

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2701	10-00042-00-SW	LAKE	34	1
		ILLINOIS	CONTRACT NO. 63605	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
**PLANS FOR PROPOSED  
FEDERAL AID HIGHWAY**  
FAU 2701 GREENLEAF AVENUE  
SIDEWALK & LIGHTING  
CORNELL AVENUE TO CORPORATE LIMITS  
SECTION: 10-00042-00-SW  
PROJECT: TE-00D1 (829)  
CITY OF PARK CITY  
LAKE COUNTY  
JOB NUMBER - C-91-568-10

FOR INDEX OF SHEETS, SEE SHEET NO. 2

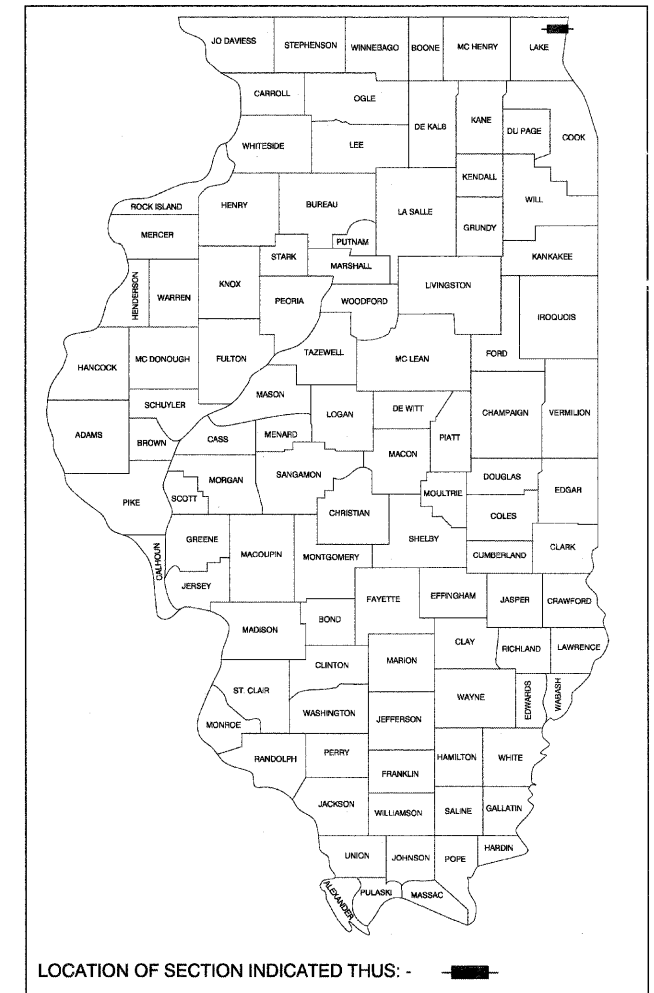
**TRAFFIC DATA**

**GREENLEAF AVE.**

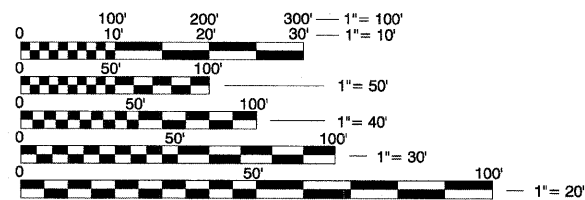
2008 ADT = 12,300 VPD  
2009 ADT = 12,500 VPD  
2010 ADT = 12,300 VPD

**DESIGN DESIGNATION - COLLECTOR**

DESIGN SPEED = 50 MPH  
POSTED SPEED = 40 MPH

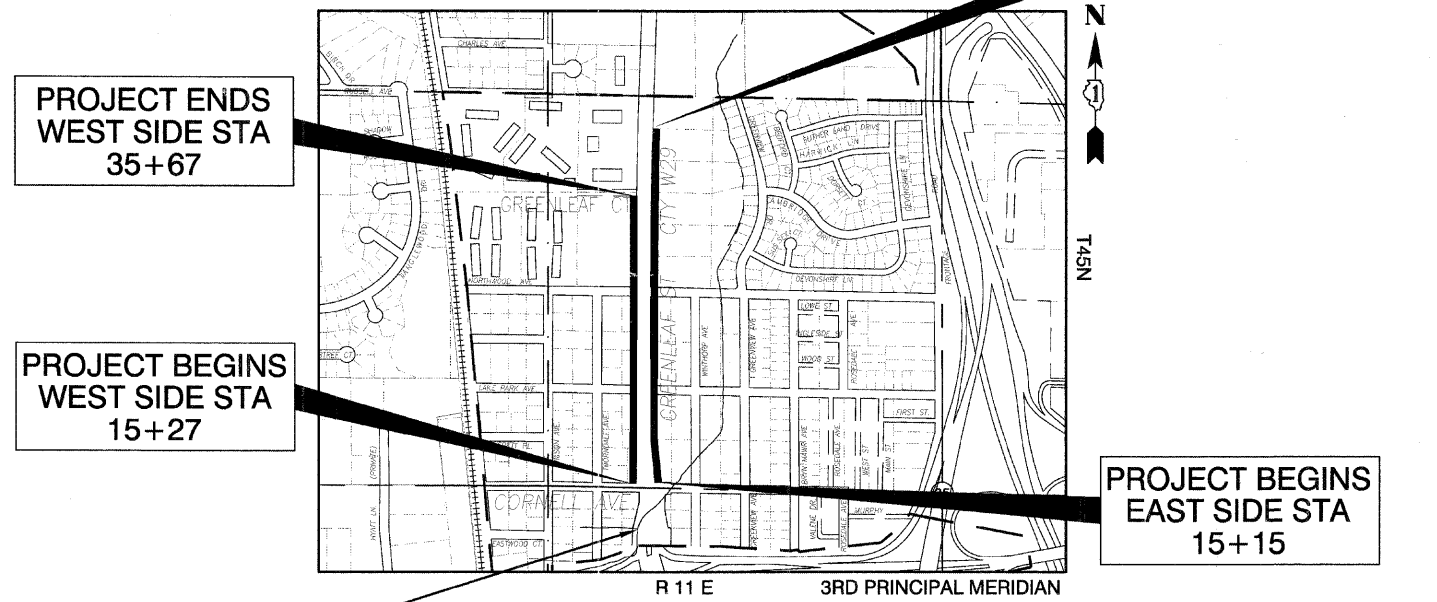


PROJECT IS LOCATED IN THE CITY OF PARK CITY



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 BENCHMARK:  
FIRM RM 157-6 CHISELED SQUARE IN TOP OF NORTH END OF WEST HEADWALL OF CULVERT FOR SOUTH FORK GURNEE TRIBUTARY UNDER GREENLEAF AVE, APPROXIMATELY 120' SOUTH OF CORNELL AVE.  
ELEV.=697.79 (PUBLISHED, AND MEASURED AS LOCAL DATUM)

**LOCATION MAP  
SCALE**

NOT TO SCALE

GROSS LENGTH = 2,673 FT. - 0.506 MILE  
NET LENGTH = 2,673 FT. = 0.506 MILE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

APPROVED *[Signature]* 20 11  
CITY OF PARK CITY, MAYOR

PASSED JAN 4 20 12  
*[Signature]*  
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID  
BASED ON LIMITED  
REVIEW JANUARY 6, 20 12  
*[Signature]*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

PROFESSIONAL ENGINEER'S SIGN & SEAL

*[Signature]*  
MAREK K. KLONOWSKI, P.E.  
EXPIRES: 11-30-13

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

PROGRAM AND OFFICE ENGINEER: CHARLES F. RIDDLE, P.E. 847-705-4406



CONTRACT: 63605

## GENERAL NOTES

1. THE CONTRACTOR SHALL NOTIFY ALL LOCAL UTILITY COMPANIES 72 HOURS PRIOR TO BEGINNING ANY CONSTRUCTION. SAID UTILITY COMPANIES WILL ESTABLISH, ON THE GROUND, THE LOCATION OF UNDERGROUND PIPES, MAINS, CONDUITS, OR CABLES ADJOINING OR CROSSING PROPOSED CONSTRUCTION.
2. CONTRACTOR SHALL NOTIFY THE CITY OF PARK CITY BUILDING INSPECTOR (847-623-5030) AND THE ENGINEER A MINIMUM OF 24 HOURS IN ADVANCE OF PERFORMING ANY WORK. RE-NOTIFICATION SHALL BE REQUIRED IF ANY PHASE OF WORK IS SUSPENDED FOR MORE THEN TWO (2) DAYS.
3. THE FOLLOWING CODES AND STANDARDS, AS APPLICABLE, SHALL GOVERN CONSTRUCTION UNDER THIS CONTRACT:
  - A. STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JAN. 1, 2012 AND THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JAN. 1, 2012 AND ALL SUBSEQUENT REVISIONS THERETO, HEREINAFTER REFERRED TO AS THE STANDARD SPECIFICATIONS.
  - B. STATE OF ILLINOIS, "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION", LATEST EDITION AND ALL SUBSEQUENT REVISIONS THERETO, HEREINAFTER REFERRED TO AS THE WATER AND SEWER SPECIFICATIONS.
  - C. "MANUAL ON TRAFFIC CONTROL DEVICES," MILLENNIUM EDITION AND THE "ILLINOIS SUPPLEMENT TO THE NATIONAL MANUAL ON TRAFFIC CONTROL DEVICES," MILLENNIUM EDITION AND ALL SUBSEQUENT REVISIONS THERETO, HEREINAFTER REFERED TO AS THE MUTCD.
  - D. 2005 EDITION OF THE "NATIONAL ELECTRICAL CODE", HEREIN REFERRED TO AS THE NEC.
4. THE CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL IN CONFORMANCE WITH THE MUTCD AND ARTICLE 107.14 OF THE STANDARD SPECIFICATIONS. BARRICADES AND OTHER REQUIRED TRAFFIC CONTROL SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT, UNLESS OTHERWISE SPECIFIED.
5. THE LOCATION OF EXISTING UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND THE EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR. THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVEN THOUGH THEY MIGHT NOT BE SHOWN ON THE PLANS. ANY UTILITY PROPERTY DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER AT THE CONTRACTOR'S EXPENSE.
7. CAUTION: THERE MAY BE OVERHEAD AND BURIED POWER LINES WHICH COULD POSSIBLY INTERFERE OR BE A SAFETY HAZARD WITH EQUIPMENT OPERATIONS.
8. ANY LOOSE MATERIAL IS DEPOSITED IN ALLEYS OR GUTTERS SHALL BE REMOVED BEFORE THE END OF EACH WORKING DAY. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
9. IT IS THE CONTRACTOR'S RESPONSIBILITY TO RESTORE ALL FEATURES DISTURBED DURING CONSTRUCTION TO THEIR ORIGINAL STATE, OR BETTER. ALL RESTORATION WORK REQUIRED BEYOND THE SCOPE OF THE PLANS AND SPECIFICATIONS SHALL BE DONE AT THE CONTRACTOR'S EXPENSE UNLESS WORK WAS DONE AT THE DIRECTION OF THE ENGINEER AND COMPENSATION WAS AGREED UPON PRIOR TO EXECUTION OF WORK PER ARTICLE 109.04.
10. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ALL NECESSARY PAVEMENT OPENINGS AND CONSTRUCTION DEBRIS LEFT IN THE PUBLIC RIGHT-OF-WAY WITH LIGHTED DEVICES. THE CONTRACTOR SHALL MAINTAIN HIGH VISIBILITY OF ALL TEMPORARY HAZARDS TO PEDESTRIANS AND MOTORISTS. REMOVAL OF ANY SUCH TEMPORARY HAZARDS SHALL BE DONE AS SOON AS POSSIBLE.
11. THE GRADING AND CONSTRUCTION OF PROPOSED IMPROVEMENTS SHALL NOT CAUSE PONDING OF STORM WATER. GRADING SHALL BE DONE TO ALLOW POSITIVE DRAINAGE.
12. UTILITY SERVICES TO RESIDENTS OR BUSINESSES WHICH ARE INTERRUPTED BY CONSTRUCTION SHALL BE RESTORED AT THE EXPENSE OF THE CONTRACTOR SO THAT NO SERVICE IS INTERRUPTED FOR MORE THAN FOUR (4) HOURS. IF TEMPORARY SERVICE IS REQUIRED, THE EXPENSE FOR SAME SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
13. THE EDGES OF ALL IMPROVED SURFACES WHICH ARE DISTURBED DURING CONSTRUCTION SHALL BE SAW CUT PRIOR TO RESTORATION. ANY SAW CUTTING OF PAVEMENT PATCHES, BUTT JOINTS, DRIVEWAY APPROACHES, CONCRETE CURBS, SIDEWALKS, OR ANY OTHER AREAS NECESSARY TO COMPLETE THIS PROJECT WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE COST OF REMOVAL PAY ITEM, UNLESS OTHERWISE SPECIFIED.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ALL STREETS USED BY THE CONTRACTOR, SUB-CONTRACTORS, AND SUPPLIERS CLEAN AND FREE OF ALL DIRT, MUD, AND OTHER CONSTRUCTION DEBRIS, AND WILL BE REQUIRED TO CLEAN THEM AS IS NECESSARY IN ORDER TO MAINTAIN THEM IN A SAFE, DRIVABLE CONDITION. THE CONTRACTOR SHALL BE ESPECIALLY RESPONSIVE TO REQUESTS FROM THE ENGINEER, ENGINEER'S REPRESENTATIVE, DIRECTOR OF PUBLIC WORKS SUPERINTENDENT OF STREETS, POLICE AND FIRE DEPARTMENTS, OR ANY OFFICIAL OF THE OWNER TO PRACTICE GOOD HOUSEKEEPING THROUGHOUT THE DURATION OF THIS PROJECT. HIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT, UNLESS OTHERWISE SPECIFIED.
15. THE CONTRACTOR SHALL ENSURE THAT ALL WATER SYSTEM VALVES, VALVE VAULTS, AND SANITARY SEWER MANHOLES REMAIN READILY ACCESSIBLE TO THE CITY FOR EMERGENCY OPERATIONS. THE LOCATIONS OF ALL WATER AND SANITARY FACILITIES SHALL BE MARKED AND READILY VISIBLE AT ALL TIMES.
16. THE CONTRACTOR SHALL VERIFY LOCATION OF THE GAS MAIN AND ALL SERVICES IN RELATION TO PLACEMENT OF THE PROPOSED LIGHTING IMPROVEMENTS. ALL PROPOSED LIGHT POLES AND HANDHOLES ARE TO BE PLACED A MINIMUM OF 2-FEET HORIZONTAL FROM THE GAS MAIN OR SERVICE. ALL POLE FOUNDATION AND HANDHOLE LOCATIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
17. THE CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES TO SCHEDULE ADJUSTMENTS TO UTILITY STRUCTURES.
18. ALL BARRICADES SHALL BE TYPE 2, NON-METALLIC, REFLECTIVE, STEADY BURN. IF BARRICADES ARE USED AROUND AN OBJECT, THEY SHALL BE FLASHING, NOT STEADY BURN.
19. THE CONTRACTOR SHALL NOT STOCKPILE MATERIAL, EMBANKMENT, OR EXCAVATION THAT WILL NOT BE INCORPORATED INTO THE FINISHED WORK DURING THE WORKING DAY. ANY STOCKPILES SHALL BE REMOVED BEFORE THE END OF EACH WORKING DAY.
20. PROVIDE EROSION CONTROL BLANKET WITHIN AREAS OF LANDSCAPE RESTORATION AND AS DIRECTED BY ENGINEER.
21. LIGHTING CONDUIT AND CABLES SHALL BE A MINIMUM OF 48 INCHES DEEP.
22. THE PLANS SHOW DETECTABLE WARNINGS FOR GENERAL LOCATION. EXACT PLACEMENT AND CONSTRUCTION OF DETECTABLE WARNINGS SHALL BE ADJUSTED TO FIELD CONDITIONS AND CONFORM TO STATE STANDARD 424001-06, SUCH THAT DETECTABLE WARNINGS ARE INSTALLED IN THE DIRECTION OF PEDESTRIAN TRAVEL, AND TO STATE STANDARDS 424011, 424021, AND 424026 AS APPLICABLE AND AS DIRECTED BY THE ENGINEER.

## LIST OF APPLICABLE STATE STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-06	TEMP EROSION CONTROL SYSTEMS
424001-06	PERPENDICULAR CURB RAMPS FOR SIDEWALK
424011	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021	DEPRESSED CORNER FOR SIDEWALKS
424026	ENTRANCE/ALLEY PEDESTRIAN CROSSINGS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542311-03	GRATING FOR CONC FLARED END SECTION
602011-02	CATCH BASIN, TYPE D
602401-03	MANHOLE TYPE A
602701-02	MANHOLE STEPS
604001-03	FRAME & LIDS TYPE 1
604036-02	TYPE 8 GRATE
606001-04	CONCRETE CURB TYPE B & COMBO CONCRETE CURB & GUTTER
814001-02	HANDHOLES
825011-02	LIGHTING CONTROLLER PEDESTRIAN MOUNTED, 240V

## LIST OF APPLICABLE COUNTY STANDARDS

LC2050	TEMPORARY DITCH CHECK INSTALLATION FOR ROADWAY OR DRAINAGE DITCH
LC2051	PERIMETER EROSION BARRIER INSTALLATION
LC4800	TRANSITION FROM AGGREGATE SHOULDER TO B-6.24 FOR 16' OFFSET TO FACE
LC5401	TYPICAL PLACEMENT OF PRECAST END SECTIONS ON CROSSROAD CULVERTS
LC7000	TWO LANE, TWO WAY, OFF-ROAD OPERATIONS DAY OPERATIONS ONLY
LC7001	TWO LANE, TWO WAY, UNDIVIDED, URBAN LANE CLOSURE
LC7005	TYPICAL LANE CLOSURE 3 LANE ROAD SECTION
LC7800	TYPICAL PAVEMENT MARKINGS FOR COUNTY HIGHWAYS

## INDEX OF SHEETS

SHEET	TITLE
1	COVER SHEET
2	INDEX OF SHEETS, STANDARDS, AND GENERAL NOTES
3	SUMMARY OF QUANTITIES
4,5	TYPICAL SECTIONS
6-8	EROSION CONTROL AND LANDSCAPE PLAN
9-13	PLAN & PROFILE
14,15	INTERSECTION DETAILS
16-18	PAVEMENT MARKING PLAN
19-23	LIGHTING PLAN
24-28	CROSS SECTIONS
29	LIGHTING EQUIPMENT DETAILS AND ELECTRICAL LEGEND
30	CIRCUIT WIRING & COM ED PILE SERVICE DETAILS
31	LCSMC NOTES AND EROSION CONTROL DETAILS
32	PRECAST CONCRETE BOX CULVERTS, 4'X2'
33,34	LCDOT STANDARD DETAILS

## PROJECT DATUM

BENCHMARK, SPOT ELEVATIONS AND CONTOURS ARE IN LOCAL DATUM. FOR NGVD 29 ADD 2.21 FEET.

FILE NAME = F:\P0100150\SURVEY\2010 FEDICOVER.DWG	USER NAME =	DESIGNED - EKS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GREENLEAF AVENUE SIDEWALKS INDEX OF SHEETS, STANDARDS, AND GENERAL NOTES</b>	F.A.U. RTE. 2701	SECTION 10-00042-00-SW	COUNTY LAKE	TOTAL SHEETS 34	SHEET NO. 2
	PLOT SCALE = AS SHOWN	DRAWN - SRU	REVISED -							
	PLOT DATE =	CHECKED - MKK	REVISED -		SCALE: <u>N.T.S.</u>					SHEET NO. 2 OF 34 SHEETS
		DATE - 12/29/2011	REVISED -							CONTRACT NO. 63605
										ILLINOIS FED. AID PROJECT

CONSTRUCTION CODE  
ITEP FUNDS  
80% FED.  
20% L.A.  
SIDEWALK  
0031

PAY ITEM	ITEM DESCRIPTION	UNIT	QUANTITY
20100110	TREE REMOVAL (6 to 15 UNITS DIA.)	UNIT	54
20100210	TREE REMOVAL (OVER 15 UNITS DIA.)	UNIT	34
20101100	TREE TRUNK PROTECTION	EACH	13
20101200	TREE ROOT PRUNING	EACH	100
20200100	EARTH EXCAVATION	CU YD	715
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	260
20800150	TRENCH BACKFILL	CU YD	20
* 21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	3200
21400100	GRADING AND SHAPING DITCHES	FOOT	2400
* 25000210	SEEDING, CLASS 2A	ACRE	0.66
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	60
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	60
* 25100630	EROSION CONTROL BLANKET	SQ YD	3200
28000305	TEMPORARY DITCH CHECKS	EACH	6
28000400	PERIMETER EROSION BARRIER	FOOT	675
28000500	INLET AND PIPE PROTECTION	EACH	12
35101600	AGGREGATE BASE COURSE, TYPE B, 4"	SQ YD	2485
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0mm, N50	TON	11
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	11
42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5-INCH	SQ FT	21991
42400800	DETECTABLE WARNINGS	SQ FT	184
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	202
44213200	SAW CUTS	FOOT	52
54010402	PRECAST CONCRETE BOX CULVERTS, 4' X 2'	FOOT	5
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, 15"	EACH	6
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, 18"	EACH	3
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, 24"	EACH	1
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, 36"	EACH	1
54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	1
54247170	GRATING FOR CONCRETE FLARED END SECTION 36"	EACH	1
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	135
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	76
550A0120	STORM SEWERS, CLASS A, TYPE 1, 24"	FOOT	39
550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	16
55100900	STORM SEWER REMOVAL 18"	FOOT	35
55101600	STORM SEWER REMOVAL 36"	FOOT	9
60207605	CATCH BASINS, TYPE C, TYPE B GRATE	EACH	1
60213400	MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
60221100	MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	2
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	4
60500040	REMOVING MANHOLES	EACH	1
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	30
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	243
67100100	MOBILIZATION	L SUM	1
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	690
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	103

CONSTRUCTION CODE  
ITEP FUNDS  
80% FED.  
20% L.A.  
SIDEWALK  
0031

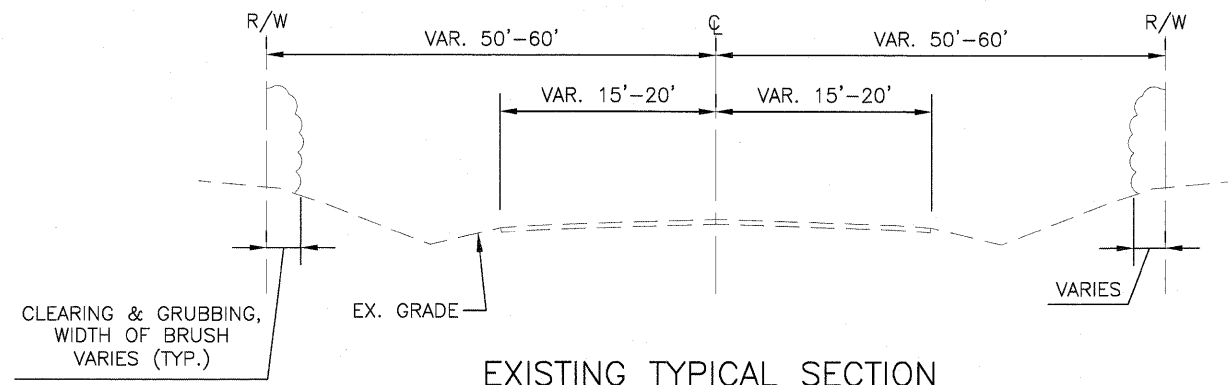
PAY ITEM	ITEM DESCRIPTION	UNIT	QUANTITY
* B1603100	UNIT DUCT, 600V, 4-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1-1/4" DIA. POLYETHYLENE	FOOT	5544
* A2000616	TREE, ACER PLATANOIDES (NORWAY MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	4
* A2002916	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2" CALIPER, BALLED AND BURLAPPED	EACH	3
* B2001616	TREE, CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	5
* X8300001	LIGHT POLE, SPECIAL	EACH	48
X0322936	REMOVE EXISTING FLARED END SECTION	EACH	6
* X8040305	ELECTRICAL SERVICE CONNECTION	LSUM	1
* X0325379	DIRECTIONAL BORING	FOOT	607
X2010510	CLEARING AND GRUBBING	L SUM	1
X4404700	SIDEWALK REMOVAL, SPECIAL	SQ FT	225
X7010216	TRAFFIC CONTROL AND PROTECTION, SPECIAL	LSUM	1
* X8360120	LIGHT POLE FOUNDATION, SPECIAL	EACH	48
XX003668	PRECONSTRUCTION VIDEO TAPING	L SUM	1
Z0042002	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	260
* Z0066900	STEEL CASINGS, 4"	FOOT	607
Z0013798	CONSTRUCTION LAYOUT	LSUM	1
Δ Z0076600	TRAINEES	HOURL	500

