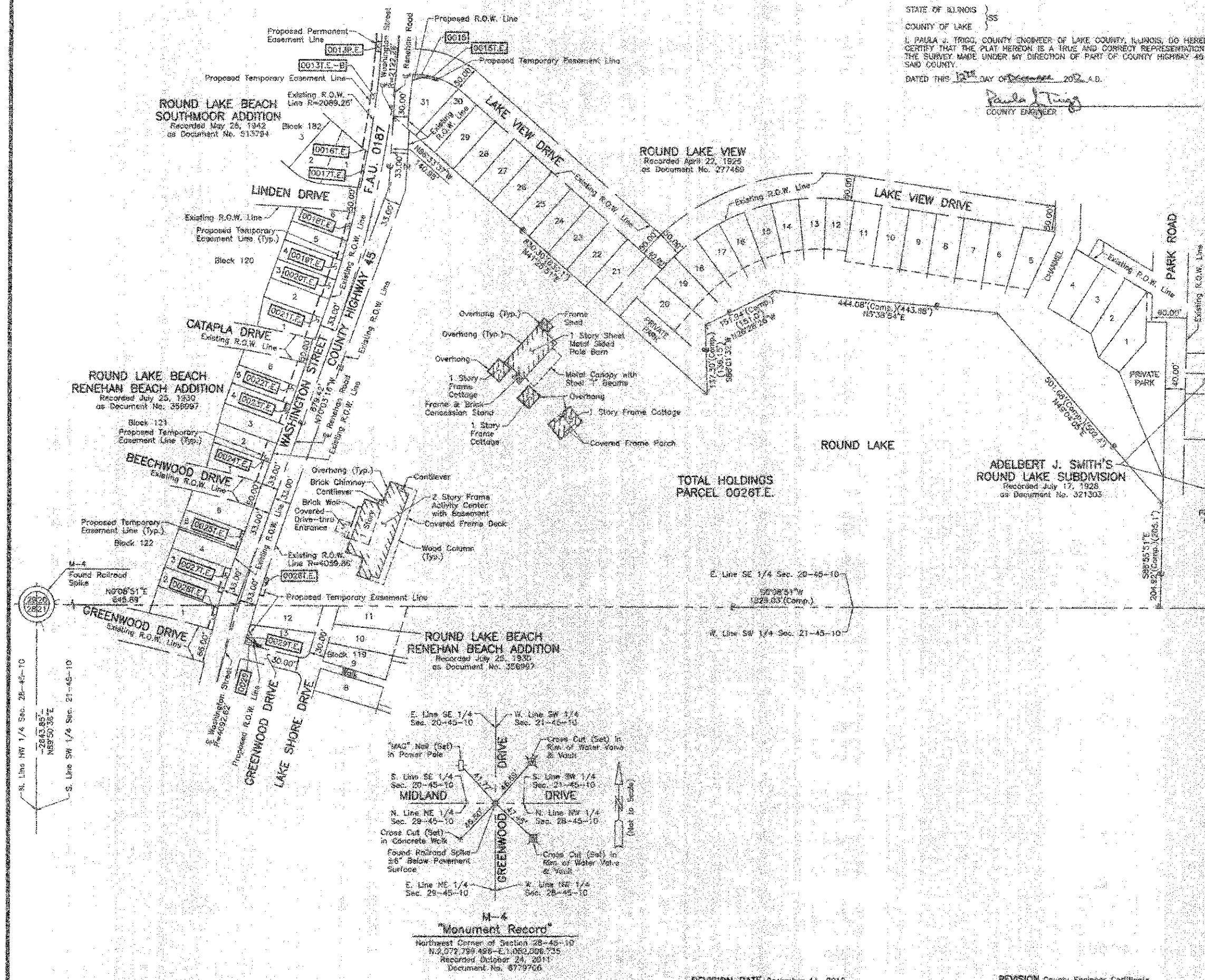


JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 366-3371

SHEET 1 IS A COVER
 SHEET AND IS NOT RECORDED.

**PLAT OF HIGHWAYS
 LAKE COUNTY
 DIVISION OF TRANSPORTATION**
 F.A.U. 0187 (WASHINGTON STREET)
 SECTION 05-00121-07-WR LAKE COUNTY
 PROJECT RS-9003(764) JOB NO. R-91-008-11
 STATION NONE TO STATION
 SCALE: 1"=100' SHEET 30 OF 33

LAKE COUNTY DIVISION OF TRANSPORTATION
 600 WEST WINCHESTER ROAD
 LIBERTYVILLE, ILLINOIS 60048



STATE OF ILLINOIS }
 COUNTY OF LAKE }
 I, PAULA J. TRIGG, COUNTY ENGINEER OF LAKE COUNTY, ILLINOIS, DO HEREBY
 CERTIFY THAT THE PLAT HEREON IS A TRUE AND CORRECT REPRESENTATION OF
 THE SURVEY MADE UNDER MY DIRECTION OF PART OF COUNTY HIGHWAY 45 IN
 SAID COUNTY.
 DATED THIS 12TH DAY OF DECEMBER, 2012, A.D.

Paula J. Trigg
 COUNTY ENGINEER

LEGEND

SECTION CORNER 15
 QUARTER SECTION CORNER

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

APPEARANT PROPERTY LINE
 CENTER LINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 PROPOSED EASEMENT

129.32'
 129.32 (Comp.)
 COMPUTED DIMENSION
 RECORD DATA

EXISTING BUILDING

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

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

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

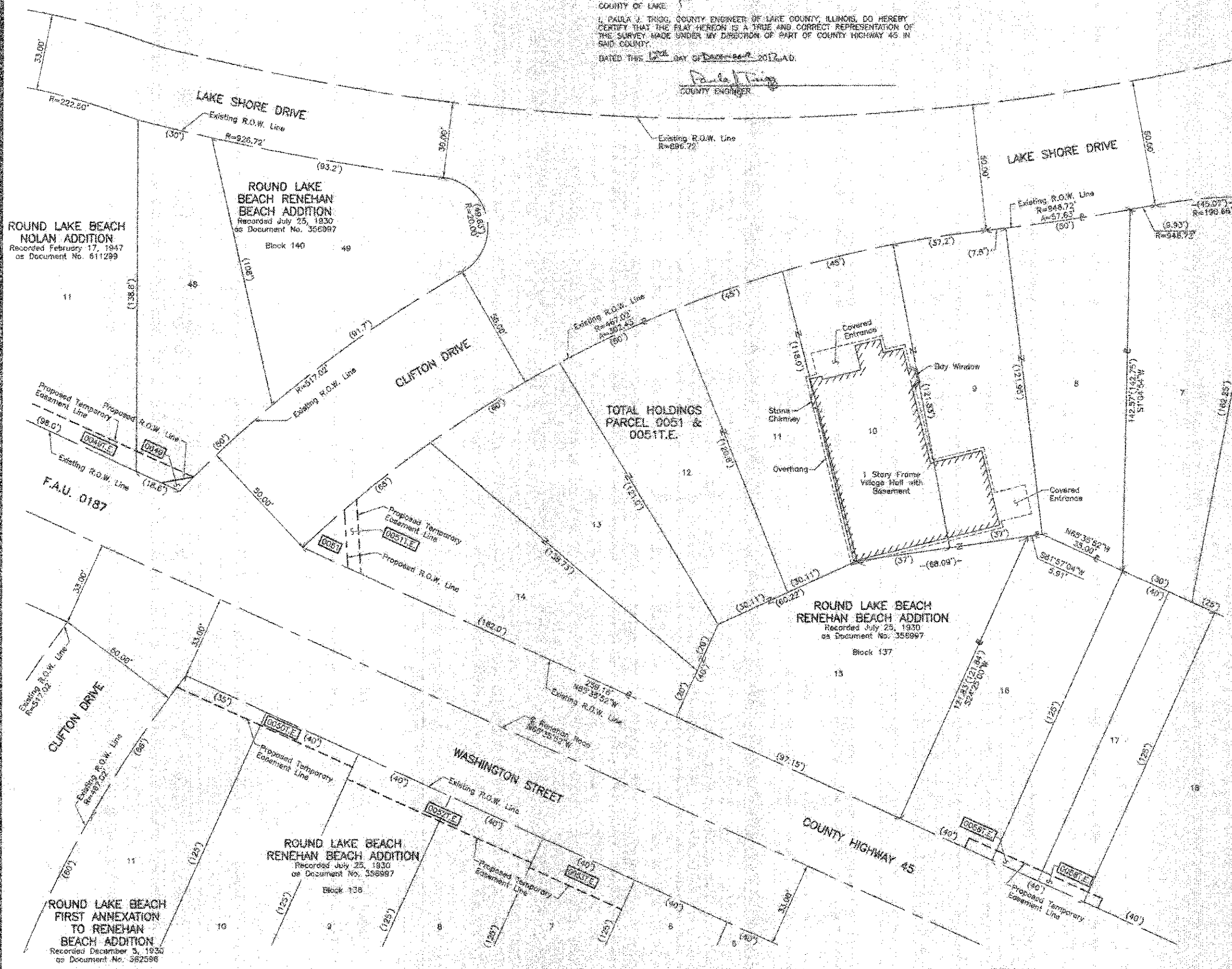
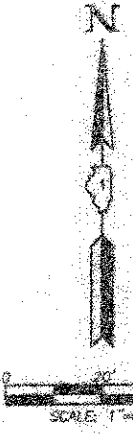
● BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION, BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 ● BT2
 ● BT3

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

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

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

○ RIGHT OF WAY STAKING PROPOSED TO BE SET.



STATE OF ILLINOIS }
 COUNTY OF LAKE }
 THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM, LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 21, TOWNSHIP 45N., RANGE 10E., 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 LAKE COUNTY DIVISION OF TRANSPORTATION, STATE OF ILLINOIS.
 DATED AT LAKE VILLA, ILLINOIS THIS 12TH DAY OF DECEMBER, 2012, A.D.

Christina J. Jorgensen PRESIDENT
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2787
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2012

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

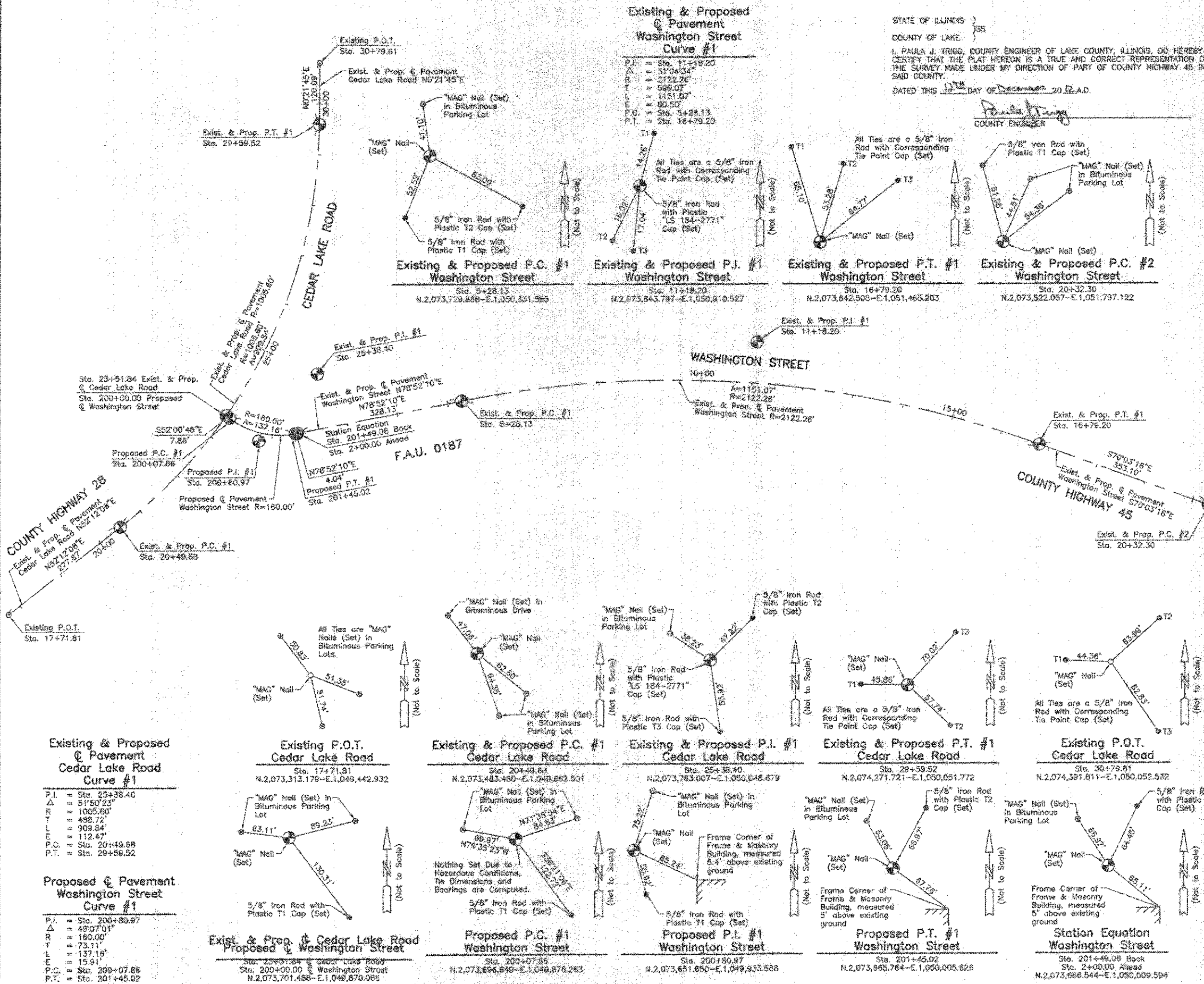
STATE OF ILLINOIS }
 COUNTY OF LAKE }
 JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60048
 (847) 355-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.



PLAT OF HIGHWAYS
 LAKE COUNTY
 DIVISION OF TRANSPORTATION
 F.A.U. 0187 (WASHINGTON STREET)
 SECTION 05-00121-07-WR LAKE COUNTY
 PROJECT R5-6003(784) JOB NO. R-91-008-11
 STATION NONE TO STATION
 SCALE: 1"=20' SHEET 31 OF 33

LAKE COUNTY DIVISION OF TRANSPORTATION
 600 WEST WINCHESTER ROAD
 LIBERTYVILLE, ILLINOIS 60048



STATE OF ILLINOIS }
 COUNTY OF LAKE }
 I, PAULA J. TRIGG, COUNTY ENGINEER OF LAKE COUNTY, ILLINOIS, DO HEREBY CERTIFY THAT THE PLAT HEREON IS A TRUE AND CORRECT REPRESENTATION OF THE SURVEY MADE UNDER MY DIRECTION OF PART OF COUNTY HIGHWAY 45 IN SAID COUNTY.
 DATED THIS 12TH DAY OF December 2012 A.D.

LEGEND

SECTION CORNER 16 15 QUARTER SECTION CORNER

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

APPARENT PROPERTY LINE
 CENTER LINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 PROPOSED EASEMENT

120.32
 128.32 (Comp.)
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORD DATA

EXISTING BUILDING

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

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

● T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8" INCH IRON ROD FLUSH WITH GROUND TO 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 MARKERS TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION (DATA AND SURVEYORS REGISTRATION NUMBER).

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

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

□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
 COUNTY OF LAKE }

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 26, TOWNSHIP 45N, RANGE 10E, 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 LAKE COUNTY DIVISION OF TRANSPORTATION, STATE OF ILLINOIS.
 DATED AT LAKE VILLA, ILLINOIS THIS 12TH DAY OF December 2012 A.D.

CHRISTIAN H. JORGENSEN
 2787
 PROFESSIONAL
 LAND SURVEYOR
 STATE OF ILLINOIS
 LAKE VILLA, ILLINOIS

Christian H. Jorgensen PRESIDENT
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE NOVEMBER 30, 2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
 Note: Surface Coordinates are Shown. Project Average Combined Scale Factor 0.999948

Existing & Proposed Pavement Cedar Lake Road Curve #1
 P.I. = Sta. 25+38.40
 Δ = 51°50'23"
 R = 1025.60'
 T = 485.72'
 L = 909.84'
 E = 112.47'
 P.C. = Sta. 20+49.88
 P.T. = Sta. 29+59.52

Proposed Pavement Washington Street Curve #1
 P.I. = Sta. 200+80.97
 Δ = 49°07'01"
 R = 180.00'
 T = 73.11'
 L = 137.19'
 E = 15.91'
 P.C. = Sta. 200+07.86
 P.T. = Sta. 201+45.02

Exist. & Prop. Cedar Lake Road Proposed Washington Street
 Sta. 23+31.84 & Cedar Lake Road
 Sta. 200+00.00 & Washington Street
 N.2,073,701.486 - E.1,049,870.985

Existing & Proposed P.C. #1 Cedar Lake Road
 Sta. 20+49.88
 N.2,073,483.480 - E.1,049,669.501

Existing & Proposed P.I. #1 Cedar Lake Road
 Sta. 25+38.40
 N.2,073,783.007 - E.1,050,048.679

Proposed P.C. #1 Washington Street
 Sta. 200+07.86
 N.2,073,656.840 - E.1,049,876.263

Existing & Proposed P.T. #1 Cedar Lake Road
 Sta. 29+59.52
 N.2,074,271.721 - E.1,050,051.772

Existing & Proposed P.I. #1 Washington Street
 Sta. 200+80.97
 N.2,073,651.850 - E.1,049,933.588

Proposed P.T. #1 Washington Street
 Sta. 201+45.02
 N.2,073,985.764 - E.1,050,005.825

Existing P.O.T. Cedar Lake Road Curve #1
 Sta. 17+71.81
 N.2,073,313.179 - E.1,049,442.932

Existing & Proposed P.C. #1 Cedar Lake Road
 Sta. 20+49.88
 N.2,073,666.544 - E.1,050,009.594

Station Equation Washington Street
 Sta. 201+49.06 Back
 Sta. 2+00.00 Ahead

PART OF THE SE 1/4 OF SEC. 20, PART OF THE SOUTH 1/2 OF SEC. 21 AND PART OF THE NORTH 1/2 OF SEC. 28, TWP. 45 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

**Existing & Proposed
Pavement
Washington Street
Curve #2**

P.I. = Sta. 22+57.06
 Δ = 6°17'12"
 R = 4082.66'
 T = 224.76'
 L = 449.06'
 E = 6.17'
 P.C. = Sta. 20+32.30
 P.T. = Sta. 24+81.36

**Existing & Proposed
Pavement
Washington Street
Curve #3**

P.I. = Sta. 28+17.11
 Δ = 10°46'08"
 R = 1432.70'
 T = 139.03'
 L = 269.27'
 E = 6.38'
 P.C. = Sta. 26+52.08
 P.T. = Sta. 29+51.35

**Existing & Proposed
Pavement
Washington Street
Curve #4**

P.I. = Sta. 40+47.71
 Δ = 24°28'44"
 R = 1146.28'
 T = 248.24'
 L = 490.07'
 E = 26.79'
 P.C. = Sta. 37+98.87
 P.T. = Sta. 42+88.94

STATE OF ILLINOIS }
 COUNTY OF LAKE }
 I, PAULA J. TRIGG, COUNTY ENGINEER OF LAKE COUNTY, ILLINOIS, DO HEREBY
 CERTIFY THAT THE PLAT HEREON IS A TRUE AND CORRECT REPRESENTATION OF
 THE SURVEY MADE UNDER MY DIRECTION OF PART OF COUNTY HIGHWAY 45 IN
 SAID COUNTY.
 DATED THIS 12th DAY OF December, 2011 A.D.

LEGEND

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

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

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

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

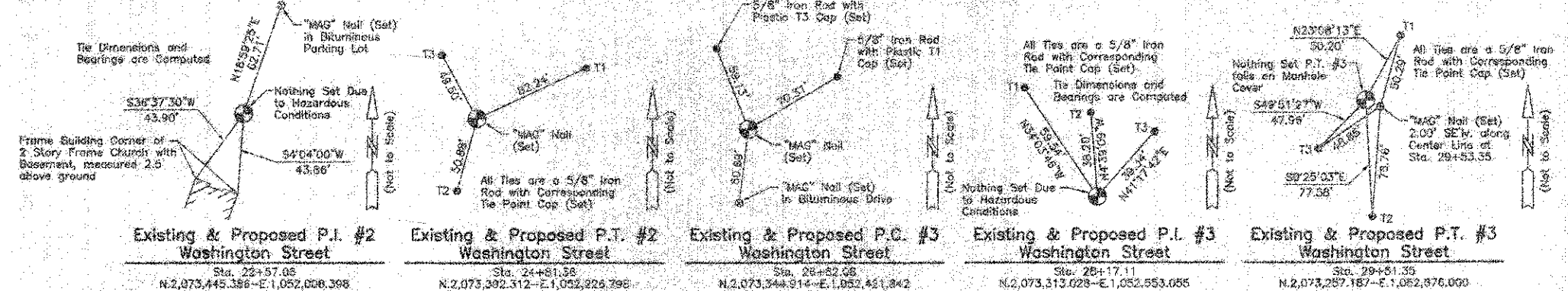
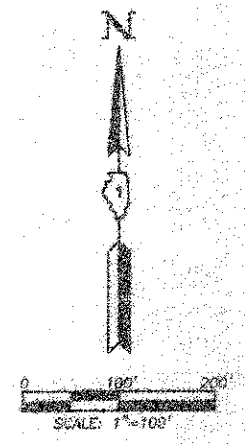
● BT1 THESE STAKES IN CULTIVATED AREAS REFERENCE FOUND OR SET MONI-
 MENTATION BURIED 5/8" INCH IRON ROD 20 INCHES BELOW GROUND TO THE
 FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SUR-
 VEYORS REGISTRATION NUMBER.

● W 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"
 IRON METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY
 MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING
 SURVEYORS REGISTRATION NUMBER.

● PERMANENT SURVEY MARKER I.D.O.T STD 2139 (TO BE SET BY OTHERS)

□ RIGHT OF WAY STAKING PROPOSED TO BE SET.



**M-2
"Monument Record"**

Northeast Corner of Section 28-45-10
 N.2,072,820.348-E.1,057,282.457
 Recorded October 24, 2011
 Document No. 6778706



STATE OF ILLINOIS }
 COUNTY OF LAKE }
 THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS
 PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771,
 LICENSE EXPIRATION DATE NOVEMBER 30, 2012
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT
 ILLINOIS SURVEYING STANDARDS FOR A BOUNDARY SURVEY.
 Note: Surface Coordinates are Shown, Project
 Average Combined Scale Factor 0.999958

**PLAT OF HIGHWAYS
LAKE COUNTY
DIVISION OF TRANSPORTATION**

F.A.U. 0187 (WASHINGTON STREET)
 SECTION 05-00121-07-WR LAKE COUNTY
 PROJECT RS-9003(764) JOB NO. R-91-008-11
 STATION 20+00 TO STATION 63+34.34
 SCALE: 1"=100' SHEET 33 OF 33

LAKE COUNTY DIVISION OF TRANSPORTATION
 600 WEST WINCHESTER ROAD
 LIBERTYVILLE, ILLINOIS 60048

CEDAR LAKE ROAD
 PR CURVE PR CLR C1
 PI STA = 25+38.40
 $\Delta = 51^\circ 50' 23''$ (LT)
 $D = 5^\circ 41' 52''$
 $R = 1,005.60'$
 $T = 488.72'$
 $L = 909.84'$
 $E = 112.47'$
 PC STA = 20+49.68
 PT STA = 29+59.52

WASHINGTON STREET
 PR CURVE C1
 PI STA = 200+80.98
 $\Delta = 49^\circ 07' 01''$ (LT)
 $D = 35^\circ 48' 36''$
 $R = 166.00'$
 $T = 73.11'$
 $L = 137.16'$
 $E = 15.91'$
 PC STA = 200+07.86
 PT STA = 201+45.02

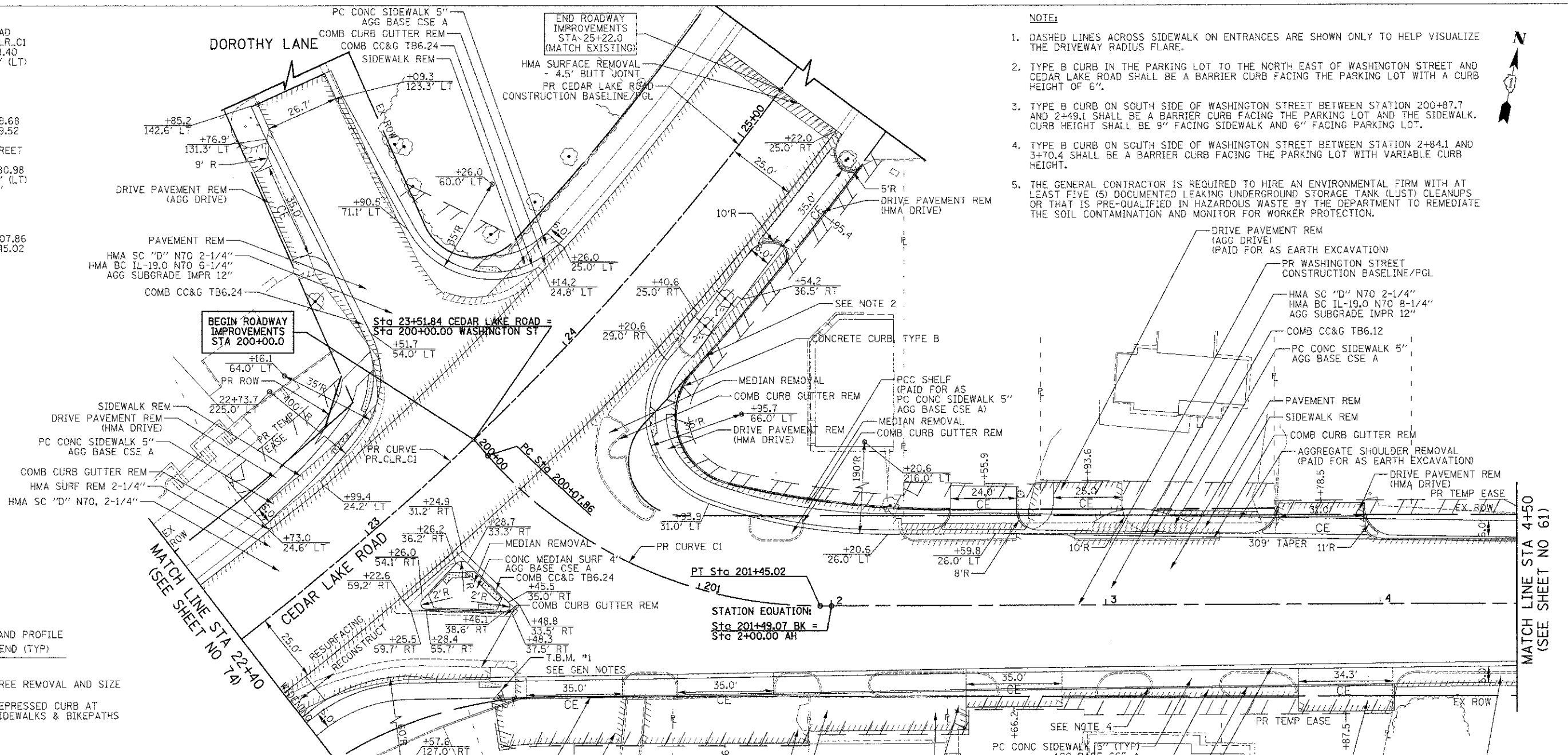
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BY	
REVISION	
NO.	
DESCRIPTION	
DATE	
BY	
REVISION	
NO.	
DESCRIPTION	
DATE	
BY	
REVISION	
NO.	
DESCRIPTION	

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BY	
REVISION	
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DATE	
BY	
REVISION	
NO.	
DESCRIPTION	

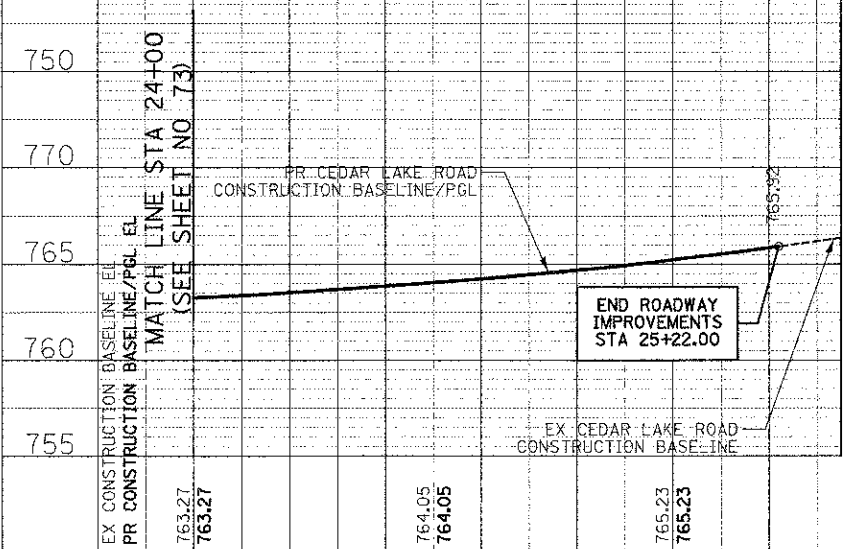
PLAN AND PROFILE
LEGEND (TYP)

- 8" TREE REMOVAL AND SIZE
- DEPRESSED CURB AT SIDEWALKS & BIKEPATHS

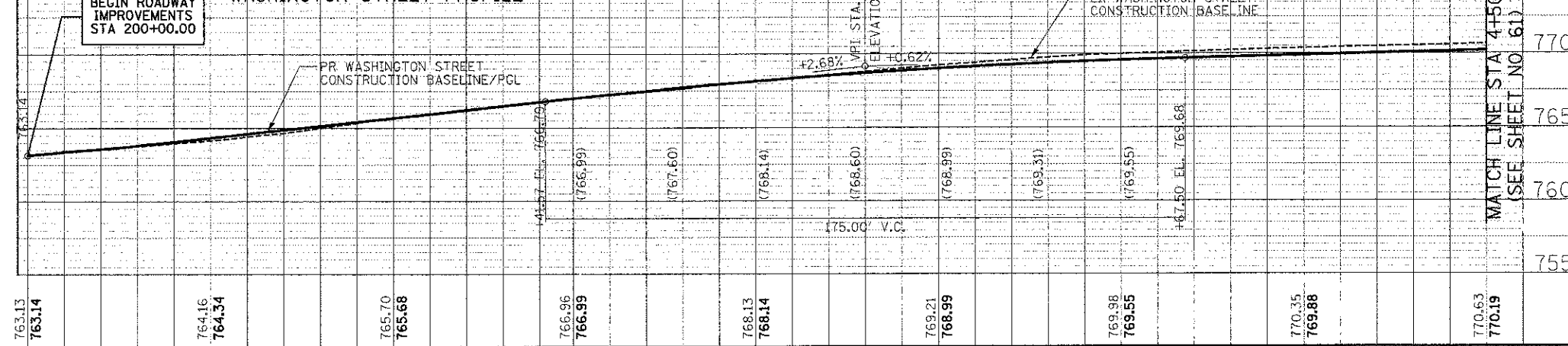
- NOTE:
- DASHED LINES ACROSS SIDEWALK ON ENTRANCES ARE SHOWN ONLY TO HELP VISUALIZE THE DRIVEWAY RADIUS FLARE.
 - TYPE B CURB IN THE PARKING LOT TO THE NORTH EAST OF WASHINGTON STREET AND CEDAR LAKE ROAD SHALL BE A BARRIER CURB FACING THE PARKING LOT WITH A CURB HEIGHT OF 6".
 - TYPE B CURB ON SOUTH SIDE OF WASHINGTON STREET BETWEEN STATION 200+87.7 AND 2+49.1 SHALL BE A BARRIER CURB FACING THE PARKING LOT AND THE SIDEWALK. CURB HEIGHT SHALL BE 9" FACING SIDEWALK AND 6" FACING PARKING LOT.
 - TYPE B CURB ON SOUTH SIDE OF WASHINGTON STREET BETWEEN STATION 2+84.1 AND 3+70.4 SHALL BE A BARRIER CURB FACING THE PARKING LOT WITH VARIABLE CURB HEIGHT.
 - THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK (LUST) CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.