\* = SPECIALTY ITEM  
Δ = CONSTRUCTION TYPE CODE 0042

HOT-MIX ASPHALT MIX REQUIREMENTS TABLE

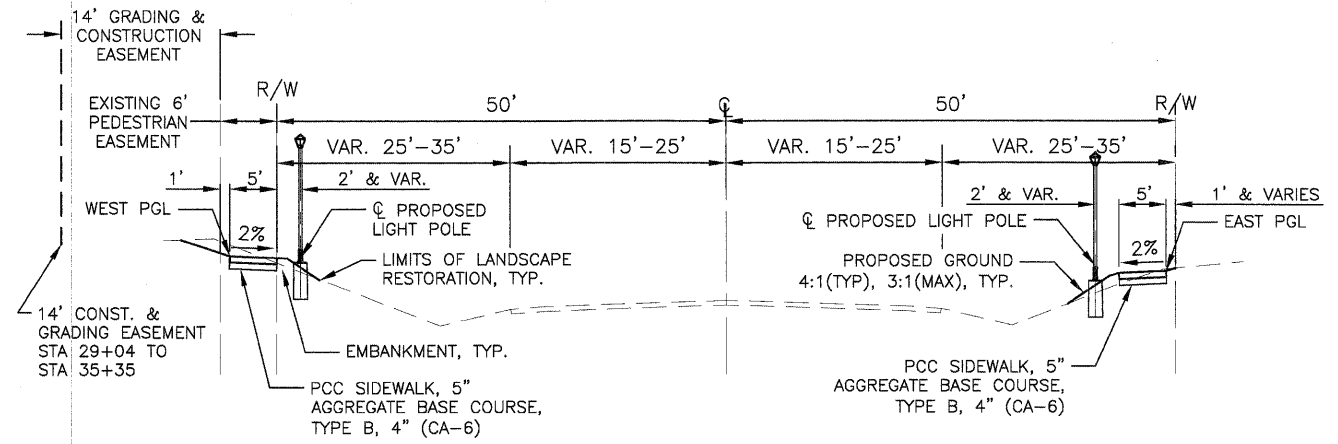
Item Description	Unit	Percent Air Voids	Lift Thickness
<b>Driveways</b>			
Hot-Mix Asphalt Surface Course, Mix "D", N50	TON	4% @ 50 Gyr.	1.5"
Hot-Mix Asphalt Binder Course, IL-19.0mm, N50	TON	4% @ 50 Gyr.	2.5"

- THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURES IS 112 LBS/SQ YD/IN.  
- THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.  
FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.



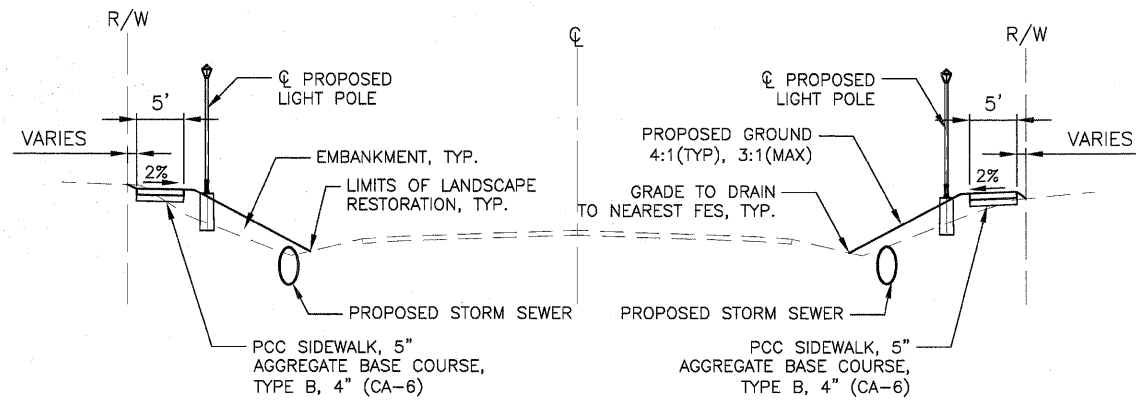
**EXISTING TYPICAL SECTION**

GREENLEAF AVE.  
STA. 15+15 TO 41+88



**PROPOSED TYPICAL SECTION**

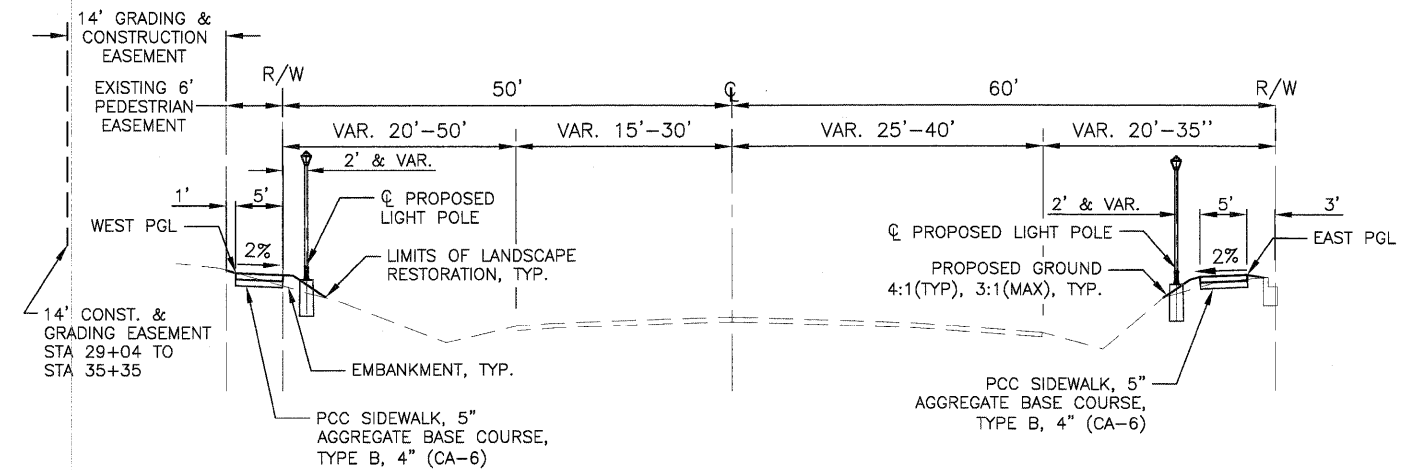
GREENLEAF AVE.  
STA. 19+02 TO 33+50



**PROPOSED TYPICAL SECTION**

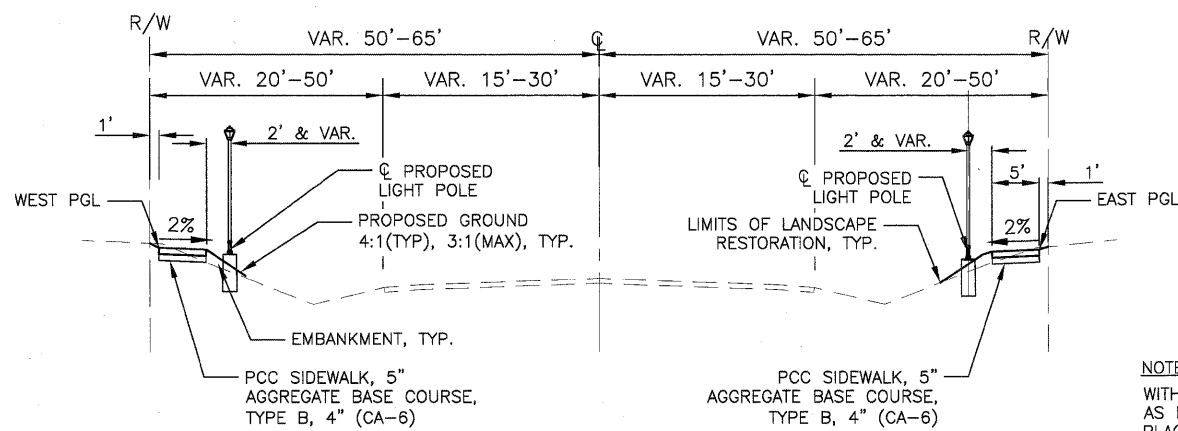
**INTERSECTION**

CORNELL    ☉ STA. 15+52.20  
LAKE PARK   ☉ STA. 22+10.03  
NORTHWOOD   ☉ STA. 28+72.22  
GREENLEAF CT. ☉ STA. 35+35.08  
SEE SHEET 5 FOR INTERSECTION CURB AND GUTTER TYPICAL SECTION DETAILS A AND B



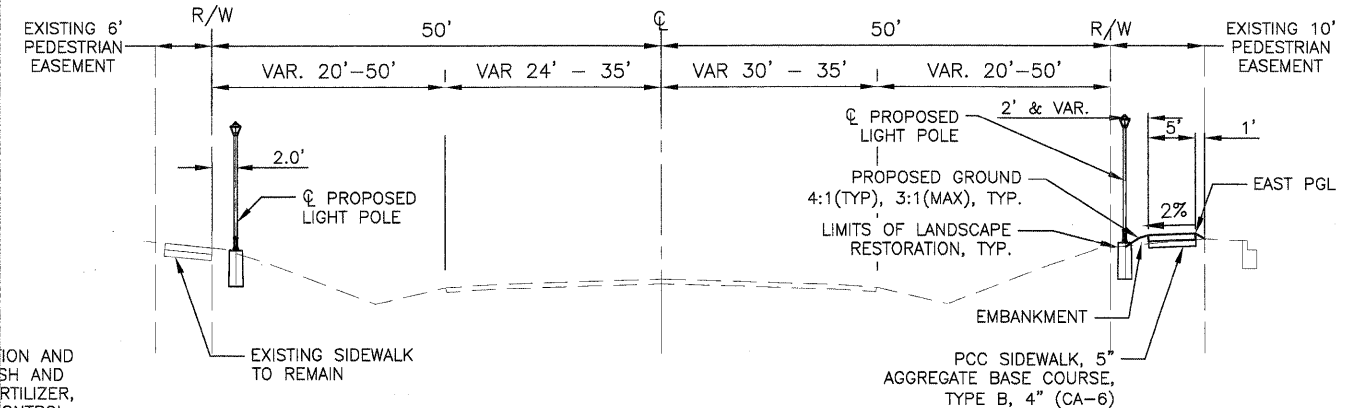
**PROPOSED TYPICAL SECTION**

GREENLEAF AVE.  
STA. 33+50 TO 35+50



**PROPOSED TYPICAL SECTION**

GREENLEAF AVE.  
STA. 15+15 TO 19+02



**PROPOSED TYPICAL SECTION**

GREENLEAF AVE.  
STA. 35+50 TO 41+88

**NOTE:**  
WITHIN LIMITS OF LANDSCAPE RESTORATION AND AS DIRECTED BY THE ENGINEER, FURNISH AND PLACE TOPSOIL, SEEDING, NITROGEN FERTILIZER, POTASSIUM FERTILIZER, AND EROSION CONTROL BLANKET.

FILE NAME = F:\P01001\50\SURVEY\2010 FED\COVER.DWG

USER NAME =	DESIGNED - EKS	REVISED -
PLOT SCALE = AS SHOWN	DRAWN - SRU	REVISED -
PLOT DATE =	CHECKED - MKK	REVISED -
	DATE - 12/29/2011	REVISED -

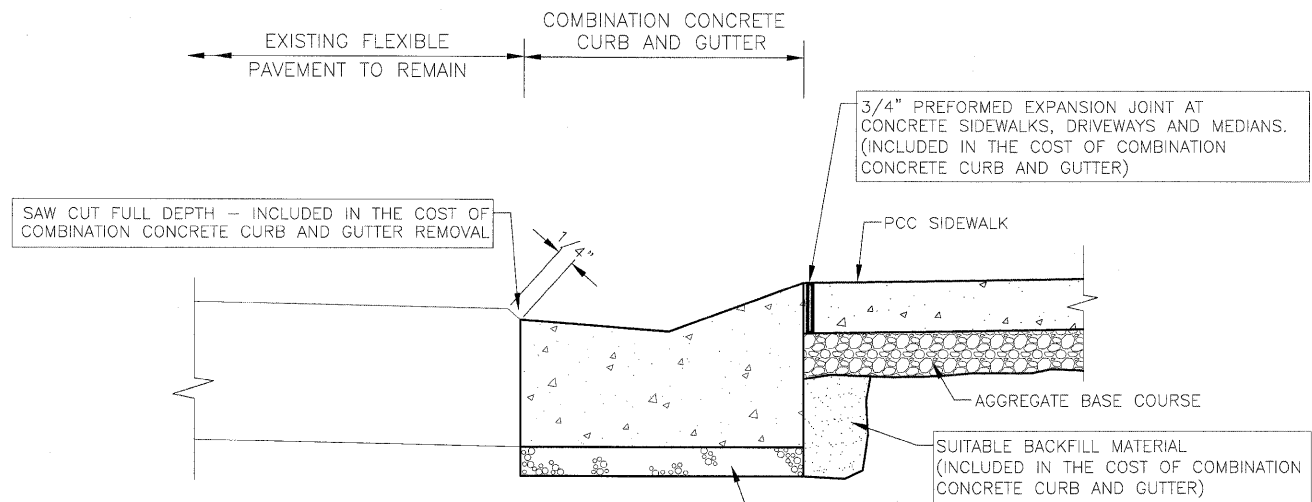
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GREENLEAF AVENUE SIDEWALKS  
TYPICAL SECTIONS

SCALE: N.T.S. SHEET NO. 4 OF 34 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2701	10-00042-00-SW	LAKE	34	4
CONTRACT NO. 63605				
ILLINOIS		FED. AID PROJECT		





NOTES:

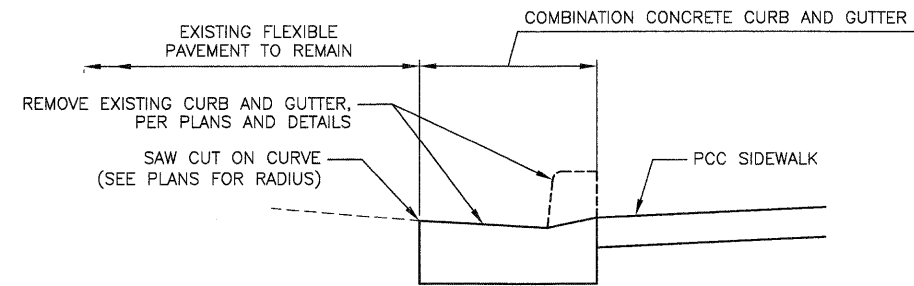
- 1 CURB AND GUTTER REPLACEMENT SHALL MEET THE SHAPE OF THE EXISTING CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.
- 2 THE EXACT LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

REMOVAL AND REPLACEMENT 4" OR LESS IS INCLUDED IN THE COST OF COMBINATION CONCRETE CURB AND GUTTER.

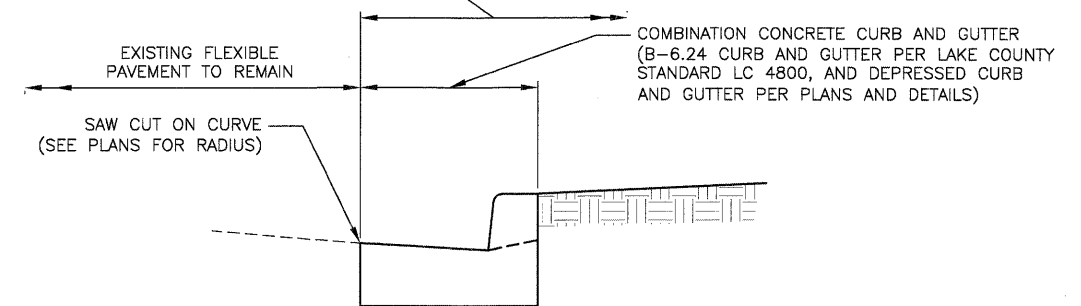
REMOVAL AND REPLACEMENT IN EXCESS OF 4" WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

COMBINATION CONCRETE CURB AND GUTTER REMOVAL, AND COMBINATION CONCRETE CURB AND GUTTER

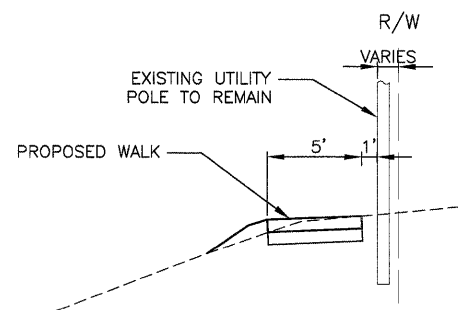


CURB AND GUTTER TYPICAL SECTION DETAIL A (CURB AND GUTTER REMOVAL AND REPLACEMENT)

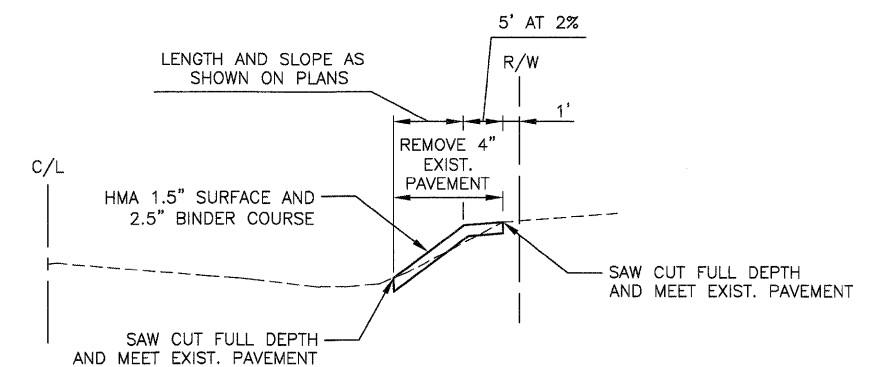
REMOVAL OF EXISTING FLEXIBLE PAVEMENT IS INCLUDED IN THE COST OF COMBINATION CONCRETE CURB AND GUTTER



CURB AND GUTTER TYPICAL SECTION DETAIL B (PAVEMENT REMOVAL, AND PROPOSED CURB AND GUTTER)

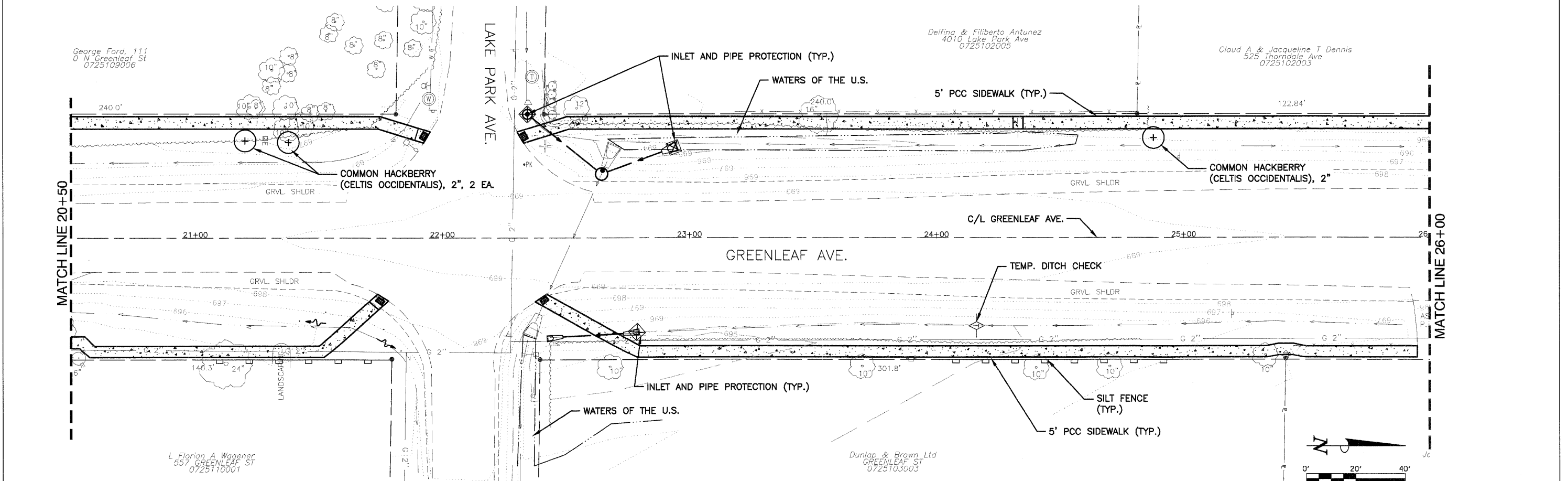
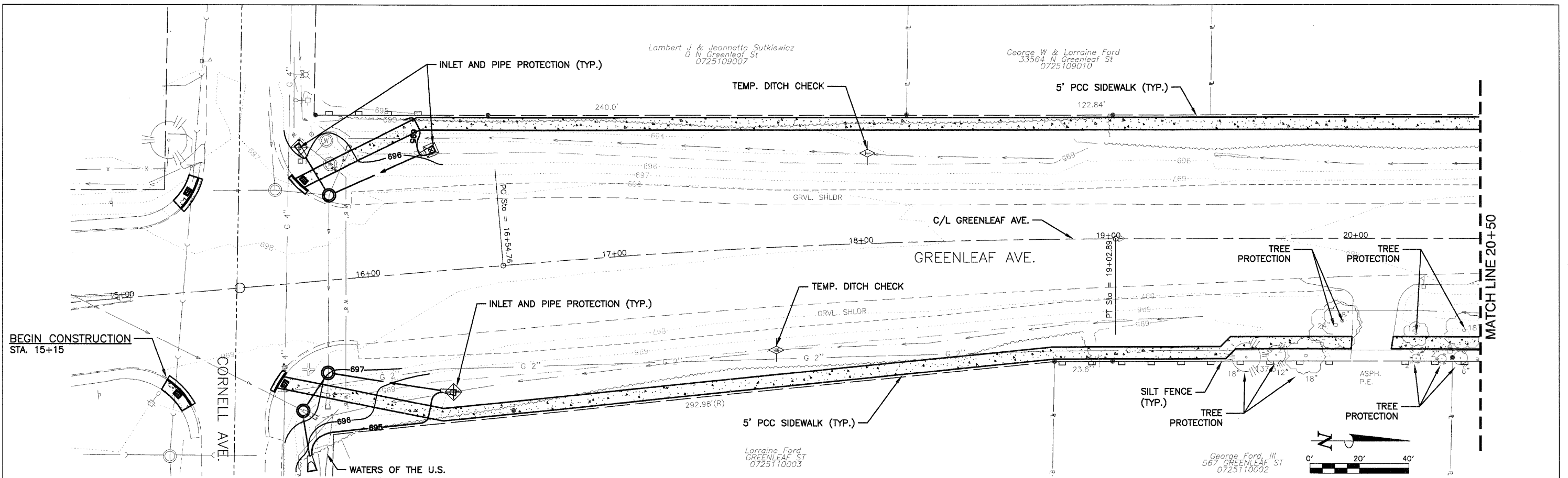


PROPOSED TYPICAL SECTION AT EXISTING POWER POLE



PROPOSED TYPICAL SECTION FOR COMMERCIAL ENTRANCE AT STATION 32+50 RT

FILE NAME = P:\PO100150\SURVEY\2010 FED\COVER.DWG	USER NAME = \$USERS\$	DESIGNED -	REVISIONS -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GREENLEAF AVENUE SIDEWALKS TYPICAL SECTIONS</b>	F.A.U. R.T.E. 2701	SECTION 10-00042-00-SW	COUNTY LAKE	TOTAL SHEETS 34	SHEET NO. 5
PLOT SCALE = AS SHOWN	CHECKED - MKK	REVISIONS -	SCALE: N.T.S.			SHEET NO. 5 OF 34 SHEETS	ILLINOIS FED. AID PROJECT			
PLOT DATE =	DATE - 12/29/2011	REVISIONS -								



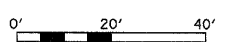
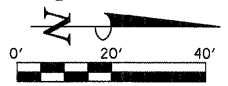
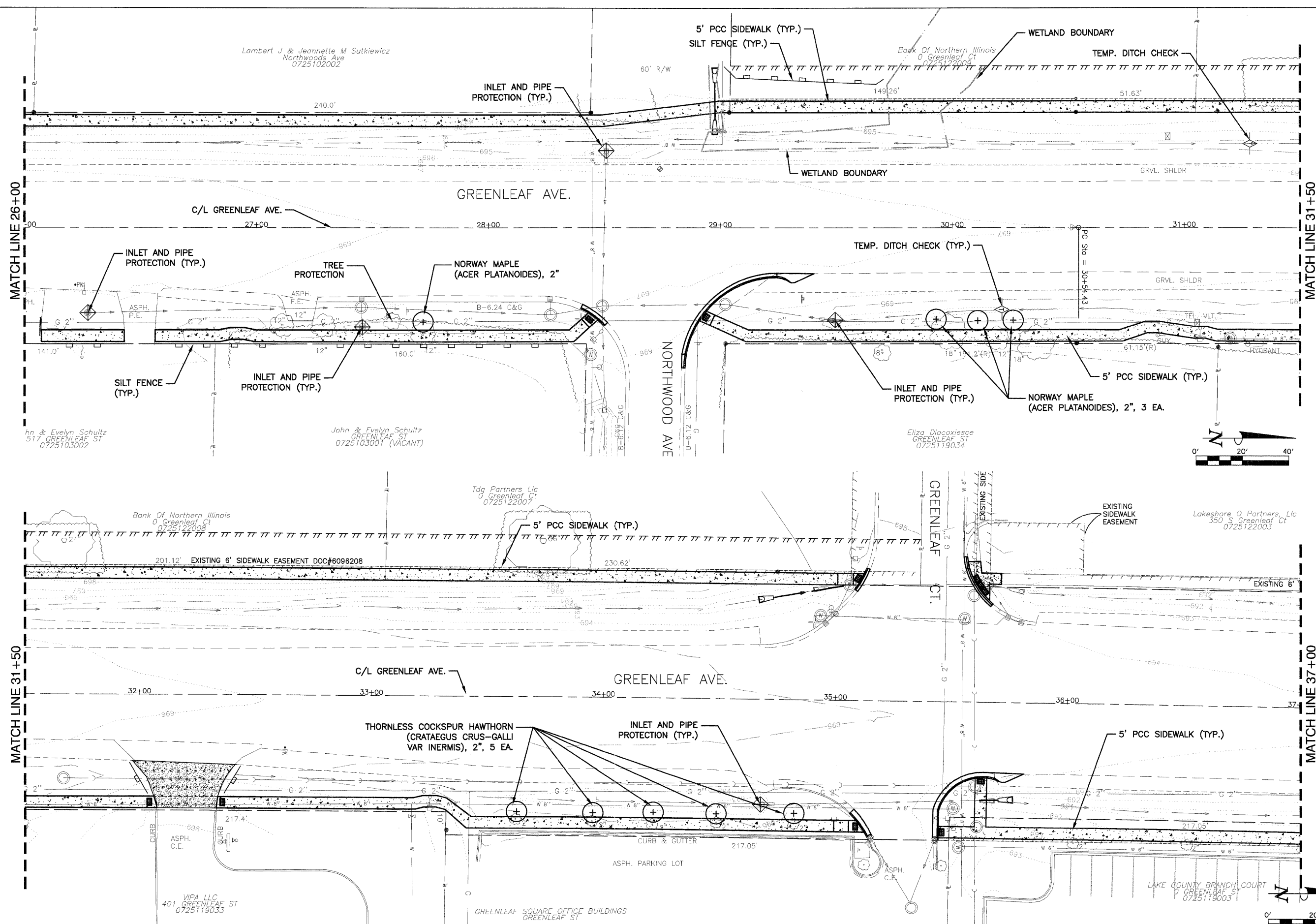
FILE NAME P:\P0100150\SURVEY\2010 FED\GREENLEAF.DWG	USER NAME -	DESIGNED - EKS	REVISED -
	PLOT SCALE = AS SHOWN	DRAWN - SRU	REVISED -
	PLOT DATE =	CHECKED - MKK	REVISED -
		DATE - 12/29/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

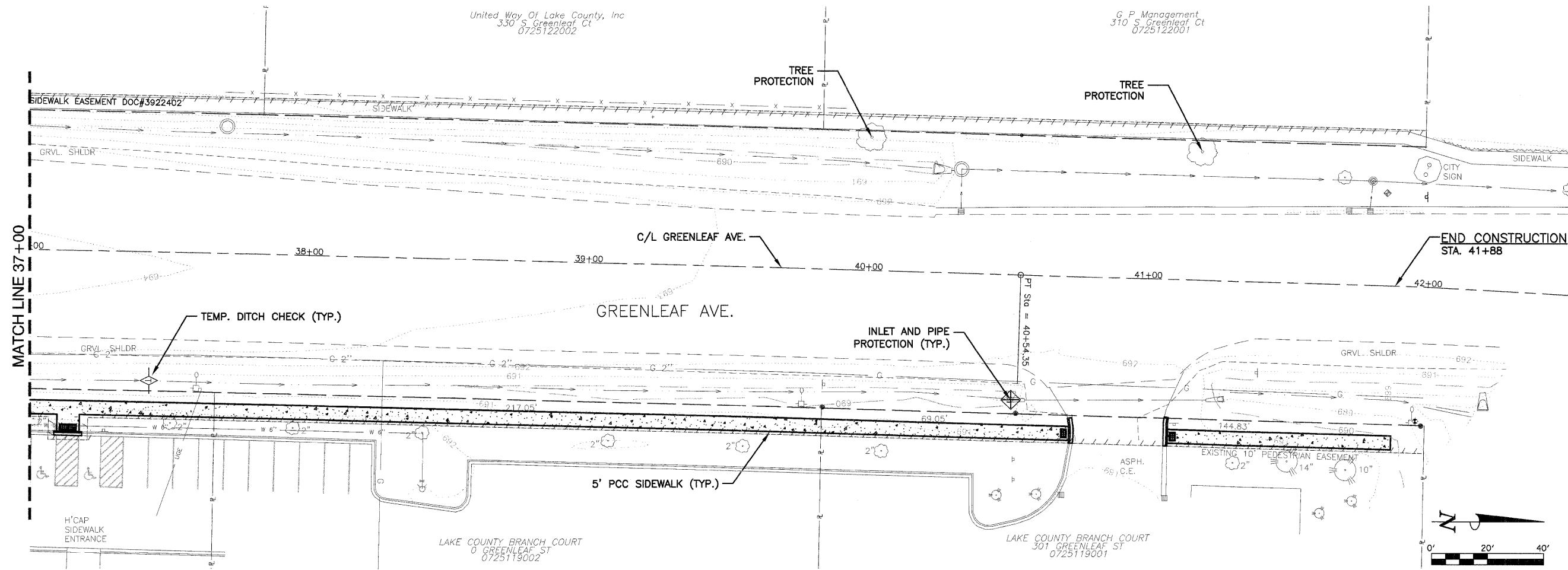
**GREENLEAF AVENUE SIDEWALKS  
EROSION CONTROL AND LANDSCAPE PLAN**

SHEET NO. 6 OF 34 SHEETS      STA. 15+75 TO STA. 26+00

F.A.U. RTE. 2701	SECTION 10-00042-00-SW	COUNTY LAKE	TOTAL SHEETS 34	SHEET NO. 6
ILLINOIS			FED. AID PROJECT	
CONTRACT NO. 63605				



FILE NAME = P:\P0100150\SURVEY\2010 FED\GREENLEAF.DWG	USER NAME =	DESIGNED - EKS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GREENLEAF AVENUE SIDEWALKS EROSION CONTROL AND LANDSCAPE PLAN</b>	F.A.U. RTE. = 2701	SECTION = 10-00042-00-SW	COUNTY = LAKE	TOTAL SHEETS = 34	SHEET NO. = 7	
PLOT SCALE = AS SHOWN	CHECKED - MKK	REVISOR -	REVISOR -			CONTRACT NO. 63605					
PLOT DATE =	DATE = 12/29/2011	REVISOR -	REVISOR -			SHEET NO. 7 OF 34 SHEETS    STA. 26+00 TO STA. 37+00					
						ILLINOIS    FED. AID PROJECT					



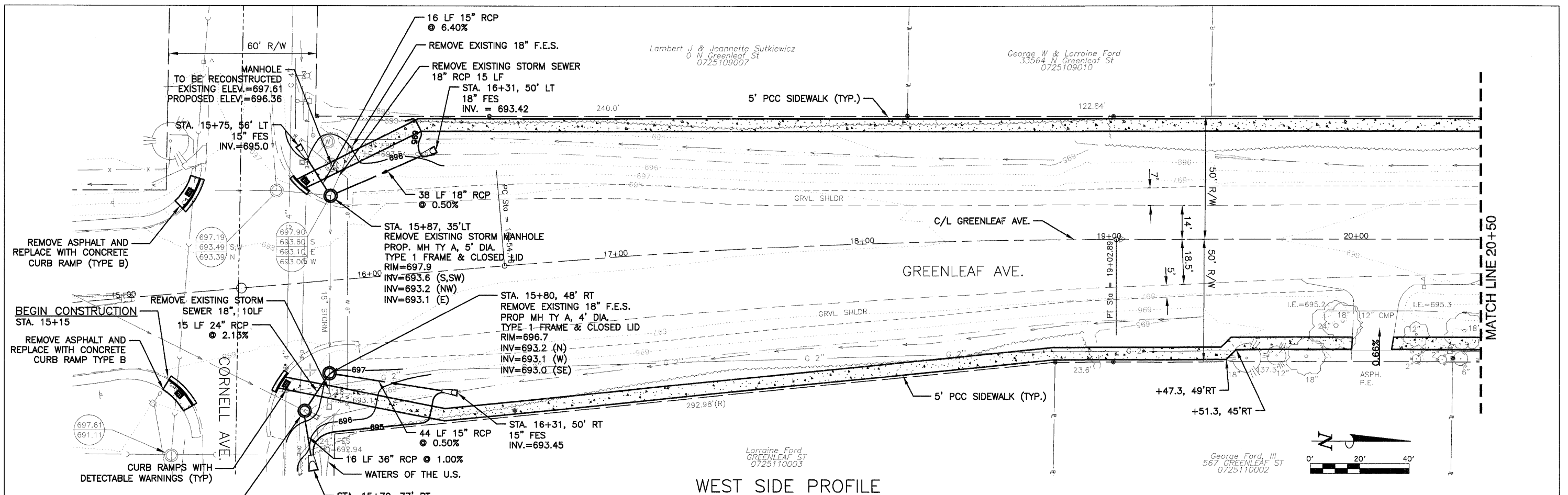
FILE NAME = P:\P0100150\SURVEY\2010 FED\GREENLEAF.DWG	USER NAME =	DESIGNED - EKS	REVISED -
		DRAWN - SRU	REVISED -
	PLOT SCALE = AS SHOWN	CHECKED - MKK	REVISED -
	PLOT DATE =	DATE - 12/29/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

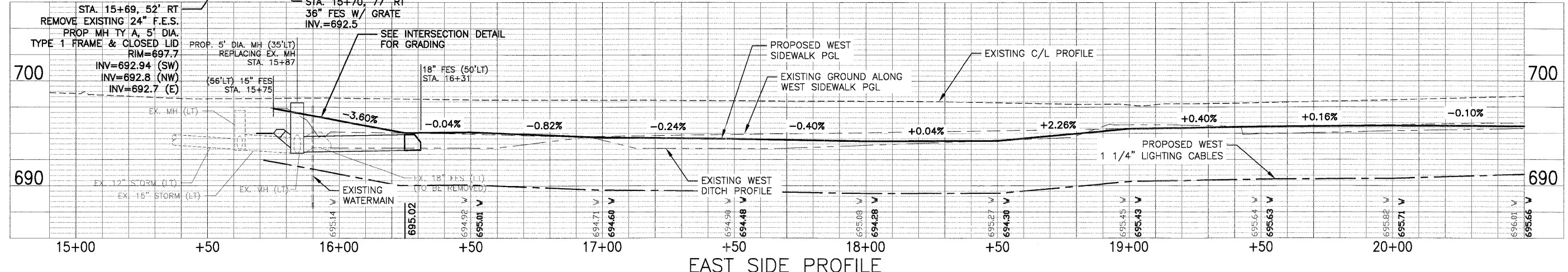
**GREENLEAF AVENUE SIDEWALKS  
EROSION CONTROL AND LANDSCAPE PLAN**

SHEET NO. 8 OF 34 SHEETS      STA. 37+00 TO STA. 42+00

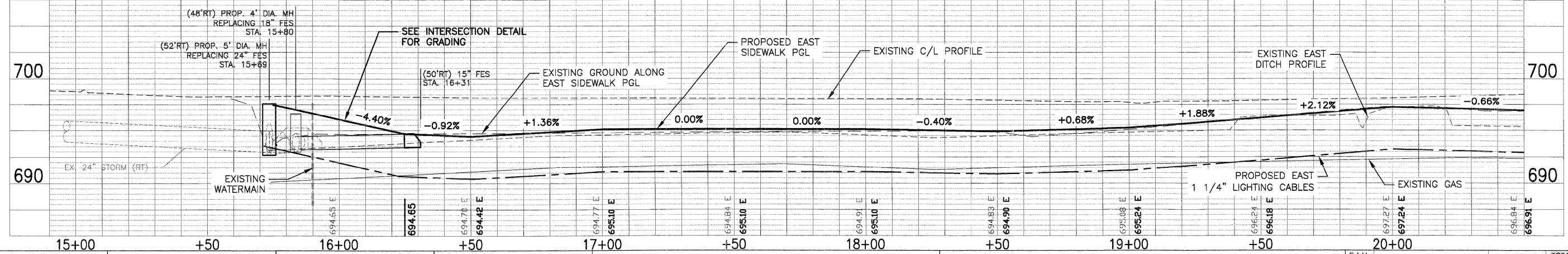
FAU RTE. 2701	SECTION 10-00042-00-SW	COUNTY LAKE	TOTAL SHEETS 34	SHEET NO. 8
		CONTRACT NO. 63605		
		ILLINOIS FED. AID PROJECT		



WEST SIDE PROFILE



EAST SIDE PROFILE

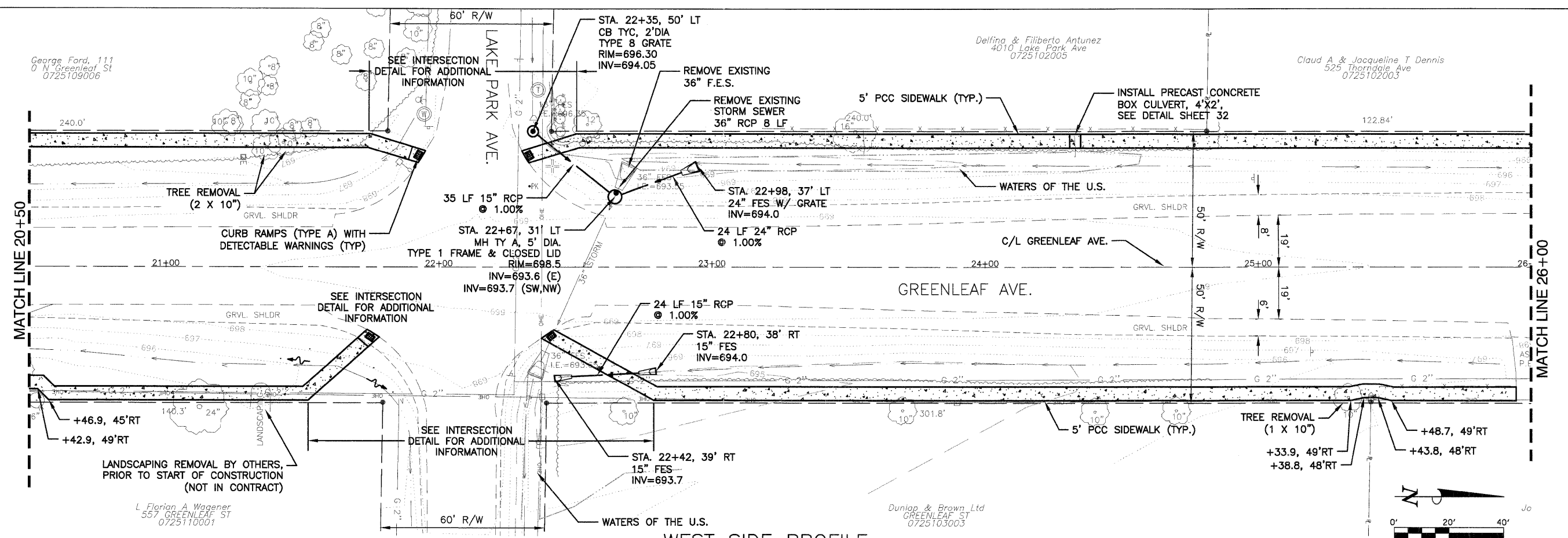


FILE NAME = P:\P01001\00\SURVEY\2010 FED\GREENLEAF.DWG	USER NAME =	DESIGNED - EKS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GREENLEAF AVENUE SIDEWALKS PLAN AND PROFILE		F.A.U. RTE. = 2701	SECTION = 10-00042-00-SW	COUNTY = LAKE	TOTAL SHEETS = 34	SHEET NO. = 9
	PLOT SCALE = AS SHOWN	DRAWN - SRU	REVISED -		SHEET NO. 9 OF 34 SHEETS		STA. 15+75 TO STA. 20+50		CONTRACT NO. 63605		
	PLOT DATE =	CHECKED - MKK	REVISED -		ILLINOIS		FED. AID PROJECT				
		DATE = 12/29/2011	REVISED -								

George Ford, 111  
0 N Greenleaf St  
0725109006

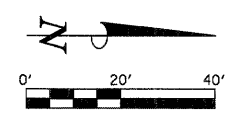
Delfino & Filiberto Antunez  
4010 Lake Park Ave  
0725102005

Claud A & Jacqueline T Dennis  
525 Thorndale Ave  
0725102003

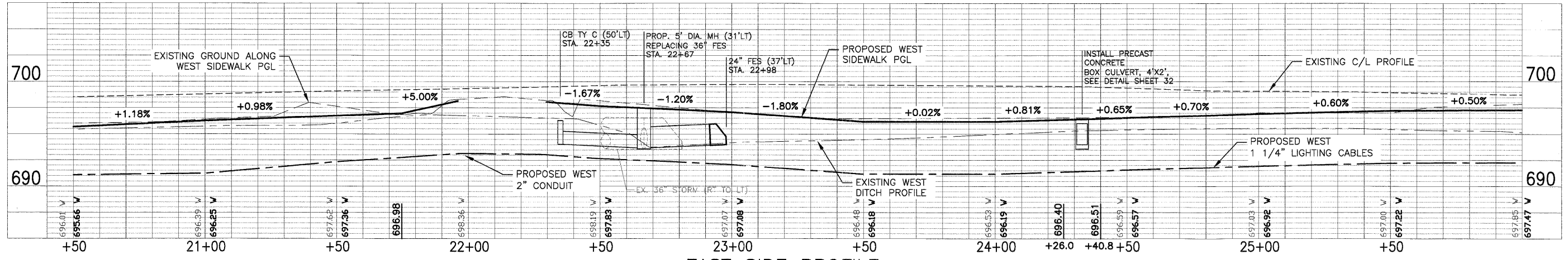


L Florian A Wagener  
557 GREENLEAF ST  
0725110001

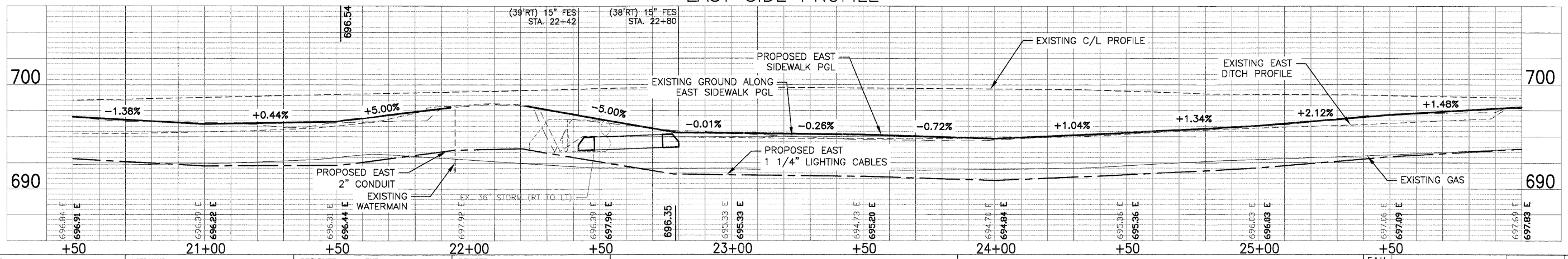
Dunlop & Brown Ltd  
GREENLEAF ST  
0725103003