CEDAR LAKE ROAD PROFILE



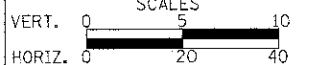
WASHINGTON STREET PROFILE



450 E Devon Ave, Suite 300
 Itasca, Illinois 60143
 Tel: 630.773.3900 Fax: 630.773.3975
 www.civiltechinc.com

DESIGNED - PK	REVISED -
DRAWN - JRR	REVISED -
CHECKED - RTM	REVISED -
DATE - 12/17/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



PLAN AND PROFILE

SHEET NO. 1 OF 15 SHEETS STA. 200+00 TO STA. 4+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0187	05-00121-07-WR	LAKE	223	60
CONTRACT NO. 63765				



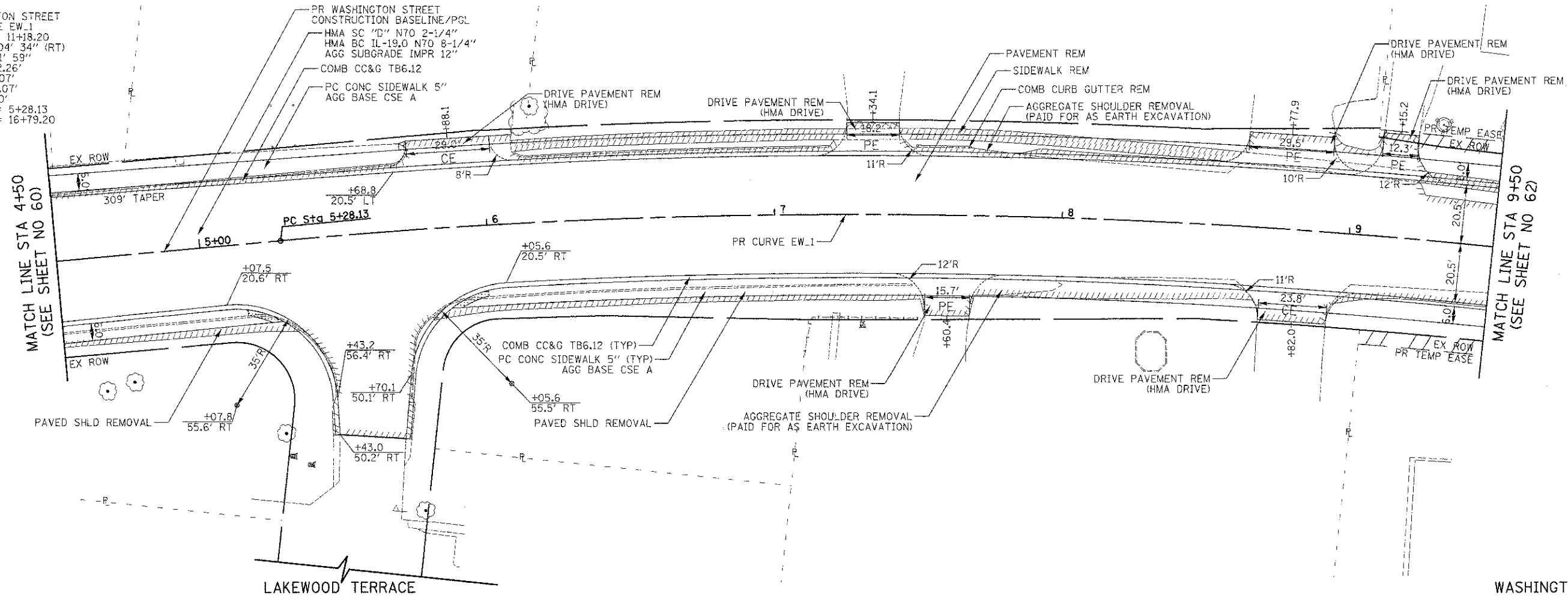
WASHINGTON STREET
 PR CURVE EW.1
 PI STA = 11+18.20
 $\Delta = 31^\circ 04' 34''$ (RT)
 $D = 2^\circ 41' 59''$
 $R = 2,122.26'$
 $T = 590.07'$
 $L = 1,151.07'$
 $E = 80.50'$
 PC STA = 5+28.13
 PT STA = 16+79.20

DATE	
BY	
CHECKED	
DESIGNED	
PLANNED	
NOTED	
NO. OF SHEETS	
AREAS CHECKED	

DATE	
BY	
CHECKED	
DESIGNED	
PLANNED	
NOTED	
NO. OF SHEETS	
AREAS CHECKED	

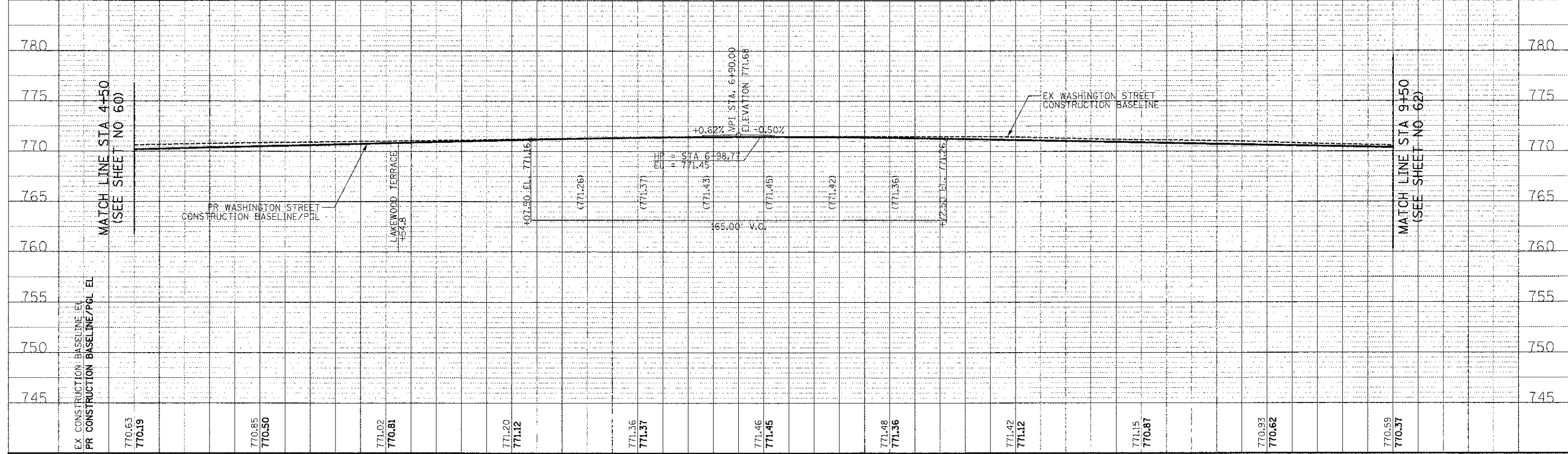
MATCH LINE STA 4+50
 (SEE SHEET NO 60)

MATCH LINE STA 9+50
 (SEE SHEET NO 62)



LAKWOOD TERRACE

WASHINGTON STREET

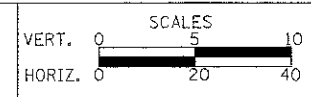


CIVILTECH
 450 E Devon Ave, Suite 300
 Itasca, Illinois 60143
 Tel: 630.773.3900 Fax: 630.773.3975
 www.civiltechinc.com

DESIGNED - PK
 DRAWN - JRR
 CHECKED - RTM
 DATE - 12/17/2012

REVISÉ -
 REVISÉ -
 REVISÉ -
 REVISÉ -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION



PLAN AND PROFILE

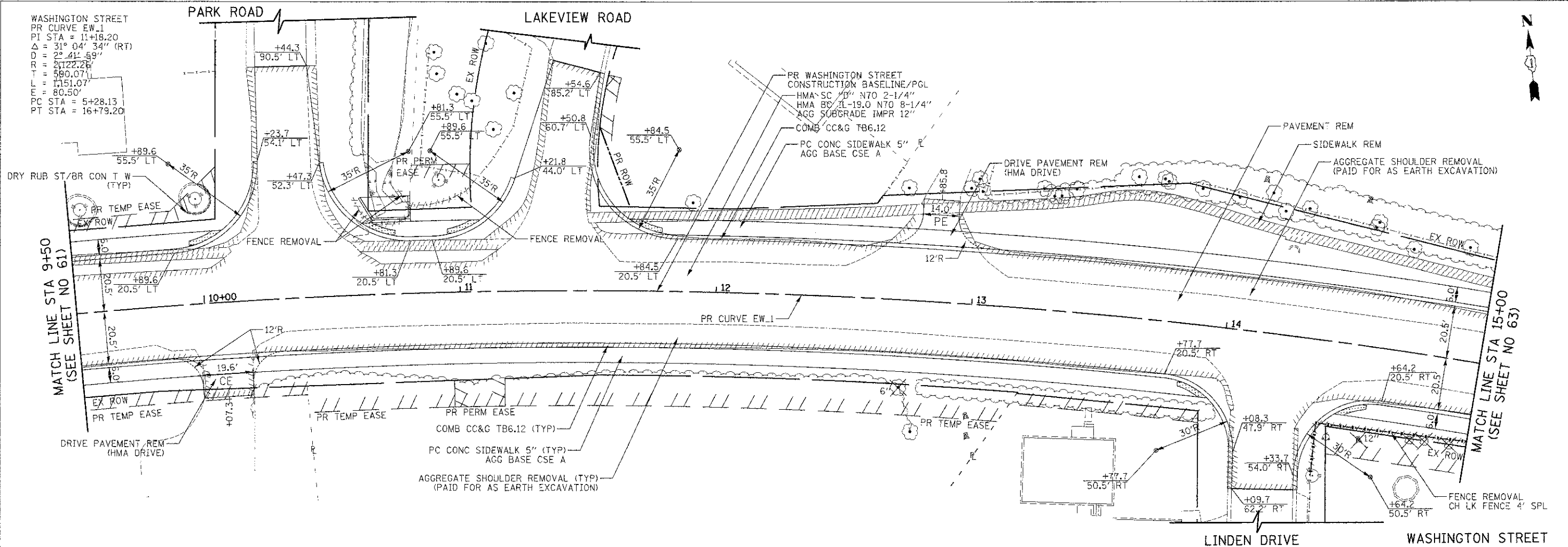
SHEET NO. 2 OF 15 SHEETS STA. 4+50 TO STA. 9+50

F.A.I. R.F.E. 0187	SECTION 05-00121-07-WR	COUNTY LAKE	TOTAL SHEETS 223	SHEET NO. 61
CONTRACT NO. 63765				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

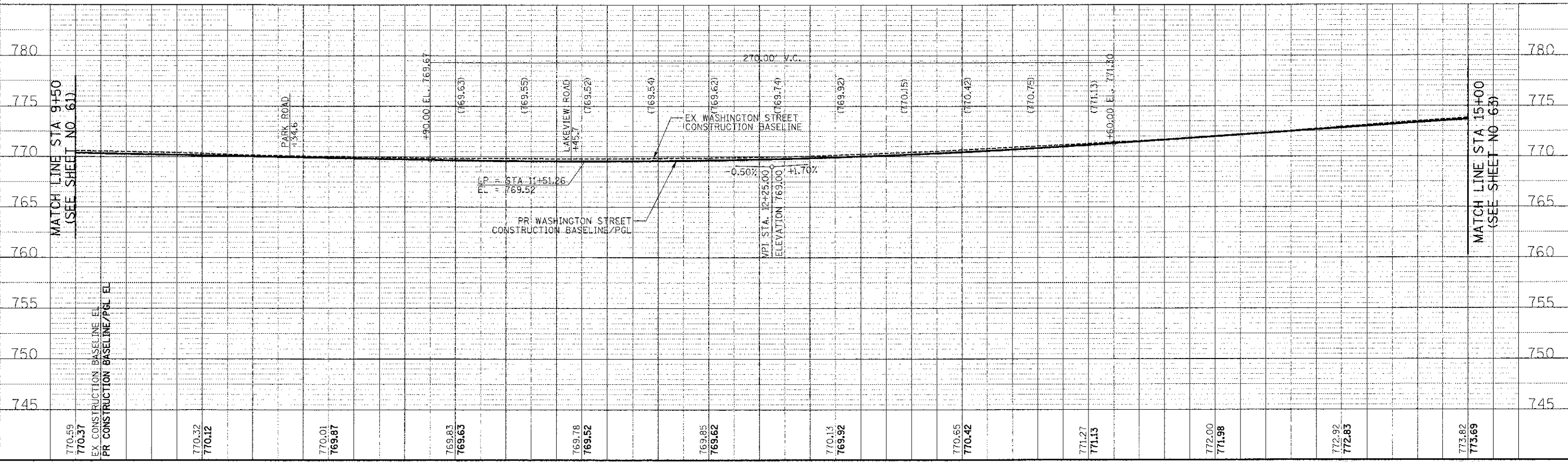


WASHINGTON STREET
 PR CURVE EW.1
 PI STA = 11+18.20
 $\Delta = 31^\circ 04' 34''$ (RT)
 $D = 314.59'$
 $R = 2122.26'$
 $L = 590.07'$
 $E = 1151.07'$
 $F = 80.50'$
 PC STA = 5+28.13
 PT STA = 16+79.20

DATE	
BY	
ORIGINAL SURVEY	
DESIGNED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	



DATE	
BY	
ORIGINAL SURVEY	
DESIGNED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	



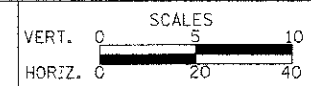
770.59 770.37	770.32 770.12	770.01 769.81	769.83 769.63	769.78 769.52	769.85 769.62	770.13 769.92	770.65 770.42	771.27 771.13	772.00 771.98	772.92 772.85	773.62 773.69
9+50	10+00	10+50	11+00	11+50	12+00	12+50	13+00	13+50	14+00	14+50	15+00

CIVILTECH
 450 E Devon Ave, Suite 300
 Itasca, Illinois 60143
 Tel: 630.773.3900 Fax: 630.773.3975
 www.civiltechinc.com

DESIGNED - PK
 DRAWN - JRR
 CHECKED - RTM
 DATE - 12/17/2012

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**



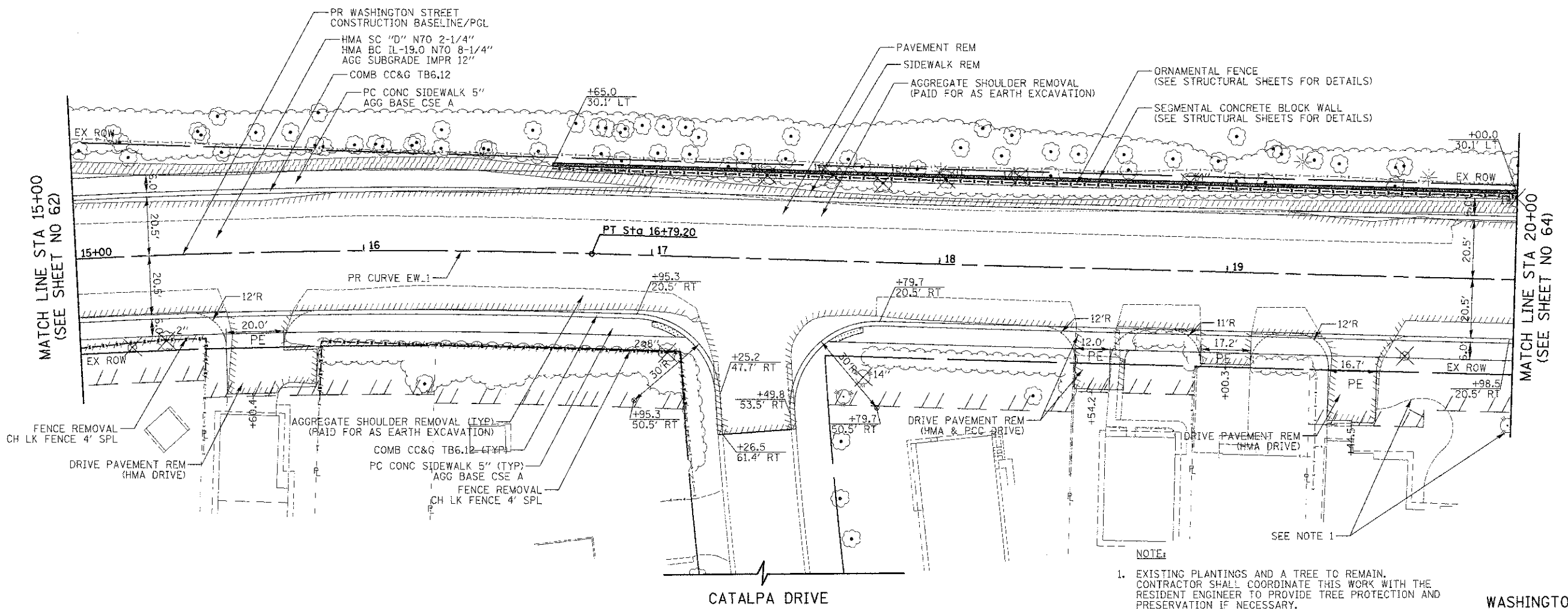
PLAN AND PROFILE

SHEET NO. 3 OF 15 SHEETS STA. 9+50 TO STA. 15+00

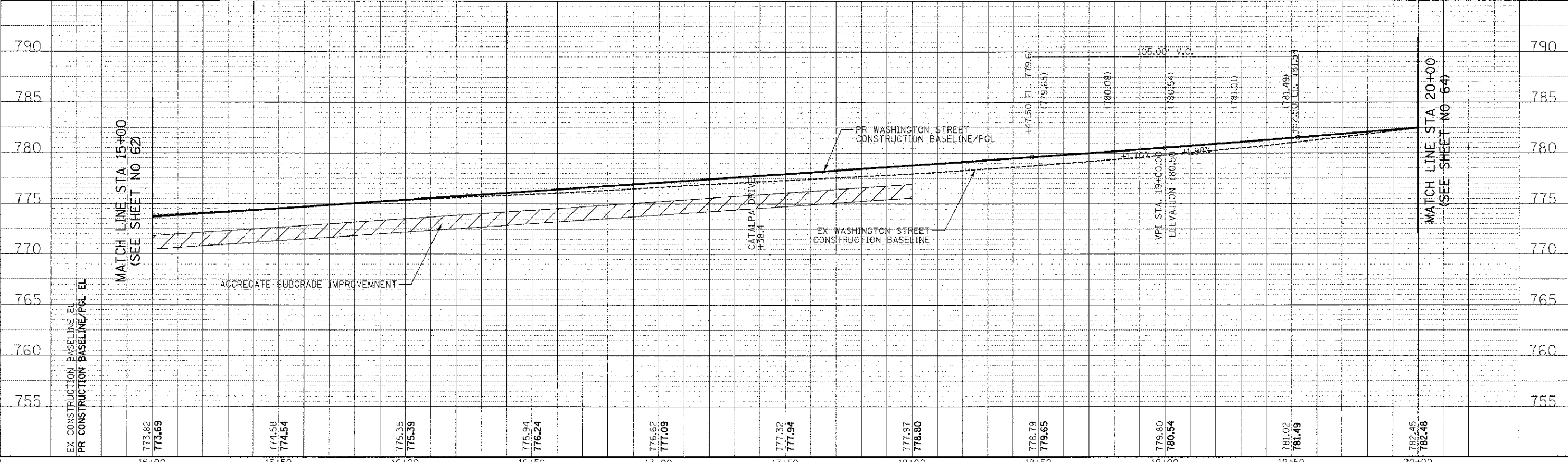
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0187	05-00121-07-WR	LAKE	223	62
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63765	

DATE	
BY	
SURVEYED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



NOTE:
 1. EXISTING PLANTINGS AND A TREE TO REMAIN. CONTRACTOR SHALL COORDINATE THIS WORK WITH THE RESIDENT ENGINEER TO PROVIDE TREE PROTECTION AND PRESERVATION IF NECESSARY.



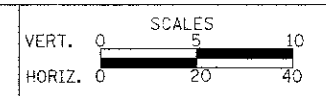
15+00	15+50	16+00	16+50	17+00	17+50	18+00	18+50	19+00	19+50	20+00
773.82 773.69	774.58 774.54	775.35 775.39	775.94 776.24	776.62 777.09	777.32 777.94	777.97 778.80	778.79 779.65	779.80 780.54	781.02 781.49	782.45 782.48

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**



PLAN AND PROFILE

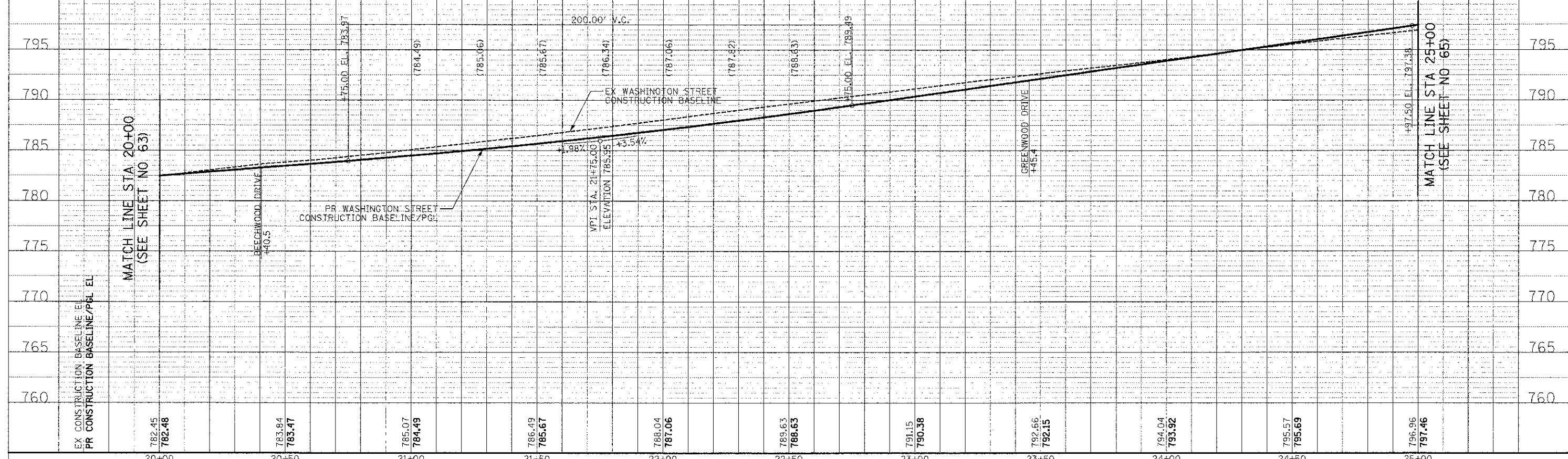
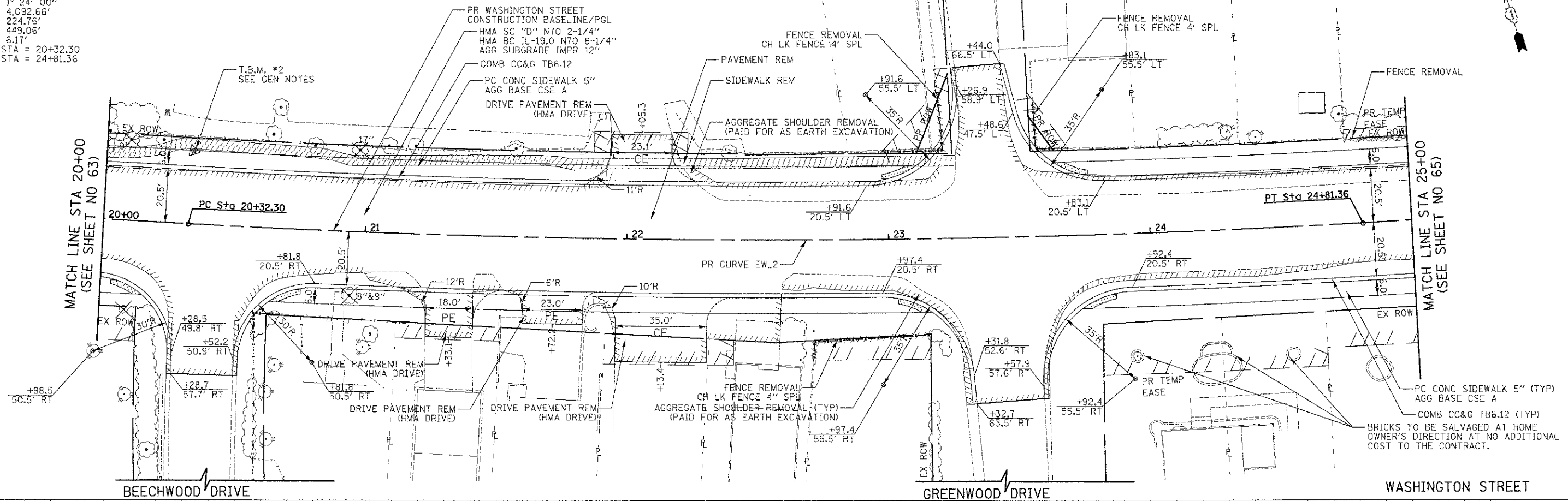
SHEET NO. 4 OF 15 SHEETS STA. 15+00 TO STA. 20+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0187	05-00121-07-WR	LAKE	223	63
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63765	

WASHINGTON STREET
 PR CURVE EW.2
 PI STA = 22+57.06
 $\Delta = 6^\circ 17' 12''$ (LT)
 $D = 1^\circ 24' 00''$
 $R = 4,092.66'$
 $L = 224.76'$
 $E = 449.06'$
 $C = 6.17'$
 PC STA = 20+32.30
 PT STA = 24+81.36

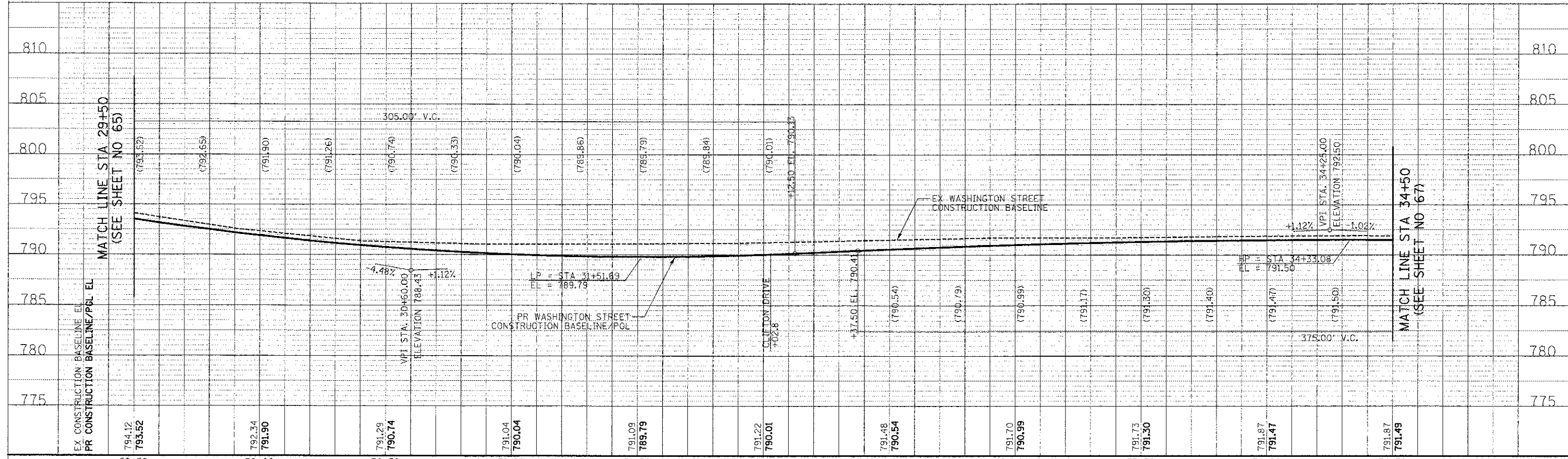
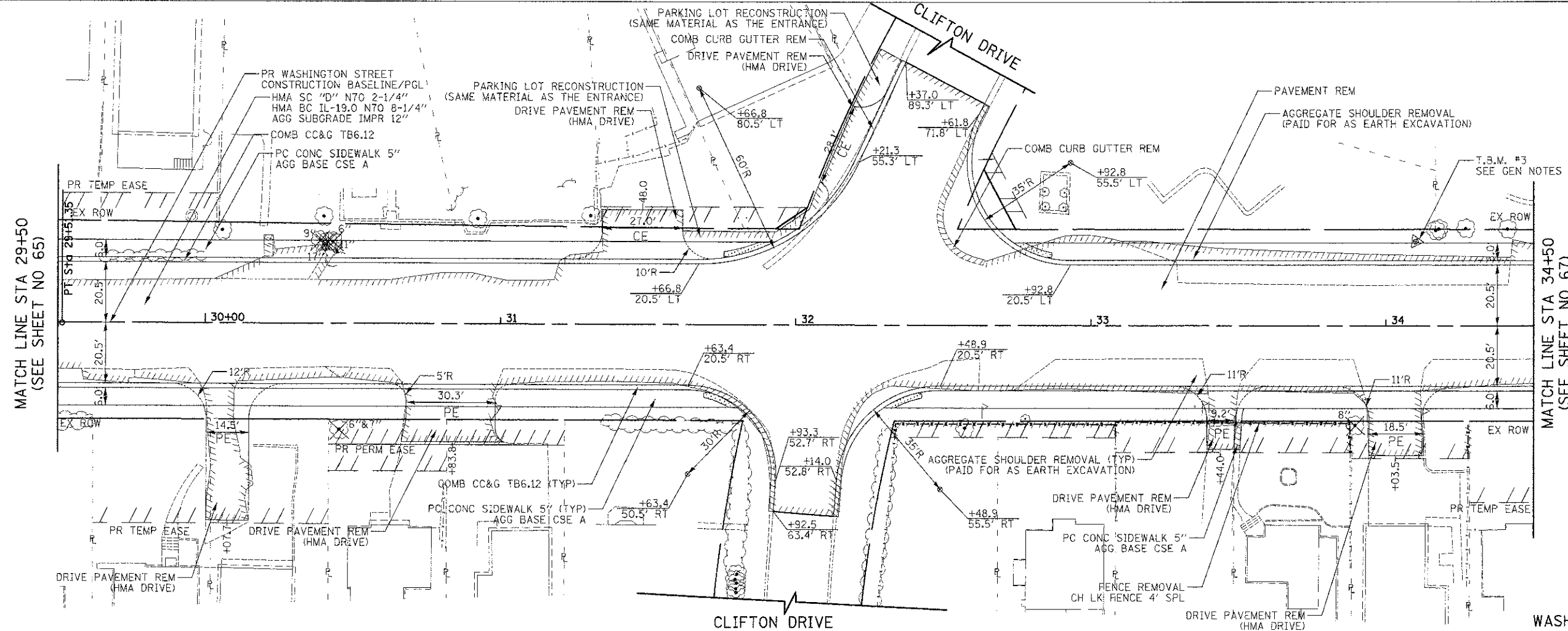
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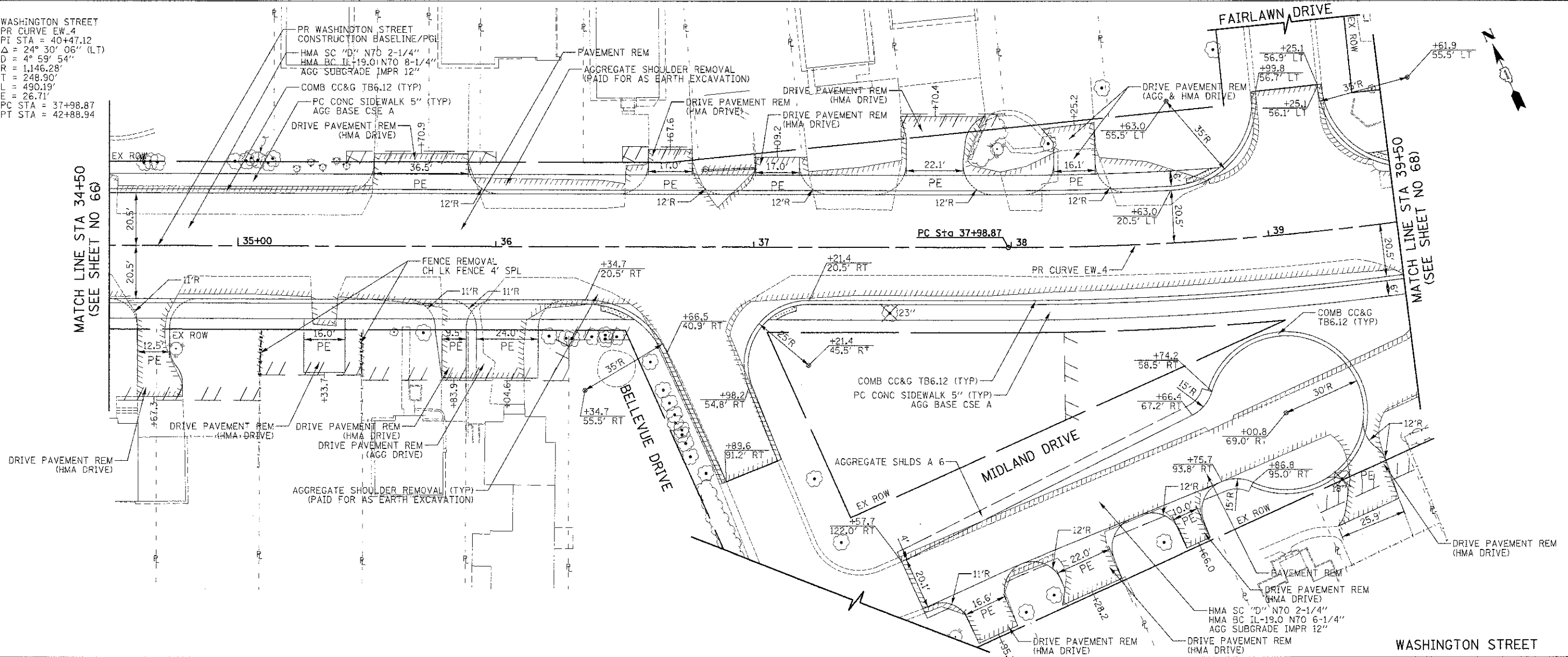
460 E Devon Ave, Suite 300 Itasca, Illinois 60143 Tel: 630.773.3900 Fax: 630.773.3975 www.civiltechinc.com	DESIGNED - PK DRAWN - JRR CHECKED - RTM DATE - 12/17/2012	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	VERT. 0 5 10 HORIZ. 0 20 40	PLAN AND PROFILE SHEET NO. 7 OF 15 SHEETS STA. 29+50 TO STA. 34+50	<table border="1"> <tr><td>F.A.I. RTE.</td><td>SECTION</td><td>COUNTY</td><td>TOTAL SHEETS</td><td>SHEET NO.</td></tr> <tr><td>0187</td><td>05-00121-07-WR</td><td>LAKE</td><td>223</td><td>66</td></tr> <tr><td colspan="5">CONTRACT NO. 63765</td></tr> </table>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	0187	05-00121-07-WR	LAKE	223	66	CONTRACT NO. 63765				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																	
0187	05-00121-07-WR	LAKE	223	66																	
CONTRACT NO. 63765																					

WASHINGTON STREET
 PR CURVE EW.4
 PI STA = 40+47.12
 $\Delta = 24^\circ 30' 06''$ (LT)
 $D = 4^\circ 59' 54''$
 $R = 1,146.28'$
 $T = 248.90'$
 $L = 490.19'$
 $E = 26.71'$
 PC STA = 37+98.87
 PT STA = 42+88.94

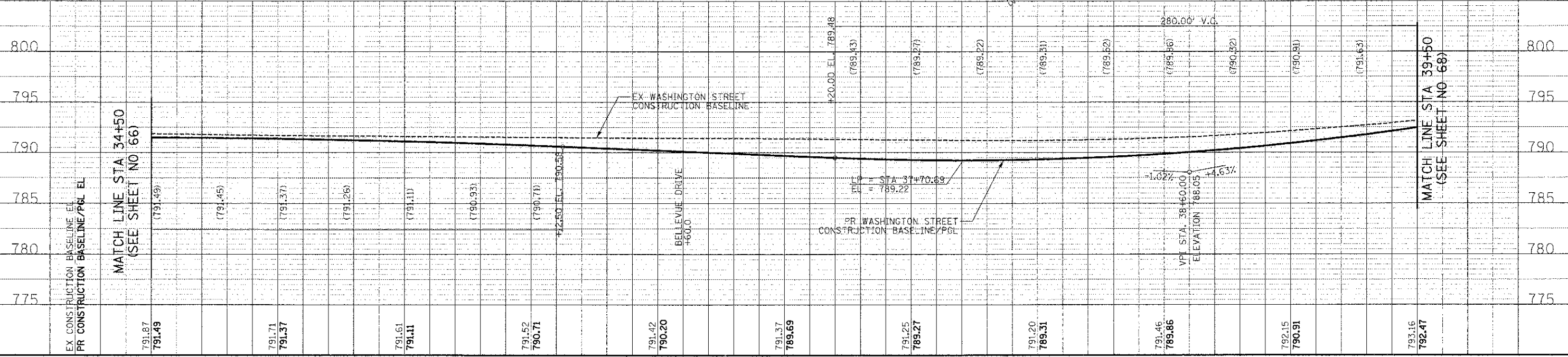
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MATCH LINE STA 34+50
(SEE SHEET NO 66)

MATCH LINE STA 39+50
(SEE SHEET NO 68)



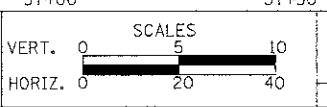
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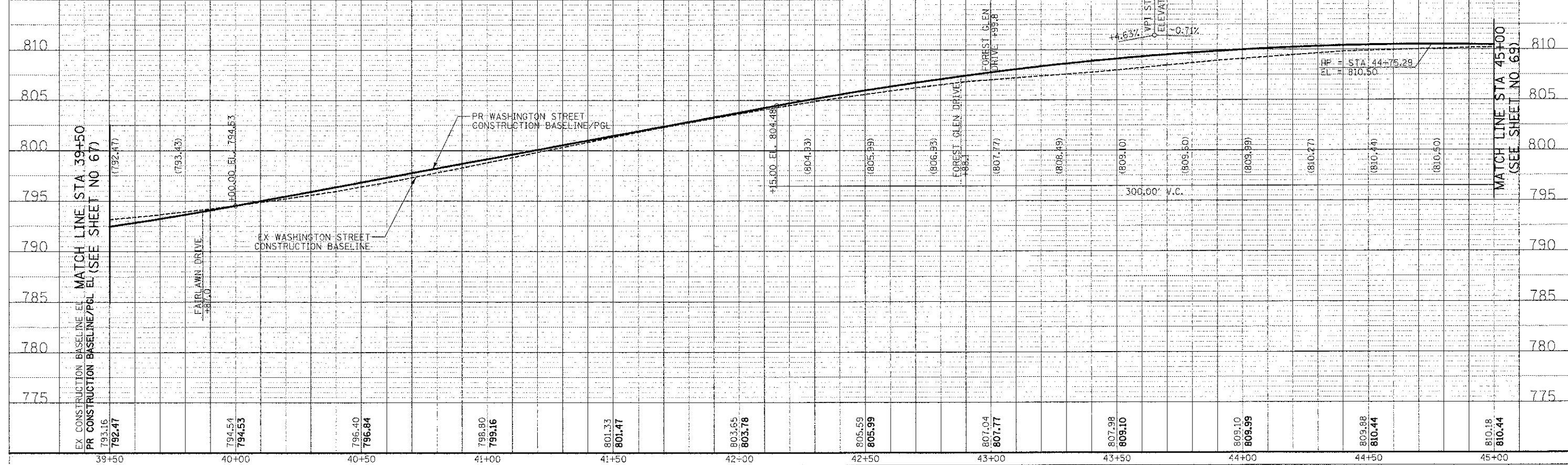
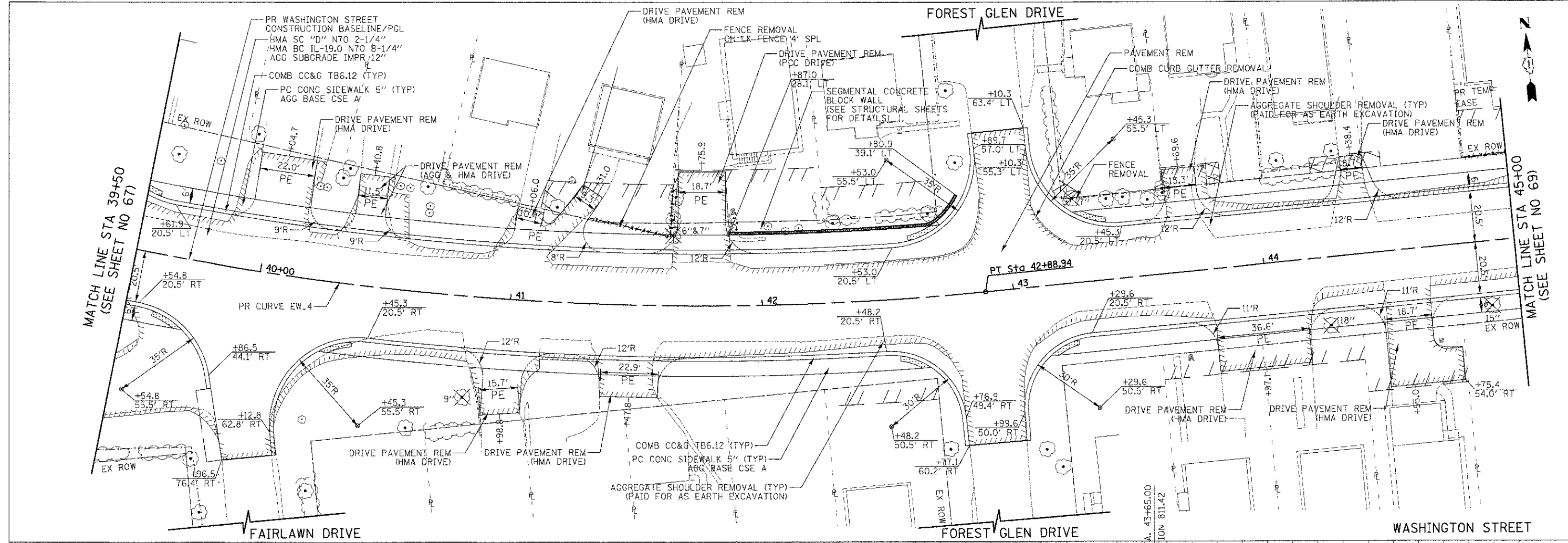