WEST SIDE PROFILE

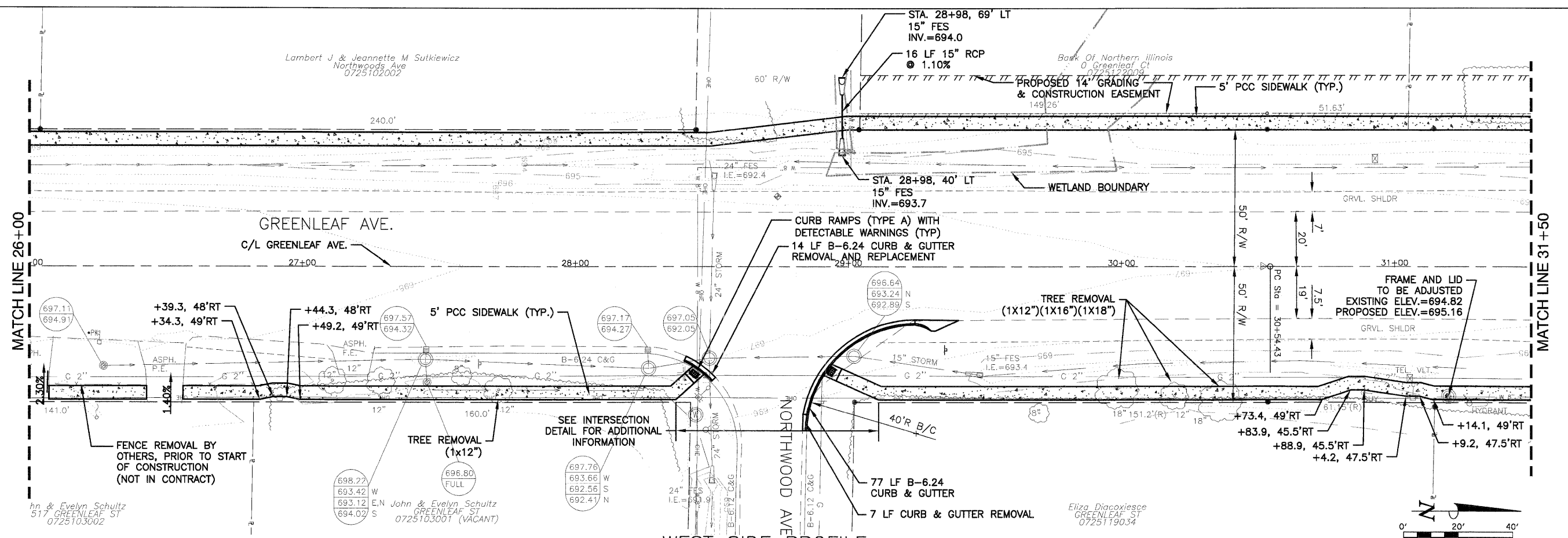


EAST SIDE PROFILE

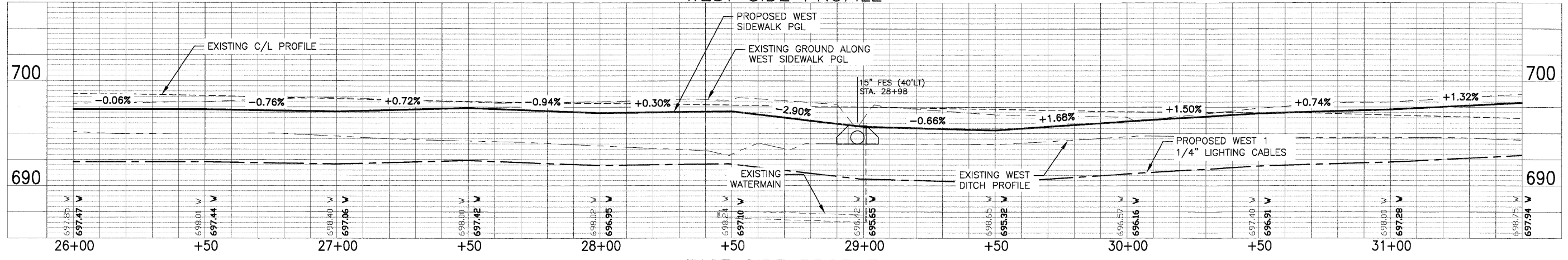


FILE NAME = P:\P0100150\SURVEY\2010 FED\GREENLEAF.DWG	USER NAME =	DESIGNED - EKS	REVISOR -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GREENLEAF AVENUE SIDEWALKS PLAN AND PROFILE	F.A.U. RTE. = 2701	SECTION = 10-00042-00-SW	COUNTY = LAKE	TOTAL SHEETS = 34	SHEET NO. = 10
PLOT SCALE = AS SHOWN	DRAWN - SRU	REVISOR -	CONTRACT NO. = 63605							
PLOT DATE =	CHECKED - MKK	REVISOR -	ILLINOIS FED. AID PROJECT							
DATE = 12/29/2011	REVISOR -	REVISOR -								

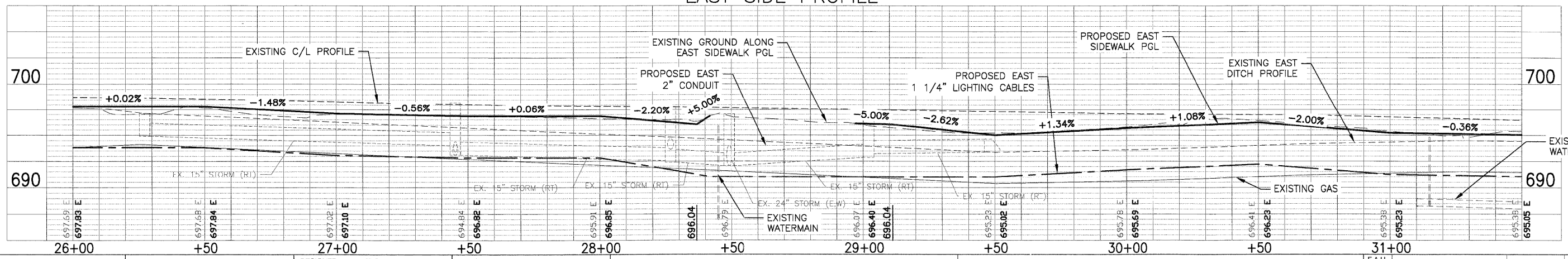




WEST SIDE PROFILE



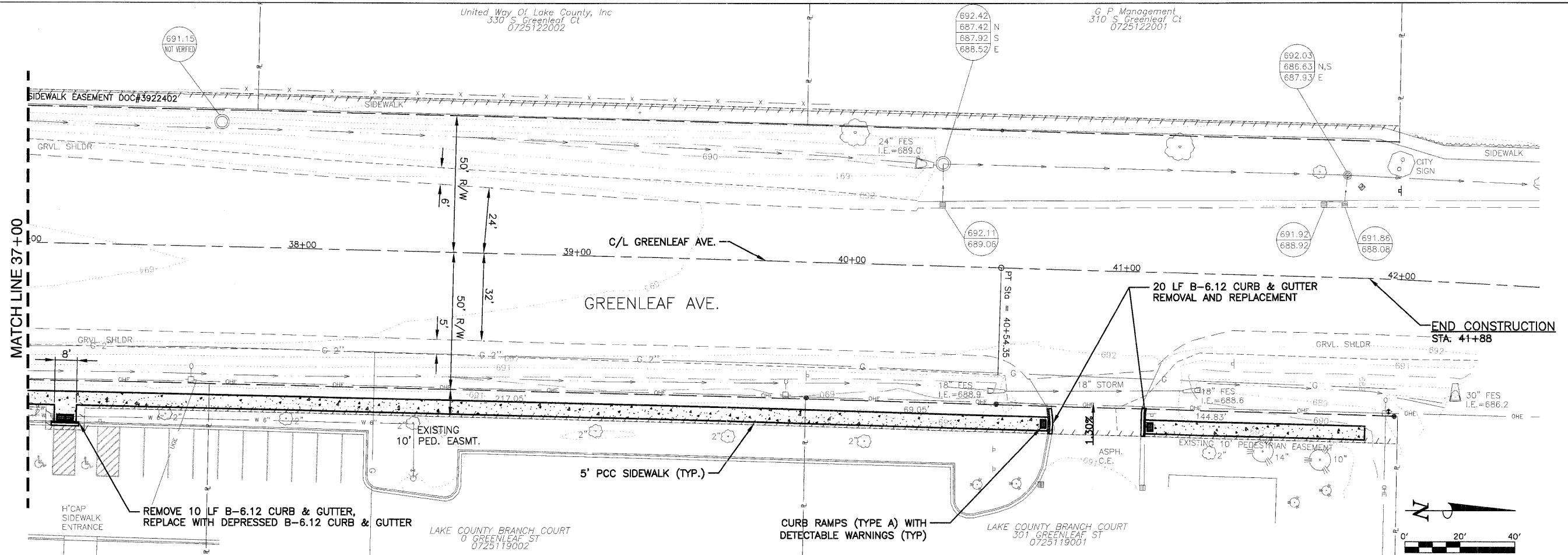
EAST SIDE PROFILE



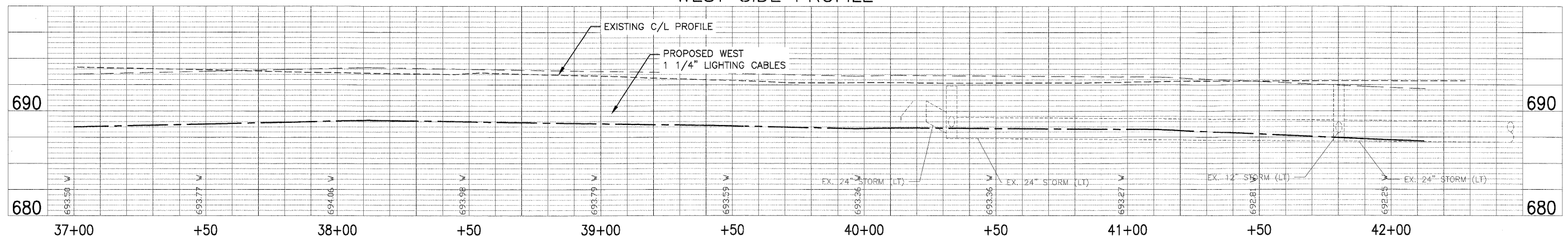


United Way Of Lake County, Inc  
330 S. Greenleaf Ct  
0725122002

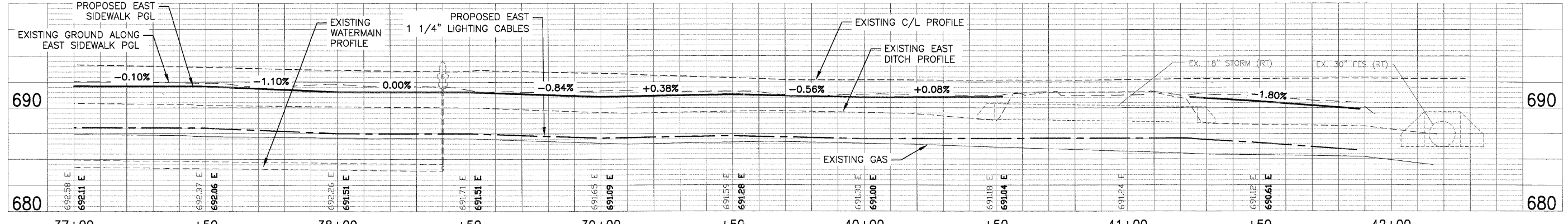
G. P. Management  
310 S. Greenleaf Ct  
0725122001



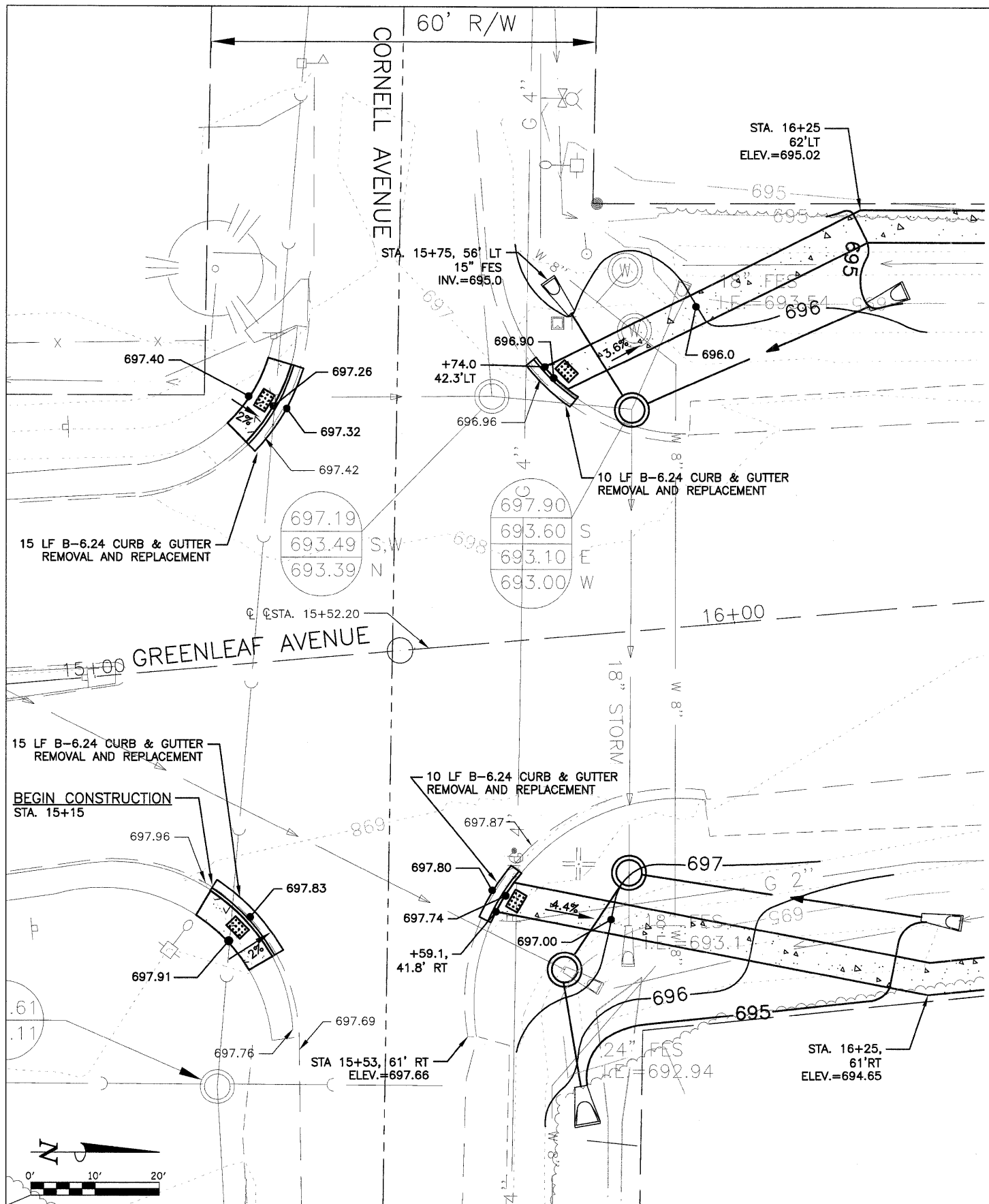
WEST SIDE PROFILE



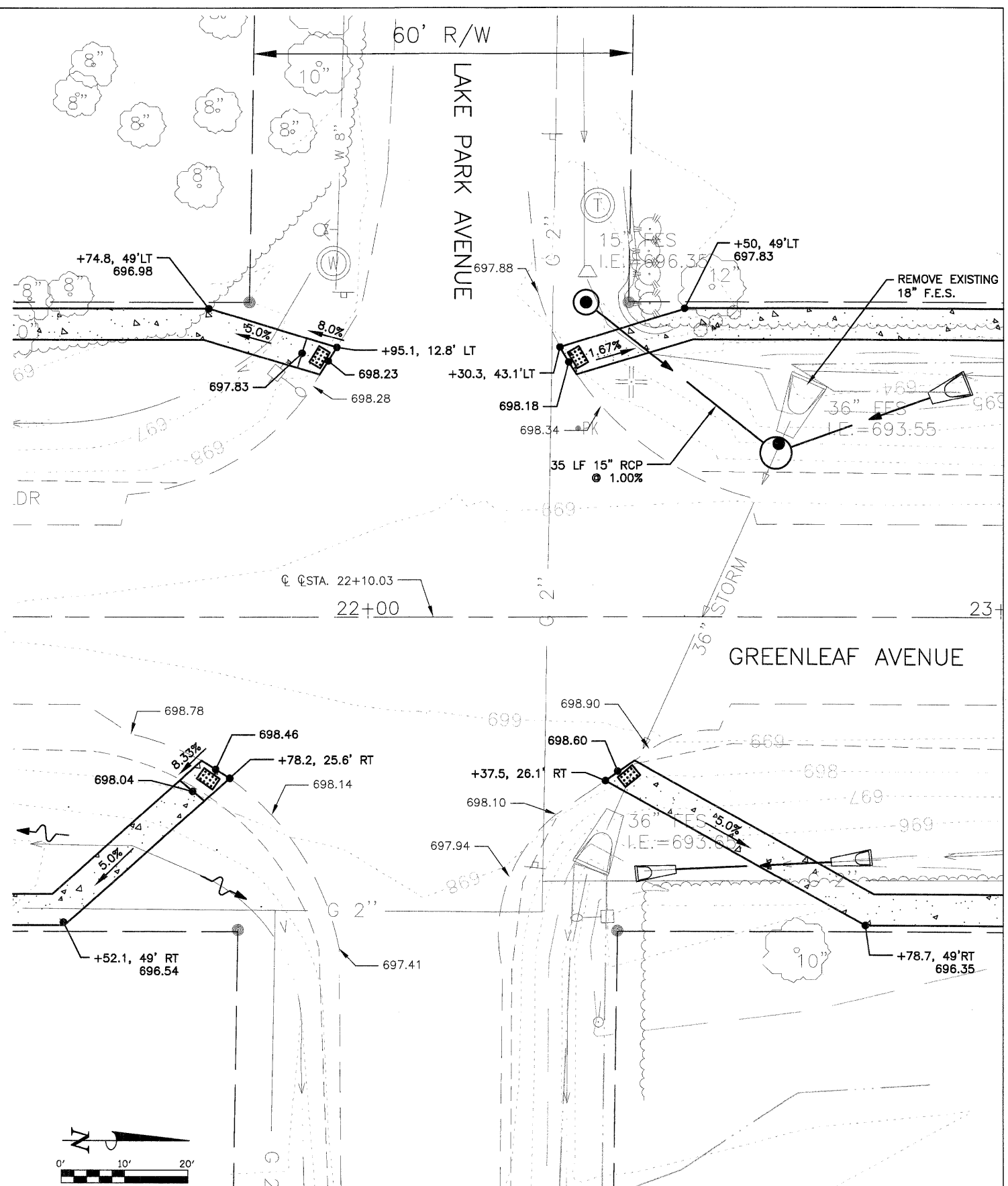
EAST SIDE PROFILE



FILE NAME = F:\P0100150\SURVEY\2010 FED\GREENLEAF.DWG	USER NAME =	DESIGNED - EKS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GREENLEAF AVENUE SIDEWALKS PLAN AND PROFILE	F.A.U. RTE. 2701	SECTION 10-00042-00-SW	COUNTY LAKE	TOTAL SHEETS 34	SHEET NO. 13	
PLOT SCALE = AS SHOWN	DRAWN - SRU	CHECKED - MKK	REVISI			SHEET NO. 13 OF 34 SHEETS	STA. 37+00 TO STA. 42+00	CONTRACT NO. 63605		ILLINOIS FED. AID PROJECT	
PLOT DATE =	DATE - 12/29/2011	REVISI	REVISI								



CORNELL AVENUE & GREENLEAF AVENUE INTERSECTION DETAIL



LAKE PARK AVENUE & GREENLEAF AVENUE

FILE NAME - P:\P0100150\SURVEY\2010 FED\GREENLEAF.DWG  
 USER NAME -  
 DESIGNED - EKS  
 DRAWN - SRU  
 CHECKED - MKK  
 PLOT SCALE - AS SHOWN  
 PLOT DATE -  
 DATE - 12/29/2011

DESIGNED - EKS  
 DRAWN - SRU  
 CHECKED - MKK  
 DATE - 12/29/2011

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

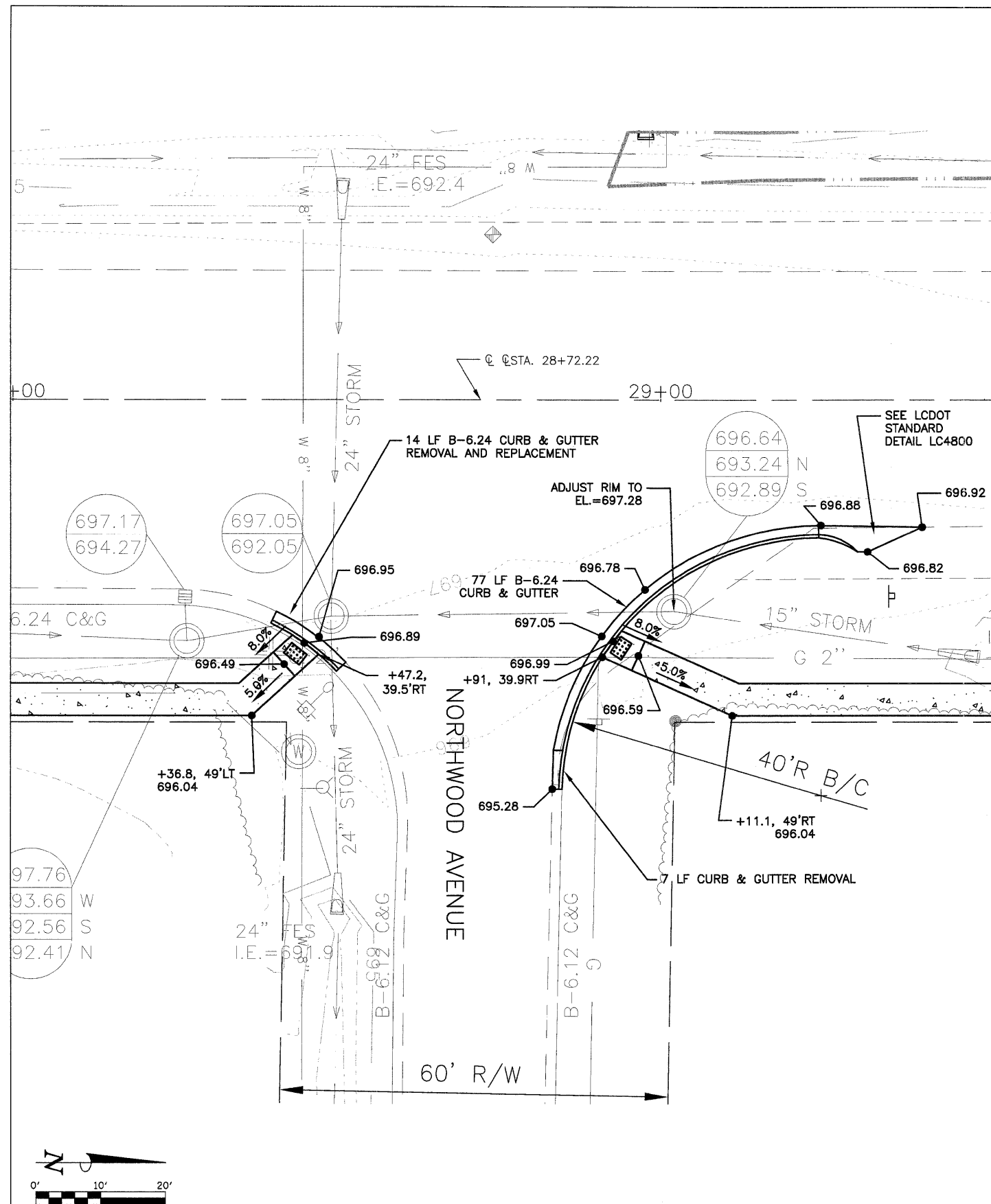
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAILS

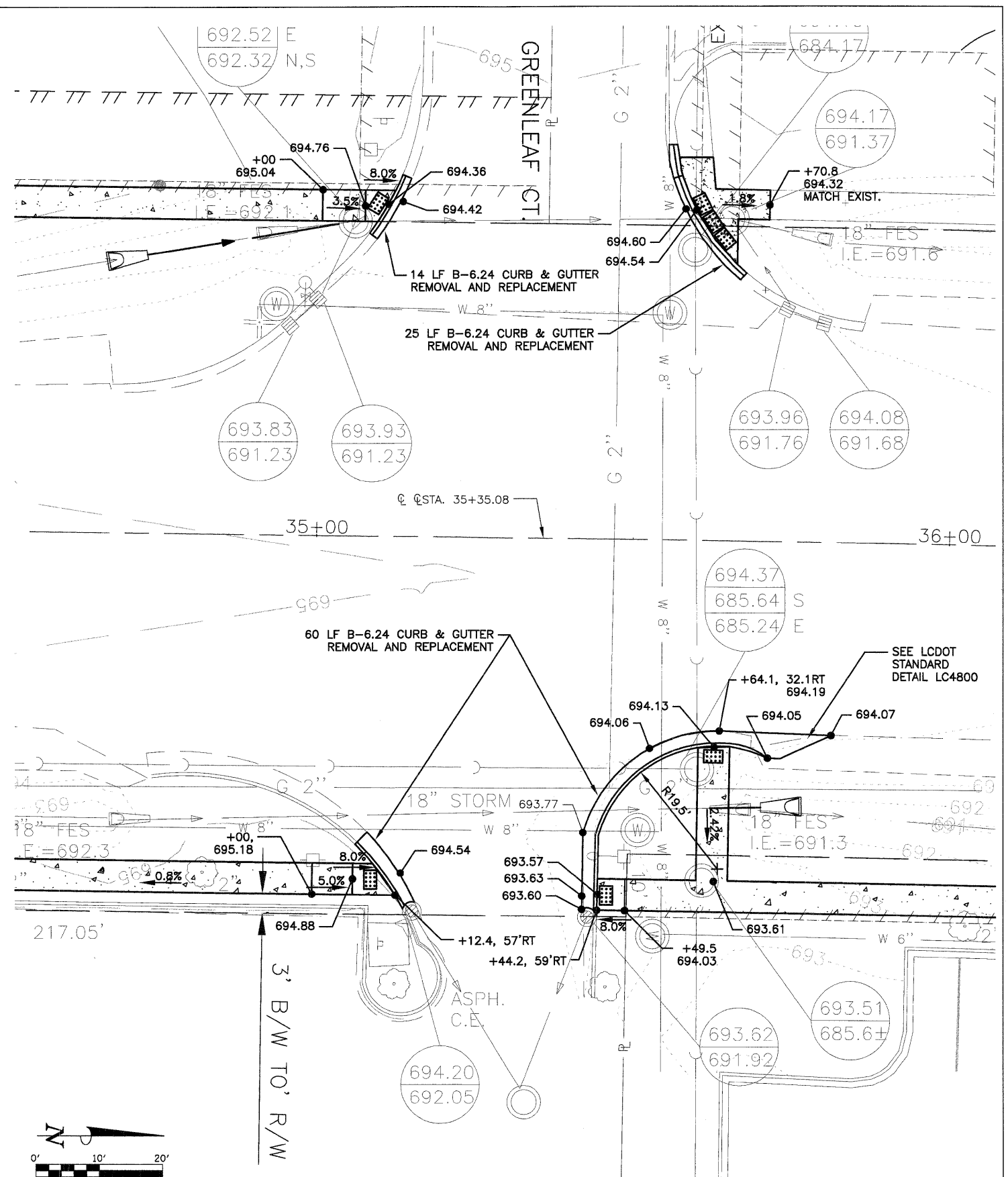
SHEET NO. 14 OF 34 SHEETS STA. 15+75 TO STA. 20+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2701	10-00042-00-SW	LAKE	34	14
CONTRACT NO. 63605				
ILLINOIS FED. AID PROJECT				





NORTHWOOD AVENUE & GREENLEAF AVENUE INTERSECTION DETAIL

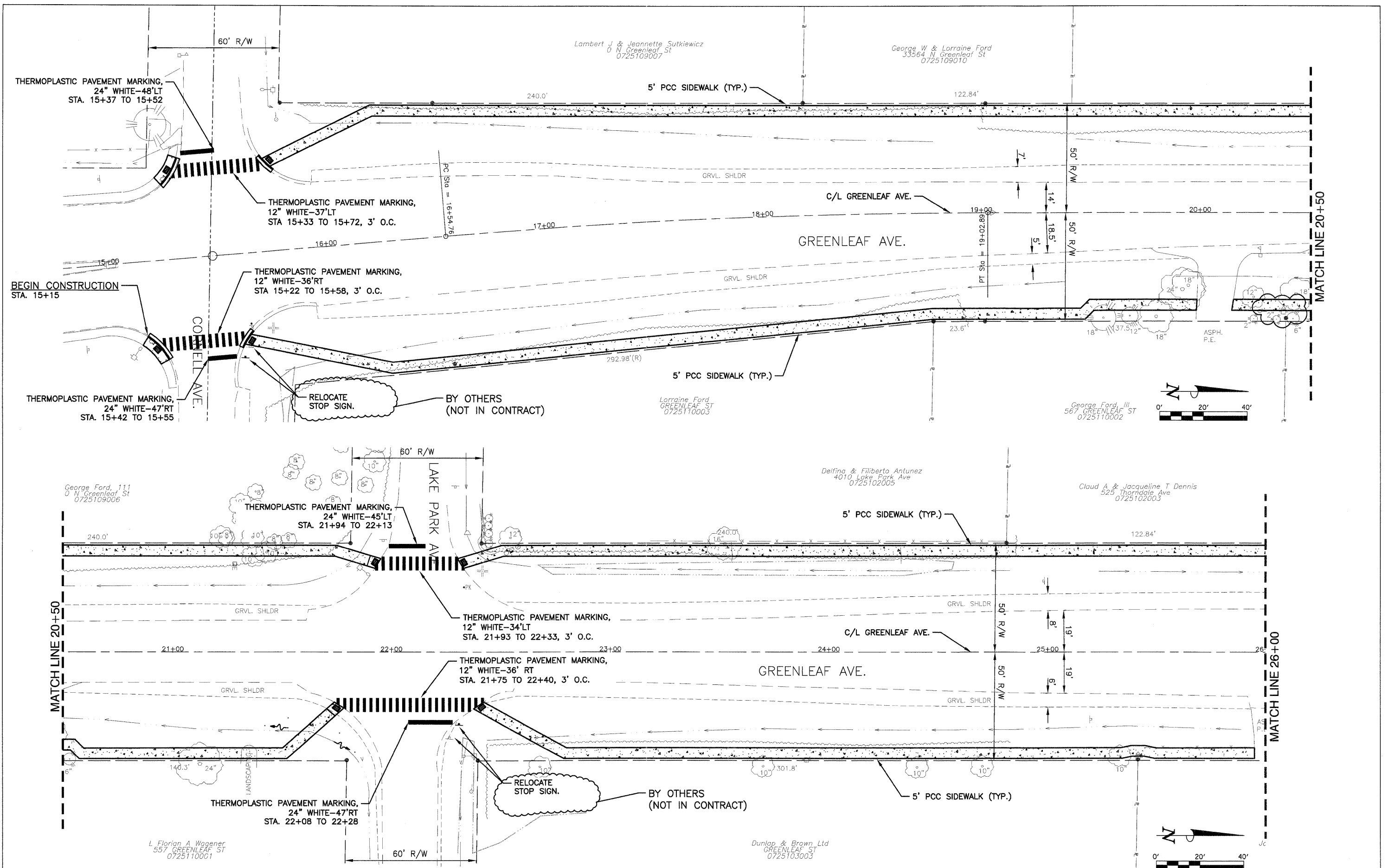


GREENLEAF CT. AVENUE & GREENLEAF AVENUE INTERSECTION DETAIL

FILE NAME = P:\P0100150\SURVEY\2010 FED\GREENLEAF.DWG	USER NAME =	DESIGNED - EKS	REVISED -
		DRAWN - SRU	REVISED -
	PLOT SCALE = AS SHOWN	CHECKED - MKK	REVISED -
	PLOT DATE =	DATE - 12/29/2011	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAILS		F.A.U. RTE. = 2701	SECTION = 10-00042-00-SW	COUNTY = LAKE	TOTAL SHEETS = 34	SHEET NO. = 15
SHEET NO. 15 OF 34 SHEETS		STA. 15+75 TO STA. 20+50		CONTRACT NO. 63605		
		ILLINOIS		FED. AID PROJECT		



FILE NAME = P:\P0100150\SURVEY\2010 FED\GREENLEAF.DWG	USER NAME =	DESIGNED - EKS	REVISED -
		DRAWN - SRU	REVISED -
	PLOT SCALE = AS SHOWN	CHECKED - MKK	REVISED -
	PLOT DATE =	DATE - 12/29/2011	REVISED -

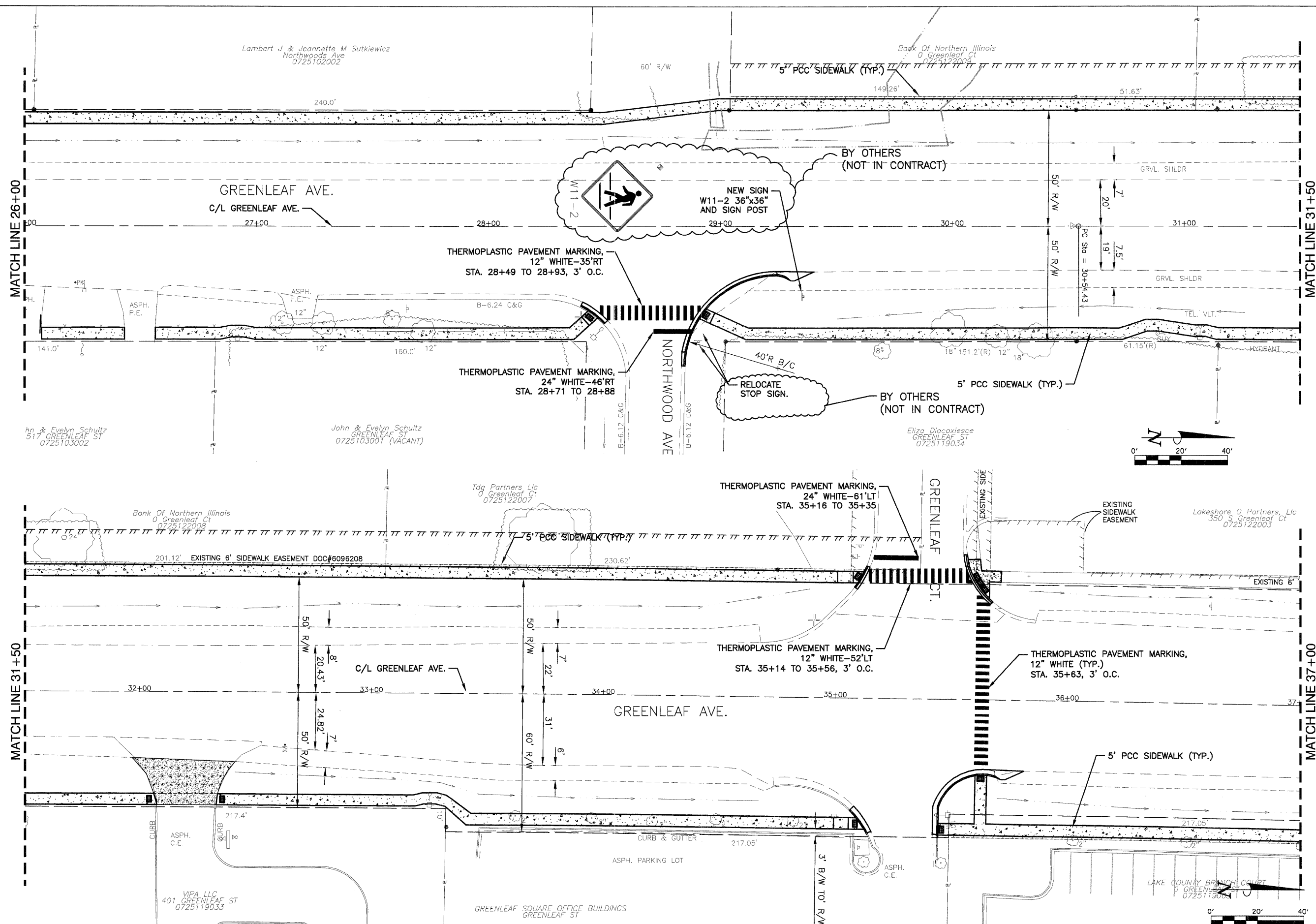
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GREENLEAF AVENUE SIDEWALKS  
PAVEMENT MARKING PLAN**

SHEET NO. 16 OF 34 SHEETS      STA. 15+75 TO STA. 26+00

F.A.U. RTE. 2701	SECTION 10-00042-00-SW	COUNTY LAKE	TOTAL SHEETS 34	SHEET NO. 16
CONTRACT NO. 63605				
ILLINOIS      FED. AID PROJECT				





FILE NAME = P:\P01\00150\SURVEY\2010 FED\GREENLEAF.DWG  
 USER NAME =  
 PLOT SCALE = AS SHOWN  
 PLOT DATE =

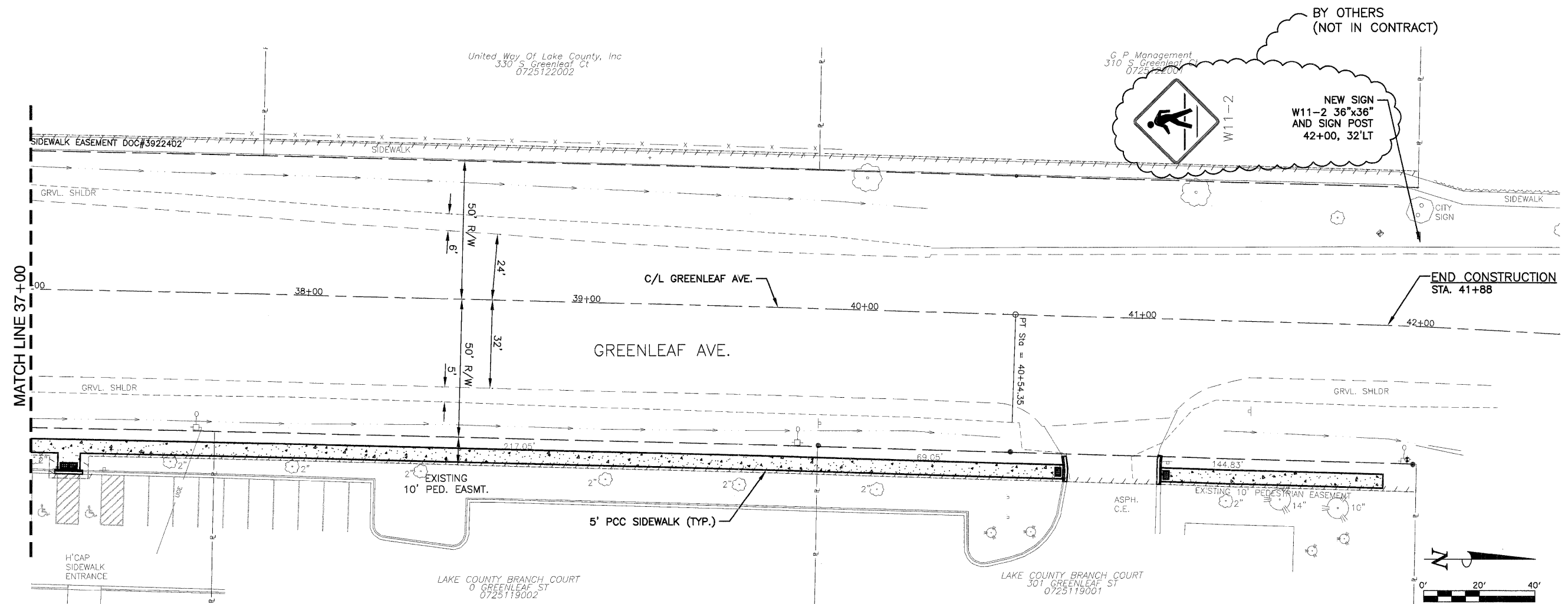
DESIGNED - EKS  
 DRAWN - SRU  
 CHECKED - MKK  
 DATE - 12/29/2011

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

GREENLEAF AVENUE SIDEWALKS  
 PAVEMENT MARKING PLAN  
 SHEET NO. 17 OF 34 SHEETS  
 STA. 26+00 TO STA. 37+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2701	10-00042-00-SW	LAKE	34	17
ILLINOIS			CONTRACT NO. 63605	
FED. AID PROJECT				



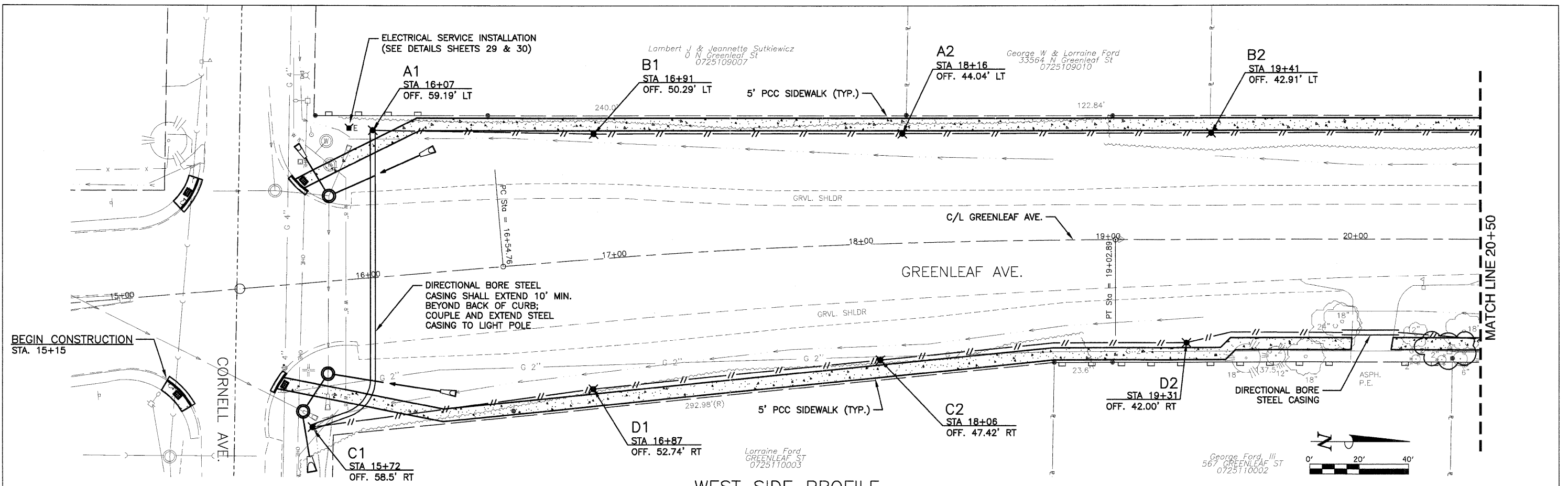
FILE NAME = P:\PO100150\SURVEY\2010 FED\GREENLEAF.DWG	USER NAME =	DESIGNED - EKS	REVISED -
		DRAWN - SRU	REVISED -
	PLOT SCALE = AS SHOWN	CHECKED - MKK	REVISED -
	PLOT DATE =	DATE - 12/29/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

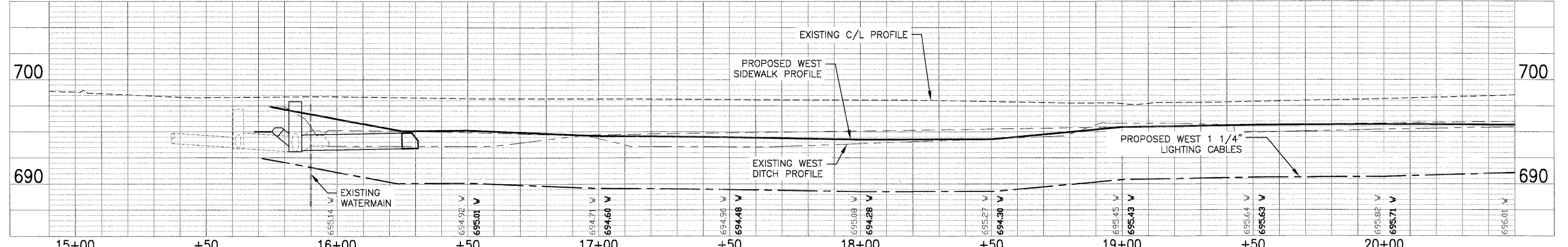
**GREENLEAF AVENUE SIDEWALKS  
PAVEMENT MARKING PLAN**

SHEET NO. 18 OF 34 SHEETS    STA. 37+00 TO STA. 42+00

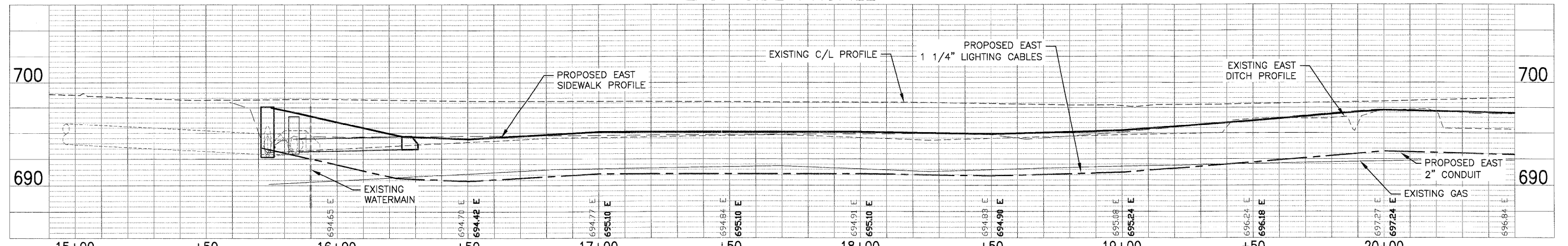
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2701	10-00042-00-SW	LAKE	34	18
CONTRACT NO. 63605				
ILLINOIS    FED. AID PROJECT				