PLAN AND PROFILE
 SHEET NO. 8 OF 15 SHEETS STA. 34+50 TO STA. 39+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0187	05-00121-07-WR	LAKE	223	67
CONTRACT NO. 63765				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

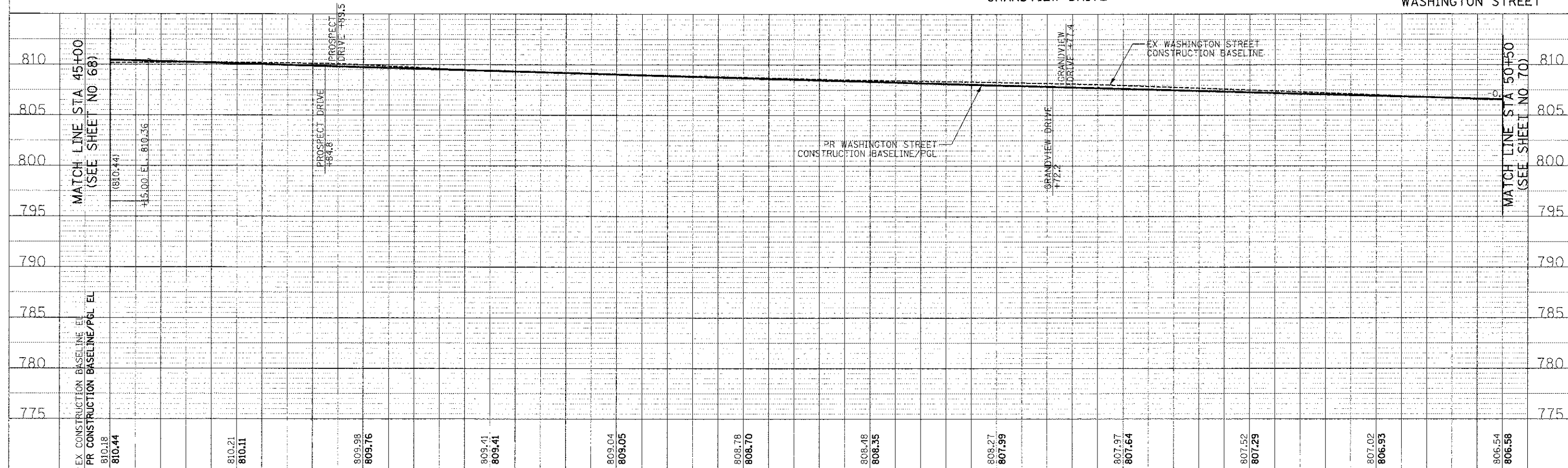
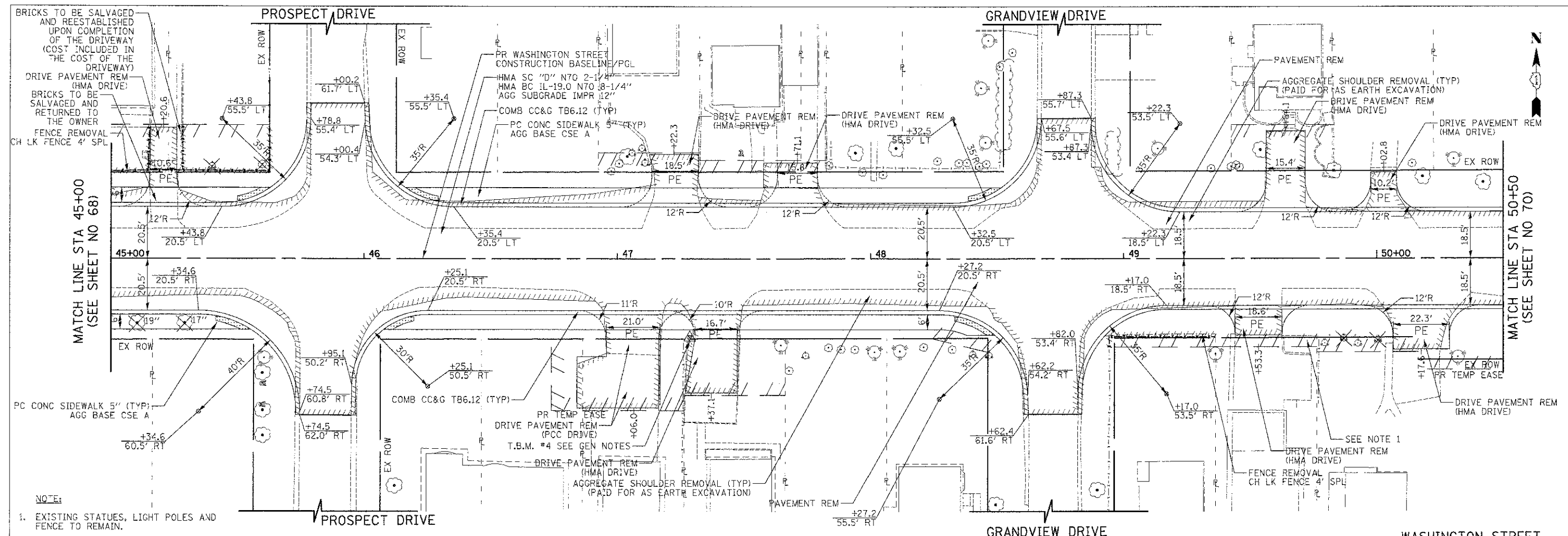
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4	DATE



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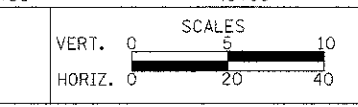


45+00	45+50	46+00	46+50	47+00	47+50	48+00	48+50	49+00	49+50	50+00	50+50
810.18 810.44	810.21 810.11	809.98 809.76	809.41 809.41	809.04 809.05	808.78 808.70	808.48 808.35	808.27 807.99	807.97 807.64	807.52 807.29	807.02 806.95	806.54 806.58

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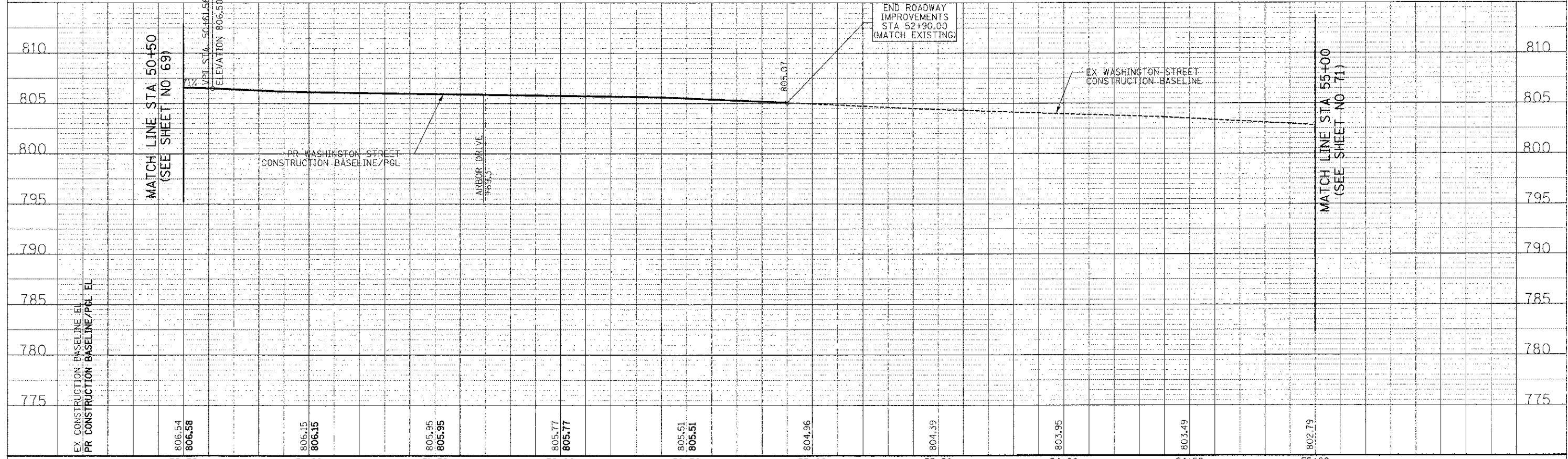
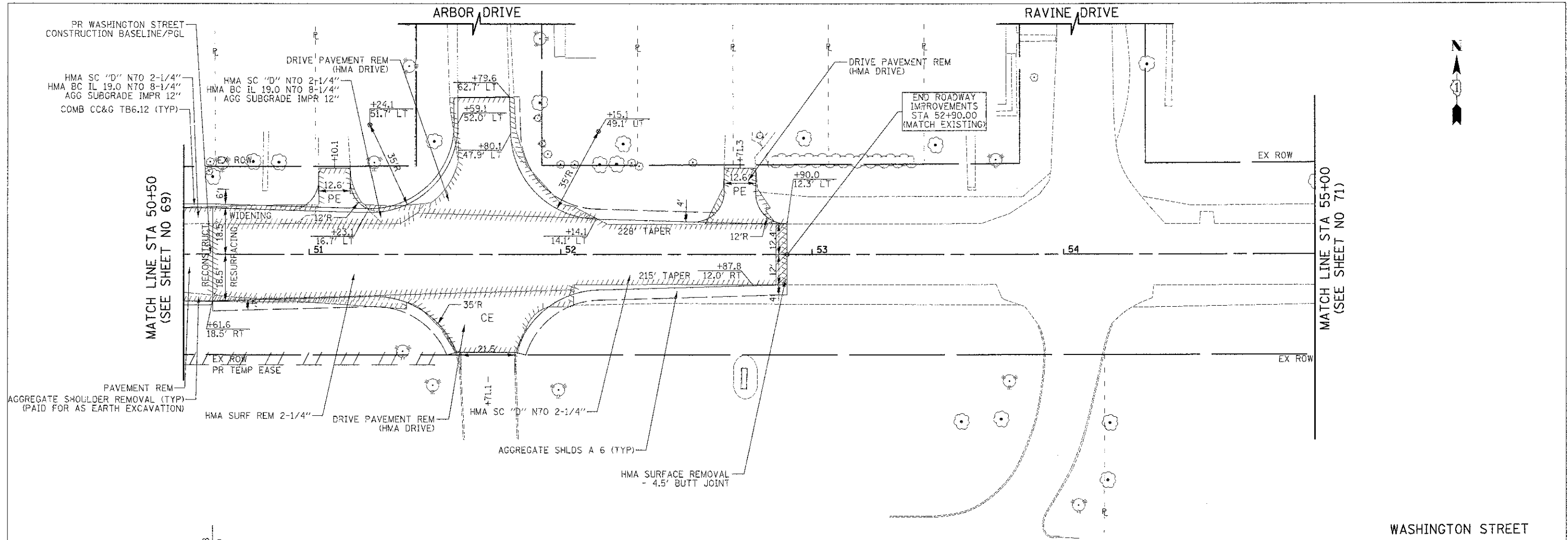
PLAN AND PROFILE

SHEET NO. 10 OF 15 SHEETS STA. 45+00 TO STA. 50+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS
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FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63765

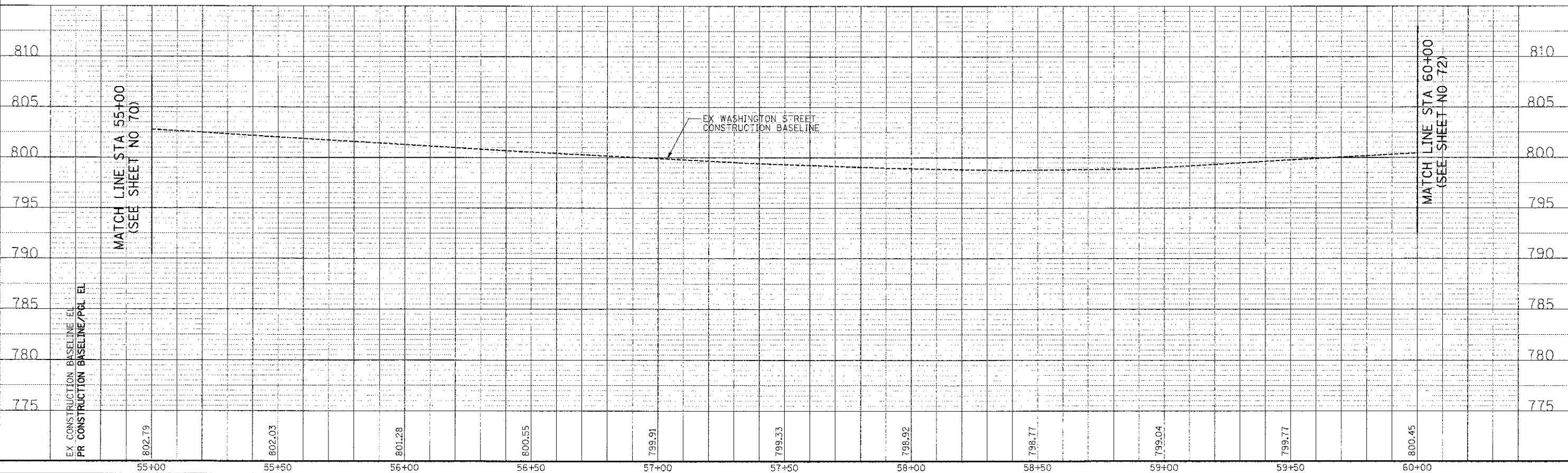
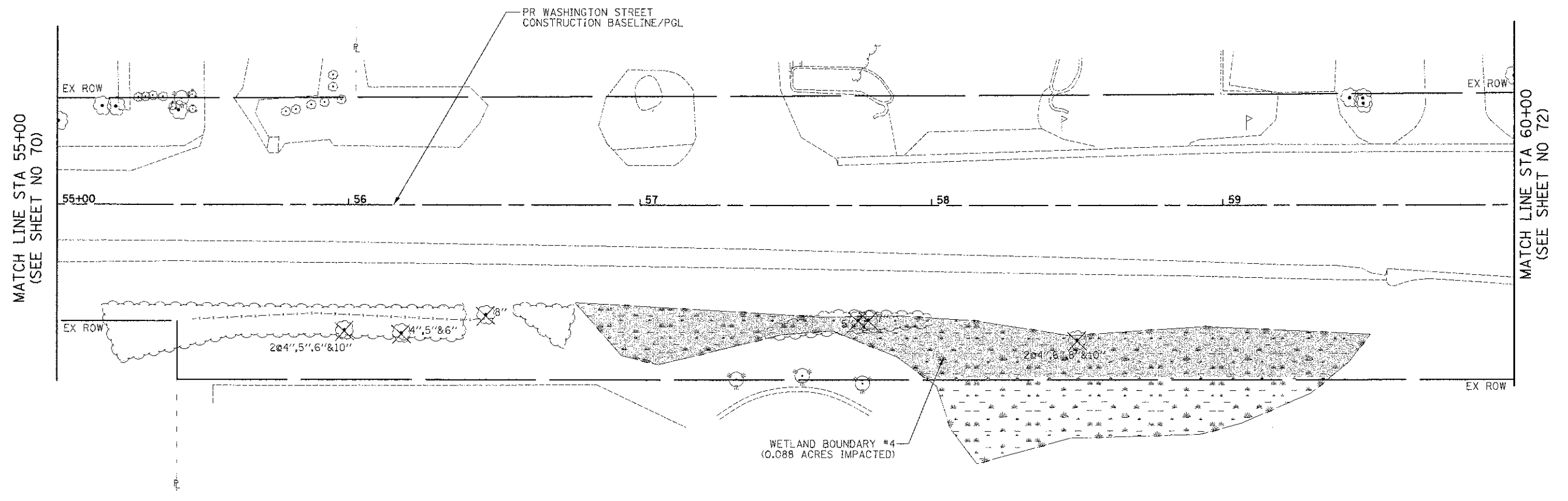
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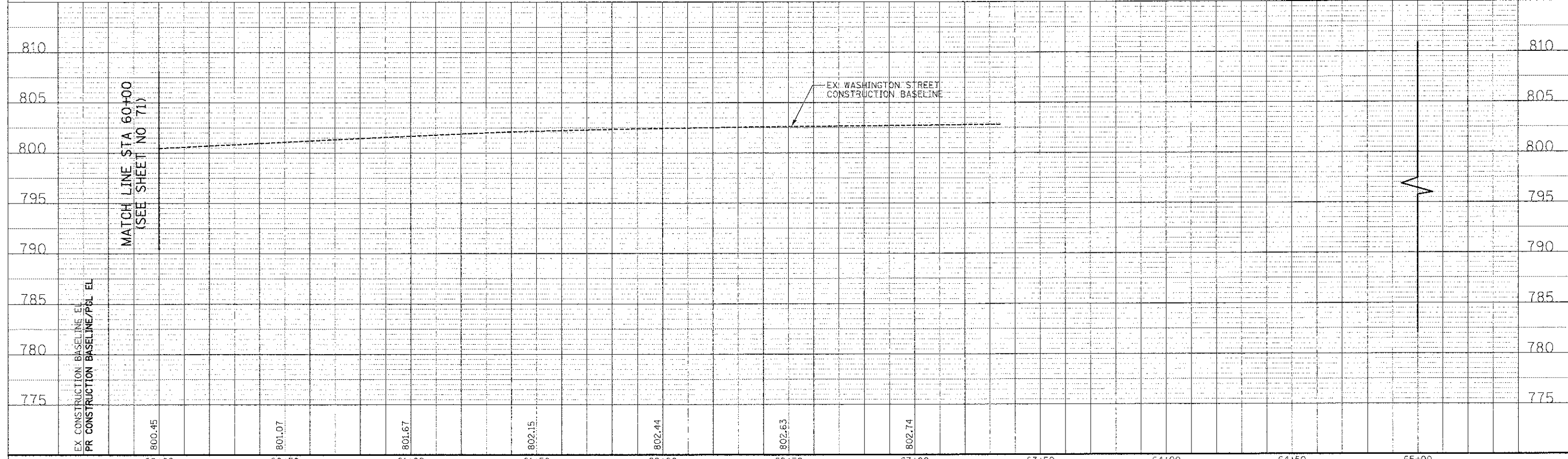
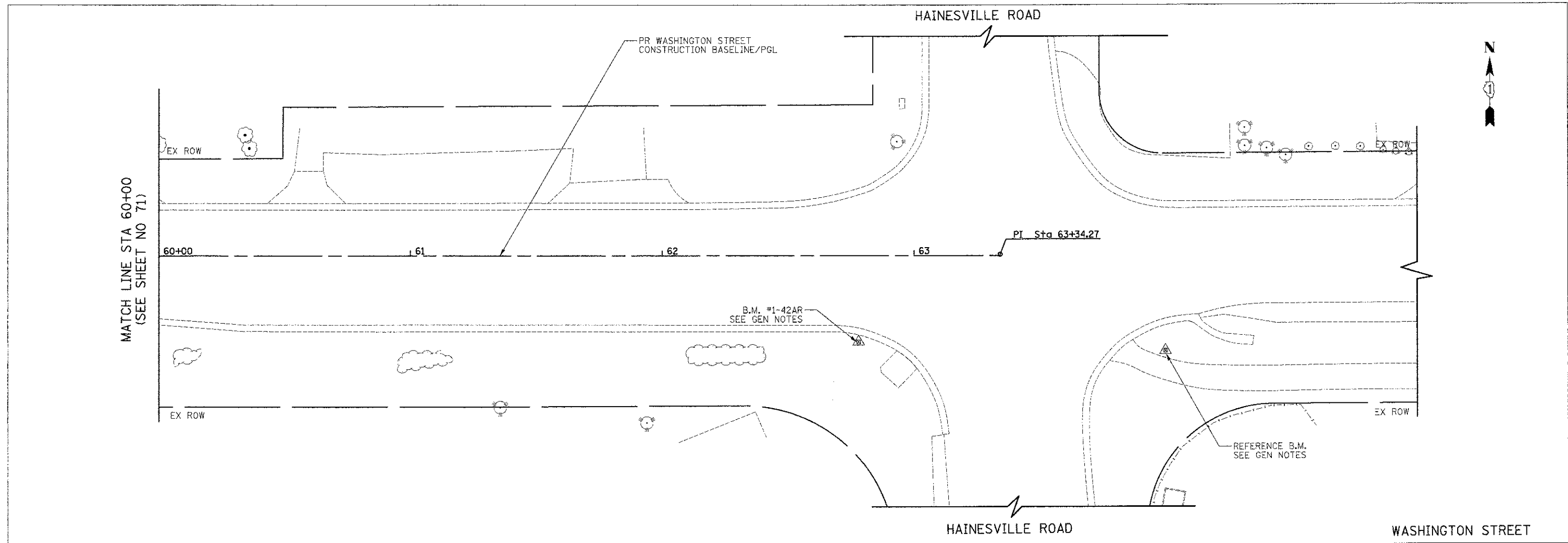


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	DRAWN - JRR	REVISED -				CONTRACT NO. 63765				
	CHECKED - RTM	REVISED -				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
	DATE - 12/17/2012	REVISED -				SHEET NO. 12 OF 15 SHEETS STA. 55+00 TO STA. 60+00				



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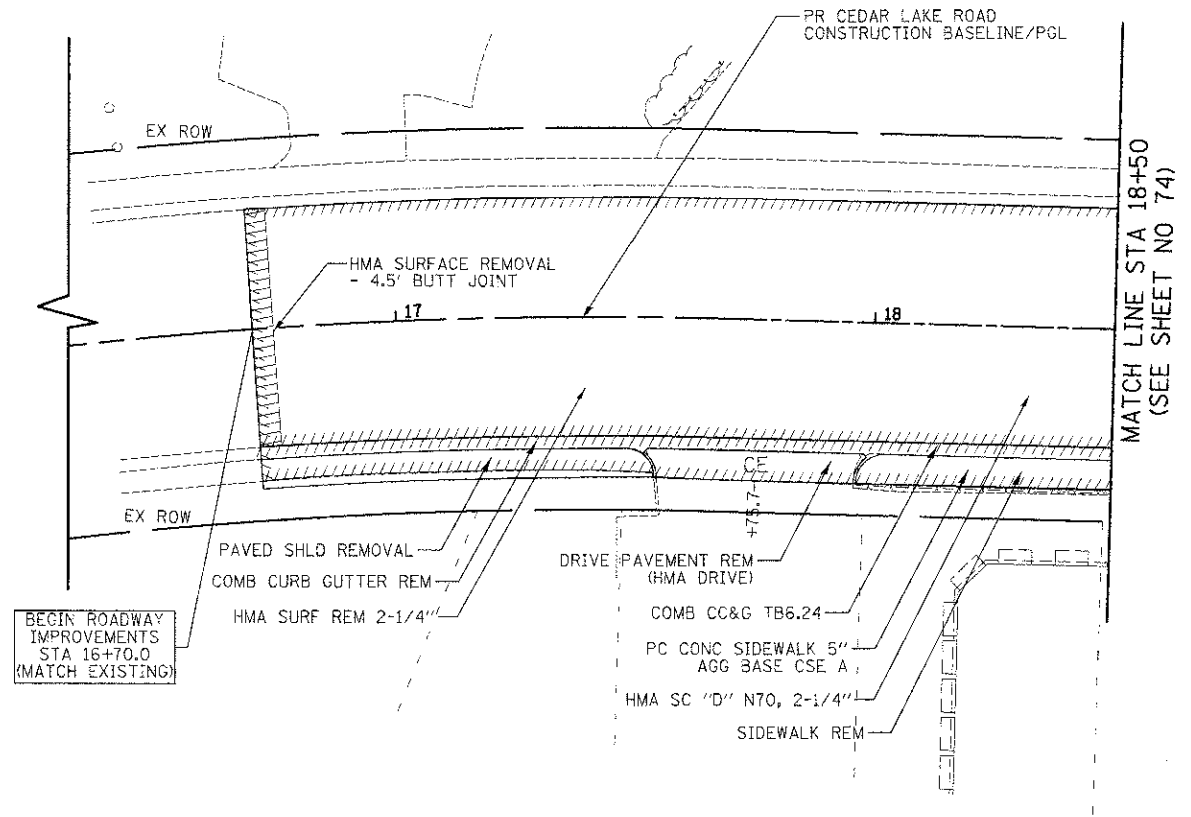
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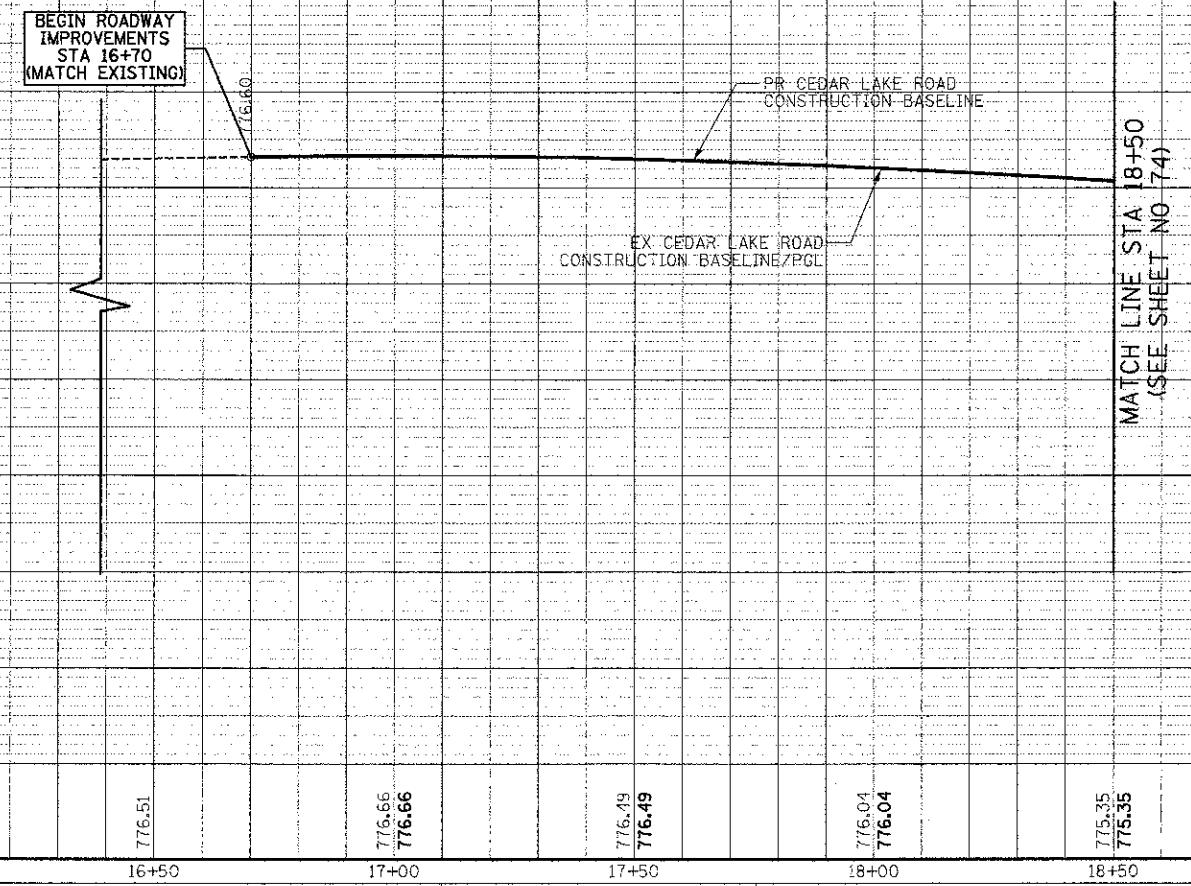
	450 E Devon Ave, Suite 300 Itasca, Illinois 60143 Tel: 630.773.3900 Fax: 630.773.3975 www.civiltechinc.com	DESIGNED - PK DRAWN - JRR CHECKED - RTM DATE - 12/17/2012	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	VERT. 0 5 10 HORIZ. 0 20 40 SCALES	PLAN AND PROFILE	F.A.U. RTE. 0187	SECTION 05-0012-07-WR	COUNTY LAKE	TOTAL SHEETS 223 SHEET NO. 72	CONTRACT NO. 63765
	SHEET NO. 13 OF 15 SHEETS STA. 60+00 TO STA. 63+00							FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT			

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MATCH LINE STA 18+50
(SEE SHEET NO 74)

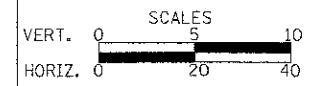


MATCH LINE STA 18+50
(SEE SHEET NO 74)

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DATE - 12/17/2012	REVISED -

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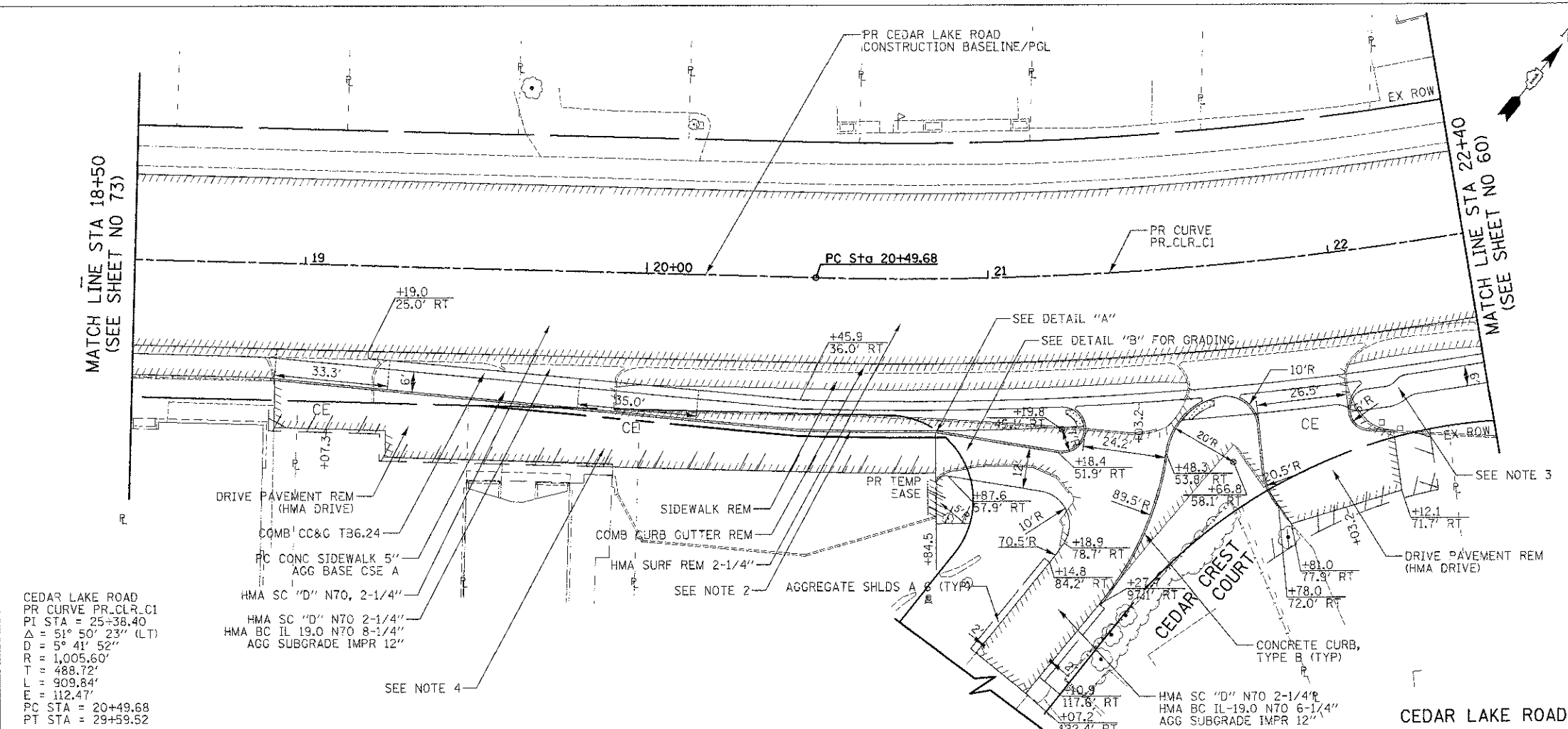
PLAN AND PROFILE

SHEET NO. 14 OF 15 SHEETS STA. 16+70 TO STA. 18+50

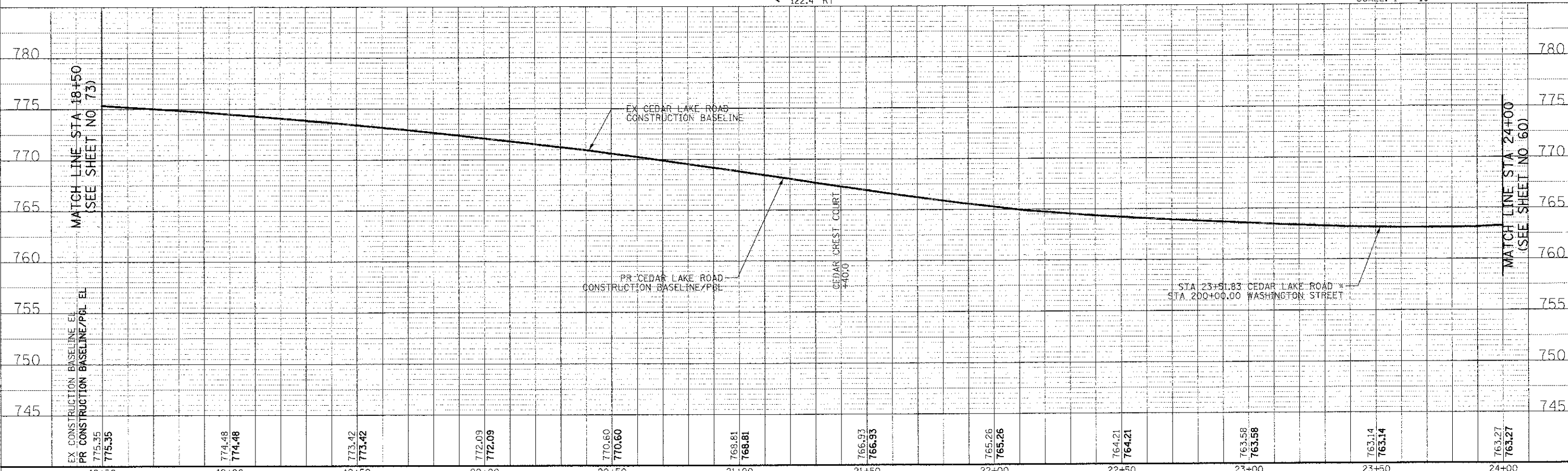
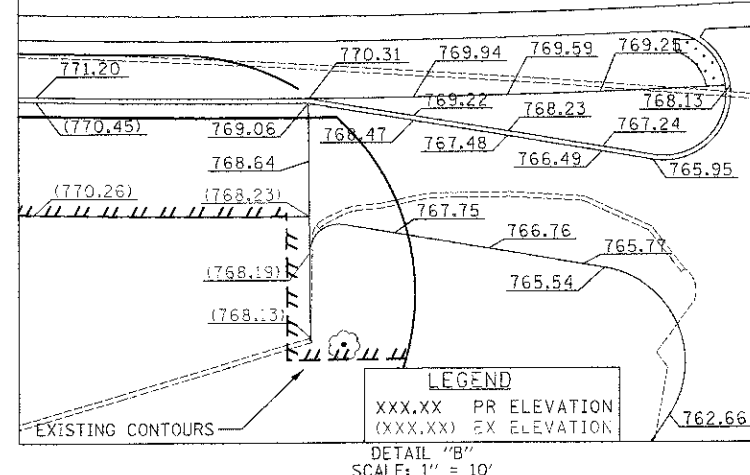
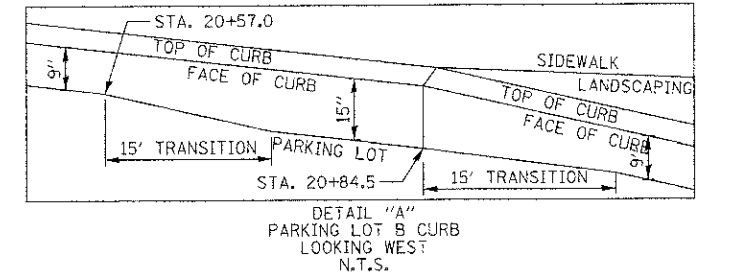
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS
01B7	05-00121-07-WR	LAKE	223 73
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63765

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- NOTE:**
- DASHED LINES ACROSS PROPOSED SIDEWALK ARE SHOWING LIMITS OF DEPRESSED CURB AND SIDEWALK FOR DRIVEWAY ENTRANCES.
 - TYPE B CURB ON EAST SIDE OF CEDAR LAKE ROAD SHALL BE A BARRIER CURB WITH THE CURB HEIGHT OF 9" FACING THE PARKING LOT, EXCEPT AS SHOWN IN DETAIL "A".
 - CURB AND SIDEWALK ARE OFFSET TO ACCOMMODATE DRAINAGE STRUCTURE TO BE REPLACED (SEE DRAINAGE AND UTILITY SHEETS).
 - POSITIVE DRAINAGE SHALL BE PROVIDED TO ENSURE THAT WATER DOES NOT POND ON PRIVATE PROPERTY.