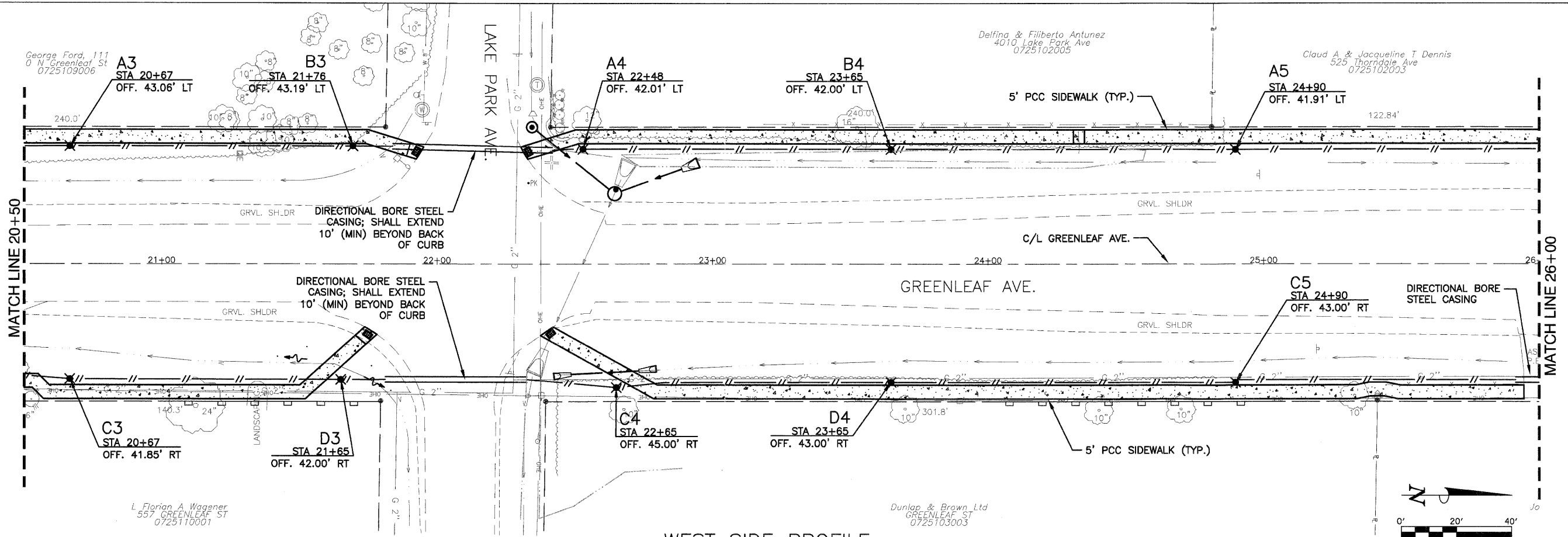
WEST SIDE PROFILE



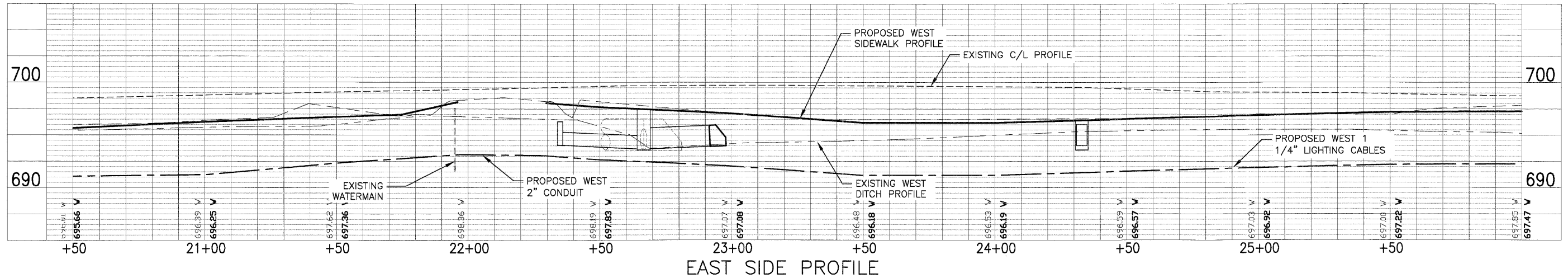
EAST SIDE PROFILE



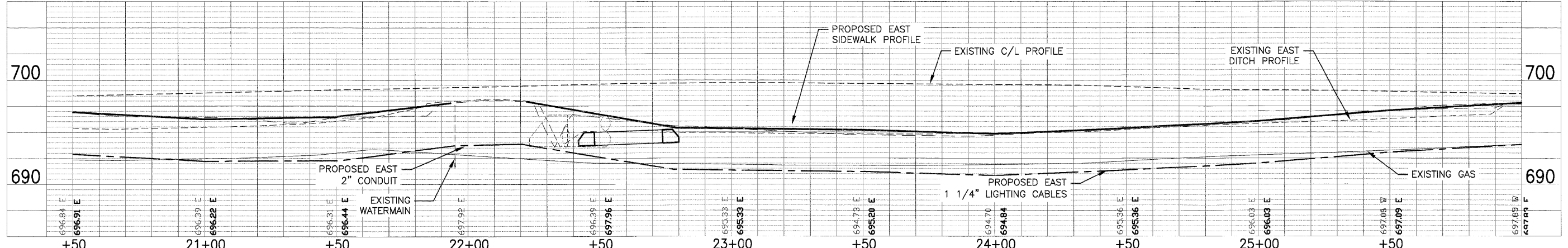
FILE NAME - P:\P0100\50\SURVEY\2010 FED\GREENLEAF.DWG	USER NAME -	DESIGNED - EKS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GREENLEAF AVENUE SIDEWALKS LIGHTING PLAN	F.A.U. RTE. 2701	SECTION 10-00042-00-SW	COUNTY LAKE	TOTAL SHEETS 34	SHEET NO. 19	
PLOT SCALE - AS SHOWN	CHECKED - MKK	DATE - 12/29/2011	REVISED -			SHEET NO. 19 OF 34 SHEETS	STA. 15+75 TO STA. 20+50	ILLINOIS FED. AID PROJECT		CONTRACT NO. 63605	



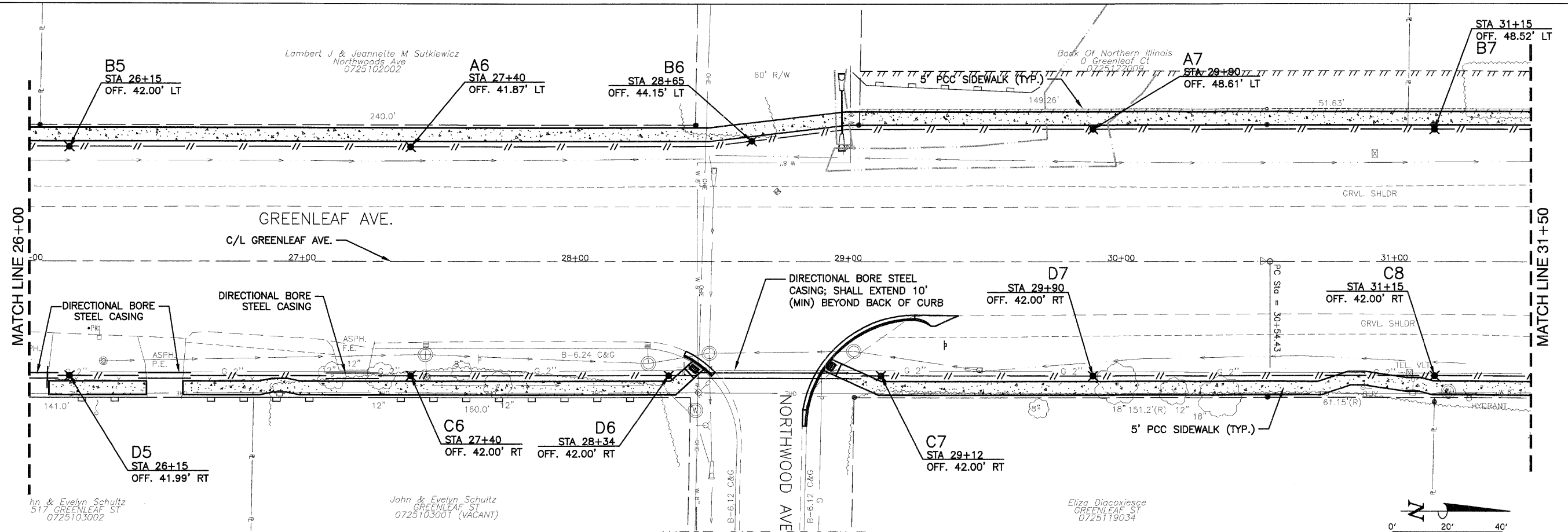
WEST SIDE PROFILE



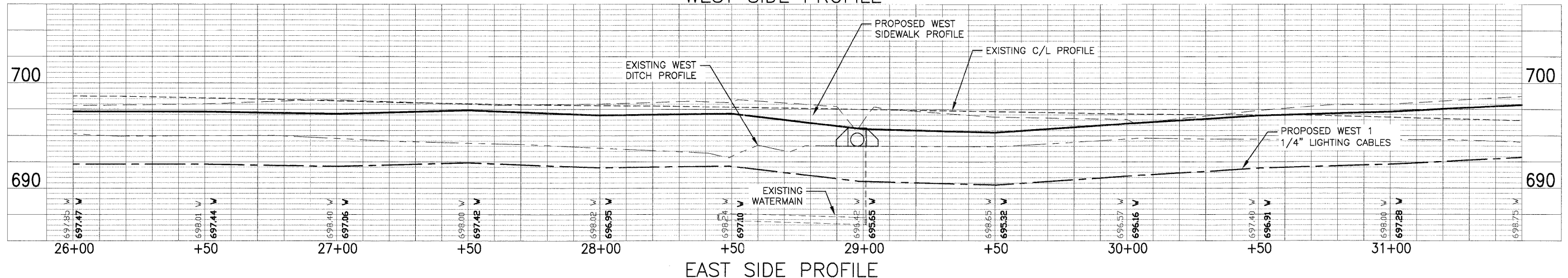
EAST SIDE PROFILE



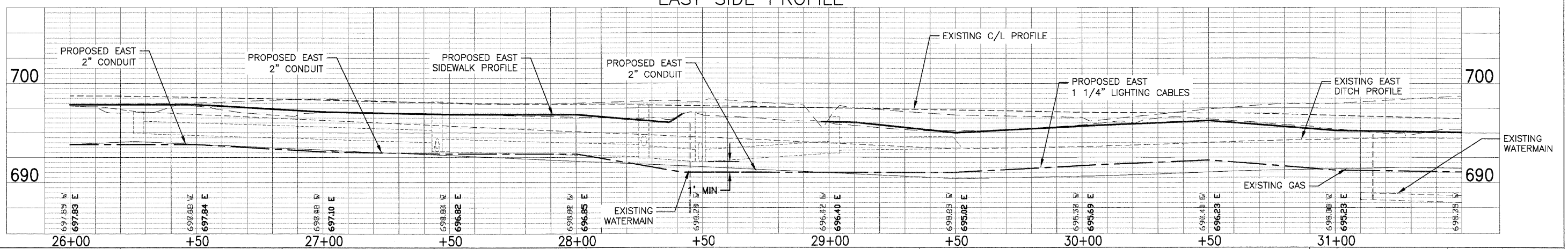
FILE NAME = P:\P01001\00\SURVEY\2010\FED\GREENLEAF.DWG	USER NAME =	DESIGNED - EKS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GREENLEAF AVENUE SIDEWALKS LIGHTING PLAN	F.A.U. RTE. = 2701	SECTION = 10-00042-00-SW	COUNTY = LAKE	TOTAL SHEETS = 34	SHEET NO. = 20	
	PLOT SCALE = AS SHOWN	DRAWN - SRU	REVISED -			SHEET NO. 20 OF 34 SHEETS	STA. 20+50 TO STA. 26+00	CONTRACT NO. 63605		ILLINOIS FED. AID PROJECT	
	PLOT DATE =	CHECKED - MKK	REVISED -								
		DATE - 12/29/2011	REVISED -								



WEST SIDE PROFILE



EAST SIDE PROFILE



FILE NAME = P:\PO100150\SURVEY\2010 FED\GREENLEAF.DWG  
 USER NAME =  
 PLOT SCALE = AS SHOWN  
 PLOT DATE =

DESIGNED - EKS  
 DRAWN - SRU  
 CHECKED - MKK  
 DATE - 12/29/2011

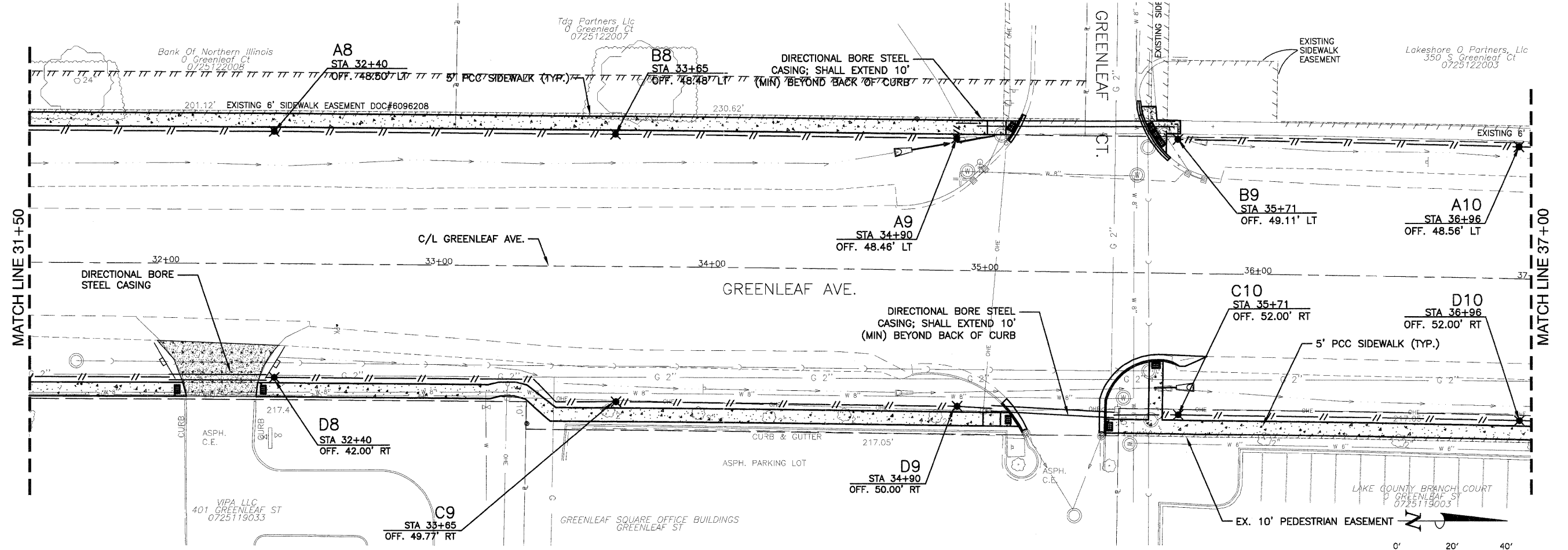
REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

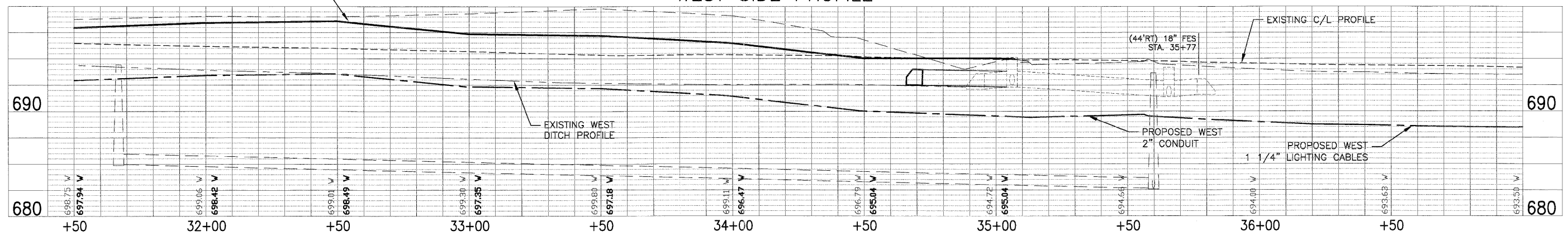
GREENLEAF AVENUE SIDEWALKS  
 LIGHTING PLAN  
 SHEET NO. 21 OF 34 SHEETS  
 STA. 26+00 TO STA. 31+50

FAU. RTE. 2701	SECTION 10-00042-00-SW	COUNTY LAKE	TOTAL SHEETS 34	SHEET NO. 21
ILLINOIS			CONTRACT NO. 63605	
FED. AID PROJECT				

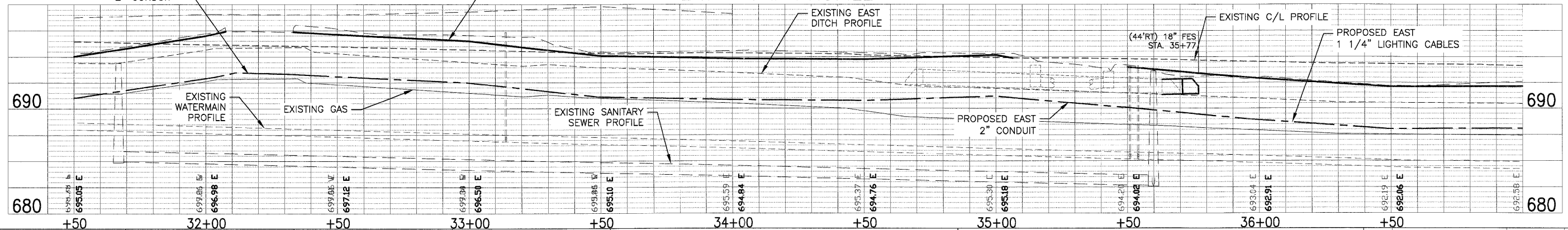




WEST SIDE PROFILE

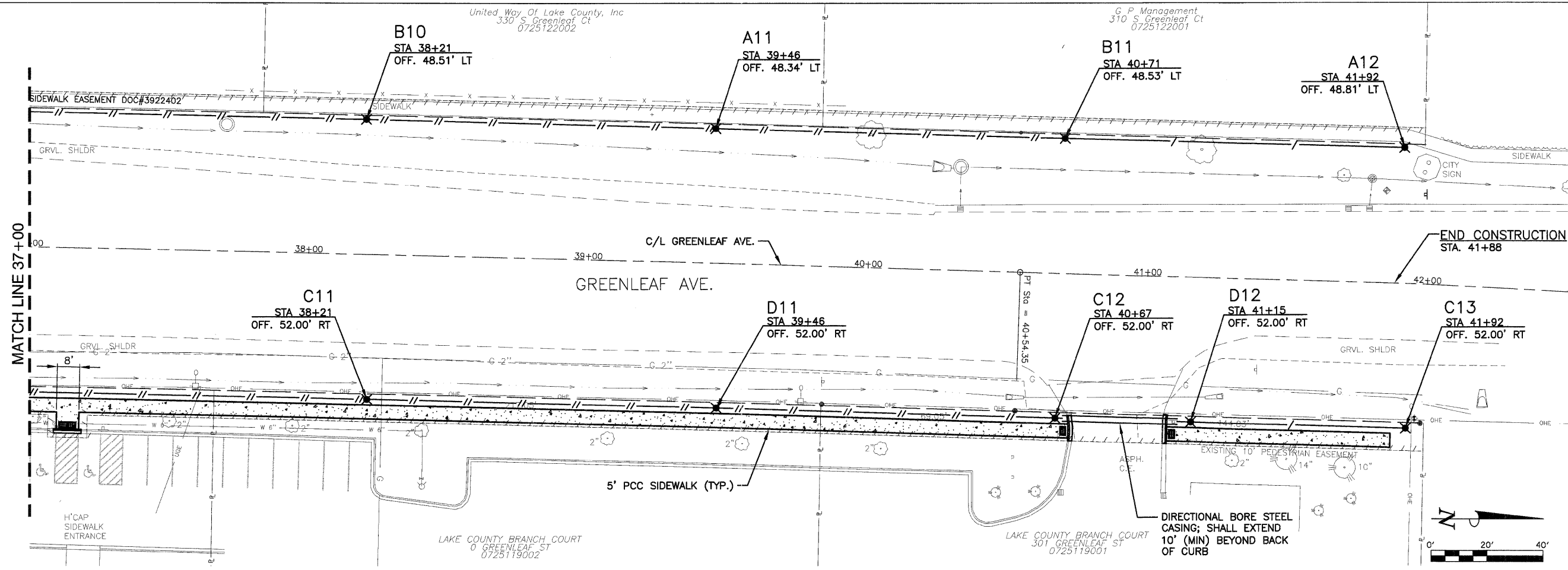


EAST SIDE PROFILE

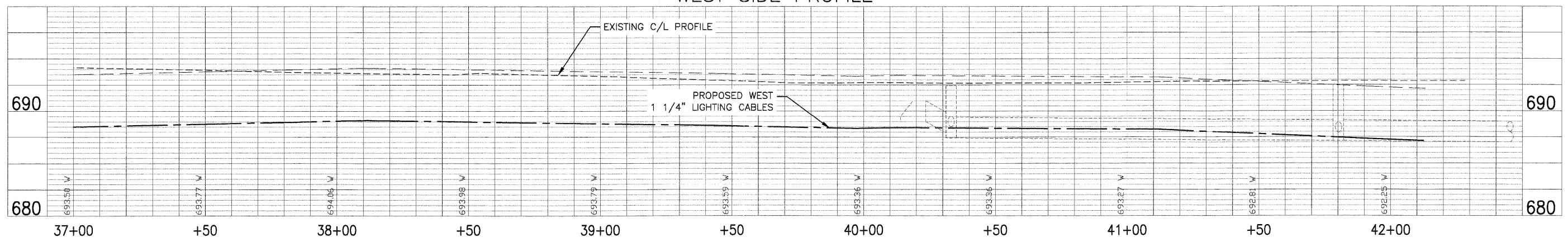


FILE NAME = F:\P0100150\SURVEY\2010 FED\GREENLEAF.DWG	USER NAME =	DESIGNED - EKS	REVISOR -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GREENLEAF AVENUE SIDEWALKS LIGHTING PLAN		F.A.U. RTE. 2701	SECTION 10-00042-00-SW	COUNTY LAKE	TOTAL SHEETS 34	SHEET NO. 22
	PLOT SCALE = AS SHOWN	DRAWN - SRU	REVISOR -		SHEET NO. 22 OF 34 SHEETS		STA. 31+50 TO STA. 37+00		CONTRACT NO. 63605		
	PLOT DATE =	CHECKED - MKK	REVISOR -		ILLINOIS		FED. AID PROJECT				
		DATE - 12/29/2011	REVISOR -								