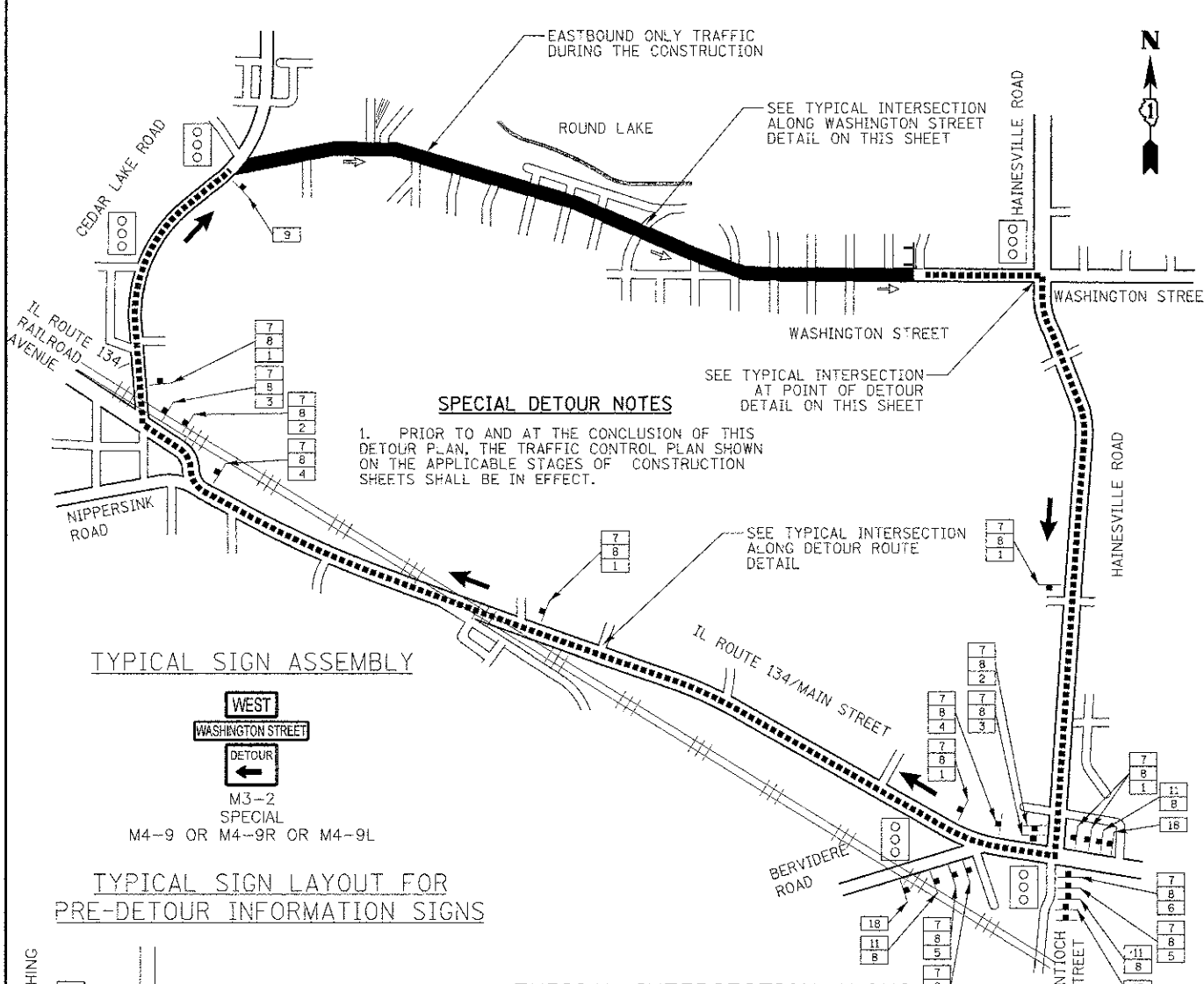
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DRAWN - JRR	REVISED -		HORIZ. 0 20 40		CONTRACT NO. 63765				
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DETOUR GENERAL NOTES

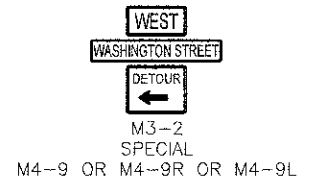
1. ALL SIGNING SHALL BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2012, "THE QUALITY STANDARD FOR WORK ZONE TRAFFIC CONTROL DEVICES" ADOPTED IN 2010, THE DETAILS IN THESE PLANS, THE LATEST EDITION OF THE STATE OF ILLINOIS "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", THE SPECIAL PROVISIONS FOR TRAFFIC CONTROL AND PROTECTION AND THE LCDOT "DETOUR PROCEDURES AND GUIDELINES".
2. THE DURATION OF THIS DETOUR SHALL NOT EXCEED 165 CONSECUTIVE CALENDAR DAYS. THE CONTRACTOR SHALL PROCEED WITH THE WORK IN AN EXPEDIENT MANNER TO REDUCE THE LENGTH OF TIME THAT THE DETOUR NEEDS TO BE IN EFFECT.
3. THE ENGINEER SHALL BE NOTIFIED IN WRITING AT LEAST THREE (3) WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT. THE ENGINEER SHALL DETERMINE THE HOUR OF CLOSURE. THE ENGINEER WILL CONTACT THE APPROPRIATE LOCAL AGENCIES AND INTERESTED PARTIES.
4. IF DEEMED NECESSARY BY THE ENGINEER, A PRE-CONSTRUCTION MEETING WITH THE CONTRACTOR SHALL BE HELD AT LEAST TWO (2) WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT.
5. THE CONTRACTOR SHALL SUPPLY TO THE ENGINEER THE NAMES AND TELEPHONE NUMBERS OF HIS REPRESENTATIVES ON THE CONSTRUCTION SITE AND HIS REPRESENTATIVE RESPONSIBLE FOR THE DETOUR SIGNING PRIOR TO THE START OF THE WORK. THE LAKE COUNTY DIVISION OF TRANSPORTATION REPRESENTATIVE FOR THIS DETOUR IS:
JOHN P. SAUTER
LAKE COUNTY DIVISION OF TRANSPORTATION
TRAFFIC ENGINEERING SECTION
600 W. WINCHESTER ROAD
LIBERTYVILLE, IL 60048
(847) 377-7400
6. IF REQUESTED BY THE CONTRACTOR IN WRITING AT LEAST THREE (3) WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT THE ENGINEER WILL FIELD LOCATE THE POSITIONS OF ANY SIGNS.
7. LONGITUDINAL DIMENSIONS SHOWN ON THESE PLANS MAY BE ADJUSTED TO FIT FIELD CONDITIONS, WITH THE APPROVAL OF THE ENGINEER.
8. THE ROAD SHALL NOT BE CLOSED UNTIL ALL SIGNING IS ERECTED IN ACCORDANCE WITH THE DETOUR PLAN AND INSPECTED AND APPROVED BY THE ENGINEER.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL BARRICADES, SIGNS, LIGHTS, AND OTHER DEVICES INSTALLED BY HIM, ARE IN PLACE AND OPERATING 24 HOURS EACH DAY INCLUDING SUNDAYS AND HOLIDAYS DURING THE TIME THE DETOUR IS IN EFFECT.
10. THE TRAFFIC CONTROL SHOWN ON THE DETOUR PLAN IS THE MINIMUM NECESSARY TO ENSURE THIS ROAD CLOSURE. THE CONTRACTOR SHALL MAKE ALL CHANGES IN TRAFFIC CONTROL THAT IS DEEMED NECESSARY BY THE ENGINEER. ADDITIONS AND DELETIONS OF TRAFFIC CONTROL FOR THIS DETOUR SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM TRAFFIC CONTROL AND PROTECTION.
11. ALL EXISTING SIGNING THAT IS NOT APPLICABLE WHILE THE DETOUR IS IN EFFECT SHALL BE COMPLETELY COVERED BY THE CONTRACTOR, IN A MANNER APPROVED BY THE ENGINEER.
12. ALL DETOUR SIGNING SHALL BE POST MOUNTED IF THE ROAD CLOSURE IS TO EXCEED FOUR (4) CALENDAR DAYS.
13. ALL DETOUR SIGNING EXCEPT REGULATORY SIGNS SHALL HAVE BLACK LEGENDS ON FLUORESCENT ORANGE SHEETING AND STANDARD BLACK BORDERS. THE FLUORESCENT ORANGE REFLECTIVE SHEETING SHALL MEET THE REQUIREMENTS OF SECTION 1091 OF THE "STANDARD SPECIFICATIONS". ALL DETOUR SIGNING SHALL BE NEW OR LIKE NEW CONDITION. THE ENGINEER SHALL BE THE SOLE JUDGE OF THE CONDITION OF THE SIGNS.
14. THE SIZES OF ALL SIGNS NOT SPECIFIED IN THESE PLANS SHALL BE AS REQUIRED BY THE "THE ILLINOIS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES".
15. AS A MINIMUM, ALL AMBER FLASHING LIGHTS THAT ARE REQUIRED FOR THIS DETOUR SHALL MEET THE REQUIREMENTS FOR TYPE A-LOW INTENSITY FLASHING LIGHTS IN ARTICLE 1106.02 OF THE "STANDARD SPECIFICATIONS". ALL LIGHTS SHALL OPERATE DURING THE HOURS OF DARKNESS. ONLY LIGHTS THAT HAVE BEEN APPROVED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE USED.
16. WHEN REQUIRED THE MINIMUM DIMENSIONS OF THE ORANGE WARNING FLAGS SHOWN IN THESE PLANS ARE 18" X 18".
17. ALL BARRICADES SHALL HAVE REFLECTORIZED STRIPING ON BOTH SIDES OF THE BARRICADES. THE TYPE III BARRICADES USED AT THE POINT OF CLOSURE TO THRU TRAFFIC SHALL NOT EXCEED 8 FEET IN WIDTH EACH, FOR A SINGLE APPROACH LANE.
18. THE "ROAD CLOSED" (R11-2), THE "ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY" (R11-3) AND THE "ROAD CLOSED TO THRU TRAFFIC" (R11-4) SIGNS SHALL BE MOUNTED ABOVE THE TOP OF THE BARRICADE. ALL TYPE III BARRICADES SHALL HAVE TWO (2) AMBER TYPE A-LOW INTENSITY FLASHING LIGHTS SPACED NEAR THE CENTERLINE OF THE SUPPORTS.
19. THE ROAD NAME SIGN SHALL HAVE A BLACK LEGEND ON FLUORESCENT ORANGE REFLECTIVE SHEETING. THE SIGN BLANK SHALL BE A VARIABLE X 9" OR A VARIABLE X 12" WITH DESIGN SERIES C LETTERS. THE CAPITAL LETTERS SHALL BE 6" WITH 5" LOWER CASE.
20. DURING NON-WORKING HOURS AT THE POINT OF ROAD CLOSURE TO ALL TRAFFIC, THE CONTRACTOR SHALL PROVIDE A MEANS TO RESTRAIN THE BARRICADES FROM EASY MOVEMENT BY VANDALS. THE CHOSEN METHOD SHALL BE APPROVED BY THE ENGINEER.
21. CONSTRUCTION EQUIPMENT SHALL NOT BE PARKED IMMEDIATELY BEHIND THE TYPE III BARRICADES DURING NON-WORKING HOURS. IN ANY EVENT ARTICLE 701.04 OF THE "STANDARD SPECIFICATIONS" SHALL APPLY.
22. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE VISIBILITY OF ALL DETOUR AND CONSTRUCTION SIGNING, INCLUDING BRUSHING BACK VEGETATION IF DEEMED NECESSARY BY THE ENGINEER.
23. THE FOLLOWING ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD IS APPLICABLE FOR THIS WORK:
STANDARD 701901
24. THE ENGINEER SHALL BE NOTIFIED AT LEAST TWO (2) HOURS BEFORE THE ROAD IS TO OPENED TO TRAFFIC. THE ENGINEER WILL CONTACT THE APPROPRIATE LOCAL AGENCIES AND INTERESTED PARTIES.
25. THE PENALTY FOR EXCEEDING THE TIME LIMIT, AS STATED IN DETOUR GENERAL NOTE TWO OF THESE PLANS, SHALL EQUAL THE CHARGE FOR TRAFFIC CONTROL DEFICIENCY OF \$1000.00 PER DAY, FOR EVERY CALENDAR DAY THE DETOUR AND ROAD CLOSURE EXCEEDS THE TIME LIMIT SET IN GENERAL NOTE TWO. THIS PENALTY CAN BE ASSESSED IN ADDITION TO THE PENALTY SPECIFIED IN THE SPECIAL PROVISION FOR TRAFFIC CONTROL AND PROTECTION AND PENALTIES CAN BE CHARGED CONCURRENTLY.



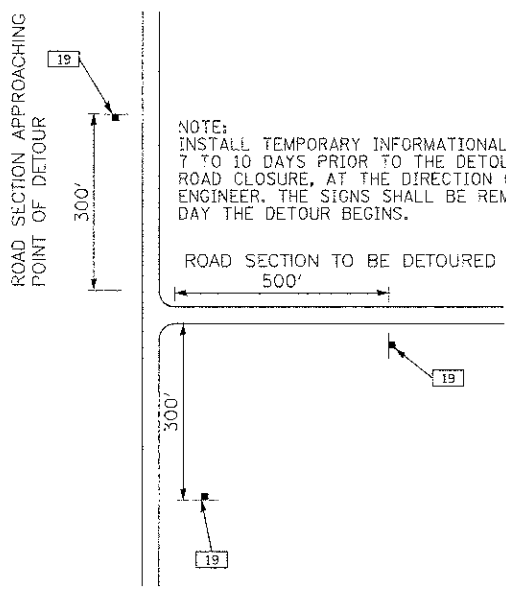
SPECIAL DETOUR NOTES

1. PRIOR TO AND AT THE CONCLUSION OF THIS DETOUR PLAN, THE TRAFFIC CONTROL PLAN SHOWN ON THE APPLICABLE STAGES OF CONSTRUCTION SHEETS SHALL BE IN EFFECT.

TYPICAL SIGN ASSEMBLY

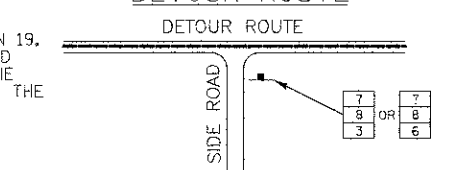


TYPICAL SIGN LAYOUT FOR PRE-DETOUR INFORMATION SIGNS

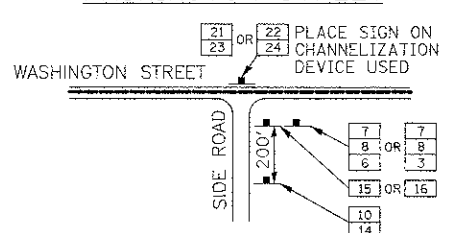


NOTE:
INSTALL TEMPORARY INFORMATION SIGN 19, 7 TO 10 DAYS PRIOR TO THE DETOUR AND ROAD CLOSURE, AT THE DIRECTION OF THE ENGINEER. THE SIGNS SHALL BE REMOVED THE DAY THE DETOUR BEGINS.

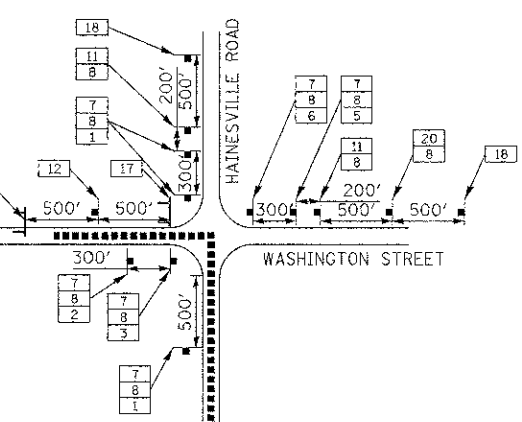
TYPICAL INTERSECTION ALONG DETOUR ROUTE



TYPICAL INTERSECTION ALONG WASHINGTON STREET



TYPICAL INTERSECTION AT POINT OF DETOUR



- LAKEWOOD TERRACE
- PARK ROAD
- LAKEVIEW ROAD
- LINDEN ROAD
- CATALPA DRIVE
- BEECHWOOD DRIVE
- GREENWOOD DRIVE
- BRIERHILL DRIVE
- KENWOOD DRIVE
- CLIFTON DRIVE
- BELLEVUE DRIVE
- FAIRLAWN DRIVE
- FOREST GLEN DRIVE
- PROSPECT DRIVE
- GRANDVIEW DRIVE
- ARBOR DRIVE
- RAVINE DRIVE

LOCATIONS OF PRE-DETOUR INFORMATION SIGNS

19	N.B. CEDAR LAKE ROAD APPROACHING WASHINGTON STREET
19	S.B. CEDAR LAKE ROAD APPROACHING WASHINGTON STREET
19	E.B. WASHINGTON STREET EAST OF CEDAR LAKE ROAD
19	S.B. HAINESVILLE ROAD APPROACHING WASHINGTON STREET
19	N.B. HAINESVILLE ROAD APPROACHING WASHINGTON STREET
19	W.B. WASHINGTON STREET APPROACHING HAINESVILLE ROAD
19	E.B. WASHINGTON STREET APPROACHING HAINESVILLE ROAD
19	E.B. WASHINGTON STREET WEST OF HAINESVILLE ROAD

LEGEND

- 48" X 48" CONSTRUCTION WARNING SIGN WITH AMBER FLASHING LIGHT 18"x18" FLAG (NUMBER DENOTES TYPE)
- M4-9 SERIES DETOUR SIGN WITH ROAD NAME & DIRECTION PLATES (NUMBER DENOTES TYPE)
- OTHER DETOUR SIGN (NUMBER DENOTES TYPE)
- CONSTRUCTION WORK ZONE
- DETOUR ROUTE DIRECTION
- SIGN POST
- TRAFFIC FLOW
- SIGNALIZED INTERSECTION
- TYPE III BARRICADE
- DETOUR ROUTE

SCHEDULE OF SIGNS

SIGN NO.	SIGN TYPE	SIGN NO.	SIGN TYPE
1	DETOUR	13	ROAD CLOSED
2	DETOUR	14	SPECIAL-2115
3	DETOUR	15	R3-1-2424
4	DETOUR	16	R3-2-2424
5	DETOUR	17	ROAD CLOSED 1000 FT AHEAD LOCAL TRAFFIC ONLY
6	DETOUR	18	WESTBOUND WASHINGTON ST CLOSED TO THRU TRAFFIC USE R. ROUTE 134 (MAIN ST.)
7	WEST	19	WESTBOUND WASHINGTON ST CLOSED TO THRU TRAFFIC FROM MONDAY TO SUNDAY
8	WASHINGTON STREET	20	ROAD CLOSED AHEAD
9	END DETOUR	21	DETOUR
10	ROAD CONSTRUCTION AHEAD	22	DETOUR
11	DETOUR 500 FT	23	ONEWAY
12	BARRICADE 500 FT	24	ONEWAY

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DRAWN - JRR	REVISED -
CHECKED - RTM	REVISED -
DATE - 1/7/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

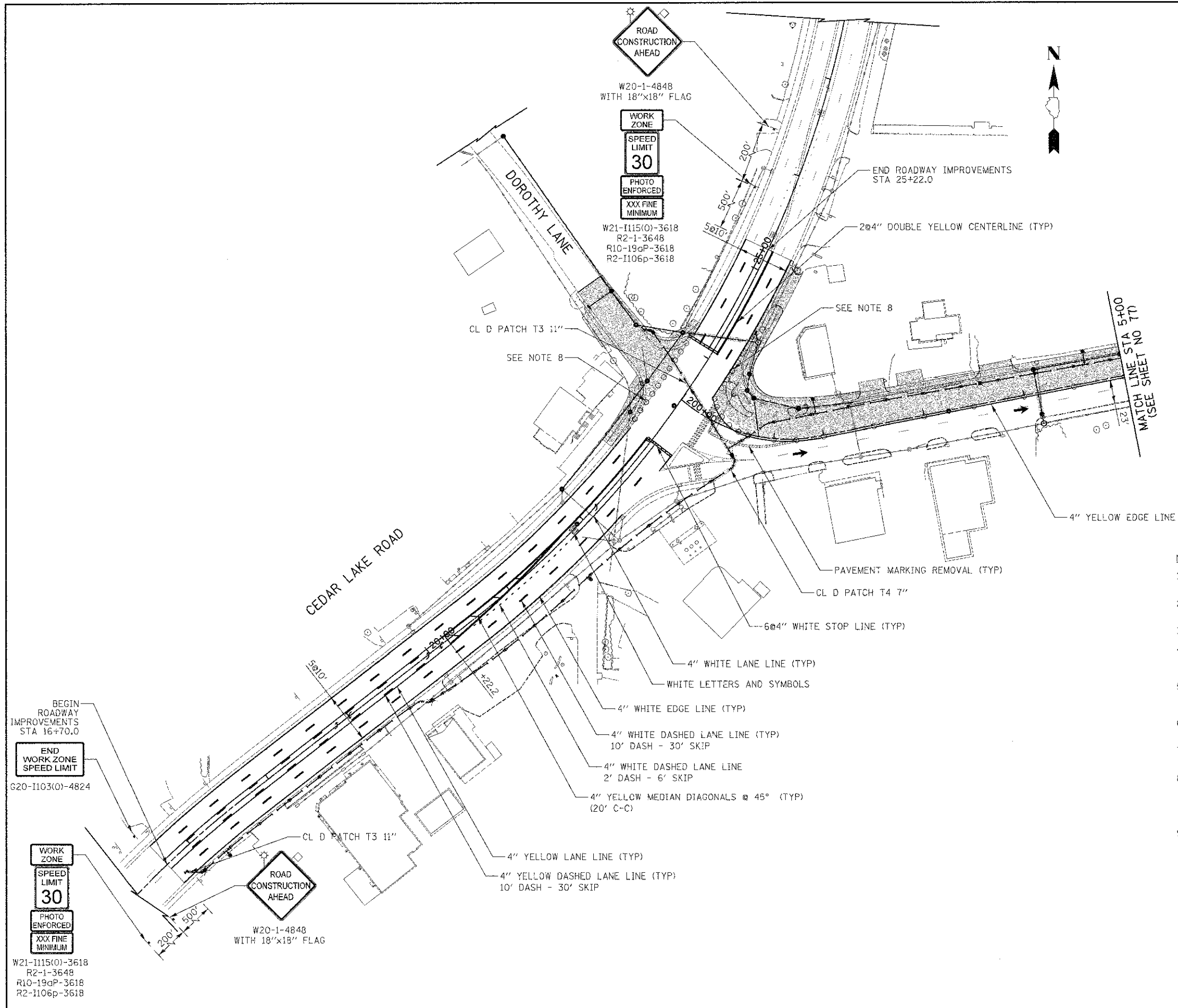
DETOUR PLAN

SHEET NO. 1 OF 1 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0187	05-00121-07-WR	LAKE	223	75
CONTRACT NO. 63765				
FED. ROAD DIST. NO. 1 ILLINOIS/FED. AID PROJECT				

DATE	
BY	
REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	

DATE	
BY	
REVISION	
NO.	
DATE	
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REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	



LEGEND

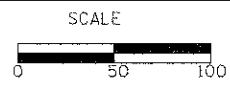
	PERMANENT PAVING DURING STAGE 1
	STORM SEWER INSTALLED DURING STAGE 1
	EXISTING STORM SEWER AT BEGINNING OF STAGE 1
	TYPE II BARRICADES WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS @ 50' CTRS (20' SPACING IN TAPERS, 10' SPACING IN CORNER RADII)
	DIRECTION OF TRAFFIC PATTERNS DURING STAGE 1
	DRUMS OR TYPE II BARRICADES WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS & DIRECTION INDICATOR PANELS @ 25' CTRS
	TYPE III BARRICADE WITH FLASHING LIGHTS
	TEMPORARY TRAFFIC SIGN ON PERMANENT SUPPORT
	AMBER FLASHING LIGHT
	18" x 18" FLAG
	TA (PE) TEMPORARY ACCESS (PRIVATE ENTRANCE)
	TA (CE) TEMPORARY ACCESS (COMMERCIAL ENTRANCE)

- NOTE:**
- SEE STAGES OF CONSTRUCTION TYPICAL SECTIONS FOR CONSTRUCTION PROCEDURE.
 - TEMPORARY TRAFFIC SIGNS SHALL BE PLACED PER IDOT STANDARD 701901.
 - REFERENCE IDOT STANDARDS FOR TAPERS.
 - EXISTING DRAINAGE TO BE MAINTAINED AT CROSS ROAD CULVERT LOCATIONS. CULVERTS TO BE CONSTRUCTED USING DAILY LANE CLOSURES & TEMPORARY PAVEMENT PATCHES.
 - ALL PROPOSED PAVEMENT MARKINGS ON THIS SHEET SHALL BE "TEMPORARY PAVEMENT MARKINGS" IN ACCORDANCE WITH ARTICLE 703.05 OF THE "STANDARD SPECIFICATIONS", EXCEPT AS SHOWN.
 - RAISED REFLECTIVE PAVEMENT MARKERS WHICH CONFLICT WITH STAGE 1 TRAFFIC SHALL BE REMOVED.
 - ALL TEMPORARY ACCESS LOCATIONS SHALL BE SIGNED ACCORDING TO LAKE COUNTY DETAIL, LC7201.
 - BINDER COURSE ON WASHINGTON STREET AND DOROTHY LANE SHALL BE PLACED MAINTAINING TRAFFIC ON CEDAR LAKE ROAD PER STANDARD 701306. AFTER THE COMPLETION OF THIS WORK TYPE II BARRICADES SHALL BE PROVIDED JUST OUTSIDE OF CEDAR LAKE ROAD EDGE OF PAVEMENT.
 - TRAFFIC CONTROL FOR ALL INTERSECTIONS (SIDE ROADS) ALONG WASHINGTON STREET SHALL FOLLOW LC001 DETAIL LC7004. SEE SHEET 75 FOR 'TYPICAL INTERSECTION ALONG WASHINGTON STREET' DETAIL.

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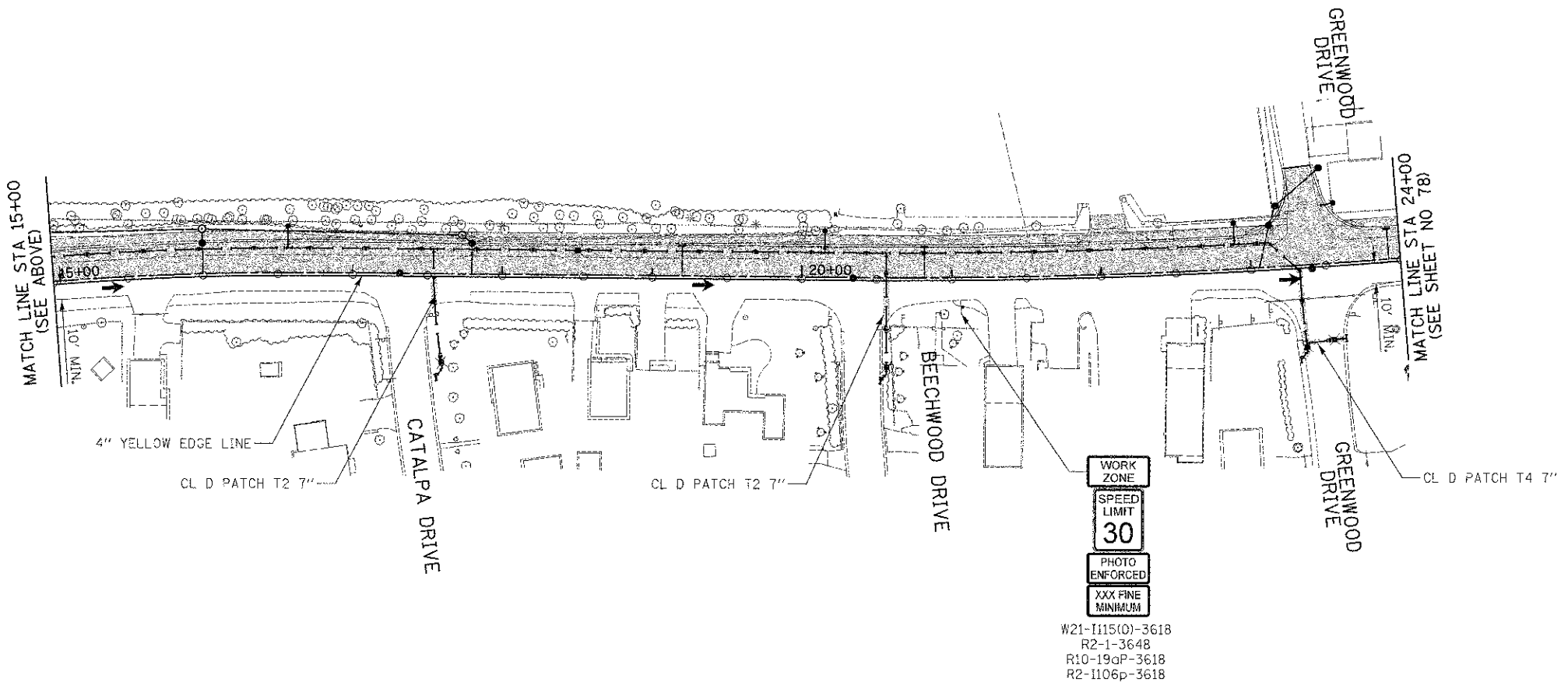
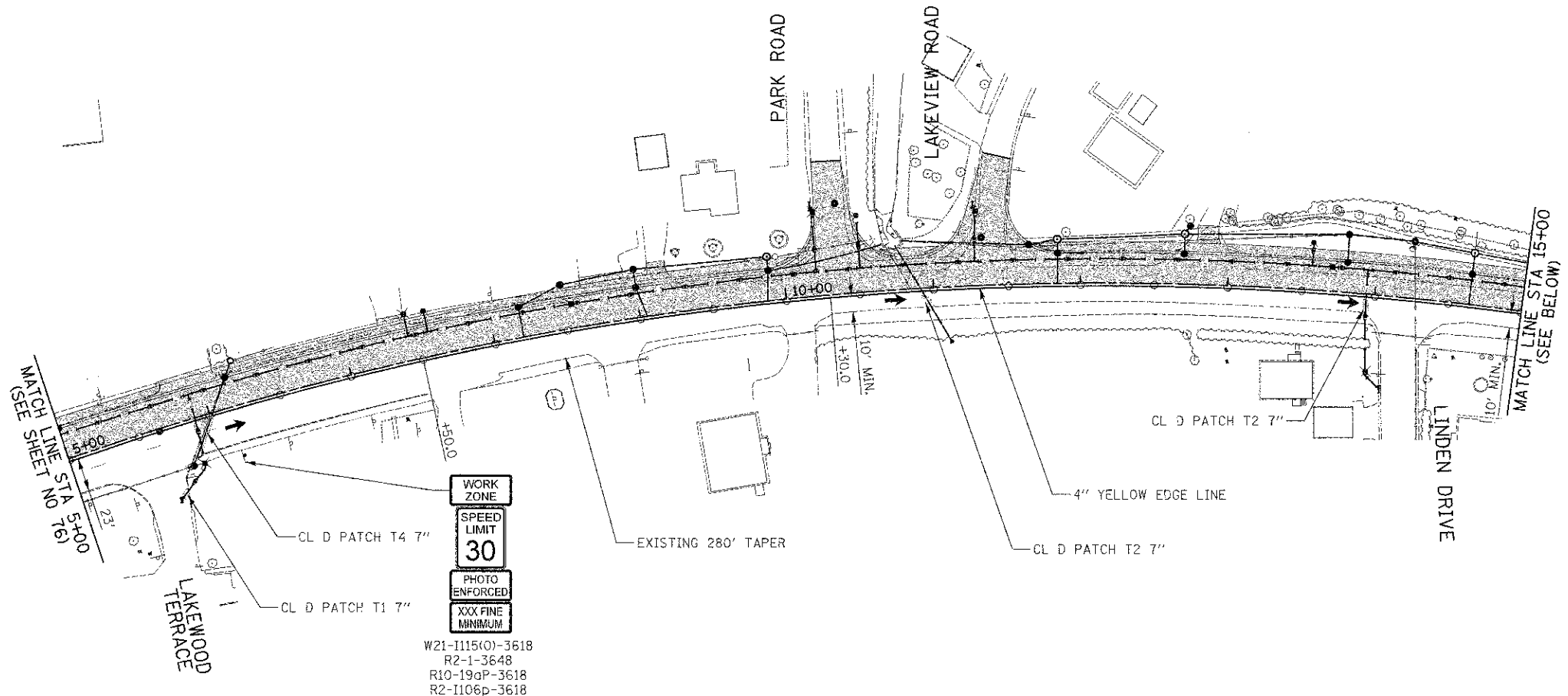
STAGES OF CONSTRUCTION STAGE I

SHEET NO. 1 OF 4 SHEETS | STA. 200+00 TO STA. 5+00

F.A.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0187	05-00121-07-WR	LAKE	223	76
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63765	

DATE	
BY	
FINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	



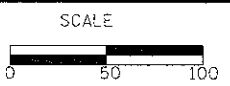
WASHINGTON STREET



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STAGES OF CONSTRUCTION STAGE I

SHEET NO. 2 OF 4 SHEETS | STA. 5+00 TO STA. 24+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0187	05-00121-07-WR	LAKE	223	77
CONTRACT NO. 63765				

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

DATE	
BY	
FINAL SURVEY	
ADJUSTED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
ADJUSTED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	



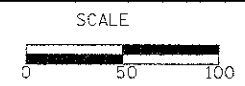
WORK ZONE
 SPEED LIMIT
 30
 PHOTO ENFORCED
 XXX FINE MINIMUM

W21-1115(0)-3618
 R2-1-3648
 R10-190P-3618
 R2-1106p-3618

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DATE - 1/7/2013	REVISED -

STATE OF ILLINOIS
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STAGES OF CONSTRUCTION STAGE I

SHEET NO. 3 OF 4 SHEETS STA. 24+00 TO STA. 43+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0187	05-00121-07-WR	LAKE	223	78
CONTRACT NO. 63765				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

BY	DATE
DESIGNED	
DRAWN	
CHECKED	
DATE	

DATE	BY	REVISION

BY	DATE

DATE	BY	REVISION

DESIGNED	
DRAWN	
CHECKED	
DATE	

ROAD CLOSED

R11-2-4830
(ON BARRICADE)
(SEE DETOUR PLAN
SHEET 75)



W6-310-3636

MATCH LINE STA 53+00
(SEE ABOVE)

RAVINE DRIVE

55+00

60+00

WASHINGTON STREET

HAINESVILLE ROAD

HAINESVILLE ROAD

MATCH LINE STA 43+50
(SEE SHEET NO 78)

4" YELLOW EDGE LINE
CL D PATCH T2 7"

PROSPECT DRIVE

PROSPECT DRIVE

45+00

GRANDVIEW DRIVE

GRANDVIEW DRIVE

50+00

ARBOR DRIVE

MATCH LINE STA 53+00
(SEE BELOW)

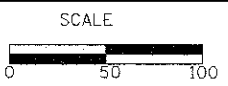
END WORK ZONE
SPEED LIMIT
G20-1103(0)-4824



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DATE - 1/7/2013	REVISED -

STATE OF ILLINOIS
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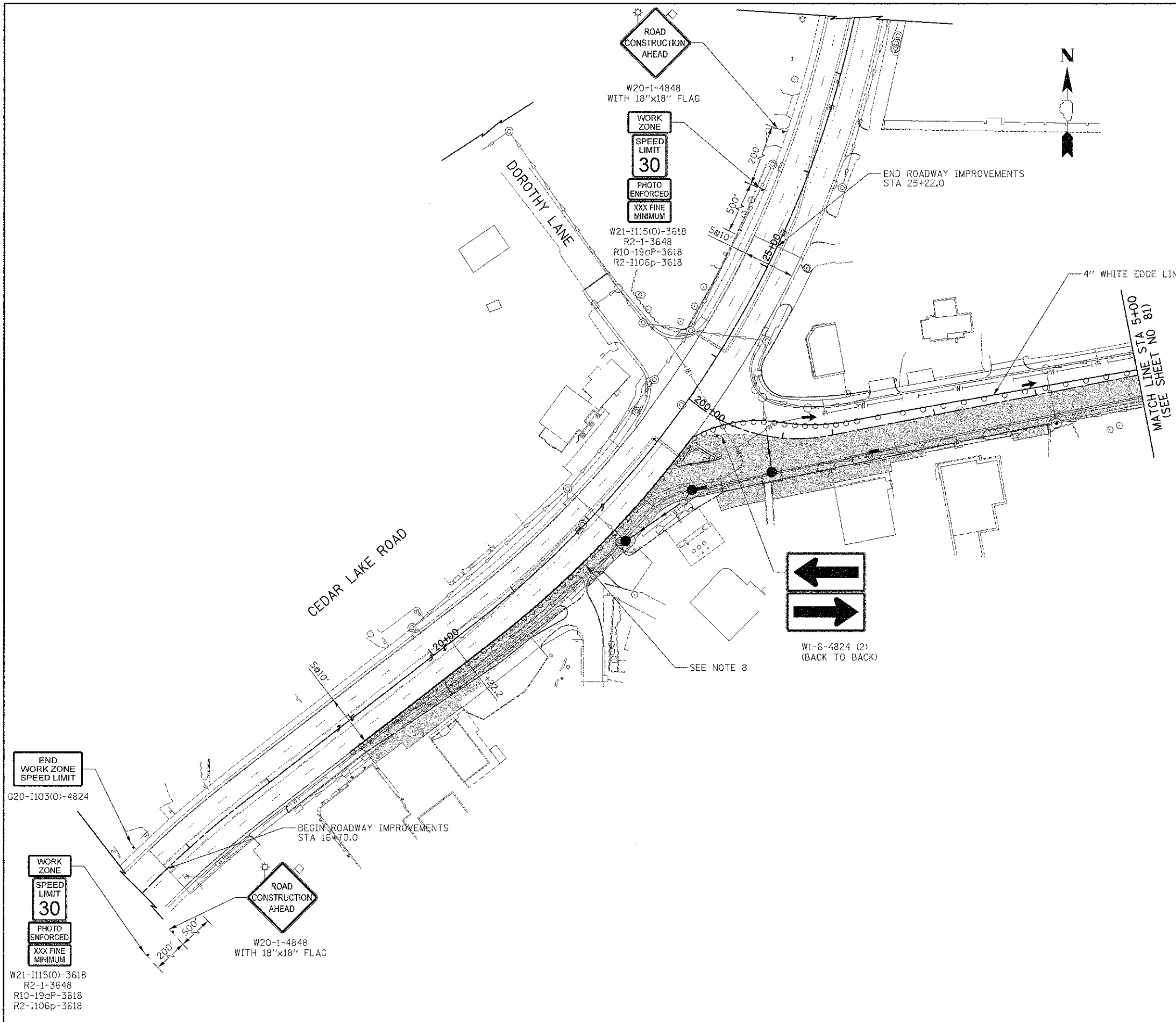
STAGES OF CONSTRUCTION STAGE I

SHEET NO. 4 OF 4 SHEETS | STA. 43+50 TO STA. 63+00

F.A.U. / RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0187	05-00121-07-WR	LAKE	225	79
CONTRACT NO. 63765				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	

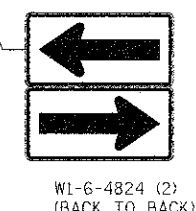
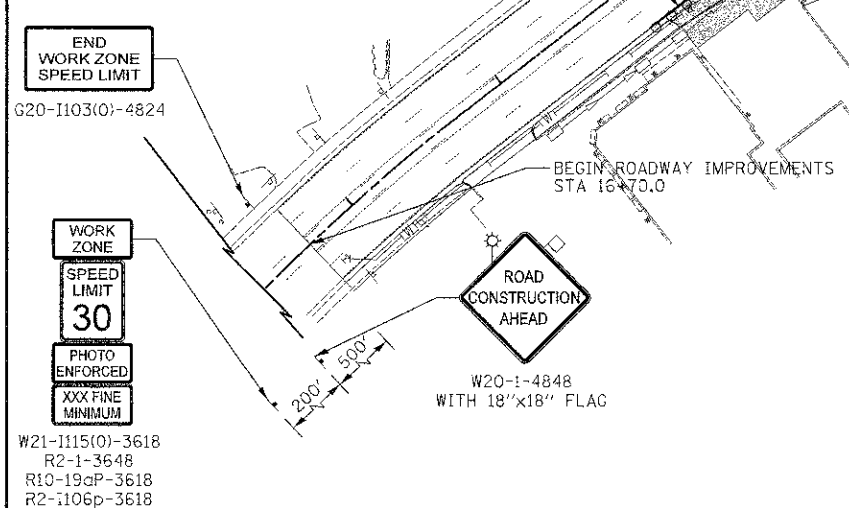
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	



LEGEND

	PERMANENT PAVING DURING STAGE 2
	STORM SEWER INSTALLED DURING STAGE 2
	EXISTING STORM SEWER AT BEGINNING OF STAGE 2
	TYPE II BARRICADES WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS @ 50' CTRS (20' SPACING IN TAPERS, 10' SPACING IN CORNER RADII)
	DIRECTION OF TRAFFIC PATTERNS DURING STAGE 2
	DRUMS OR TYPE II BARRICADES WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS & DIRECTION INDICATOR PANELS @ 25' CTRS
	TYPE III BARRICADE WITH FLASHING LIGHTS
	TEMPORARY TRAFFIC SIGN ON PERMANENT SUPPORT
	AMBER FLASHING LIGHT
	18" x 18" FLAG
TA (PE)	TEMPORARY ACCESS (PRIVATE ENTRANCE)
TA (CE)	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)

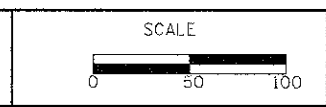
- NOTE:**
- SEE STAGES OF CONSTRUCTION TYPICAL SECTIONS FOR CONSTRUCTION PROCEDURE.
 - TEMPORARY TRAFFIC SIGNS SHALL BE PLACED PER IDOT STANDARD 701901.
 - REFERENCE IDOT STANDARDS FOR TAPERS.
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 - ALL TEMPORARY ACCESS LOCATIONS SHALL BE SIGNED ACCORDING TO LAKE COUNTY DETAIL, LC7201.
 - BINDER COURSE ON THE RIGHT TURN LANE ALONG CEDAR LAKE ROAD SHALL BE PLACED MAINTAINING TRAFFIC ON CEDAR LAKE ROAD PER STANDARD 70306. AFTER THE COMPLETION OF THIS WORK TYPE II BARRICADES SHALL BE PROVIDED JUST OUTSIDE OF CEDAR LAKE ROAD EDGE OF PAVEMENT.
 - TRAFFIC CONTROL FOR ALL INTERSECTIONS (SIDE ROADS) ALONG WASHINGTON STREET SHALL FOLLOW LCDOT DETAIL LC7004. SEE SHEET 75 FOR 'TYPICAL INTERSECTION ALONG WASHINGTON STREET' DETAIL.



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DATE - 1/7/2013	REVISED -

**STATE OF ILLINOIS
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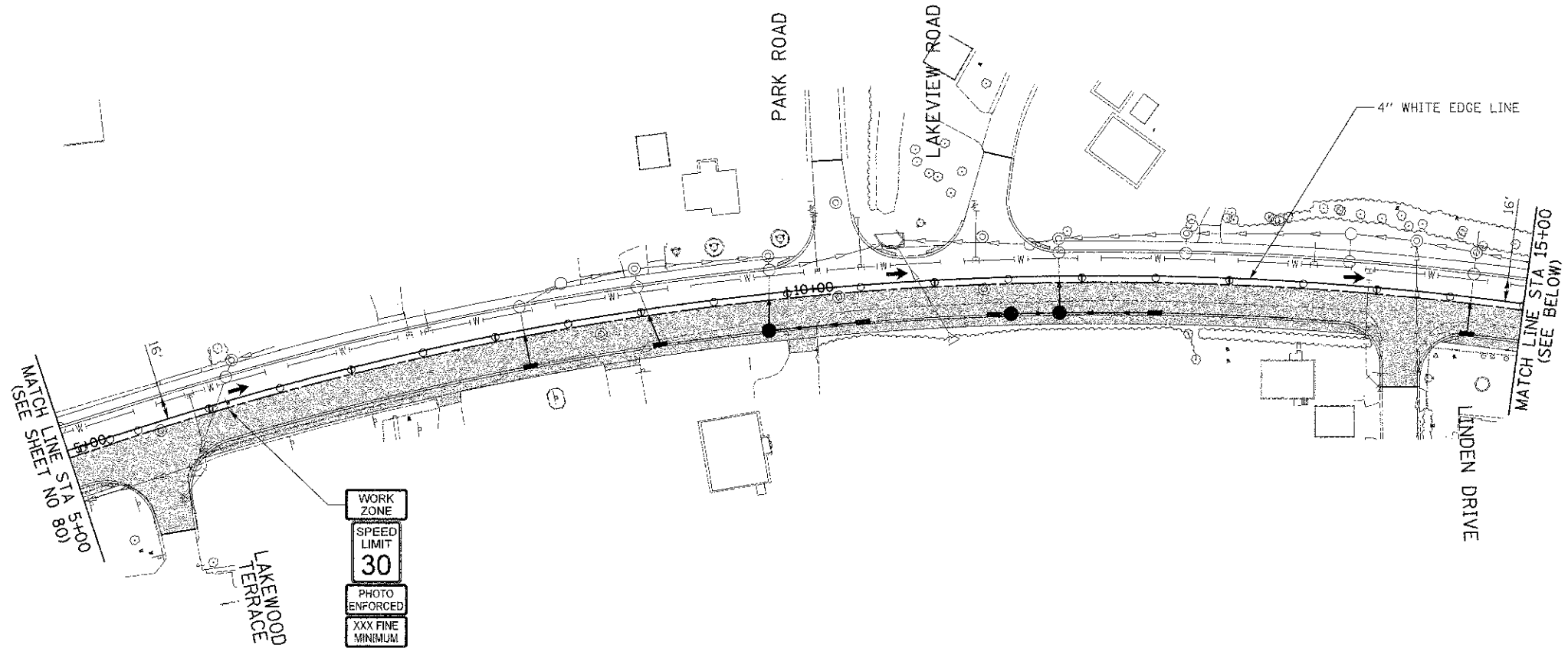
STAGES OF CONSTRUCTION STAGE II

SHEET NO. 4 OF 4 SHEETS STA. 200+00 TO STA. 5+00

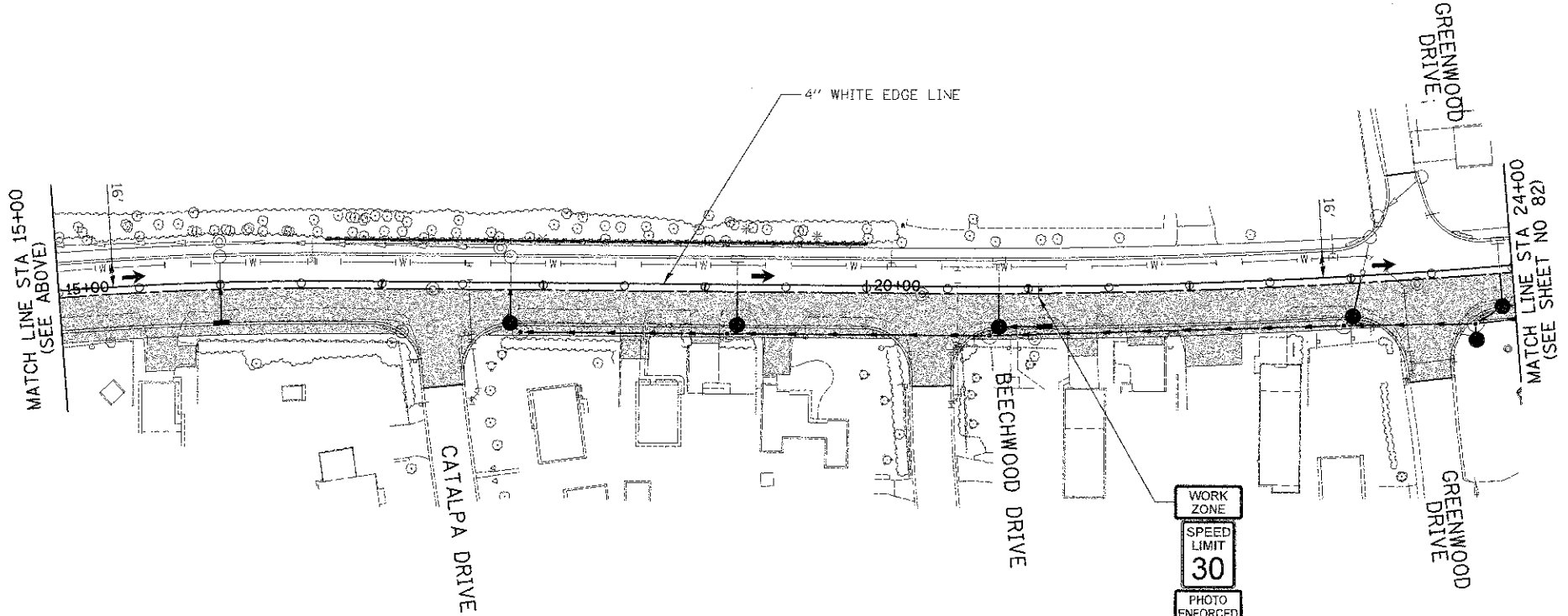
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0187	C5-00121-07-WR	LAKE	223	80
CONTRACT NO. 63765				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

BY	DATE
DESIGNED	
DRAWN	
CHECKED	
DATE	
REVISIONS	
NO.	
DATE	
DESCRIPTION	
BY	
DATE	
DESCRIPTION	
BY	
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DESCRIPTION	

DATE	
BY	
DESCRIPTION	
BY	
DATE	
DESCRIPTION	
BY	
DATE	
DESCRIPTION	
BY	
DATE	
DESCRIPTION	



WORK ZONE
 SPEED LIMIT
 30
 PHOTO ENFORCED
 XXX FINE MINIMUM
 W21-1115(0)-3618
 R2-1-3648
 R10-19aP-3618
 R2-1106p-3618



WORK ZONE
 SPEED LIMIT
 30
 PHOTO ENFORCED
 XXX FINE MINIMUM
 W21-1115(0)-3618
 R2-1-3648
 R10-19aP-3618
 R2-1106p-3618

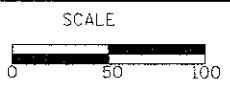


WASHINGTON STREET

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DRAWN	- JRR	REVISED	-
CHECKED	- RTM	REVISED	-
DATE	- 1/7/2013	REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**



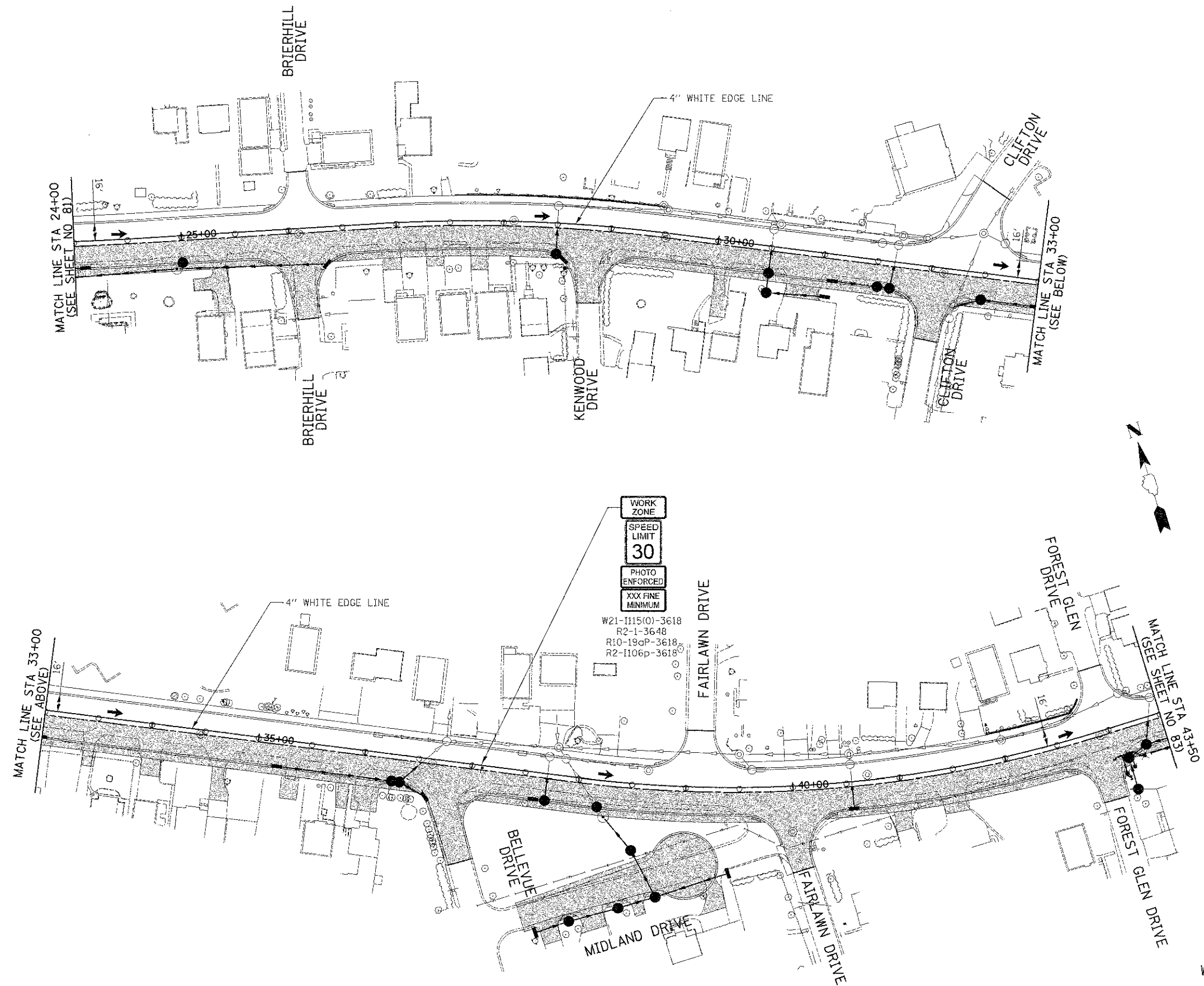
STAGES OF CONSTRUCTION STAGE II

SHEET NO. 2 OF 4 SHEETS STA. 5+00 TO STA. 24+00

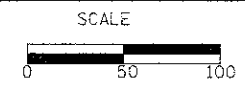
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0187	05-00121-07-WR	LAKE	223	81
CONTRACT NO. 63765				
FED. ROAD DIS. NO. 1 ILLINOIS FED. AID PROJECT				

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

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



WORK ZONE
 SPEED LIMIT
 30
 PHOTO ENFORCED
 XXX FINE MINIMUM
 W21-1115(0)-3618
 R2-1-3648
 R10-19aP-3618
 R2-1106p-3618



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DATE - 1/7/2013	REVISED -

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 DEPARTMENT OF TRANSPORTATION**

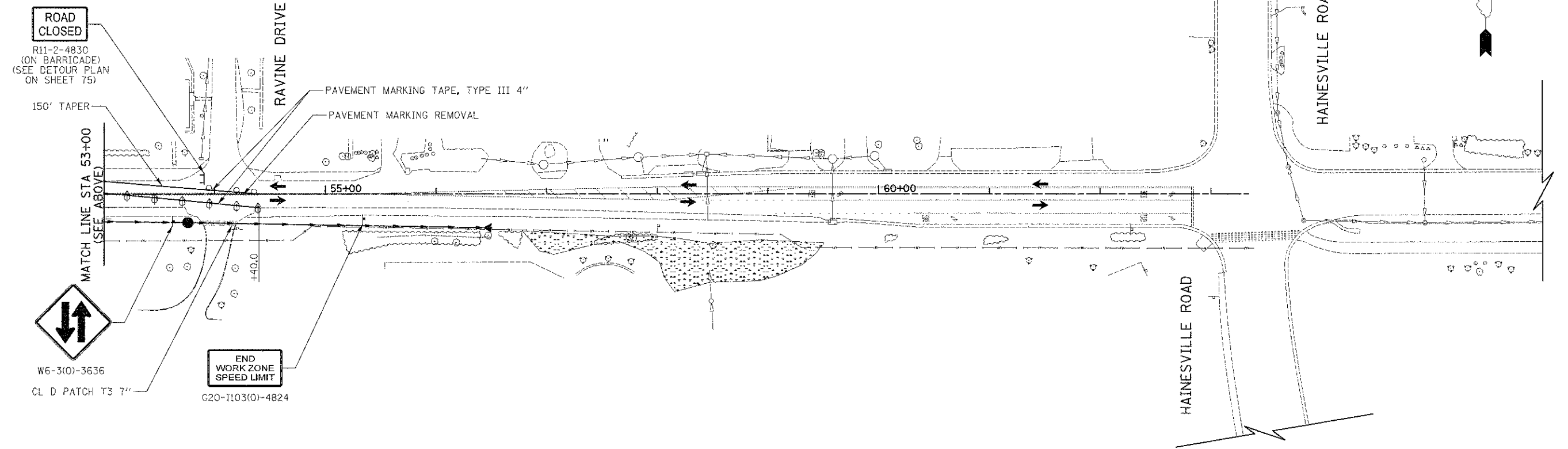
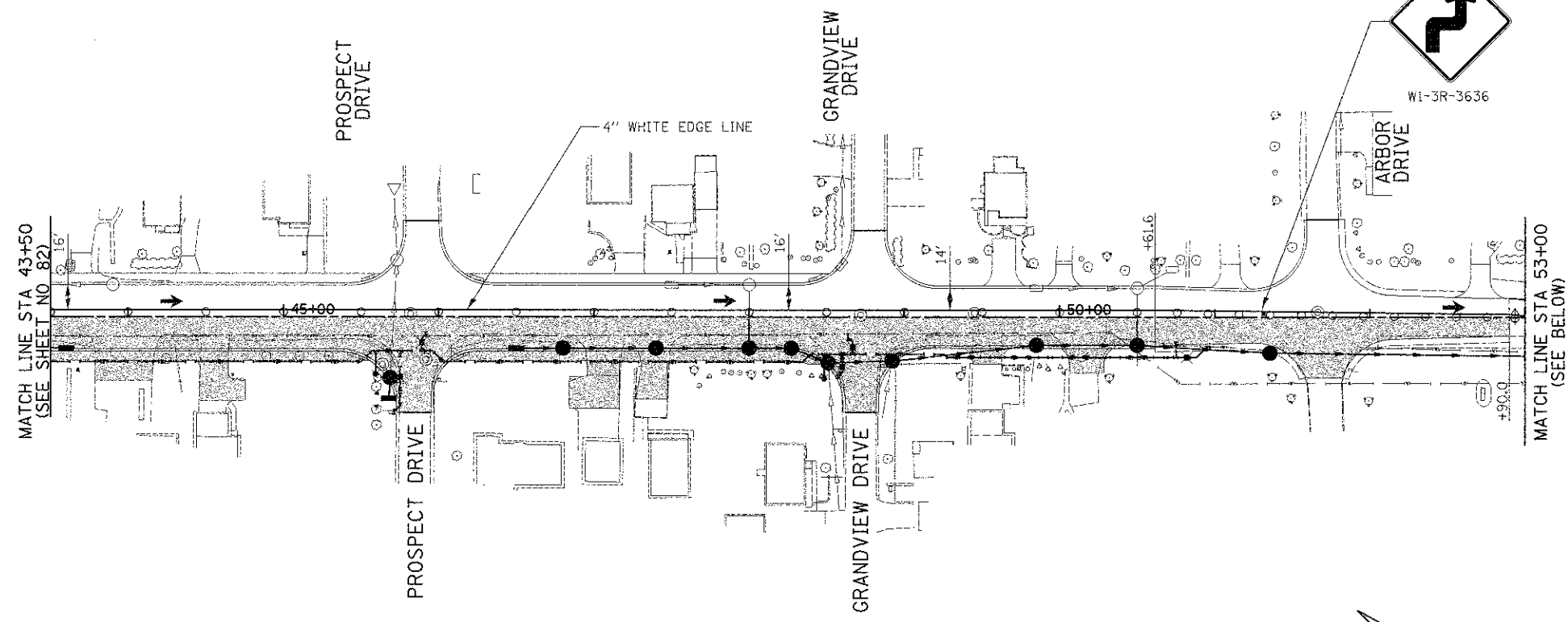
STAGES OF CONSTRUCTION STAGE II

SHEET NO. 3 OF 4 SHEETS STA. 24+00 TO STA. 43+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0187	05-00121-07-WR	LAKE	223	82
CONTRACT NO. 63765				
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				

DATE	BY
SURVEYED	
PLOTTED	
APPROVED	
AREAS CHECKED	

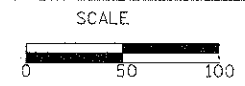
DATE	BY
SURVEYED	
PLOTTED	
APPROVED	
AREAS CHECKED	



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DATE - 1/7/2013	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**



STAGES OF CONSTRUCTION STAGE II
 SHEET NO. 4 OF 4 SHEETS STA. 43+50 TO STA. 63+00

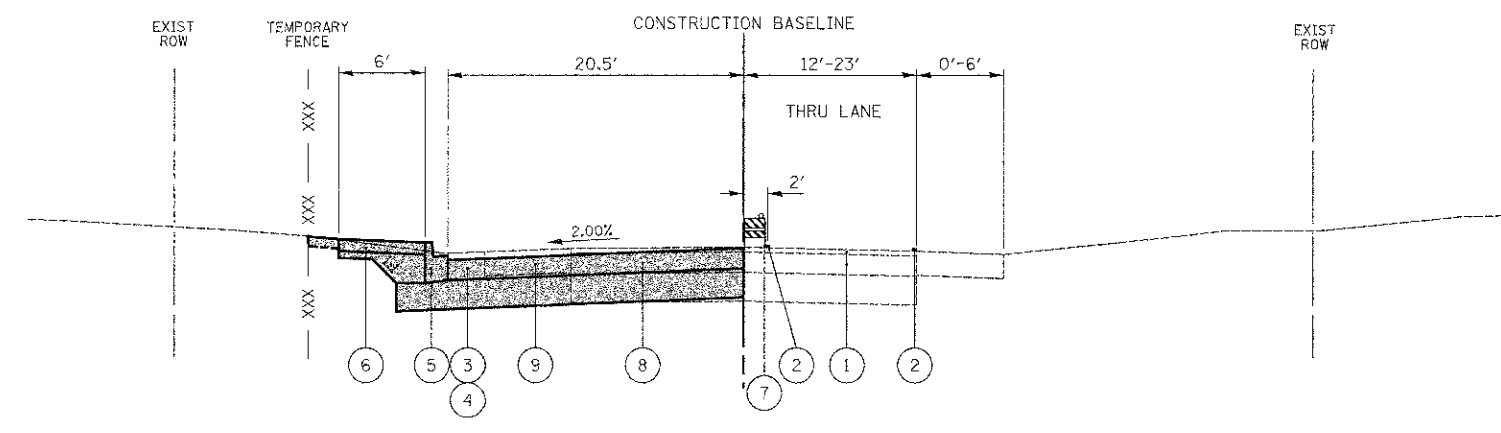
F.A.U. RTE. 0187	SECTION 05-00121-07-WR	COUNTY LAKE	TOTAL SHEETS 223	SHEET NO. 83
CONTRACT NO. 63765				
PED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
ORIGINAL SURVEY	
REVISED SURVEY	
NOTED SURVEY	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
REVISED SURVEY	
NOTED SURVEY	
NO.	

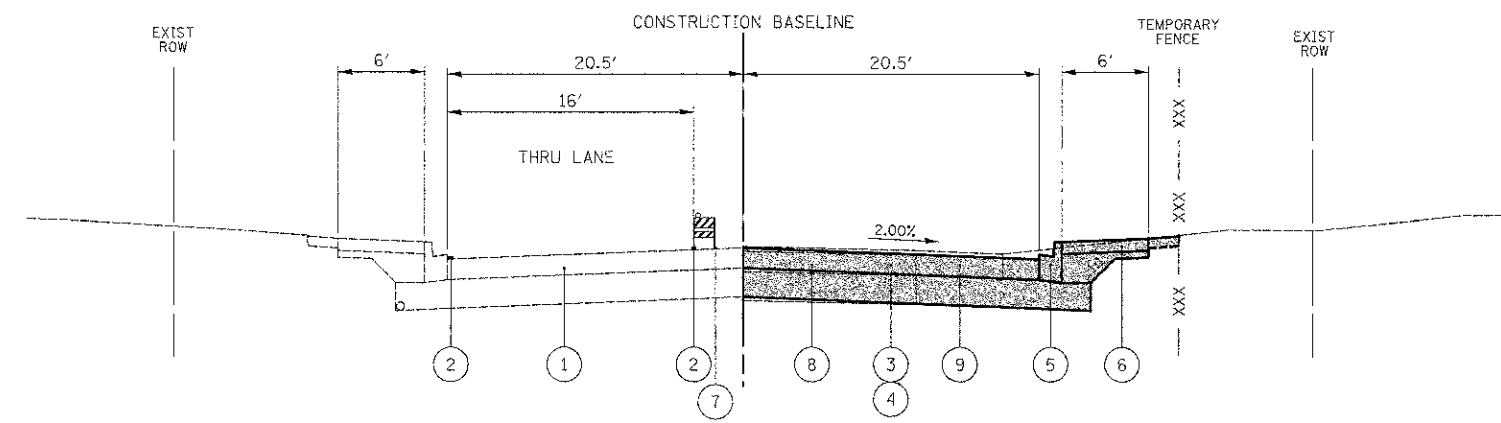
PROPOSED LEGEND

- ① EXISTING BITUMINOUS PAVEMENT
- ② PROPOSED TEMPORARY PAVEMENT MARKING (4" WHITE LINE)
- ③ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
- ④ PROPOSED AGGREGATE SUBGRADE, 12"
- ⑤ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑥ PROPOSED SIDEWALK
- ⑦ TYPE II BARRICADE (NON-METALLIC) W/ STEADY-BURN LIGHT
- ⑧ PAVEMENT REMOVAL
- ⑨ GRAVEL SHOULDER REMOVAL - PAID FOR AS "EARTH EXCAVATION"



TYPICAL SECTION WASHINGTON STREET - STAGE I
STA 200+00.00 TO STA 52+90.00

PERMANENT CONSTRUCTION DURING STAGE
(SEE STAGES OF CONSTRUCTION PLAN SHEETS)



TYPICAL SECTION WASHINGTON STREET - STAGE II
STA 200+00.00 TO STA 52+90.00

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

PRE-STAGE 1 (NOT ILLUSTRATED)	STAGE 1	STAGE 2	STAGE 3 (NOT ILLUSTRATED)
<ol style="list-style-type: none"> ERECT ALL ADVANCED CONSTRUCTION SIGNING. IMPLEMENT SOIL & SEDIMENT EROSION CONTROL PLAN AND PROVIDE TEMPORARY FENCE WHERE PERIMETER EROSION CONTROL BARRIER IS NOT SHOWN. TURN OFF AND COVER TRAFFIC SIGNALS AT THE CEDAR LAKE ROAD AND WASHINGTON STREET, AND INSTALL TEMPORARY TRAFFIC SIGNALS AND LIGHTING. REMOVE TREES AND RELOCATE TRAFFIC SIGNS WHERE NECESSARY. CONSTRUCT UTILITIES ON THE SOUTH SIDE OF WASHINGTON STREET THAT ARE CROSSING THE ONE-WAY TRAFFIC LANE AS SHOWN IN SOC STAGE I UTILIZING IDOT STANDARD 701301. MILL PAVEMENT ON CEDAR LAKE ROAD, MAINTAINING TRAFFIC PER STANDARD 701306, AND PROVIDE TEMPORARY RAMPS. REMOVE CONFLICTING PAVEMENT MARKINGS AND PLACE TEMPORARY MARKINGS, ERECT BARRICADES AND TEMPORARY TRAFFIC SIGNS AND SHIFT TRAFFIC. 	<ol style="list-style-type: none"> REMOVE EXISTING PAVEMENT AND CURB AND GUTTER ON THE NORTH SIDE OF WASHINGTON STREET. INSTALL DRAINAGE STRUCTURES, MAIN STORM SEWER, & STORM SEWER LATERALS ON NORTH SIDE OF WASHINGTON STREET AND ACROSS CEDAR LAKE ROAD. CONSTRUCT BASE COURSE, BINDER COURSE, CURB AND GUTTER, DRIVEWAYS, AND SIDEWALKS ON NORTH SIDE OF WASHINGTON STREET AND THE WEST SIDE OF CEDAR LAKE ROAD. CONSTRUCT BASE COURSE AND BINDER COURSE IN THE TRIANGULAR AREA NORTH OF PROPOSED MEDIAN ISLAND AT THE INTERSECTION OF WASHINGTON STREET AND CEDAR LAKE ROAD. PLACE PERMANENT LANDSCAPING ON NORTH SIDE OF WASHINGTON STREET. REMOVE CONFLICTING PAVEMENT MARKINGS AND PLACE TEMPORARY MARKINGS, RELOCATE BARRICADES, ADJUST TEMPORARY SIGNING, TEMPORARY TRAFFIC SIGNALS, AND SHIFT TRAFFIC ON WASHINGTON STREET AND CEDAR LAKE ROAD FOR STAGE II CONSTRUCTION. BEGIN INSTALLATION OF PERMANENT TRAFFIC SIGNALS. 	<ol style="list-style-type: none"> REMOVE EXISTING PAVEMENT AND CURB AND GUTTER ON THE SOUTH SIDE OF WASHINGTON STREET. CONSTRUCT ALL REMAINING STORM SEWERS ON THE SOUTH SIDE OF WASHINGTON STREET. CONSTRUCT BASE COURSE, BINDER COURSE, CURB AND GUTTER, DRIVEWAYS, SIDEWALKS, AND BIKEPATH ON SOUTH SIDE OF WASHINGTON STREET AND EAST SIDE OF CEDAR LAKE ROAD. PLACE PERMANENT LANDSCAPING ON SOUTH SIDE OF WASHINGTON STREET. REMOVE CONFLICTING PAVEMENT MARKINGS AND PLACE SHORT-TERM PAVEMENT MARKINGS, REMOVE BARRICADES, ADJUST TEMPORARY TRAFFIC SIGNALS, AND SHIFT TRAFFIC ON WASHINGTON STREET AND CEDAR LAKE ROAD FOR STAGE III CONSTRUCTION. 	<ol style="list-style-type: none"> PLACE SURFACE COURSE TO FINISHED GRADE ON WASHINGTON STREET AND CEDAR LAKE ROAD, MAINTAINING TRAFFIC PER STANDARD 701501, AND PLACE SHORT-TERM PAVEMENT MARKINGS AS REQUIRED. COMPLETE AND ACTIVATE ALL PERMANENT TRAFFIC SIGNAL INSTALLATIONS AND REMOVE TEMPORARY SIGNALS. REMOVE ALL CONFLICTING PAVEMENT MARKINGS, PLACE PERMANENT PAVEMENT MARKINGS AND PERMANENT SIGNING, AND REMOVE ALL TEMPORARY TRAFFIC SIGNS. COMPLETE ALL REMAINING LANDSCAPING AND CLEAN-UP WORK.