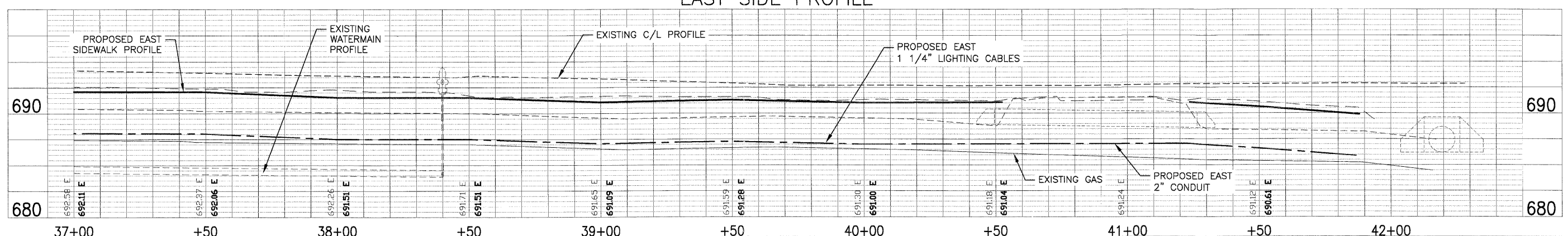




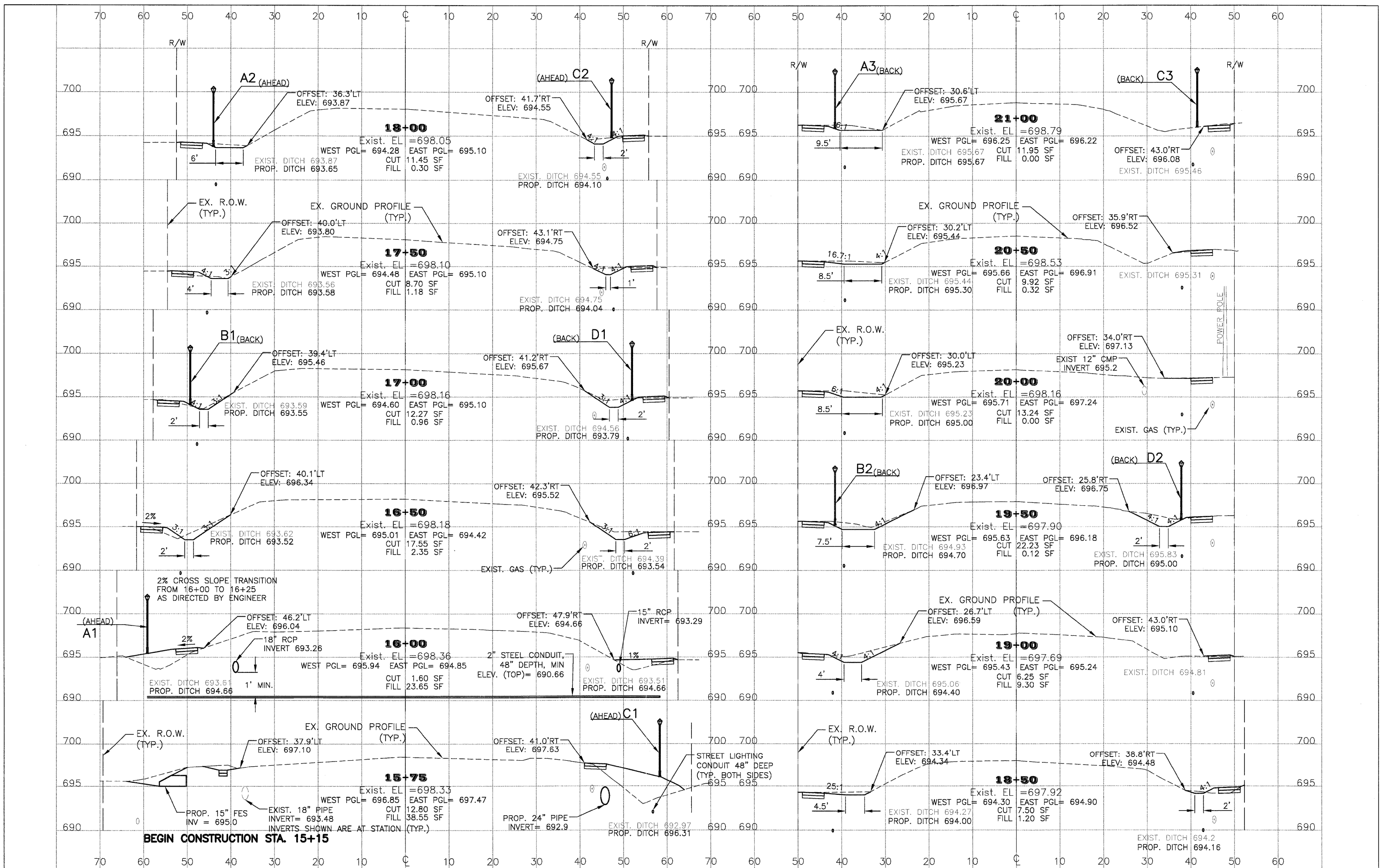
WEST SIDE PROFILE



EAST SIDE PROFILE



FILE NAME = P:\P0100\50\SURVEY\2010 FED\GREENLEAF.DWG	USER NAME =	DESIGNED - EKS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GREENLEAF AVENUE SIDEWALKS LIGHTING PLAN	F.A.U. RTE. = 2701	SECTION = 10-00042-00-SW	COUNTY = LAKE	TOTAL SHEETS = 34	SHEET NO. = 23	
	PLOT SCALE = AS SHOWN	DRAWN - SRU	REVISED -			SHEET NO. 23 OF 34 SHEETS	STA. 37+00 TO STA. 42+00	CONTRACT NO. 63605		ILLINOIS	FED. AID PROJECT
	PLOT DATE =	CHECKED - MKK	REVISED -								
		DATE - 12/29/2011	REVISED -								



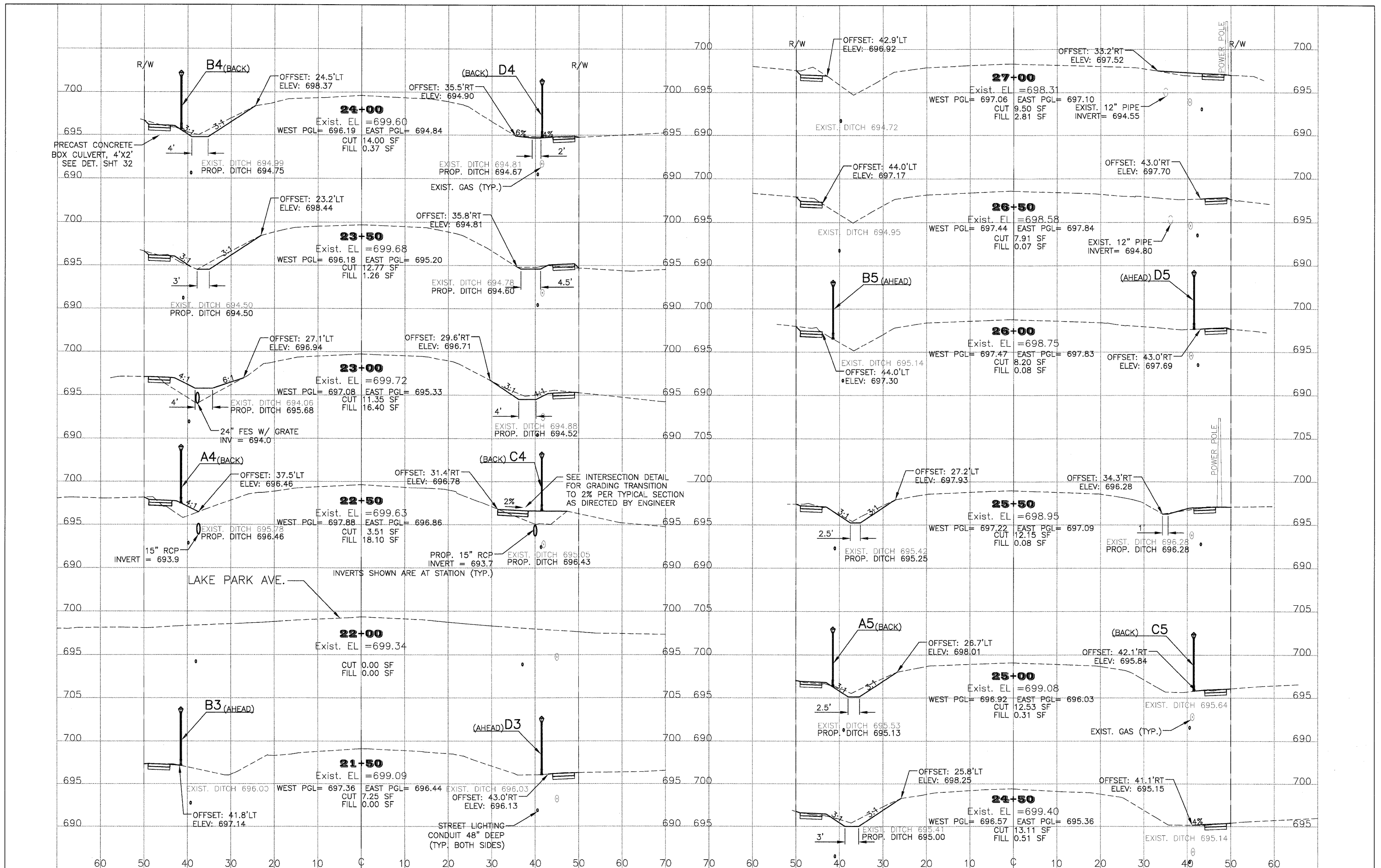
FILE NAME = P:\P0100150\SURVEY\2010 FEDX-SEC.DWG  
 USER NAME = SUSERS  
 DESIGNED - RDB  
 DRAWN - CTM  
 CHECKED - APM  
 DATE - 12/29/2011

REVISIONS  
 REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

GREENLEAF AVENUE SIDEWALKS  
 CROSS SECTIONS  
 SCALE: 1" = 10' H 1" = 4' V  
 SHEET NO. 24 OF 34 SHEETS  
 STA. 15+75 TO STA. 21+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00042-00-SW	LAKE	34	24
JOB NUMBER: C-91-568-10				
ILLINOIS FED. AID PROJECT				



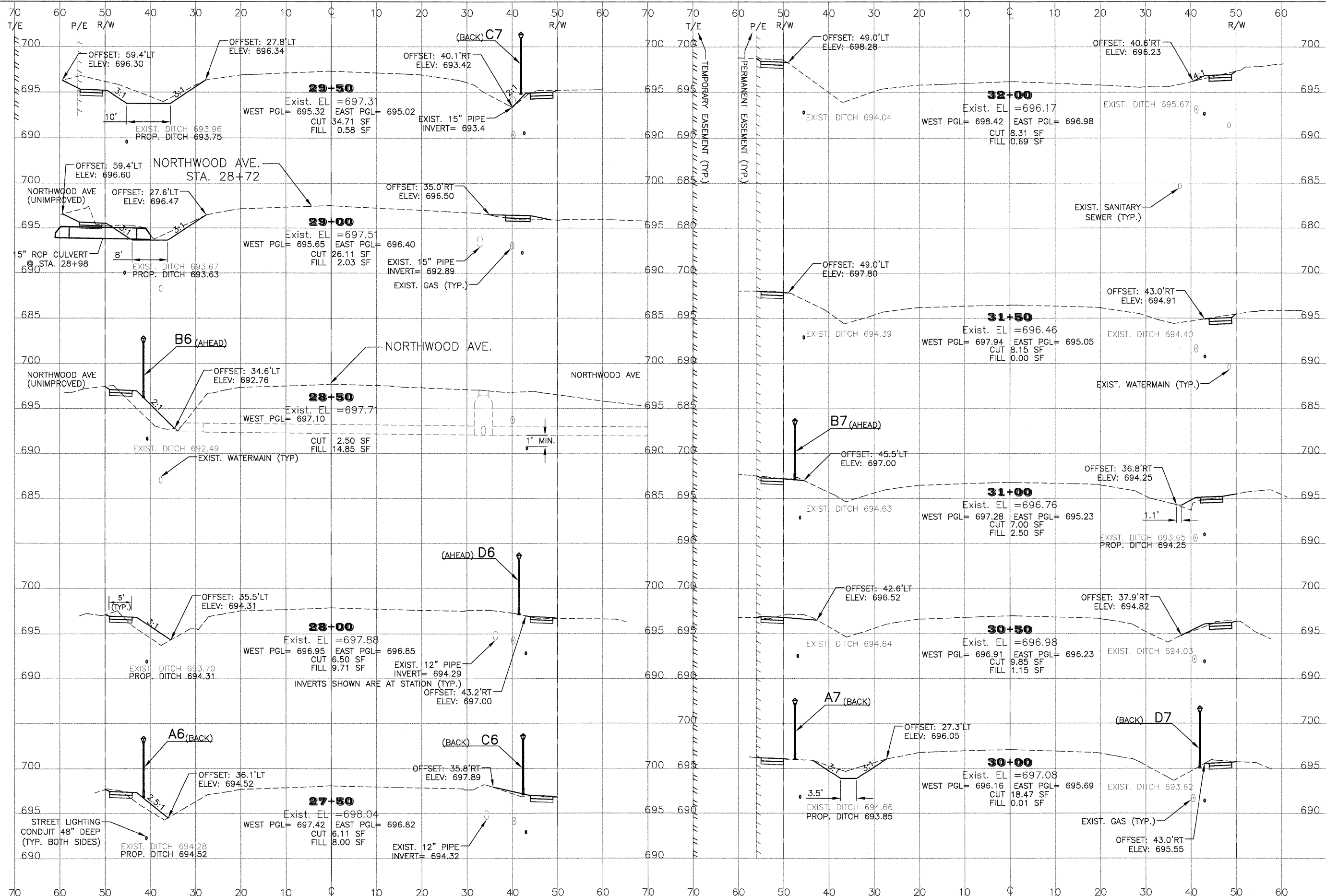
FILE NAME = P:\P0100180\SURVEY\2010 FEDIX-SEC.DWG  
 USER NAME = SUSER  
 DESIGNED - RDB  
 DRAWN - CTM  
 CHECKED - APM  
 DATE - 12/29/2011

REVISIONS:  
 REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

GREENLEAF AVENUE SIDEWALKS  
 CROSS SECTIONS  
 SCALE: 1" = 10' H 1" = 4' V  
 SHEET NO. 25 OF 34 SHEETS  
 STA. 21+50 TO STA. 27+00

FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00042-00-SW	LAKE	34	25
JOB NUMBER: C-91-568-10				
ILLINOIS FED. AID PROJECT				



FILE NAME = P:\P0100150\SURVEY\2010 FEDX-SEC.DWG  
 USER NAME = SUSER\$  
 PLOT SCALE = NONE  
 PLOT DATE =

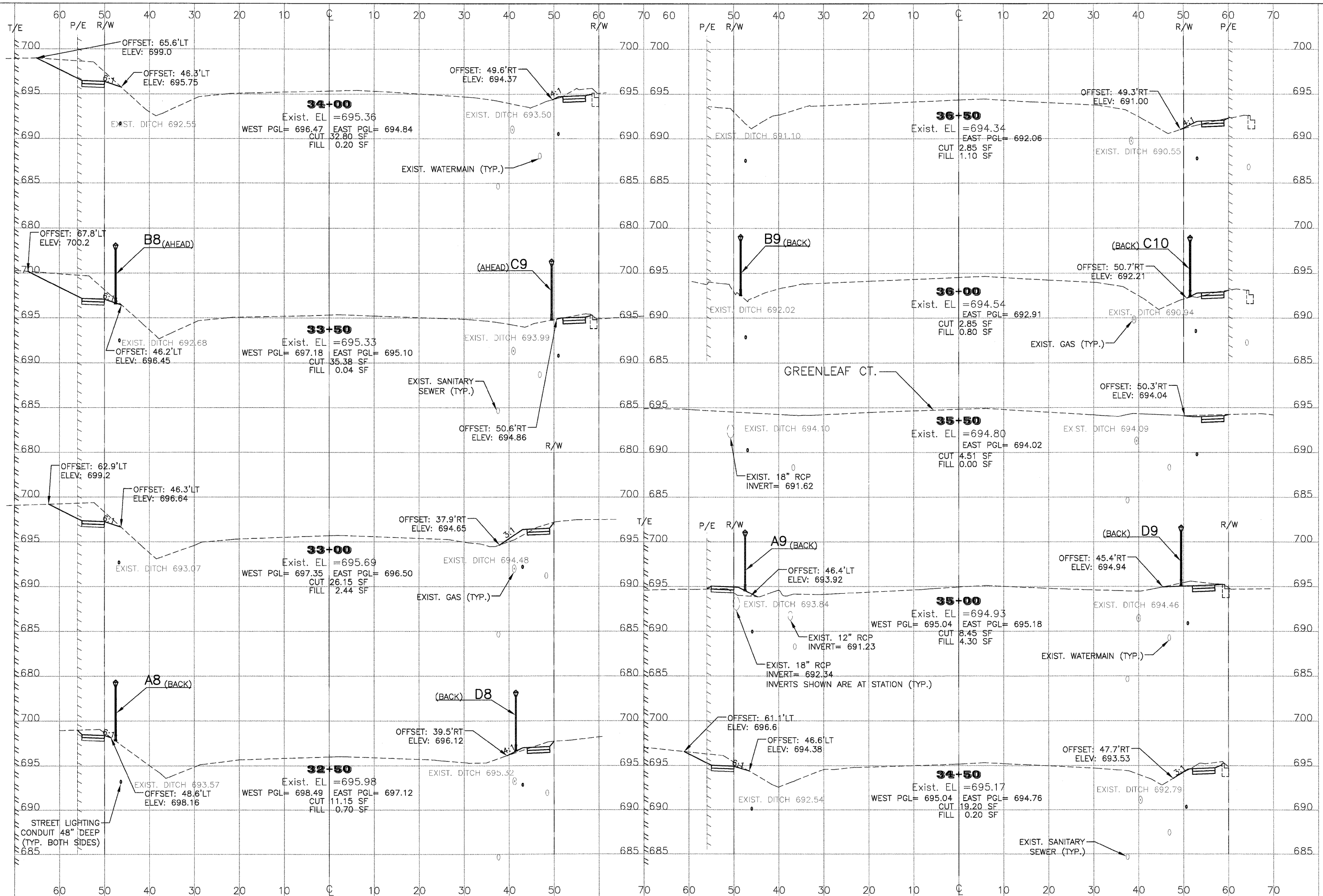
DESIGNED - RDB  
 DRAWN - CTM  
 CHECKED - APM  
 DATE - 12/29/2011

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

GREENLEAF AVENUE SIDEWALKS  
 CROSS SECTIONS  
 SCALE: 1" = 10' H 1" = 4' V | SHEET NO. 26 OF 34 SHEETS | STA. 27+50 TO STA. 32+00

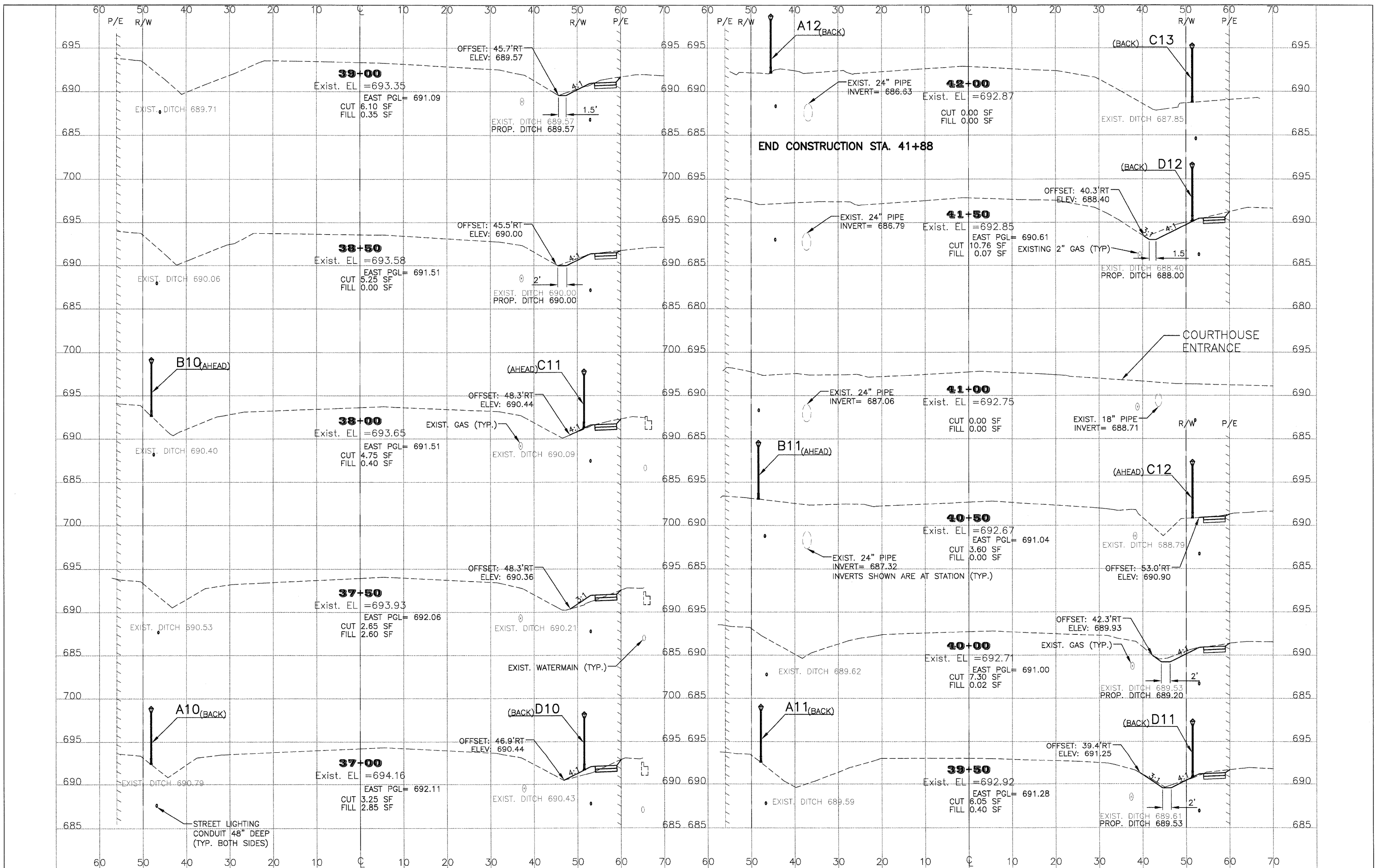
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00042-00-SW	LAKE	34	26
JOB NUMBER: C-91-568-10				
ILLINOIS FED. AID PROJECT				



FILE NAME = P:\P0100150\SURVEY\2010 FED\X-SEC.DWG	USER NAME = SUSER8	DESIGNED - RDB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GREENLEAF AVENUE SIDEWALKS CROSS SECTIONS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = NONE	DRAWN - CTM	REVISED -			10-00042-00-SW	LAKE	34	27	
	PLOT DATE =	CHECKED - APM	REVISED -			JOB NUMBER: C-91-568-10				
		DATE - 12/29/2011	REVISED -			ILLINOIS FED. AID PROJECT				

SCALE: 1" = 10' H 1" = 4' V SHEET NO. 27 OF 34 SHEETS STA. 32+50 TO STA. 36+50





END CONSTRUCTION STA. 41+88

FILE NAME = P:\P0100150\SURVEY\2010 FEDX-SEC.DWG

USER NAME = \$USERS  
 DESIGNED - RDB  
 DRAWN - CTM  
 CHECKED - APM  
 PLOT DATE =  
 DATE - 12/29/2011

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

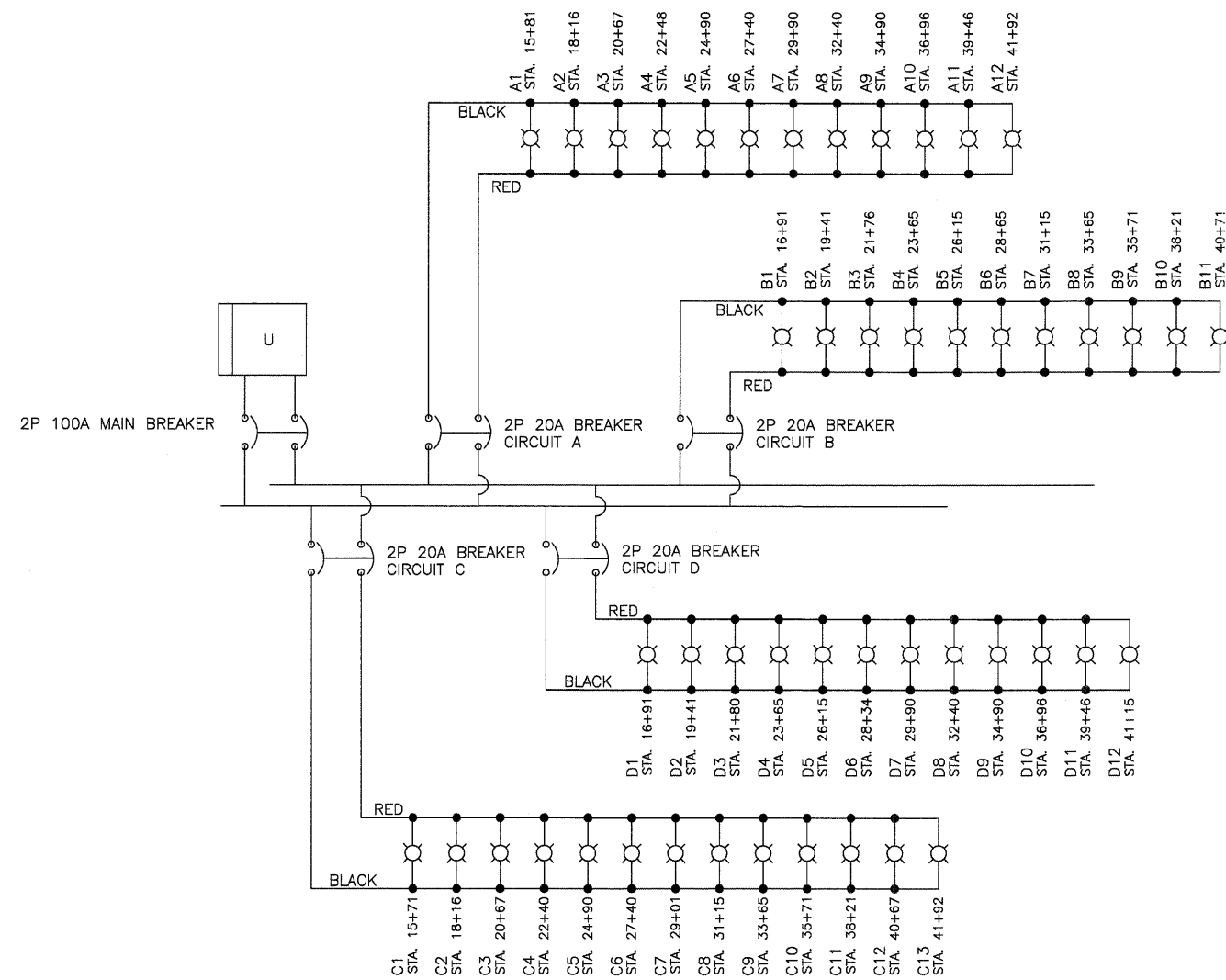
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