SEDIMENTATION AND EROSION CONTROL NOTES

- SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.
- SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
- DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN 14 CALENDAR DAYS OF THE END OF ACTIVE HYDROLOGIC DISTURBANCE, OR REDISTURBANCE.
- AREAS OR EMBANKMENTS HAVING SLOPES GREATER THAN OR EQUAL TO 3H:1V, AND APPROVED BY THE ENFORCEMENT OFFICER, SHALL BE STABILIZED WITH SOD, MAT, OR BLANKET IN COMBINATION WITH SEEDING.
- EROSION CONTROL BLANKET SHALL BE REQUIRED ON ALL INTERIOR DETENTION BASIN/CHANNEL SIDE SLOPES BETWEEN NORMAL WATER LEVEL AND HIGH WATER LEVEL.
- ALL STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.
- ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE PROPERTY OWNER SHALL BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE AND REPAIR.
- IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURES (E.G. SEDIMENT TRAP, SEDIMENT BASIN, OR OTHER APPROPRIATE MEASURE.)
- THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER OR GOVERNING AGENCY.
- QUANTITIES HAVE BEEN PROVIDED FOR TEMPORARY FENCE, EROSION CONTROL BLANKET, HEAVY DUTY EROSION CONTROL BLANKET, SPECIAL SEEDING, FLOCCULATION LOGS, FLOCCULATION POWDER, TEMPORARY SEEDING, TEMPORARY DITCH CHECKS, PERMEABLE PLASTIC BERMS AND EARTH EXCAVATION FOR EROSION CONTROL TO BE USED AT THE DIRECTION OF THE RESIDENT ENGINEER.

NPDES STATEMENT:

THIS PROJECT DISTURBS 15.3 ACRES OF TOTAL LAND AREA. COMPLIANCE WITH THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) STORMWATER PERMIT IS ONLY NECESSARY IF A PROJECT DISTURBS 1.0 OR MORE ACRES OF TOTAL LAND AREA; AN NPDES STORMWATER PERMIT IS REQUIRED FOR THIS PROJECT.

ESTIMATED QUANTITIES:

- | | |
|---|------------------------------------|
| 4,394 FEET - PERIMETER EROSION BARRIER | 3 EACH - INLET AND PIPE PROTECTION |
| 130 EACH - INLET FILTERS | |
| 15,743 SQ YD - SODDING | |
| 0.25 ACRE - SEEDING, CLASS 1 (MODIFIED) | |
| 336 POUND - TEMPORARY EROSION CONTROL SEEDING | |
| 16,080 SQ YD - TOPSOIL FURNISH AND PLACE, 4" | |
| 12,132 FEET - TEMPORARY FENCE | |
| 16,080 SQ YD - EROSION CONTROL BLANKET | |
| 100 SQ YD - HEAVY DUTY EROSION CONTROL BLANKET, SPECIAL (AKA - EROSION CONTROL MAT) | |
| 200 EACH - FLOCCULATION LOGS | |
| 25 POUND - FLOCCULATION POWDER | |
| 90 EACH - TREE PROTECTION & PRESERVATION | |
| 84 FEET - TEMPORARY DITCH CHECKS | |
| 84 FEET - TEMPORARY DITCH CHECKS (SPECIAL) (AKA -PERMEABLE PLASTIC BERMS) | |

DRAINAGE BASINS OF LAKE COUNTY

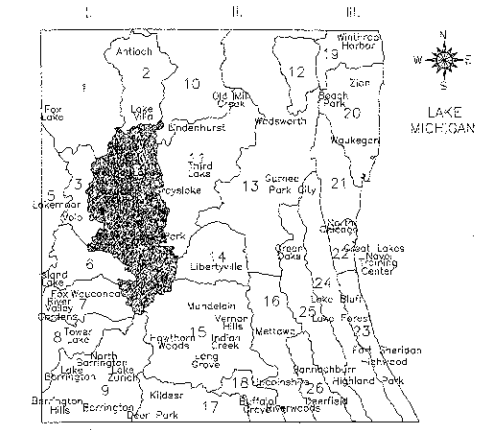
- FOX RIVER WATERSHED
 - Upper Fox River
 - Squaw Creek
 - Fish Lake Drain
 - Squaw Creek
 - Lower Fox River
 - Mutton Creek
 - Sycum Lake Drain
 - Tower Lake Drain
 - Fint Creek
- DES PLAINES RIVER WATERSHED
 - North Mia Creek
 - Mill Creek
 - Newport Drainage Ditch
 - Upper Des Plaines River
 - Bull Creek
 - Indian Creek
 - Lower Des Plaines River
 - Buffalo Creek
 - Aptokisic Creek
- LAKE MICHIGAN WATERSHED
 - Kellogg Creek
 - Deco River
 - Waukegan River
 - Pettibone Creek
 - Bluff/Ravine
- CHICAGO RIVER WATERSHED
 - Skokie River
 - Middle Fork
 - West Fork

NOTE:

- EROSION CONTROL SHEETS REFLECT FINAL LANDSCAPING. REFER TO STAGES OF CONSTRUCTION SHEETS FOR CONSTRUCTION SEQUENCING.
- PERIMETER EROSION BARRIER SHALL BE INSTALLED 1 FOOT FROM RIGHT-OF-WAY OR EASEMENT. REFERENCE THE PLAT OF HIGHWAY SHEETS FOR STATIONS AND OFFSETS.
- QUANTITY OF DEWATERING PROVIDED TO COVER THE COST OF KEEPING THE CONSTRUCTION SITE DRY THROUGHOUT THE PROJECT. QUANTITY OF SEDIMENT COLLECTION CHAMBER SYSTEM, TEMPORARY PROVIDED AS MEANS OF CLEANING THE STORM RUNOFF OR WATER PRODUCED BY DEWATERING WHEN DOING CONSTRUCTION ON THE PROXIMITY OF ROUND LAKE, PARTICULARLY AT DAVE'S CHANNEL.
- HALF TRAPS SHALL BE PROVIDED THROUGHOUT THE PROJECT WHERE INDICATED TO PROVIDE A MEANS OF KEEPING STORM SEWER OUTFALLS CLEAN. THE DROP PORTION OF INLET SHALL RETAIN ALL SOLID MATERIAL AND THE TRAP SHALL PREVENT ALL FLOATING DEBRIS FROM ENTERING OUTLET PIPE. THE COST OF CONSTRUCTING HALF TRAPS SHALL BE INCLUDED IN THE COST OF THE CATCH BASIN BEING CONSTRUCTED.

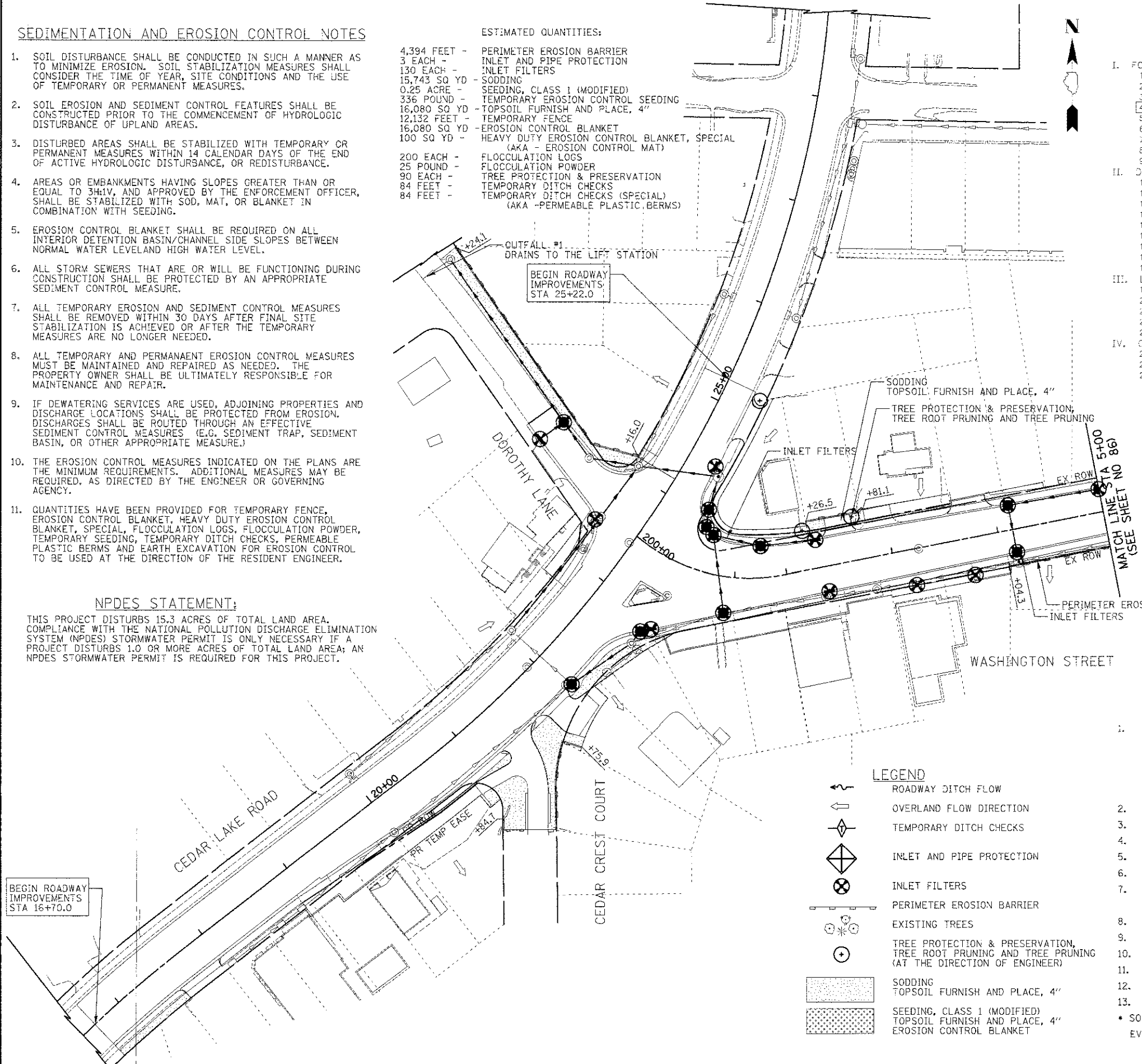
SMC TYPICAL CONSTRUCTION SEQUENCE

- INSTALLATION OF SOIL EROSION AND SEDIMENT CONTROL SE/SC MEASURES
 - SELECTIVE VEGETATION REMOVAL FOR SILT FENCE INSTALLATION
 - SILT FENCE INSTALLATION
 - CONSTRUCTION FENCING AROUND AREAS NOT TO BE DISTURBED
- TREE REMOVAL WHERE NECESSARY (CLEAR & GRUB)
- CONSTRUCT SEDIMENT TRAPPING DEVICES (SEDIMENT TRAPS, BASINS, ETC.)
- STRIP TOPSOIL, STOCKPILE TOPSOIL AND GRADE SITE
- TEMPORARILY STABILIZE TOPSOIL STOCKPILES (SEED AND SILT FENCE AROUND TOE OF SLOPE)
- INSTALL STORM SEWER, SANITARY SEWER, WATER AND ASSOCIATED INLET & OUTLET PROTECTION
- PERMANENTLY STABILIZE DETENTION BASINS/CHANNELS/SENSITIVE WITH SEED AND EROSION CONTROL BLANKET
- TEMPORARILY STABILIZE ALL AREAS LOTS THAT HAVE REACHED TEMPORARY GRADE
- INSTALL ROADWAYS
- PERMANENTLY STABILIZE ALL OUTLET AREAS
- INSTALL STRUCTURES AND GRADE THE SITE
- PERMANENTLY STABILIZE THE SITE
- REMOVE ALL TEMPORARY SE/SC MEASURES AFTER THE SITE IS STABILIZED WITH VEGETATION
 - SOIL EROSION AND SEDIMENT CONTROL MAINTENANCE MUST OCCUR EVERY TWO WEEKS AND AFTER EVERY 1/2" OR GREATER RAINFALL EVENT.



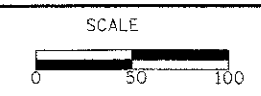
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LEGEND

- ROADWAY DITCH FLOW
- OVERLAND FLOW DIRECTION
- TEMPORARY DITCH CHECKS
- INLET AND PIPE PROTECTION
- INLET FILTERS
- PERIMETER EROSION BARRIER
- EXISTING TREES
- TREE PROTECTION & PRESERVATION, TREE ROOT PRUNING AND TREE PRUNING (AT THE DIRECTION OF ENGINEER)
- SODDING
- TOPSOIL FURNISH AND PLACE, 4"
- SEEDING, CLASS 1 (MODIFIED) TOPSOIL FURNISH AND PLACE, 4"
- EROSION CONTROL BLANKET

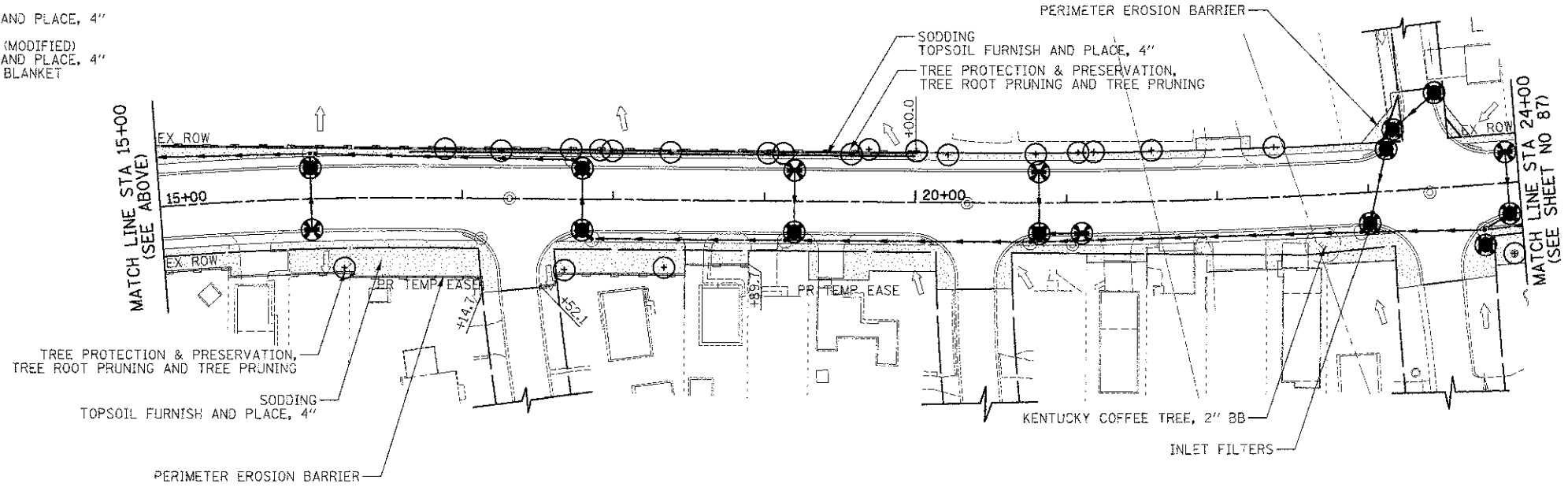
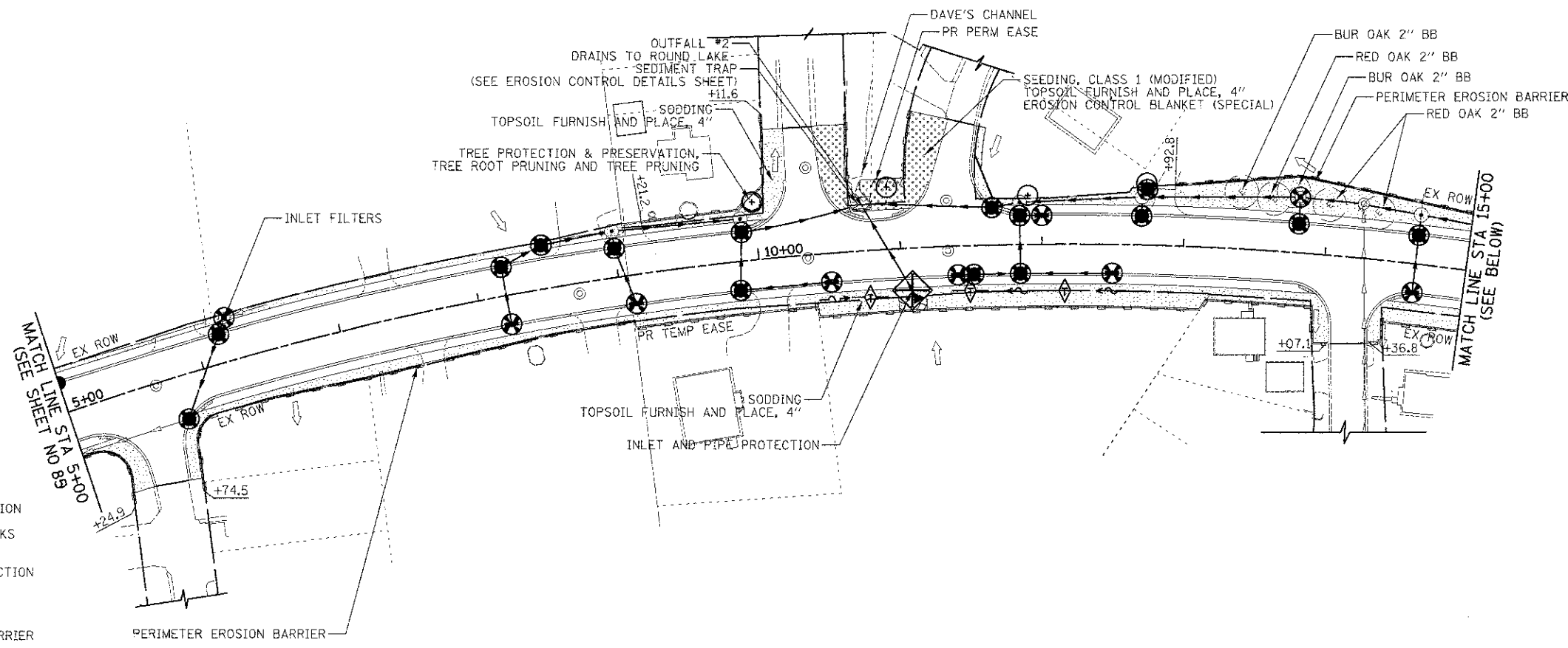


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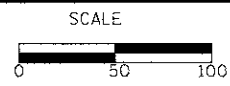
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- OVERLAND FLOW DIRECTION
- TEMPORARY DITCH CHECKS
- INLET AND PIPE PROTECTION
- INLET FILTERS
- PERIMETER EROSION BARRIER
- EXISTING TREES
- TREE PROTECTION & PRESERVATION, TREE ROOT PRUNING AND TREE PRUNING (AT THE DIRECTION OF ENGINEER)
- SODDING
- TOPSOIL FURNISH AND PLACE, 4"
- SEEDING, CLASS 1 (MODIFIED) TOPSOIL FURNISH AND PLACE, 4" EROSION CONTROL BLANKET



CIVILTECH
 450 E Devon Ave, Suite 300
 Itasca, Illinois 60143
 Tel: 630 773 3900 Fax: 630 773 3975
 www.civiltechinc.com

DESIGNED - PK	REVISED -
DRAWN - JRR	REVISED -
CHECKED - RTM	REVISED -
DATE - 12/17/2012	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**



EROSION CONTROL PLAN

SHEET NO. 2 OF 6 SHEETS 5+00 24+00

F.A.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0187	05-00121-07-WR	LAKE	223	86
CONTRACT NO. 63765				

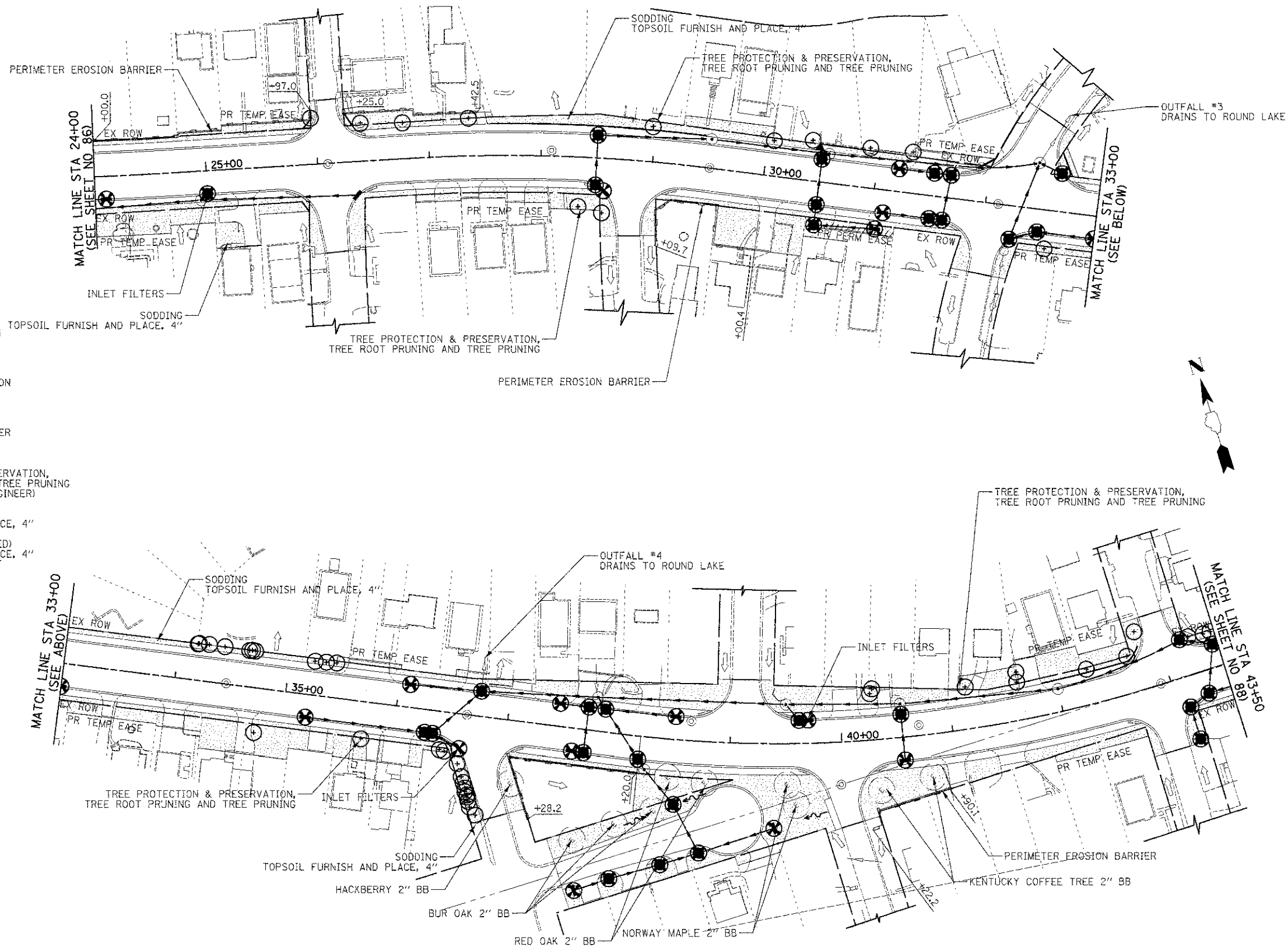
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

DATE	
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DESIGNED	PK
DRAWN	JRR
CHECKED	RTM
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CHECKED	RTM
DATE	12/17/2012

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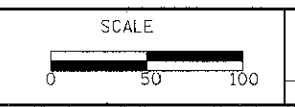
- ROADWAY DITCH FLOW
- OVERLAND FLOW DIRECTION
- TEMPORARY DITCH CHECKS
- INLET AND PIPE PROTECTION
- INLET FILTERS
- PERIMETER EROSION BARRIER
- EXISTING TREES
- TREE PROTECTION & PRESERVATION, TREE ROOT PRUNING AND TREE PRUNING (AT THE DIRECTION OF ENGINEER)
- SODDING TOPSOIL FURNISH AND PLACE, 4"
- SEEDING, CLASS 1 (MODIFIED) TOPSOIL FURNISH AND PLACE, 4" EROSION CONTROL BLANKET



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 450 E Devon Ave, Suite 300
 Itasca, Illinois 60143
 Tel: 630.773.3900 Fax: 630.773.3975
 www.civiltechinc.com

DESIGNED	- PK	REVISED	-
DRAWN	- JRR	REVISED	-
CHECKED	- RTM	REVISED	-
DATE	- 12/17/2012	REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**



EROSION CONTROL PLAN

SHEET NO. 3 OF 6 SHEETS STA. 24+00 TO STA. 43+50













F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				CONTRACT NO. 63765

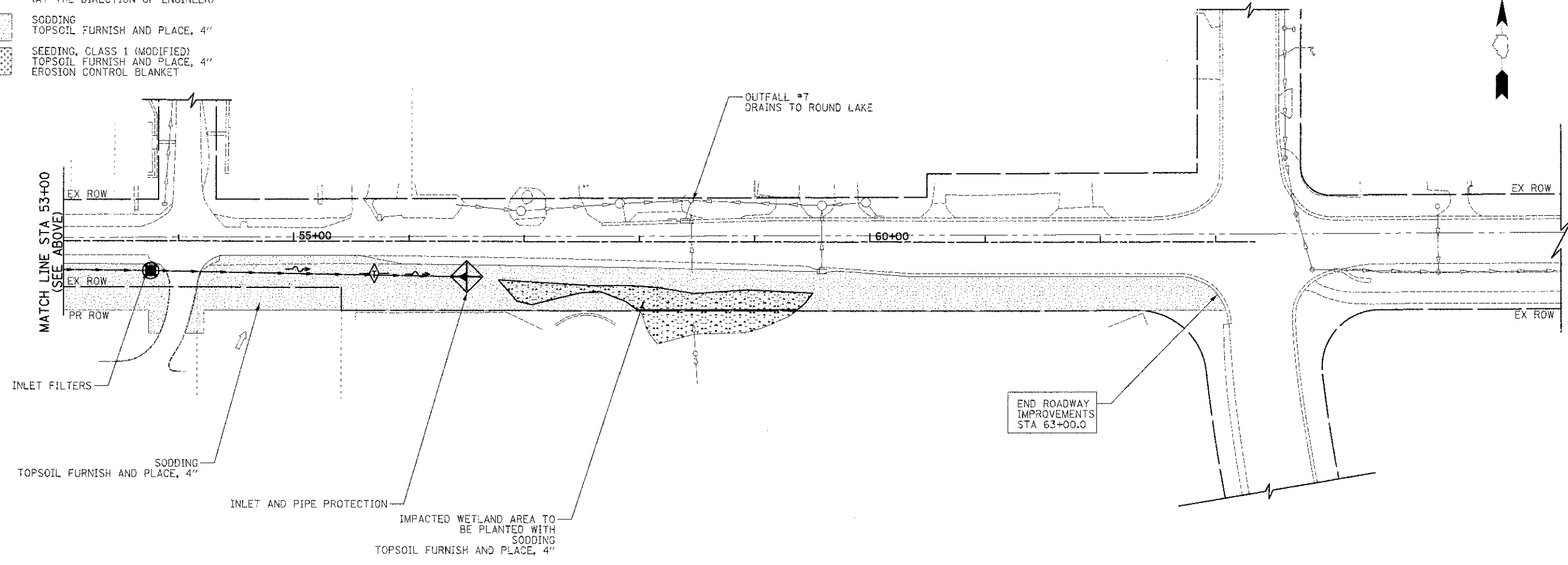
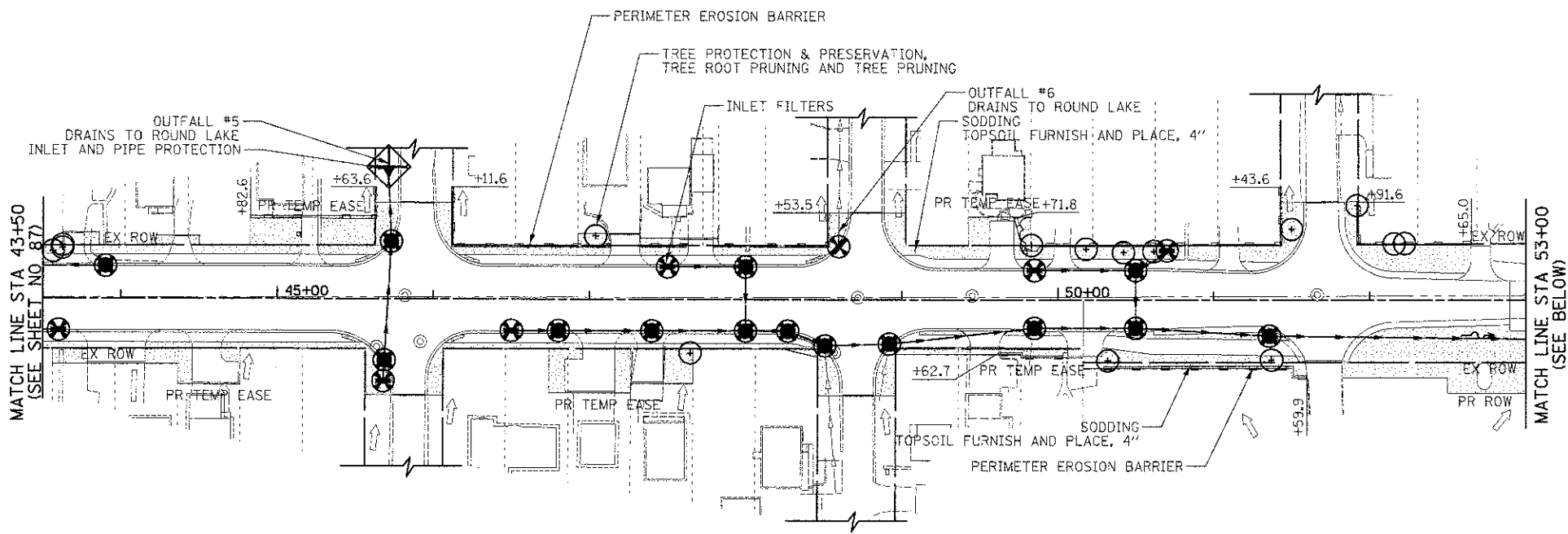
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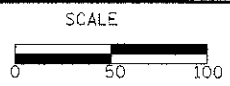
-  ROADWAY DITCH FLOW
-  OVERLAND FLOW DIRECTION
-  TEMPORARY DITCH CHECKS
-  INLET AND PIPE PROTECTION
-  INLET FILTERS
-  PERIMETER EROSION BARRIER
-  EXISTING TREES
-  TREE PROTECTION & PRESERVATION, TREE ROOT PRUNING AND TREE PRUNING (AT THE DIRECTION OF ENGINEER)
-  SODDING
-  SEEDING, CLASS 1 (MODIFIED)
-  TOPSOIL FURNISH AND PLACE, 4"
-  EROSION CONTROL BLANKET



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DESIGNED	- PK	REVISED	-
DRAWN	- JRR	REVISED	-
CHECKED	- RTM	REVISED	-
DATE	- 12/17/2012	REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

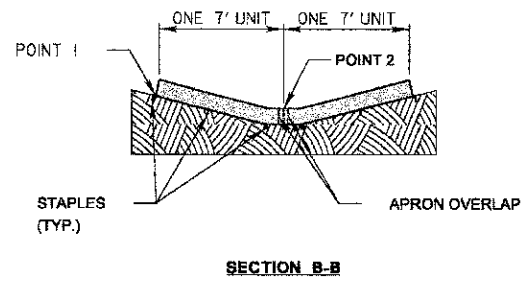
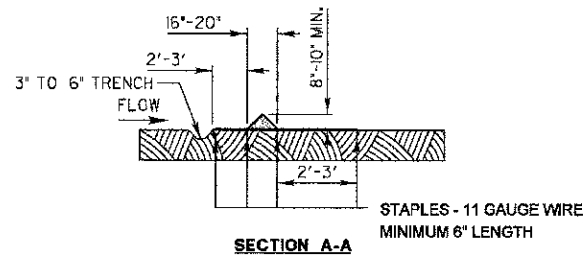
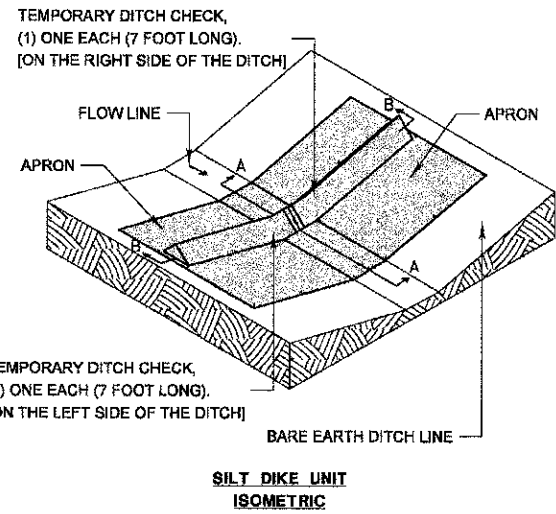


EROSION CONTROL PLAN

SHEET NO. 4 OF 6 SHEETS : STA. 43+50 TO STA. 63+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
G187	05-00121-07-WR	LAKE	223	88
				CONTRACT NO. 63765
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FOR BARE EARTH APPLICATION ONLY



NOTES:
THE TEMPORARY DITCH CHECK SHALL BE USED IN BARE EARTH DITCH LINES AND SHALL BE REMOVED JUST PRIOR TO THE INSTALLATION OF EROSION CONTROL BLANKET AND SEEDING.

THE INSTALLATION SHOWN WILL BE MEASURED AND PAID FOR AS A TEMPORARY DITCH CHECK 14 FEET IN LENGTH.

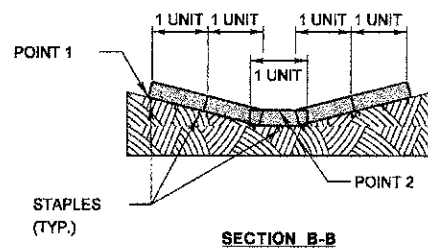
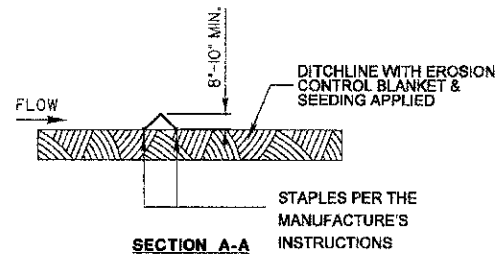
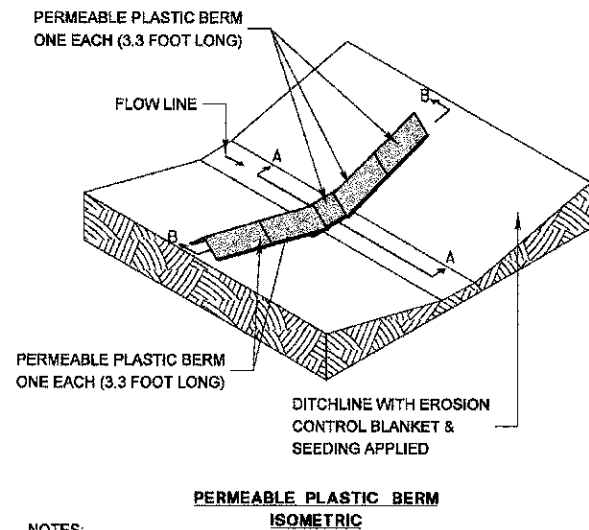
STAPLES SHALL BE PLACED WHERE THE UNITS OVERLAP AND IN THE CENTER OF THE 7' UNIT AS SHOWN ON THE DIAGRAM.

POINT 1 MUST BE HIGHER THAN POINT 2 TO INSURE THAT WATER FLOWS OVER THE DIKE AND NOT AROUND THE ENDS.

REVISIONS	DATE	APPROVED BY: M. G. ZEMAITIS
ADDED DIMENSIONS	04/16/08	DATE: APRIL 1, 2007
REVISED PAY ITEM	04/16/10	
ADDED PLASTIC BERM (pg2)	10/10/12	

TEMPORARY DITCH CHECK INSTALLATION FOR ROADWAY OR DRAINAGE DITCH
(SHEET 1 OF 2)

FOR USE WHILE ESTABLISHING FINAL LANDSCAPING



NOTES:
THE PERMEABLE PLASTIC BERM SHALL REPLACE THE TEMPORARY DITCH CHECK AFTER THE INSTALLATION OF EROSION CONTROL BLANKET AND SEEDING.

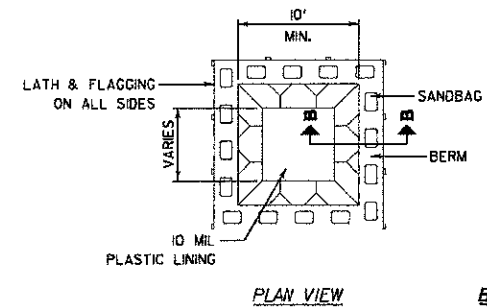
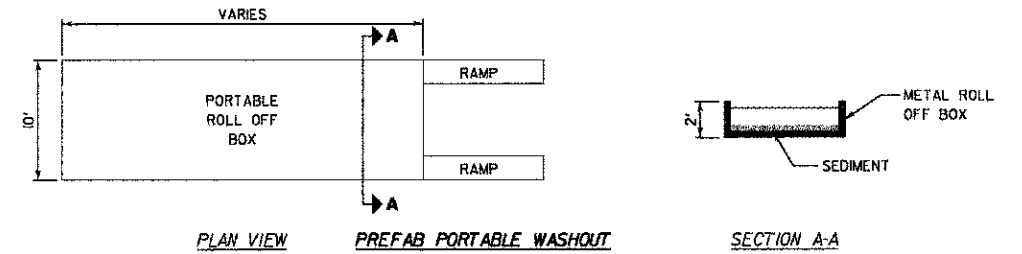
EACH PERMEABLE PLASTIC BERM IS 3.3 FEET IN LENGTH. THE MINIMUM INSTALLATION IN A DITCH SHALL BE THREE UNITS. THE INSTALLATION SHOWN WILL BE MEASURED AND PAID FOR AS A PERMEABLE PLASTIC BERM 16.5 FEET IN LENGTH (5 UNITS).

STAPLES SHALL BE PLACED WHERE THE UNITS OVERLAP AND ACCORDING TO THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.

POINT 1 MUST BE HIGHER THAN POINT 2 TO INSURE THAT WATER FLOWS THROUGH OR OVER THE BERM AND NOT AROUND THE ENDS.

REVISIONS	DATE	APPROVED BY: M. G. ZEMAITIS
ADDED DIMENSIONS	04/16/08	DATE: APRIL 1, 2007
REVISED PAY ITEM	04/16/10	
ADDED PLASTIC BERM (pg2)	10/10/12	

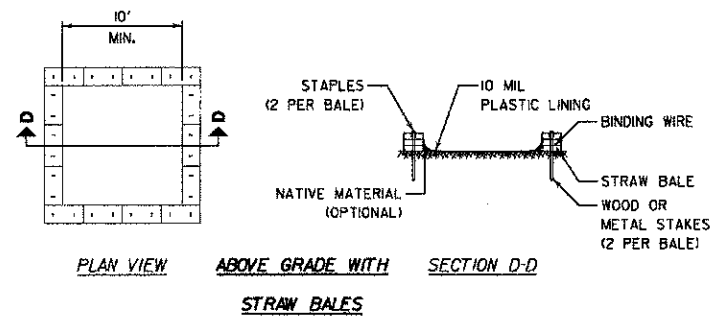
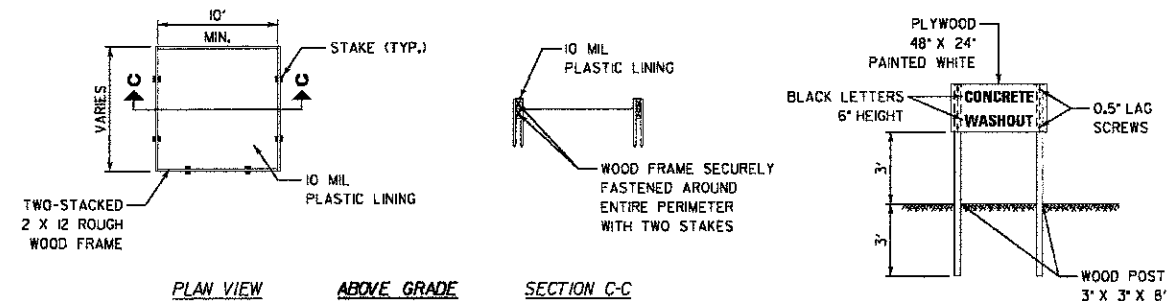
TEMPORARY DITCH CHECK INSTALLATION FOR ROADWAY OR DRAINAGE DITCH
(SHEET 2 OF 2)



NOTES:
1. ACTUAL LAYOUT DETERMINED IN FIELD.
2. OTHER WASHOUT DESIGNS MAY BE USED IF APPROVED BY THE ENGINEER.
3. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FEET OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

REVISIONS	DATE	APPROVED BY: MGZ
		DATE: March 17, 2008

CONCRETE WASHOUT FACILITIES
SHEET 1 OF 2



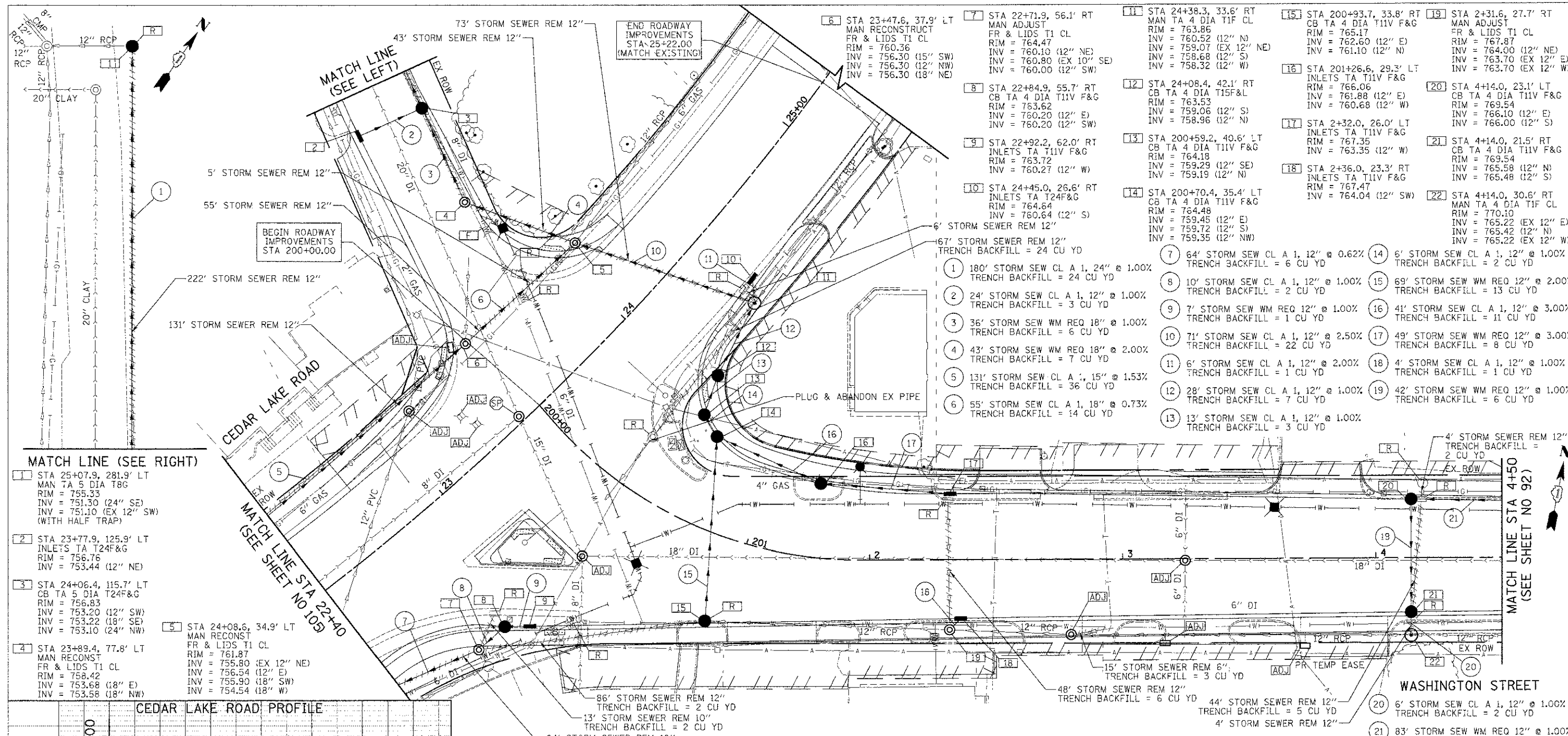
NOTES:
1. ACTUAL LAYOUT DETERMINED IN FIELD.
2. OTHER WASHOUT DESIGNS MAY BE USED IF APPROVED BY THE ENGINEER.
3. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FEET OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

REVISIONS	DATE	APPROVED BY: MGZ
		DATE: March 17, 2008

CONCRETE WASHOUT FACILITIES
SHEET 2 OF 2

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BY	
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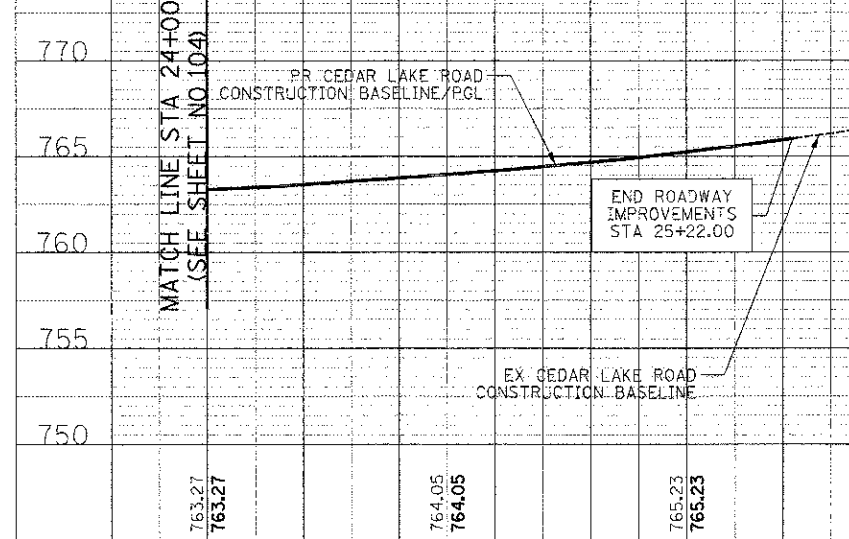
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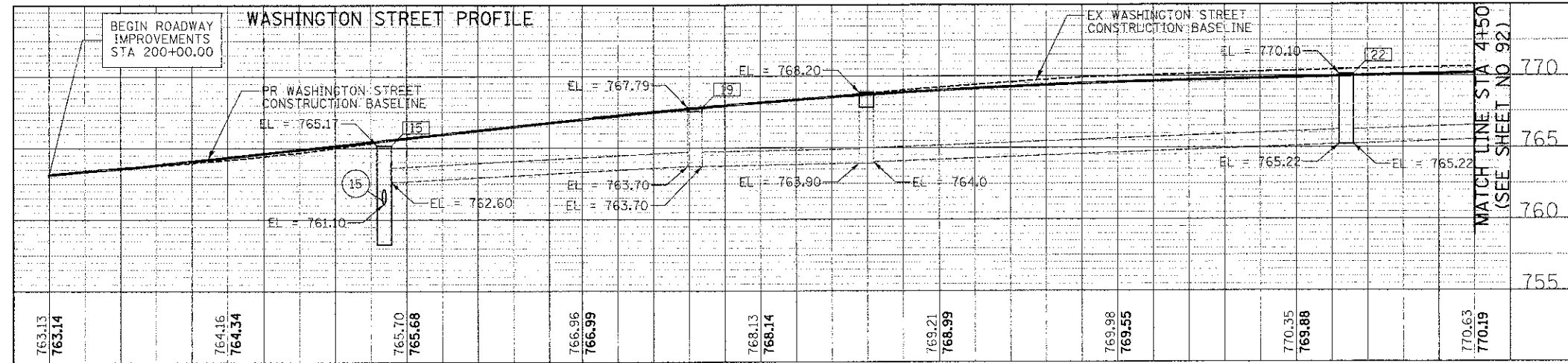
MATCH LINE (SEE RIGHT)

- 1 STA 25+07.9, 281.9' LT
MAN TA 5 DIA T8G
RIM = 755.33
INV = 751.30 (24" SE)
INV = 751.10 (EX 12" SW)
(WITH HALF TRAP)
- 2 STA 23+77.9, 125.9' LT
INLETS TA T24F&G
RIM = 756.76
INV = 753.44 (12" NE)
- 3 STA 24+06.4, 115.7' LT
CB TA 5 DIA T24F&G
RIM = 756.83
INV = 753.20 (12" SW)
INV = 753.22 (18" SE)
INV = 753.10 (24" NW)
- 4 STA 23+89.4, 77.8' LT
MAN RECONSTR
FR & LIDS T1 CL
RIM = 758.42
INV = 753.68 (18" E)
INV = 753.58 (18" NW)
- 5 STA 24+08.6, 34.9' LT
MAN RECONSTR
FR & LIDS T1 CL
RIM = 761.87
INV = 755.80 (EX 12" NE)
INV = 756.54 (12" E)
INV = 755.90 (18" SW)
INV = 754.54 (18" W)

CEDAR LAKE ROAD PROFILE

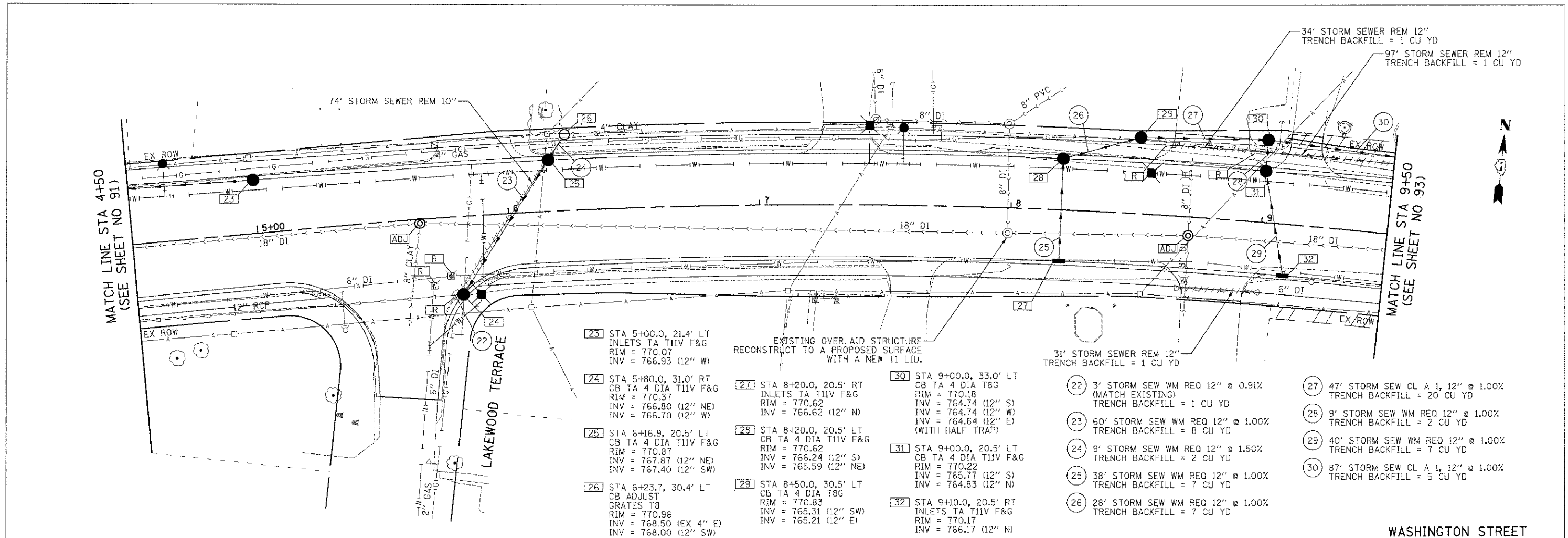


WASHINGTON STREET PROFILE

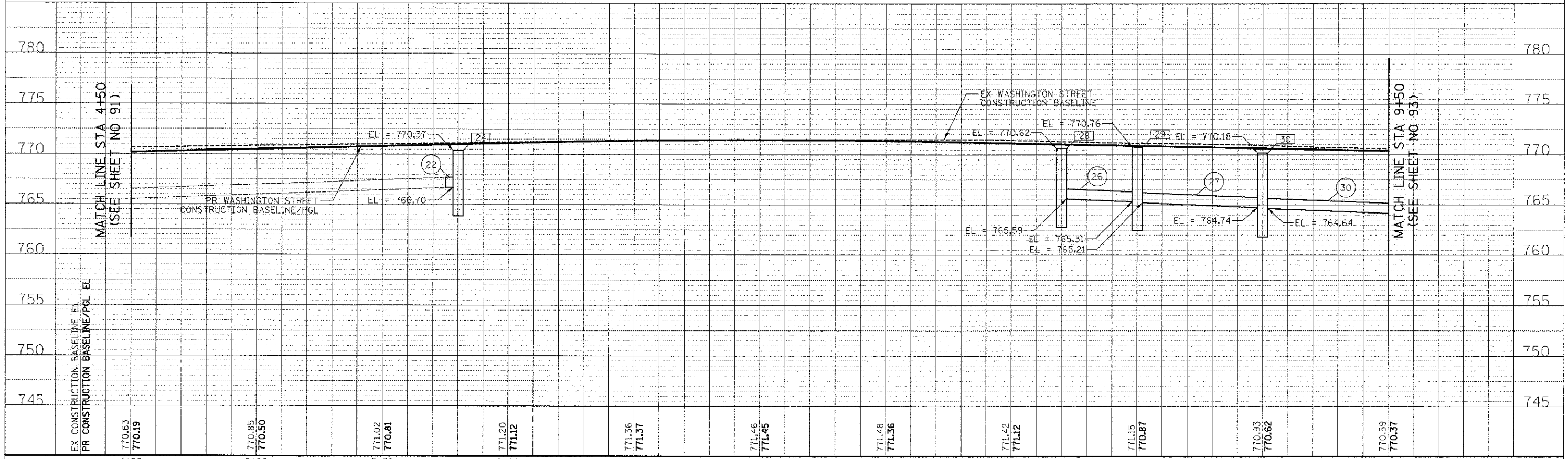


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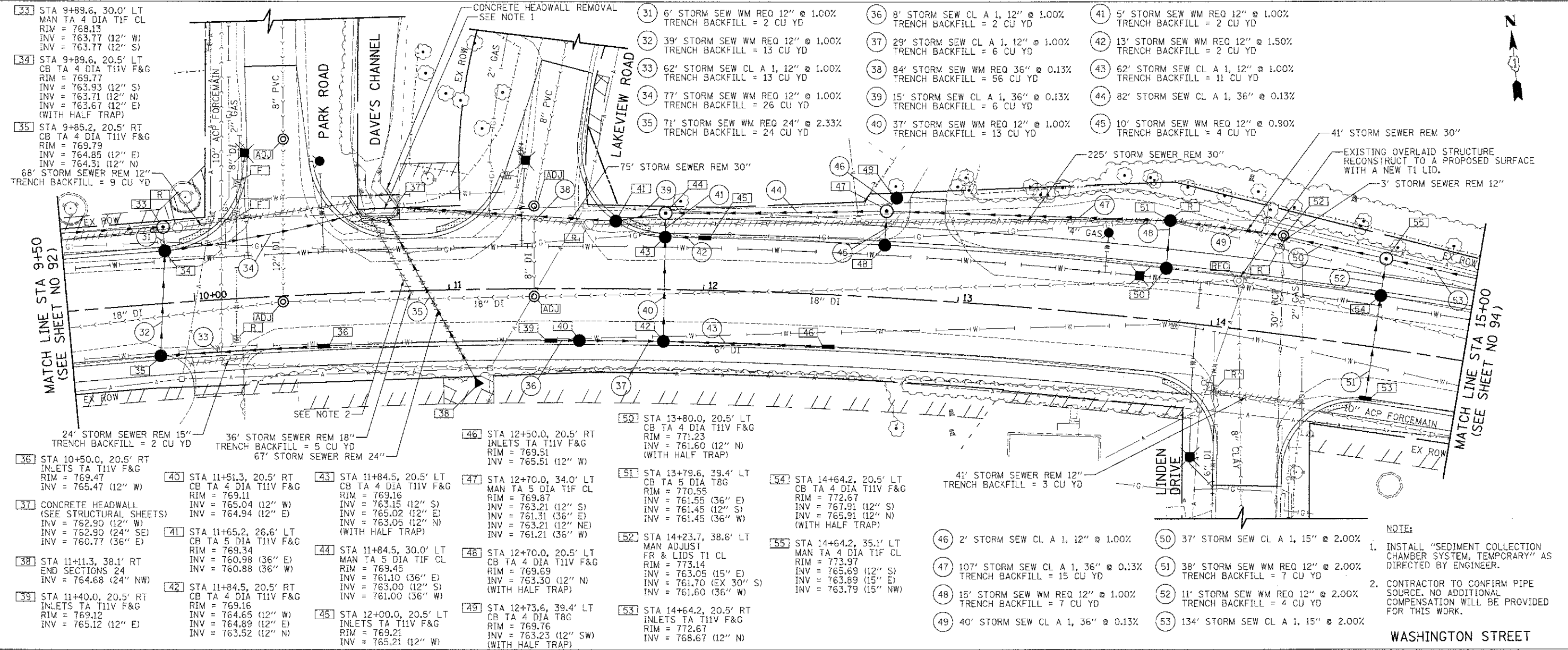


- 23 STA 5+00.0, 21.4' LT INLETS TA T11V F&G RIM = 770.07 INV = 766.93 (12" W)
- 24 STA 5+80.0, 31.0' RT CB TA 4 DIA T11V F&G RIM = 770.37 INV = 766.80 (12" NE) INV = 766.70 (12" W)
- 25 STA 6+16.9, 20.5' LT CB TA 4 DIA T11V F&G RIM = 770.87 INV = 767.87 (12" NE) INV = 767.40 (12" SW)
- 26 STA 6+23.7, 30.4' LT CB ADJUST GRATES T8 RIM = 770.96 INV = 768.50 (EX 4" E) INV = 768.00 (12" SW)
- 27 STA 8+20.0, 20.5' RT INLETS TA T11V F&G RIM = 770.62 INV = 766.62 (12" N)
- 28 STA 8+20.0, 20.5' LT CB TA 4 DIA T11V F&G RIM = 770.62 INV = 766.24 (12" S) INV = 765.59 (12" NE)
- 29 STA 8+50.0, 30.5' LT CB TA 4 DIA T8G RIM = 770.83 INV = 765.31 (12" SW) INV = 765.21 (12" E)
- 30 STA 9+00.0, 33.0' LT CB TA 4 DIA T8G RIM = 770.18 INV = 764.74 (12" S) INV = 764.74 (12" W) INV = 764.64 (12" E) (WITH HALF TRAP)
- 31 STA 9+00.0, 20.5' LT CB TA 4 DIA T11V F&G RIM = 770.22 INV = 765.77 (12" S) INV = 764.83 (12" N)
- 32 STA 9+10.0, 20.5' RT INLETS TA T11V F&G RIM = 770.17 INV = 766.17 (12" N)
- 22 3' STORM SEW WM REQ 12" @ 0.91% (MATCH EXISTING) TRENCH BACKFILL = 1 CU YD
- 23 60' STORM SEW WM REQ 12" @ 1.00% TRENCH BACKFILL = 8 CU YD
- 24 9' STORM SEW WM REQ 12" @ 1.50% TRENCH BACKFILL = 2 CU YD
- 25 38' STORM SEW WM REQ 12" @ 1.00% TRENCH BACKFILL = 7 CU YD
- 26 28' STORM SEW WM REQ 12" @ 1.00% TRENCH BACKFILL = 7 CU YD
- 27 47' STORM SEW CL A 1, 12" @ 1.00% TRENCH BACKFILL = 20 CU YD
- 28 9' STORM SEW WM REQ 12" @ 1.00% TRENCH BACKFILL = 2 CU YD
- 29 40' STORM SEW WM REQ 12" @ 1.00% TRENCH BACKFILL = 7 CU YD
- 30 87' STORM SEW CL A 1, 12" @ 1.00% TRENCH BACKFILL = 5 CU YD

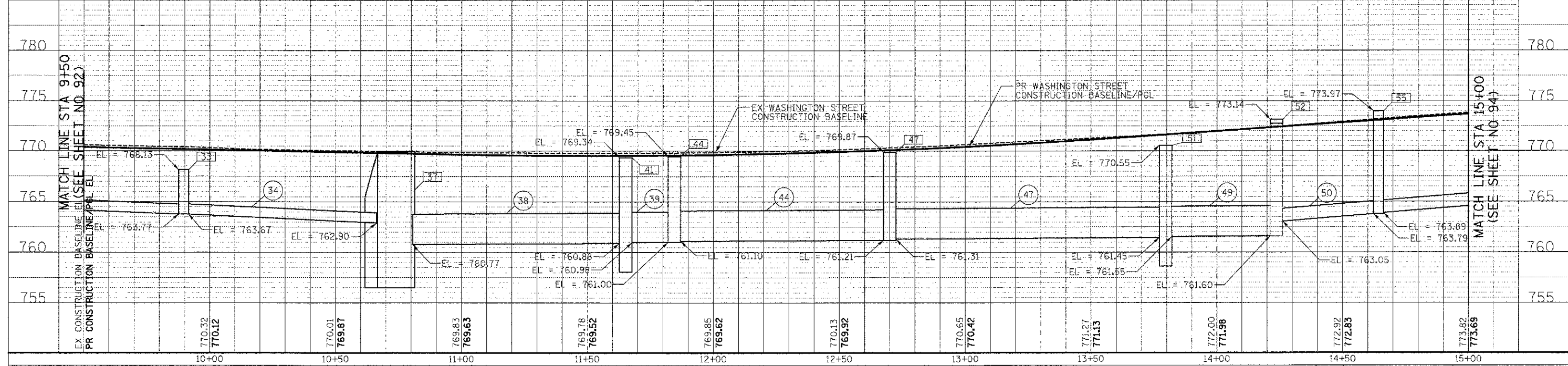


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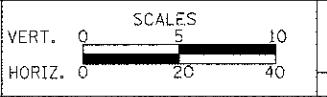
- NOTE:
1. INSTALL "SEDIMENT COLLECTION CHAMBER SYSTEM, TEMPORARY" AS DIRECTED BY ENGINEER.
 2. CONTRACTOR TO CONFIRM PIPE SOURCE. NO ADDITIONAL COMPENSATION WILL BE PROVIDED FOR THIS WORK.



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DESIGNED - PK	REVISED -
DRAWN - JRR	REVISED -
CHECKED - RTM	REVISED -
DATE - 12/17/2012	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION



DRAINAGE AND UTILITIES

SHEET NO. 3 OF 15 SHEETS STA. 9+50 TO STA. 15+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0187	05-00121-07-WR	LAKE	223	93
CONTRACT NO. 63765				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTE:

1. VERIFY WHETHER THE AIR RELIEF VALVE VAULT HAS AN ECCENTRIC OR CONCENTRIC CONE TO DETERMINE IF THE CONE CAN BE ROTATED TO AVOID THE CURB. THE CONE SECTION MAY BE REPLACED TO AN ECCENTRIC TYPE IF IT'S CURRENTLY A CONCENTRIC TYPE AS LONG AS THE ADJUSTMENTS DO NOT CONFLICT WITH THE ABILITY TO ACCESS THE AIR RELIEF VALVE FROM THE TOP OF THE STRUCTURE AS IT NEEDS TO BE ACCESSIBLE FOR MAINTENANCE. VALVE VAULT SHALL BE PROVIDED WITH ADJUSTING RINGS NO LESS THAN TWO INCH HIGH AND NO MORE THAN A TOTAL OF TEN INCHES HIGH.

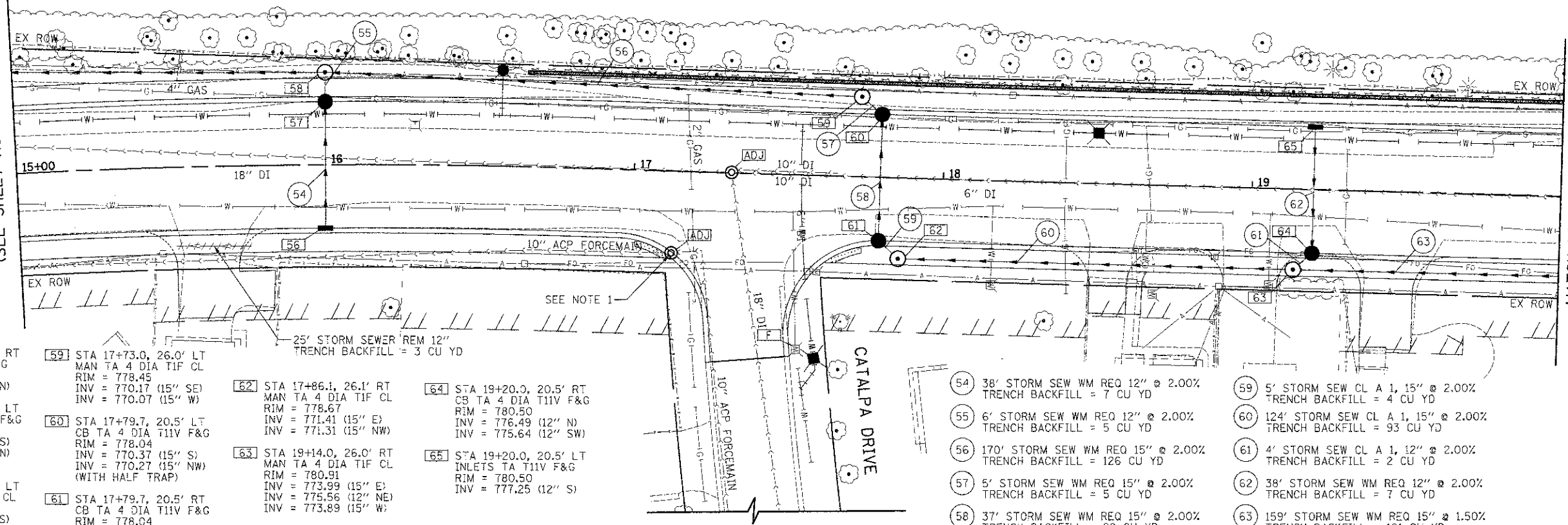


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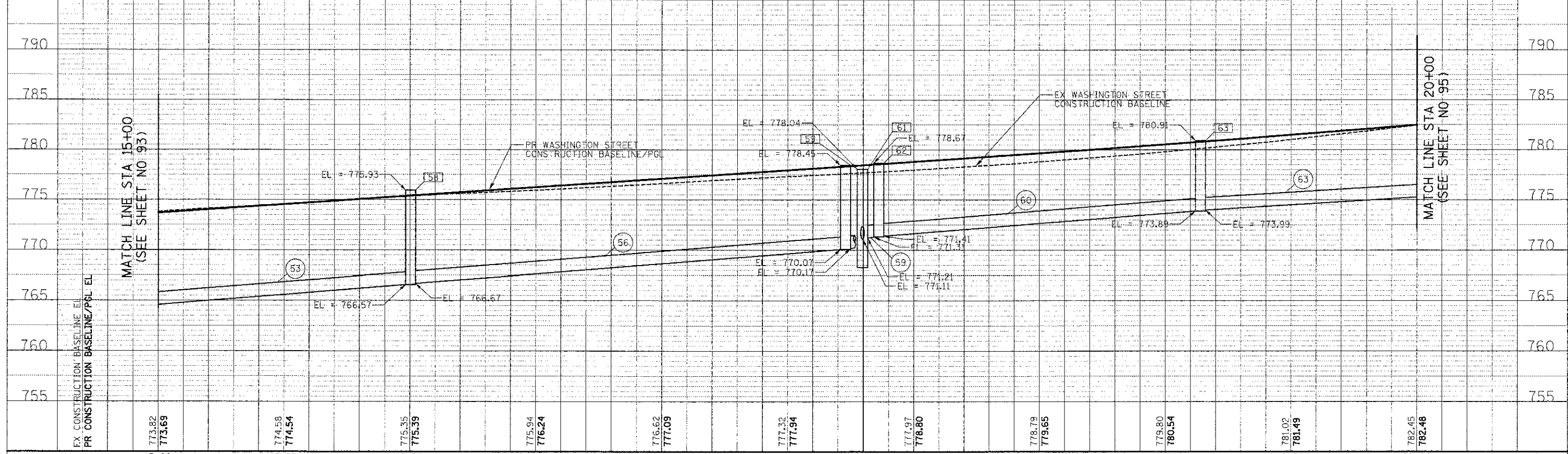
MATCH LINE STA 15+00
(SEE SHEET NO 93)

MATCH LINE STA 20+00
(SEE SHEET NO 95)



- [56] STA 16+00.0, 20.5' RT
INLETS TA T11V F&G
RIM = 774.98
INV = 770.98 (12" N)
- [57] STA 16+00.0, 20.5' LT
CB TA 4 DIA T11V F&G
RIM = 774.98
INV = 770.22 (12" S)
INV = 768.69 (12" N)
(WITH HALF TRAP)
- [58] STA 16+00.0, 30.0' LT
MAN TA 4 DIA TIF CL
RIM = 775.93
INV = 768.57 (12" S)
INV = 766.67 (15" E)
INV = 766.57 (15" W)
- [59] STA 17+73.0, 26.0' LT
MAN TA 4 DIA TIF CL
RIM = 778.45
INV = 770.17 (15" SE)
INV = 770.07 (15" W)
- [60] STA 17+79.7, 20.5' LT
CB TA 4 DIA T11V F&G
RIM = 778.04
INV = 770.37 (15" S)
INV = 770.27 (15" NW)
(WITH HALF TRAP)
- [61] STA 17+79.7, 20.5' RT
CB TA 4 DIA T11V F&G
RIM = 778.04
INV = 771.21 (15" SE)
INV = 771.11 (15" N)
- [62] STA 17+86.1, 26.1' RT
MAN TA 4 DIA TIF CL
RIM = 778.67
INV = 771.41 (15" E)
INV = 771.31 (15" NW)
- [63] STA 19+14.0, 26.0' RT
MAN TA 4 DIA TIF CL
RIM = 780.91
INV = 773.99 (15" E)
INV = 773.89 (15" W)
- [64] STA 19+20.0, 20.5' RT
CB TA 4 DIA T11V F&G
RIM = 780.50
INV = 776.49 (12" N)
INV = 775.64 (12" SW)
- [65] STA 19+20.0, 20.5' LT
INLETS TA T11V F&G
RIM = 780.50
INV = 777.25 (12" S)
- [54] 38' STORM SEW WM REQ 12" @ 2.00%
TRENCH BACKFILL = 7 CU YD
- [55] 6' STORM SEW WM REQ 12" @ 2.00%
TRENCH BACKFILL = 5 CU YD
- [56] 170' STORM SEW WM REQ 15" @ 2.00%
TRENCH BACKFILL = 126 CU YD
- [57] 5' STORM SEW WM REQ 15" @ 2.00%
TRENCH BACKFILL = 5 CU YD
- [58] 37' STORM SEW WM REQ 15" @ 2.00%
TRENCH BACKFILL = 29 CU YD
- [59] 5' STORM SEW CL A 1, 15" @ 2.00%
TRENCH BACKFILL = 4 CU YD
- [60] 124' STORM SEW CL A 1, 15" @ 2.00%
TRENCH BACKFILL = 93 CU YD
- [61] 4' STORM SEW CL A 1, 12" @ 2.00%
TRENCH BACKFILL = 2 CU YD
- [62] 38' STORM SEW WM REQ 12" @ 2.00%
TRENCH BACKFILL = 7 CU YD
- [63] 159' STORM SEW WM REQ 15" @ 1.50%
TRENCH BACKFILL = 121 CU YD

WASHINGTON STREET



MATCH LINE STA 15+00
(SEE SHEET NO 93)

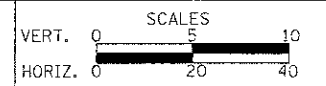
MATCH LINE STA 20+00
(SEE SHEET NO 95)

EX CONSTRUCTION BASELINE/PG EL	773.82	773.69	774.58	774.54	775.35	775.39	775.94	776.24	776.62	777.09	777.32	777.94	777.97	778.80	778.79	779.65	779.80	780.54	781.02	781.49	782.45	782.48
	15+00		15+50		16+00		16+50		17+00		17+50		18+00		18+50		19+00		19+50		20+00	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



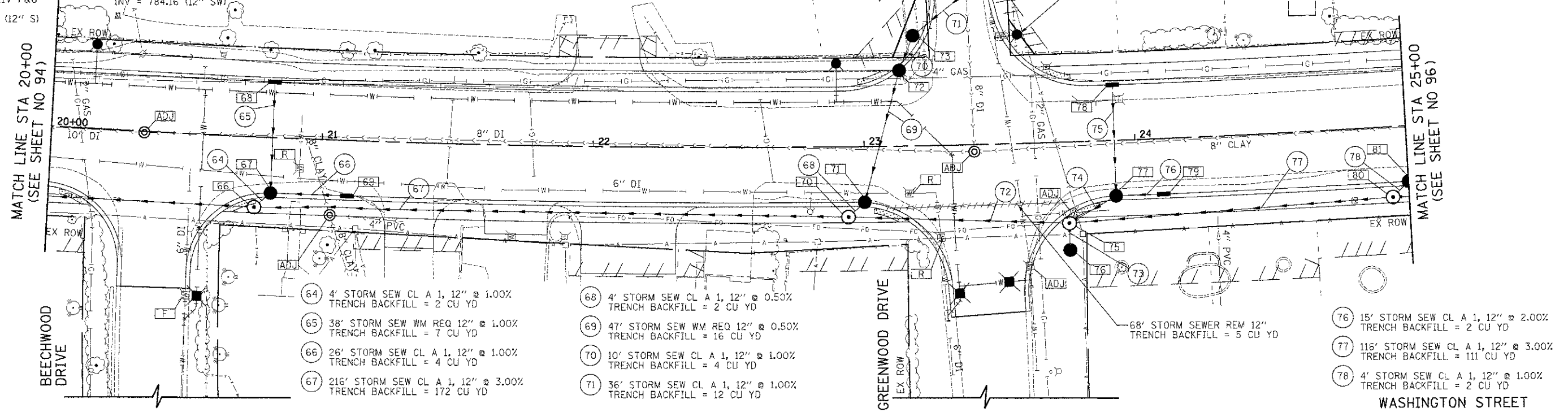
DRAINAGE AND UTILITIES

SHEET NO. 4 OF 15 SHEETS STA. 15+00 TO STA. 20+00

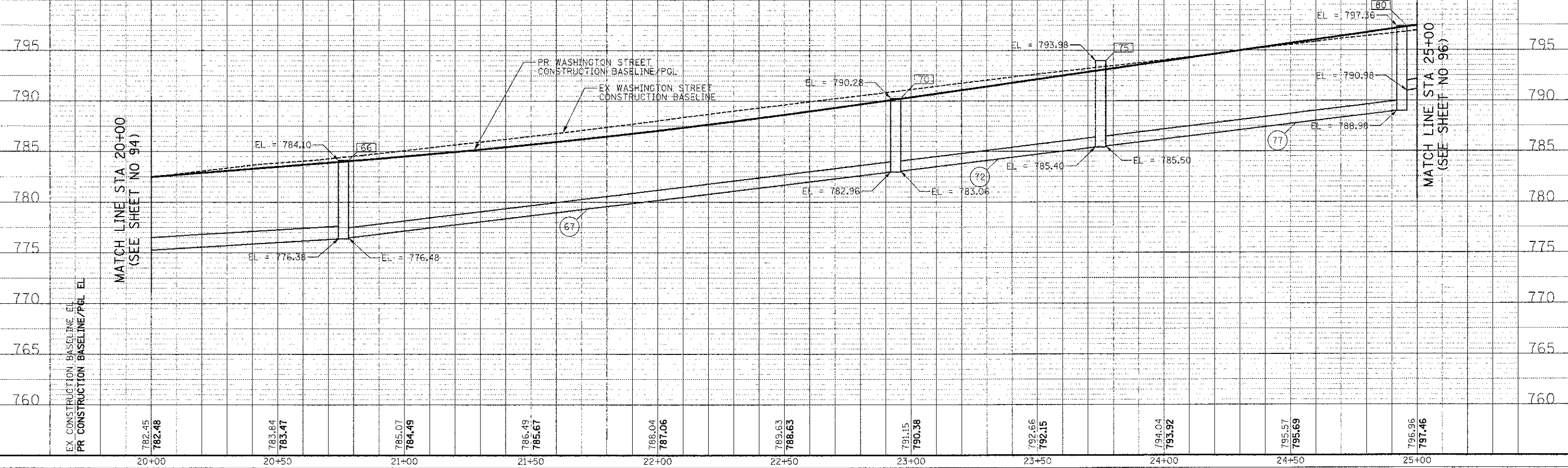
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0187	05-00121-07-WR	LAKE	223	94
CONTRACT NO. 63765			FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT	

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- 66 STA 20+76.0, 26.0' RT
MAN TA 4 DIA T1F CL
RIM = 784.10
INV = 776.48 (12" E)
INV = 778.38 (12" NE)
INV = 776.38 (15" W)
- 67 STA 20+81.8, 20.5' RT
CB TA 4 DIA T1V F&G
RIM = 783.70
INV = 780.04 (12" E)
INV = 779.32 (12" N)
INV = 778.42 (12" SW)
- 68 STA 20+81.8, 20.5' LT
INLETS TA T1V F&G
RIM = 783.70
INV = 779.70 (12" S)
- 69 STA 21+10.0, 20.5' RT
INLETS TA T1V F&G
RIM = 784.30
INV = 780.30 (12" W)
- 70 STA 22+94.0, 26.0' RT
MAN TA 4 DIA T1F CL
RIM = 790.28
INV = 783.06 (12" E)
INV = 784.14 (12" NE)
INV = 782.96 (12" W)
- 71 STA 23+00.0, 20.6' RT
CB TA 4 DIA T1V F&G
RIM = 789.97
INV = 784.26 (12" N)
INV = 784.16 (12" SW)
- 72 STA 23+13.4, 28.0' LT
CB TA 4 DIA T1V F&G
RIM = 790.25
INV = 784.59 (12" N)
INV = 784.49 (12" S)
- 73 STA 23+18.59, 40.7' LT
CB TA 4 DIA T8G
RIM = 790.30
INV = 784.79 (12" NE)
INV = 784.69 (12" S)
- 74 STA 23+47.9, 63.2' LT
CB TC T8G
RIM = 791.26
INV = 785.15 (12" SW)
- 75 STA 23+75.0, 30.0' RT
MAN TA 4 DIA T1F CL
RIM = 793.98
INV = 785.50 (12" E)
INV = 787.40 (12" NE)
INV = 787.40 (12" S)
INV = 785.40 (12" W)
- 76 STA 23+75.0, 40.0' RT
CB TC T8G
RIM = 796.09
INV = 787.46 (12" N)
- 77 STA 23+92.4, 20.5' RT
CB TA 4 DIA T1V F&G
RIM = 793.24
INV = 789.57 (12" E)
INV = 788.86 (12" N)
INV = 787.72 (12" SE)
- 78 STA 23+92.4, 20.5' LT
INLETS TA T1V F&G
RIM = 793.24
INV = 788.86 (12" N)
INV = 789.24 (12" S)
- 79 STA 24+10.0, 20.5' RT
INLETS TA T1V F&G
RIM = 793.87
INV = 789.87 (12" W)
- 80 STA 24+94.0, 26.0' RT
MAN TA 4 DIA T1F CL
RIM = 797.36
INV = 790.98 (12" NE)
INV = 790.98 (12" E)
INV = 788.98 (12" W)
- 81 STA 25+00.0, 20.5' RT
CB TA 4 DIA T1V F&G
RIM = 797.05
INV = 791.02 (12" SW)
- 72 78' STORM SEW WM REG 12" @ 3.00%
TRENCH BACKFILL = 67 CU YD
- 73 6' STORM SEW CL A 1, 12" @ 1.00%
- 74 16' STORM SEW CL A 1, 12" @ 2.00%
TRENCH BACKFILL = 6 CU YD
- 75 38' STORM SEW CL A 1, 12" @ 1.00%
TRENCH BACKFILL = 7 CU YD

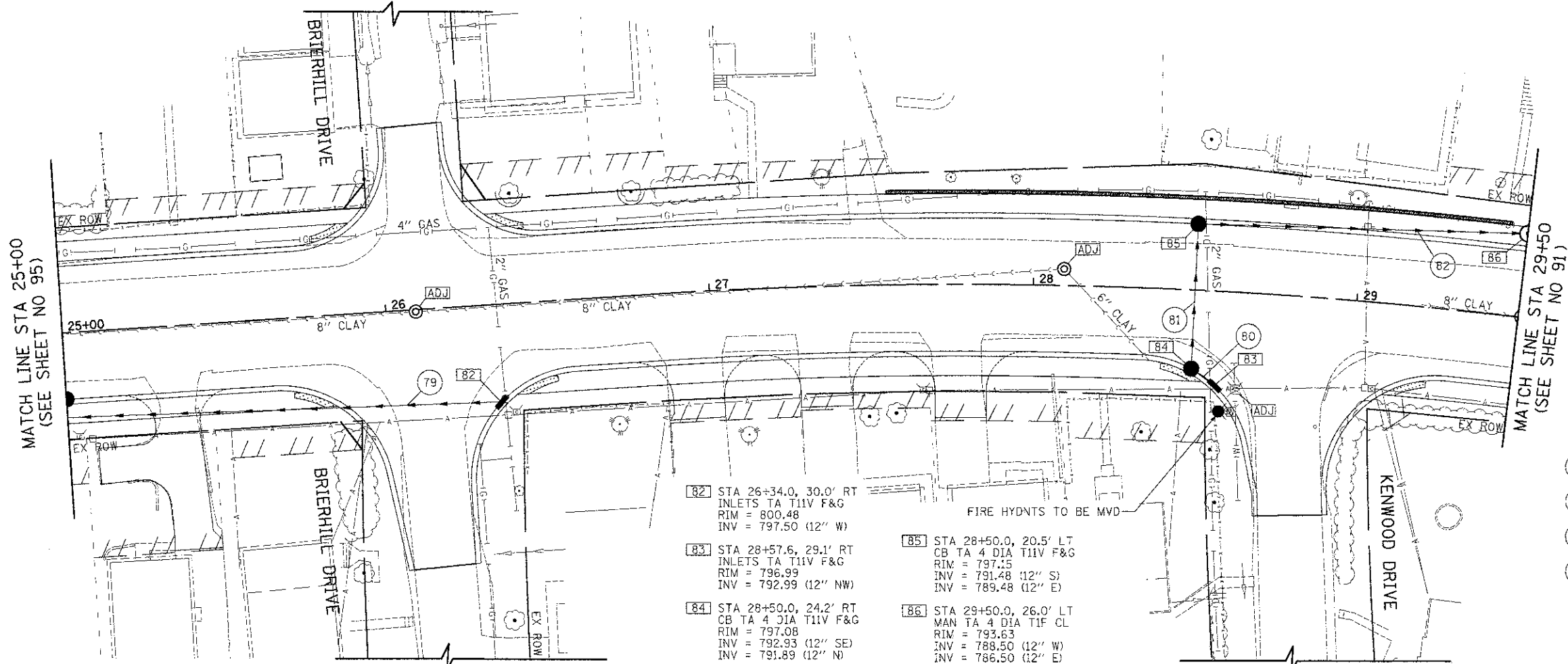


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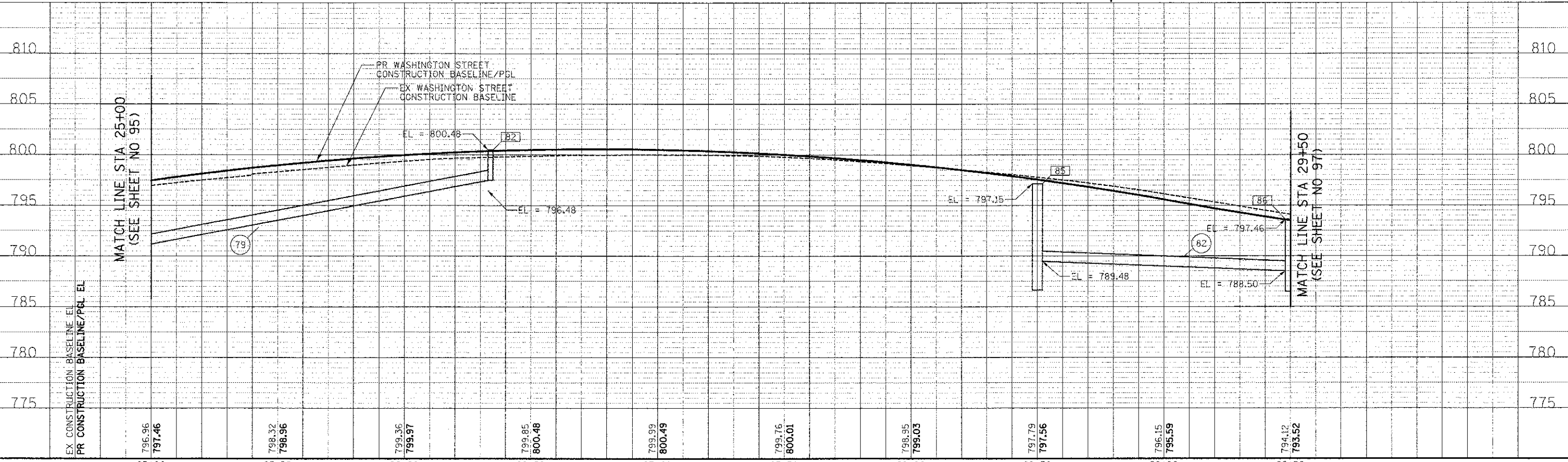
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AREAS CHECKED	



- 82 STA 26+34.0, 30.0' RT
INLETS TA T11V F&G
RIM = 800.48
INV = 797.50 (12" W)
- 83 STA 28+57.6, 29.1' RT
INLETS TA T11V F&G
RIM = 796.99
INV = 792.99 (12" NW)
- 84 STA 28+50.0, 24.2' RT
CB TA 4 DIA T11V F&G
RIM = 797.08
INV = 792.93 (12" SE)
INV = 791.89 (12" N)
- 85 STA 28+50.0, 20.5' LT
CB TA 4 DIA T11V F&G
RIM = 797.15
INV = 791.48 (12" S)
INV = 789.48 (12" E)
- 86 STA 29+50.0, 26.0' LT
MAN TA 4 DIA T1F CL
RIM = 793.63
INV = 788.50 (12" W)
INV = 786.50 (12" E)

- 79 137' STORM SEW CL A 1, 12" @ 4.76%
TRENCH BACKFILL = 30 CU YD
- 80 6' STORM SEW CL A 1, 12" @ 1.00%
TRENCH BACKFILL = 1 CU YD
- 81 41' STORM SEW CL A 1, 12" @ 1.00%
TRENCH BACKFILL = 13 CU YD
- 82 98' STORM SEW CL A 1, 12" @ 1.00%
TRENCH BACKFILL = 50 CU YD



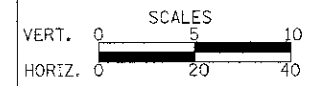
EX CONSTRUCTION BASELINE/EL	796.96	798.32	799.36	799.85	799.99	799.76	798.95	797.79	796.15	794.12	
PR CONSTRUCTION BASELINE/PGL EL	797.46	798.96	799.97	800.48	800.49	800.01	799.03	797.56	795.59	793.52	
	25+00	25+50	26+00	26+50	27+00	27+50	28+00	28+50	29+00	29+50	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



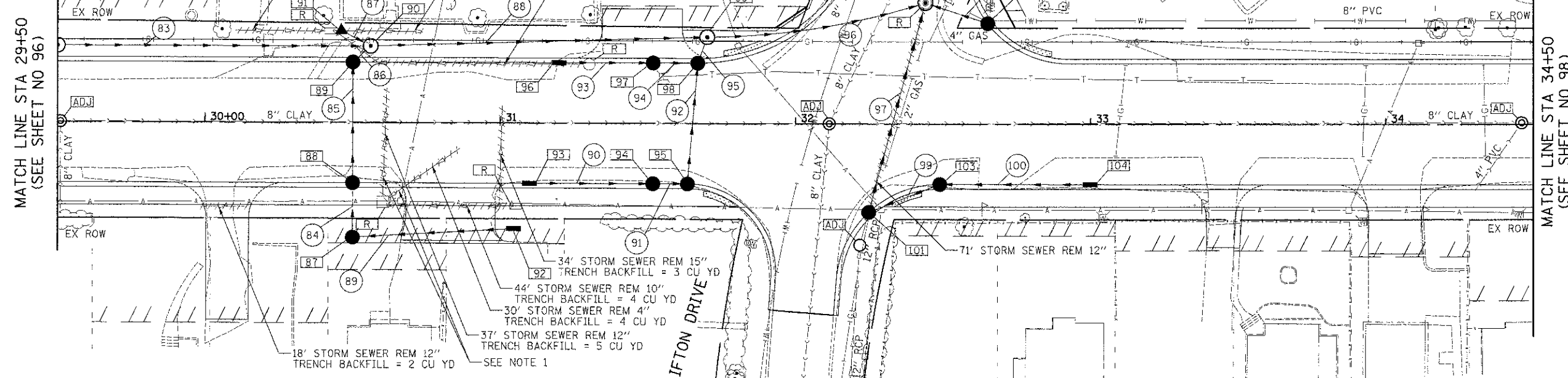
DRAINAGE AND UTILITIES

SHEET NO. 6 OF 15 SHEETS STA. 25+00 TO STA. 29+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0187	05-00121-07-WR	LAKE	223	96
CONTRACT NO. 63765			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

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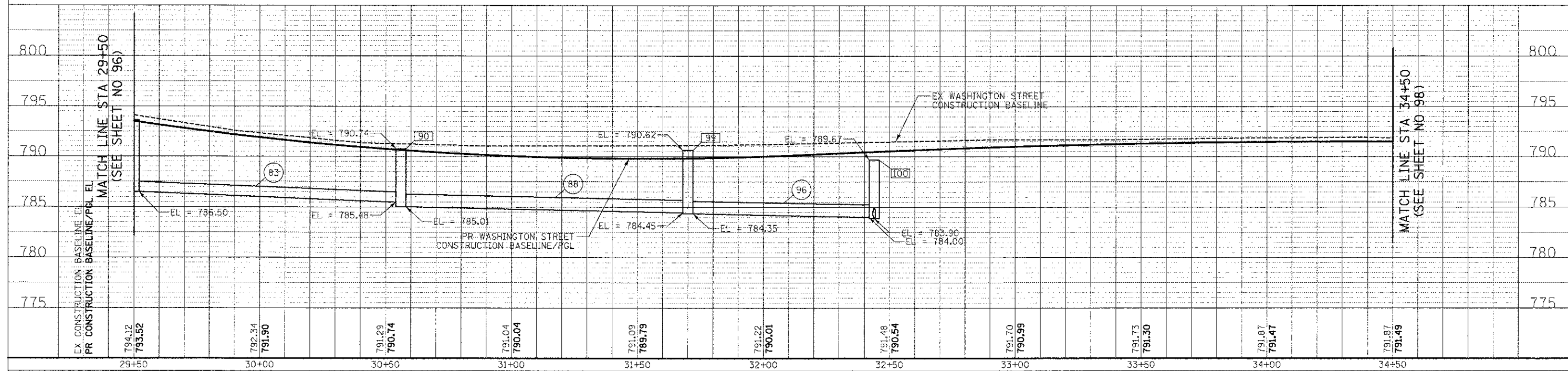
- [87] STA 30+50.0, 39.0' RT
CB TA 4 DIA T11V F&G
RIM = 788.33
INV = 786.22 (12" E)
INV = 786.12 (12" N)
- [88] STA 30+50.0, 20.5' RT
CB TA 4 DIA T11V F&G
RIM = 790.33
INV = 785.97 (12" S)
INV = 785.87 (12" N)
- [89] STA 30+50.0, 20.5' LT
CB TA 4 DIA T11V F&G
RIM = 790.33
INV = 785.61 (12" S)
INV = 785.49 (12" NE)
(WITH HALF TRAP)
- [90] STA 30+56.0, 26.0' LT
MAN TA 4 DIA T1F CL
RIM = 790.74
INV = 788.03 (12" NW)
INV = 785.45 (12" SW)
INV = 785.01 (15" E)
- [91] STA 30+45.0, 31.9' LT
PRC FLAR END SEC 12
RIM = 788.71
INV = 788.36 (12" SE)
- [92] STA 31+04.6, 35.9' RT
INLETS TA T8G
RIM = 788.71
INV = 786.48 (12" W)
- [93] STA 31+10.0, 20.5' RT
INLETS TA T11V F&G
RIM = 789.54
INV = 785.54 (12" E)
- [94] STA 31+51.7, 20.5' RT
CB TA 4 DIA T11V F&G
RIM = 789.38
INV = 785.15 (12" W)
INV = 785.05 (12" E)
- [95] STA 31+63.4, 20.5' RT
CB TA 4 DIA T11V F&G
RIM = 789.39
INV = 784.96 (12" W)
INV = 784.86 (12" N)
- [96] STA 31+20.0, 20.5' LT
INLETS TA T11V F&G
RIM = 789.47
INV = 785.47 (12" E)
- [97] STA 31+51.7, 20.5' LT
CB TA 4 DIA T11V F&G
RIM = 789.38
INV = 785.18 (12" W)
INV = 785.08 (12" E)
- [98] STA 31+66.8, 20.5' LT
CB TA 4 DIA T11V F&G
RIM = 789.40
INV = 784.95 (12" W)
INV = 784.67 (12" S)
INV = 784.57 (12" NE)
(WITH HALF TRAP)
- [99] STA 31+70.0, 29.4' LT
MAN TA 4 DIA T1F CL
RIM = 790.62
INV = 784.45 (12" S)
INV = 784.35 (15" E)
- [100] STA 32+43.9, 41.2' LT
MAN TA 4 DIA T1F CL
RIM = 789.67
INV = 784.00 (15" W)
INV = 783.95 (12" SE)
INV = 783.90 (18" SW)
INV = 783.90 (EX 12" NE)
- [101] STA 32+21.9, 41.2' RT
CB TA 4 DIA T11V F&G
RIM = 789.54
INV = 784.62 (EX 12" SW)
INV = 784.62 (12" E)
INV = 784.60 (18" NE)
(WITH HALF TRAP)
- [102] STA 32+65.0, 34.3' LT
CB TA 4 DIA T11V F&G
RIM = 789.89
INV = 784.34 (12" NW)
(WITH HALF TRAP)
- [103] STA 32+48.9, 20.5' RT
CB TA 4 DIA T11V F&G
RIM = 790.12
INV = 786.10 (12" E)
INV = 784.84 (12" W)
- [104] STA 33+00.0, 20.5' RT
INLETS TA T11V F&G
RIM = 790.58
INV = 786.58 (12" W)



- [83] 102' STORM SEW CL A 1, 12" @ 1.00%
TRENCH BACKFILL = 39 CU YD
- [84] 15' STORM SEW CL A 1, 12" @ 1.00%
TRENCH BACKFILL = 1 CU YD
- [85] 37' STORM SEW CL A 1, 12" @ 0.70%
TRENCH BACKFILL = 8 CU YD
- [86] 4' STORM SEW CL A 1, 12" @ 1.00%
TRENCH BACKFILL = 2 CU YD
- [87] 5' STORM SEW CL A 1, 12" @ 3.00%
TRENCH BACKFILL = 1 CU YD
- [88] 111' STORM SEW CL A 1, 15" @ 0.50%
TRENCH BACKFILL = 40 CU YD
- [89] 52' STORM SEW CL A 1, 12" @ 0.50%
TRENCH BACKFILL = 1 CU YD
- [90] 39' STORM SEW CL A 1, 12" @ 1.00%
TRENCH BACKFILL = 7 CU YD
- [91] 9' STORM SEW CL A 1, 12" @ 1.00%
TRENCH BACKFILL = 2 CU YD
- [92] 38' STORM SEW CL A 1, 12" @ 0.50%
TRENCH BACKFILL = 9 CU YD
- [93] 29' STORM SEW CL A 1, 12" @ 1.00%
TRENCH BACKFILL = 5 CU YD
- [94] 13' STORM SEW CL A 1, 12" @ 1.00%
TRENCH BACKFILL = 3 CU YD
- [95] 6' STORM SEW CL A 1, 12" @ 2.00%
TRENCH BACKFILL = 2 CU YD
- [96] 71' STORM SEW CL A 1, 15" @ 0.50%
TRENCH BACKFILL = 25 CU YD
- [97] 70' STORM SEW CL A 1, 18" @ 1.00%
TRENCH BACKFILL = 21 CU YD
- [98] 19' STORM SEW CL A 1, 12" @ 1.00%
TRENCH BACKFILL = 7 CU YD
- [99] 22' STORM SEW CL A 1, 12" @ 1.00%
TRENCH BACKFILL = 6 CU YD
- [100] 48' STORM SEW CL A 1, 12" @ 1.00%
TRENCH BACKFILL = 7 CU YD

NOTE:
1. CONTRACTOR TO CONFIRM PIPE SOURCE AND DESTINATION. NO ADDITIONAL COMPENSATION WILL BE PROVIDED FOR THIS WORK.

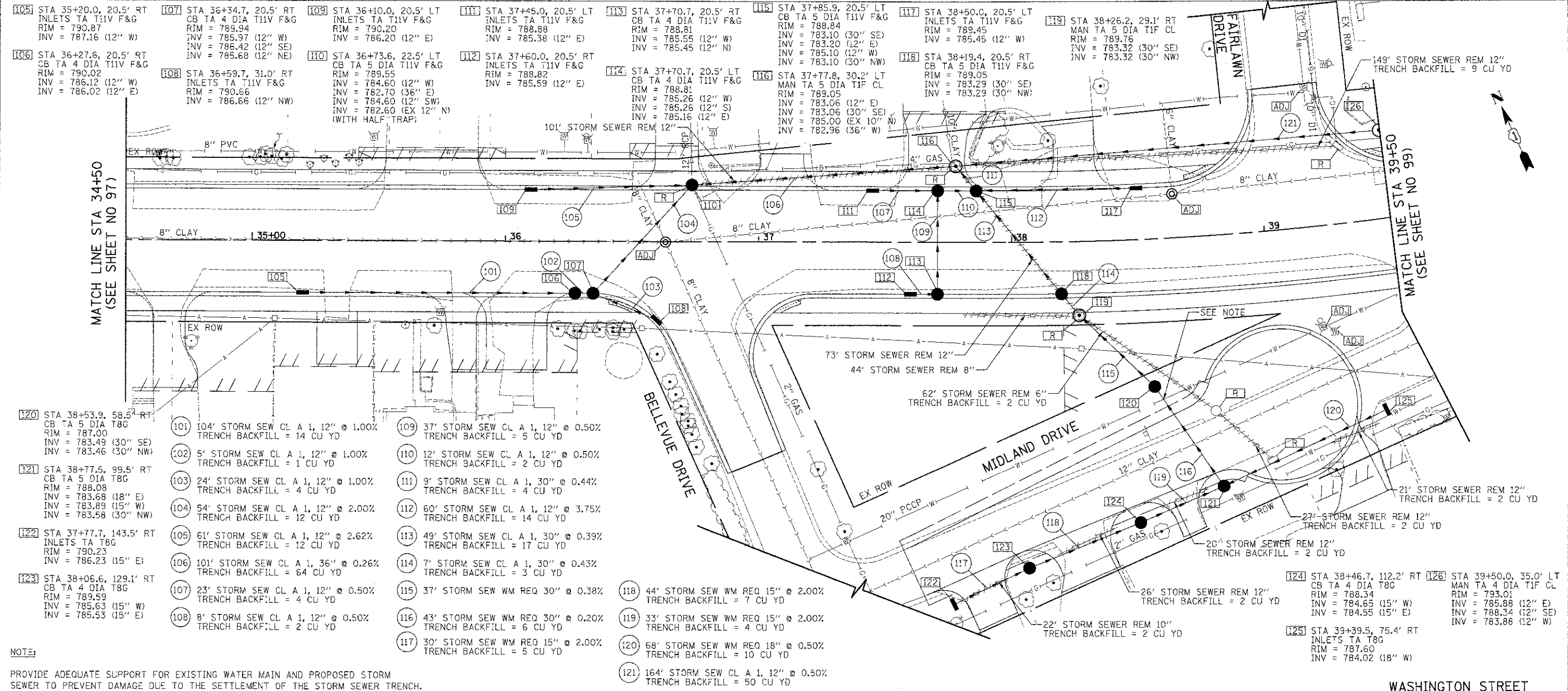
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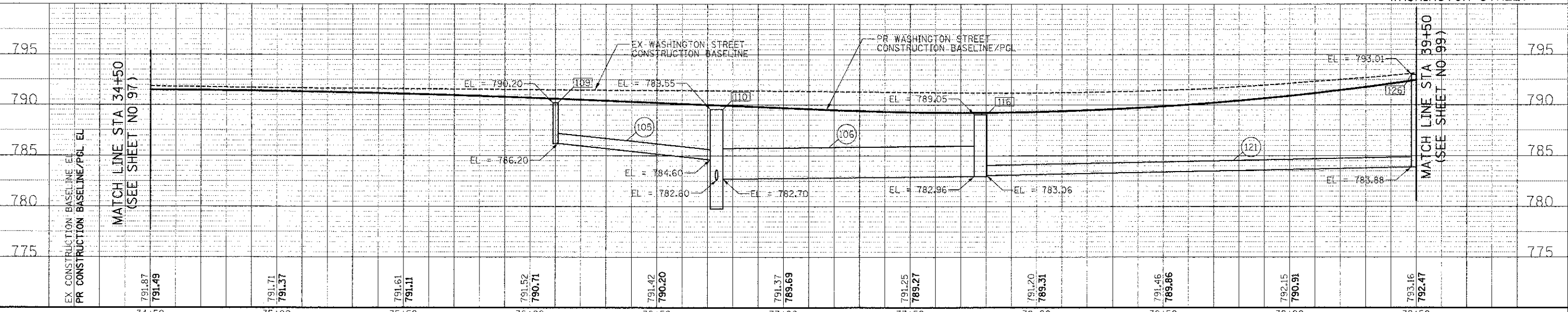
450 E Devon Ave, Suite 300 Itasca, Illinois 60143 Tel: 630 773 3900 Fax: 630 773 3975 www.civiltechinc.com	DESIGNED - PK DRAWN - JRR CHECKED - RTM DATE - 12/17/2012	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	VERT. SCALES 0 5 10 HORIZ. SCALES 0 20 40	DRAINAGE AND UTILITIES SHEET NO. 7 OF 15 SHEETS STA. 29+50 TO STA. 34+50	F.A.U. RTE. 0187 SECTION 05-00121-07-WR COUNTY LAKE TOTAL SHEETS 223 SHEET NO. 97 CONTRACT NO. 63765 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT
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NOTE BOOK	
TEMPLATE AREAS CHECKED	
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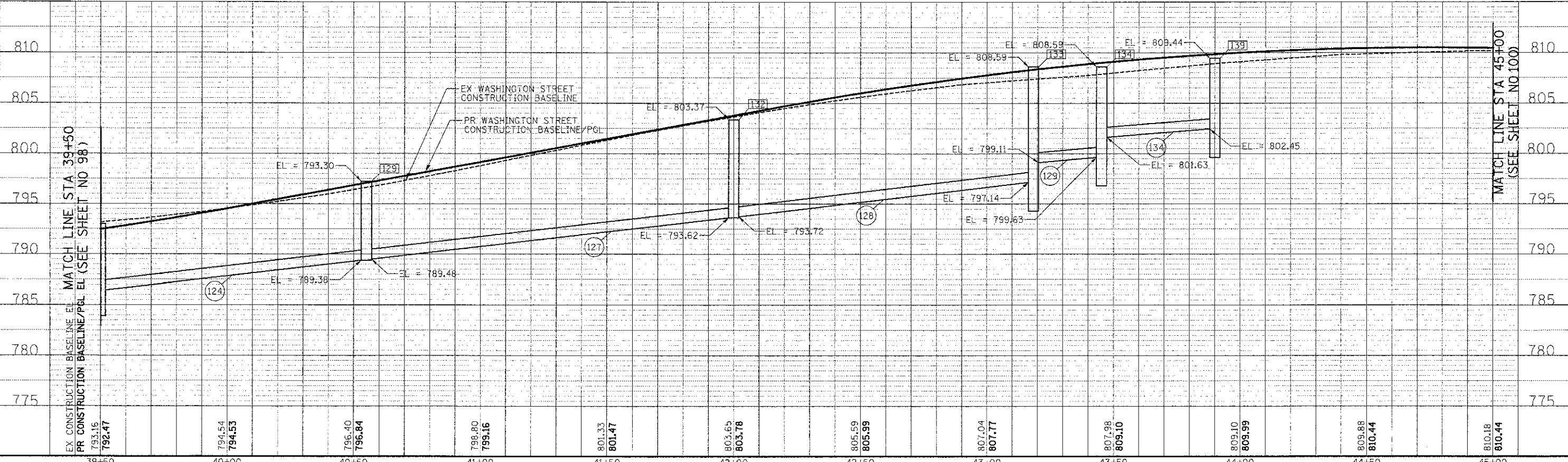
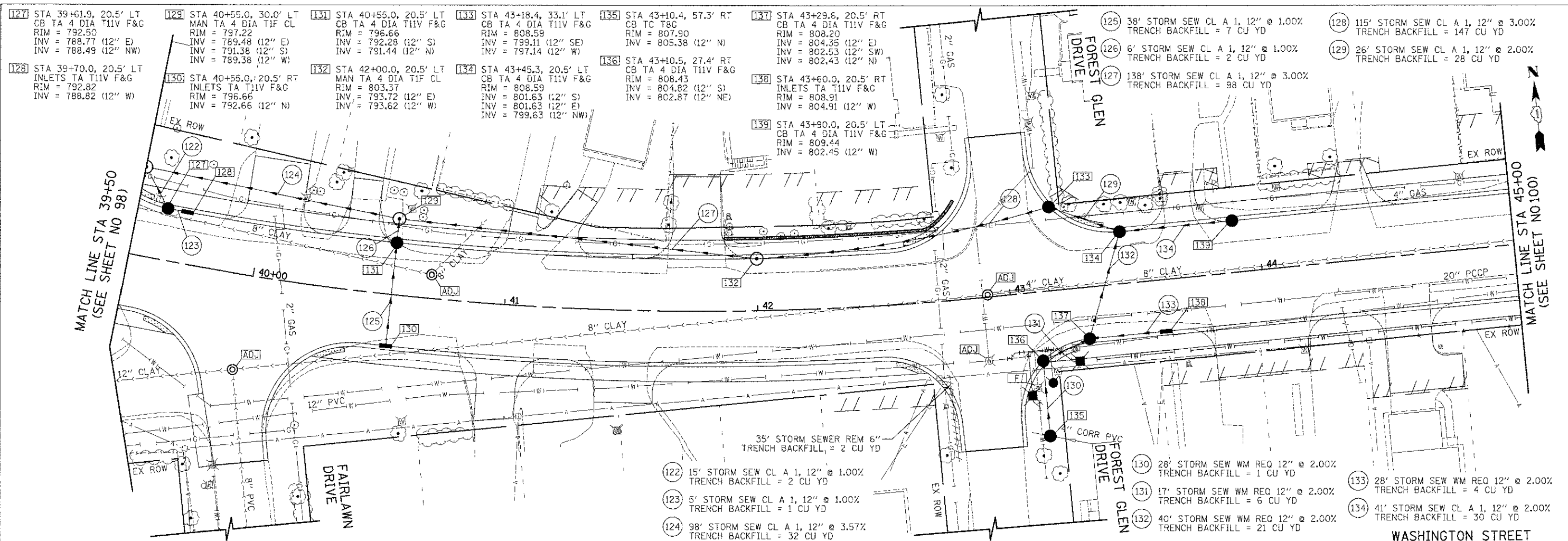


NOTE:
 PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN AND PROPOSED STORM SEWER TO PREVENT DAMAGE DUE TO THE SETTLEMENT OF THE STORM SEWER TRENCH.



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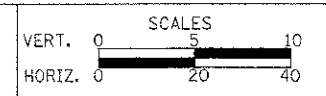
39+50	40+00	40+50	41+00	41+50	42+00	42+50	43+00	43+50	44+00	44+50	45+00
793.16	794.54	796.40	798.80	801.33	803.65	805.59	807.04	807.98	809.10	809.88	810.18
792.47	794.53	796.84	799.16	801.47	803.78	805.99	807.77	809.10	809.99	810.44	810.44

CIVILTECH
 450 E Devon Ave, Suite 300
 Itasca, Illinois 60143
 Tel: 630.773.3900 Fax: 630.773.3875
 www.civiltechinc.com

DESIGNED - PK
 DRAWN - JRR
 CHECKED - RTM
 DATE - 12/17/2012

REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION



DRAINAGE AND UTILITIES

SHEET NO. 9 OF 15 SHEETS STA. 39+50 TO STA. 45+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0187	05-00121-07-WR	LAKE	223	99
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63765	

DATE	
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1	DESIGNED - PK
2	DRAWN - JRR
3	CHECKED - RTM
4	DATE - 12/17/2012

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REVISIONS	
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