GREENLEAF AVENUE SIDEWALKS  
 CROSS SECTIONS  
 SCALE: 1" = 10' H 1" = 4' V SHEET NO. 28 OF 34 SHEETS STA. 37+00 TO STA. 42+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00042-00-SW	LAKE	34	28
JOB NUMBER: C-91-568-10				
ILLINOIS FED. AID PROJECT				







**GREENLEAF AVE. CIRCUIT WIRING DIAGRAM**

NO SCALE

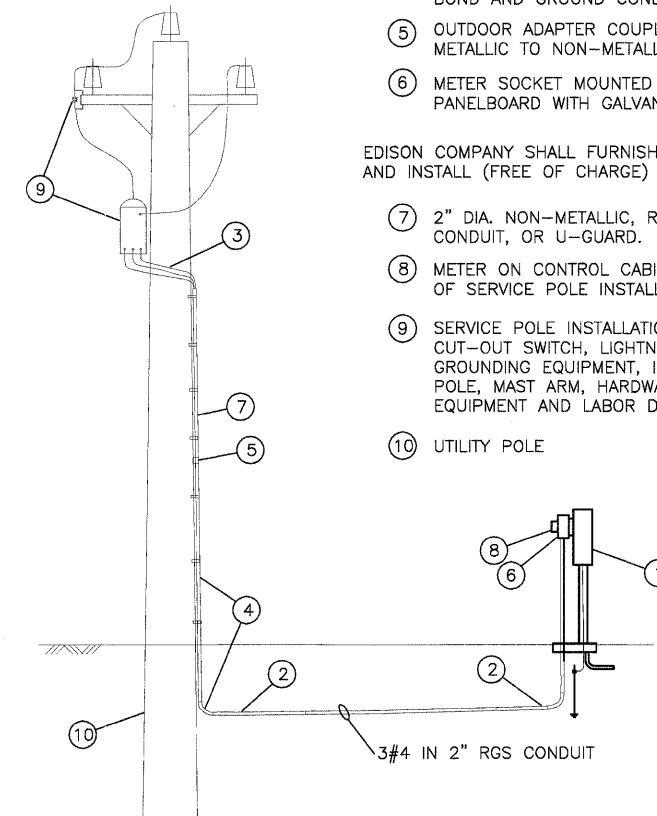
**KEYNOTES**

CONTRACTOR SHALL FURNISH AND INSTALL :

- ① 60A, 120/240V, 1 $\phi$ , 3W, SN PANELBOARD NEMA 3R, LOCKING ENCLOSURE WITH 2P-60A MAIN BREAKER. PROVIDE (4) 2P-20A BRANCH BREAKERS TO FEED LIGHTING. PROVIDE 2-POLE, 240V BREAKER STYLE MOUNTED SURGE SUPPRESSOR (2-1P SPACES).
- ② CONDUIT IN TRENCH - 2" DIA.
- ③ ELECTRIC CABLE - CABLES FROM INSIDE THE CABINET TO TOP OF STEEL CONDUIT & ENOUGH CABLE FOR CONNECTION TO THE TRANSFORMER.
- ④ RGS CONDUIT - 2" DIA., ONE 10' SECTION & ONE 90 DEGREE ELBOW. BOND AND GROUND CONDUIT AS REQUIRED.
- ⑤ OUTDOOR ADAPTER FOR METALLIC TO NON-METALLIC CONDUIT
- ⑥ METER SOCKET MOUNTED TO BACK OF PANELBOARD WITH GALVANIZED STRUT TYPE SUPPORTS.

EDISON COMPANY SHALL FURNISH AND INSTALL (FREE OF CHARGE) :

- ⑦ 2" DIA. NON-METALLIC, RIGID CONDUIT, OR U-GUARD.
- ⑧ METER ON CONTROL CABINET AS PART OF SERVICE POLE INSTALLATION.
- ⑨ SERVICE POLE INSTALLATION : TRANSFORMER, CUT-OUT SWITCH, LIGHTNING ARRESTER, GROUNDING EQUIPMENT, INSULATORS, WIRES, POLE, MAST ARM, HARDWARE & ANY OTHER EQUIPMENT AND LABOR DEEMED NECESSARY.
- ⑩ UTILITY POLE

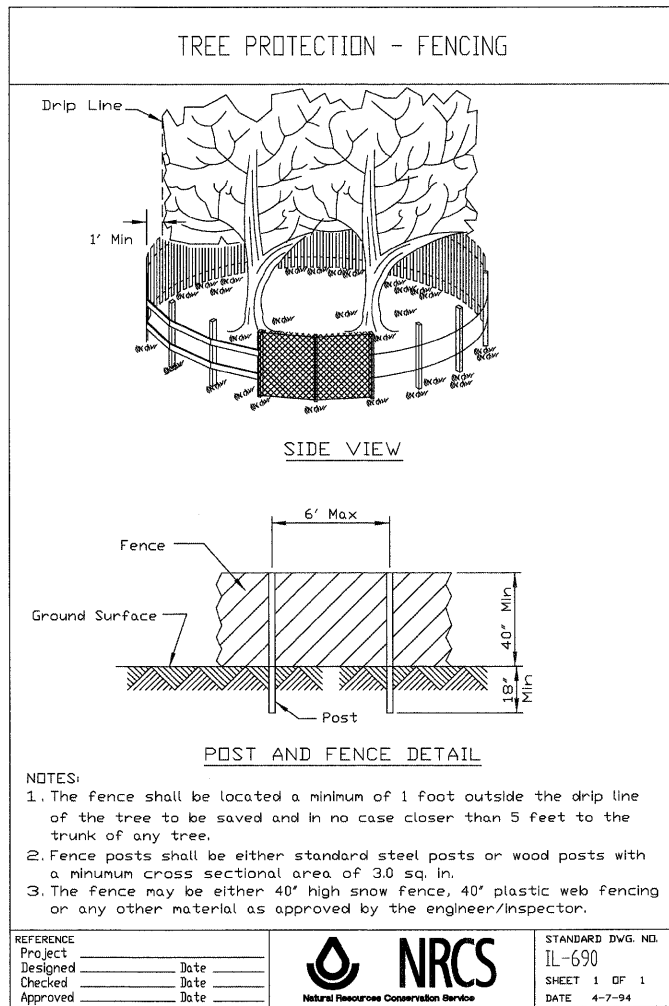


SERVICE POLE CONNECTION: "ELECTRIC SERVICE CONNECTION" APPLIES TO THOSE FACILITIES REQUIRED IN ADDITION TO WHAT IS DETERMINED BY AGREEMENT WITH C.E. COMPANY TO BE A NORMAL INSTALLATION AND FACILITIES WILL BE PAID FOR AS "ELECTRICAL SERVICE CONNECTION" AS SPECIFIED IN THE SPECIAL PROVISIONS.

**COM ED POLE SERVICE DETAIL**

NO SCALE

FILE NAME = P:\P0100\50\SURVEY\2010 FEDICOVER.DWG	USER NAME =	DESIGNED - EKS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GREENLEAF AVENUE SIDEWALKS CIRCUIT WIRING DIAGRAM &amp; COM ED POLE SERVICE DETAILS</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = AS SHOWN	CHECKED - MKK	REVISED -			2701	10-00042-00-SW	LAKE	34	30
PLOT DATE =	DATE - 12/29/2011	REVISED -	REVISED -	SCALE: N.T.S.	SHEET NO. 30 OF 34 SHEETS	CONTRACT NO. 63605		ILLINOIS FED. AID PROJECT		



**STORMWATER MANAGEMENT COMMISSION**

### TYPICAL CONSTRUCTION SEQUENCING

- 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
  - Stabilized construction entrance
- Tree removal where necessary (clear & grub)
- Construct sediment trapping devices (sediment traps, basins...)
- Construct detention facilities and outlet control structure with restrictor & temporary perforated riser
- 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 with seed and erosion control blanket
- Temporarily stabilize all areas including lots that have reached temporary grade
- Install roadways
- Permanently stabilize all outlot areas
- Install structures and grade individual lots
- Permanently stabilize lots
- 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

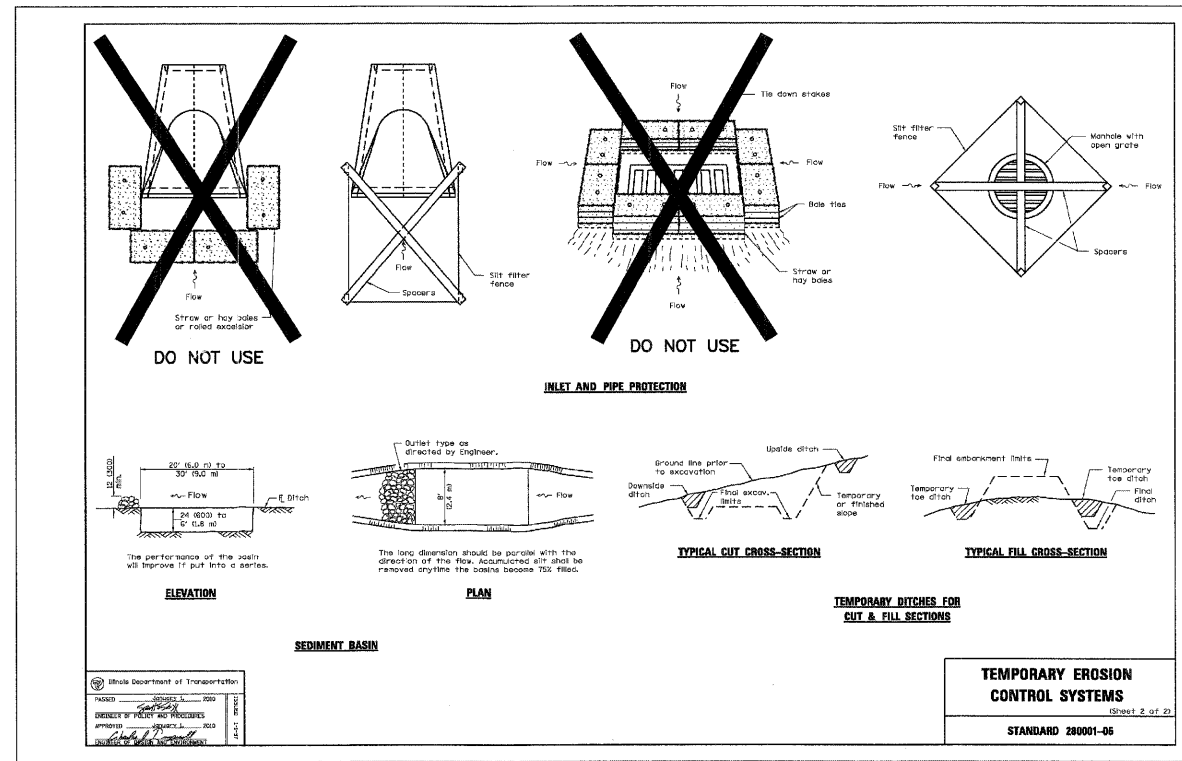
DRAWN BY: AJT	DETAIL NAME	
DATE: 2/07	<b>TYPICAL CONSTRUCTION SEQUENCE</b>	
CHECKED BY: _____		
DATE CHECKED: _____		
REVISER BY: _____		
LAST REVISED: _____		

**STORMWATER MANAGEMENT COMMISSION**

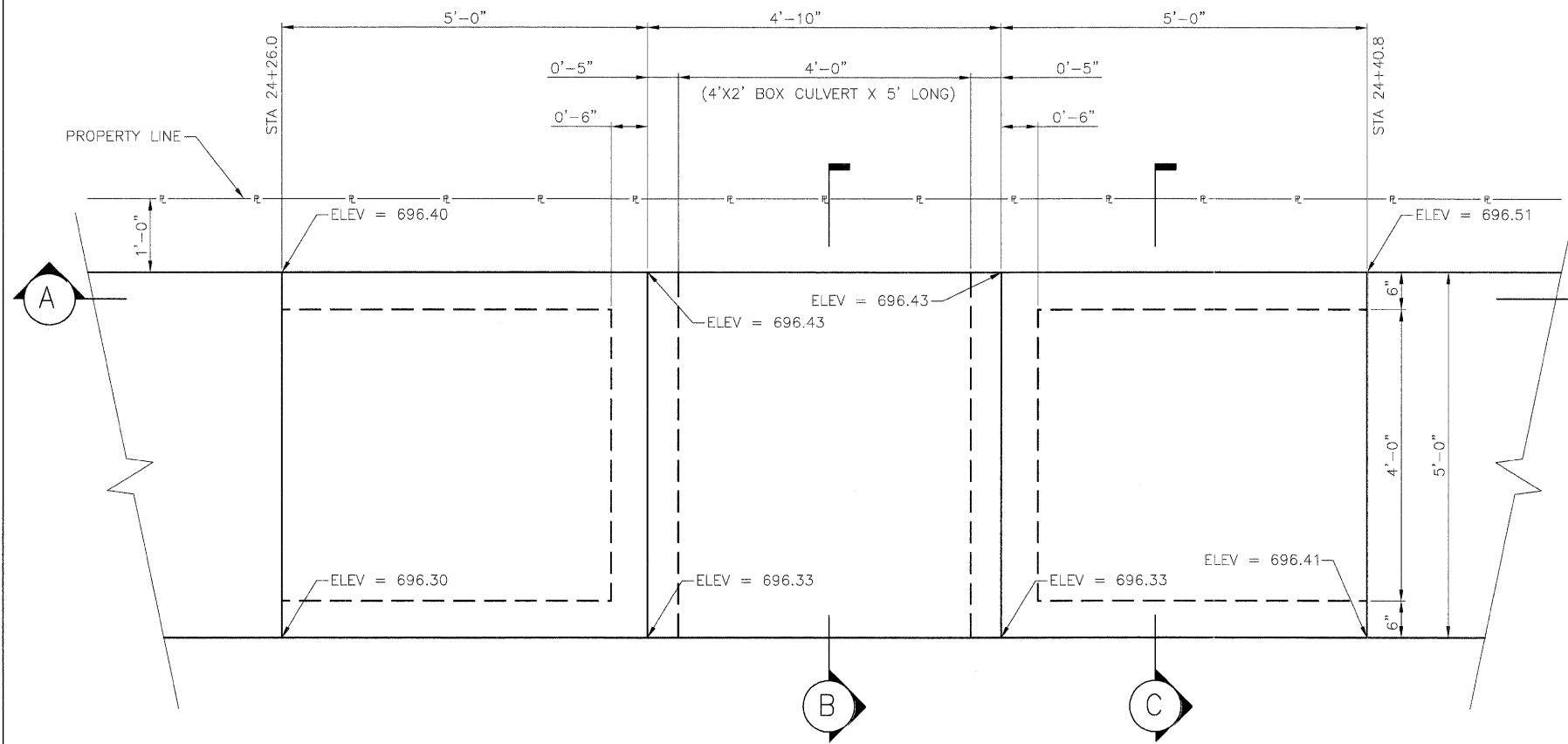
### SEDIMENTATION AND EROSION CONTROL NOTES

- 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 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.
- A STABILIZED MAT OF AGGREGATE UNDERLAIN WITH FILTER CLOTH (OR OTHER APPROPRIATE MEASURE) SHALL BE LOCATED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE TO OR FROM A PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA. ANY SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
- SOIL STOCKPILES SHALL NOT BE LOCATED IN A FLOOD PRONE AREA OR A DESIGNATED BUFFER PROTECTING WATERS OF THE UNITED STATES OR ISOLATED WATERS OF LAKE COUNTY.
- IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE (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.

DRAWN BY: AJT	DETAIL NAME	
DATE: 2/07	<b>EROSION CONTROL NOTES</b>	
CHECKED BY: _____		
DATE CHECKED: _____		
REVISER BY: _____		
LAST REVISED: _____		

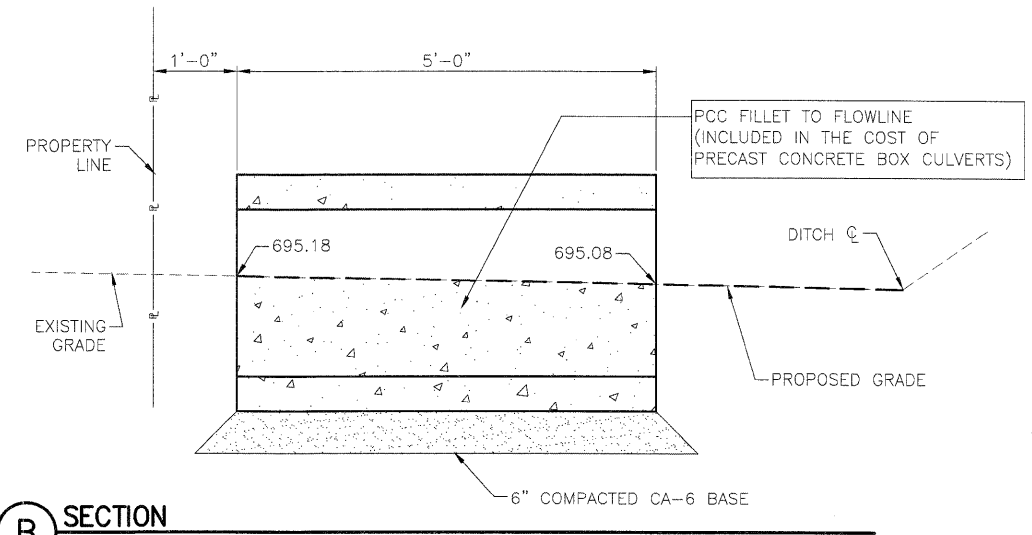
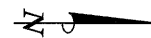


FILE NAME = P:\P0100150\SURVEY\2010 FEDICOVER.DWG	USER NAME =	DESIGNED - EKS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GREENLEAF AVENUE SIDEWALKS LCSMC NOTES AND EROSION CONTROL DETAILS</b>	F.A.U. RTE. 2701	SECTION 10-00042-00-SW	COUNTY LAKE	TOTAL SHEETS 34	SHEET NO. 31
	PLOT SCALE = AS SHOWN	CHECKED - MKK	REVISED -	SCALE: N.T.S.	SHEET NO. 31 OF 34 SHEETS					
	PLOT DATE =	DATE - 12/29/2011	REVISED -							



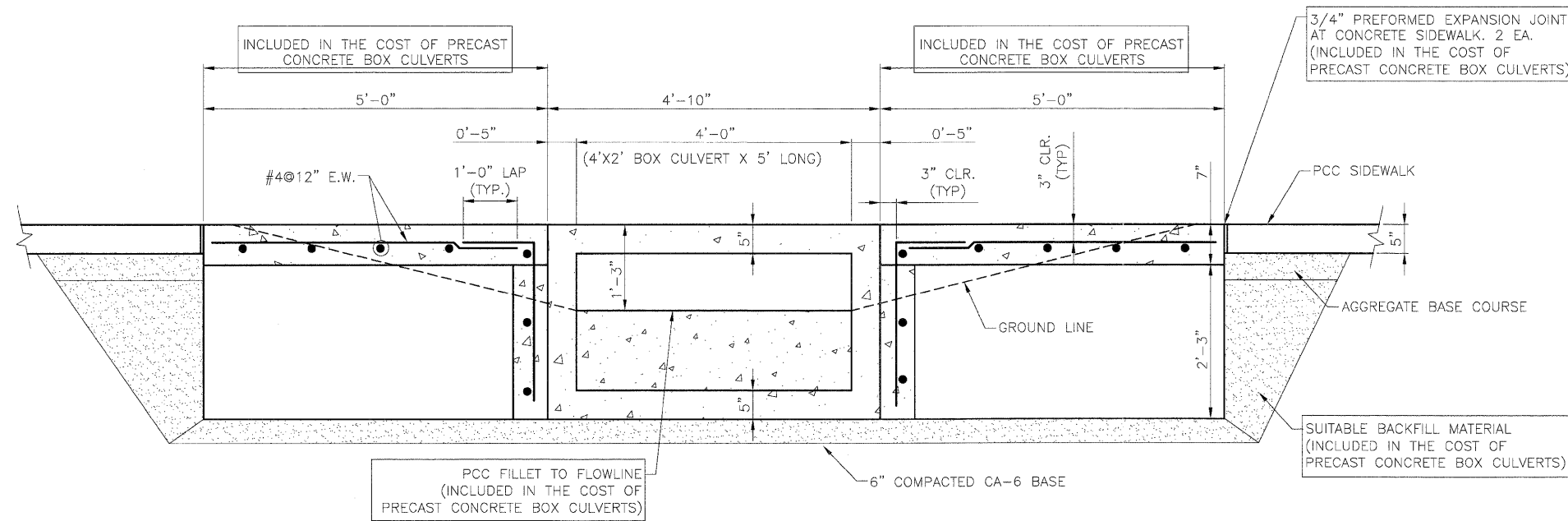
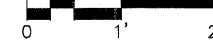
1 PLAN VIEW

SCALE: 1/2"=1'-0"



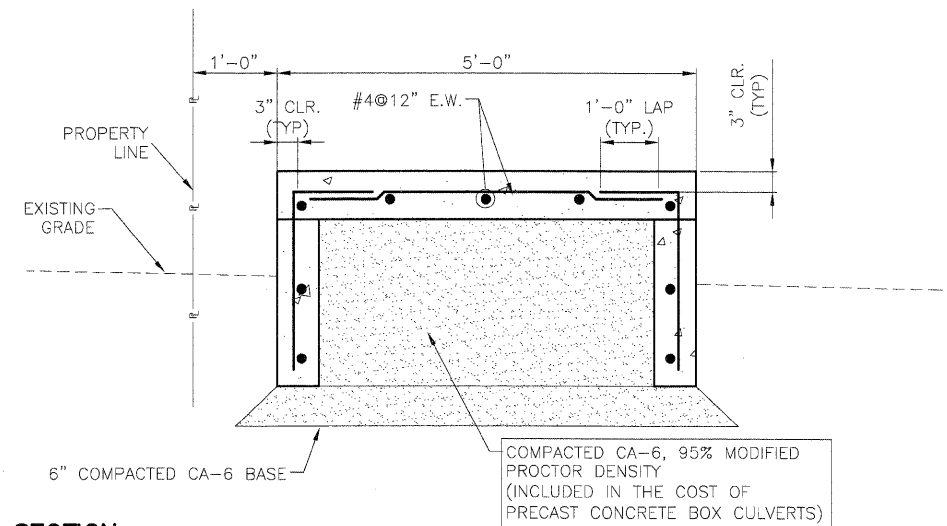
B SECTION

SCALE: 1/2"=1'-0"



A SECTION

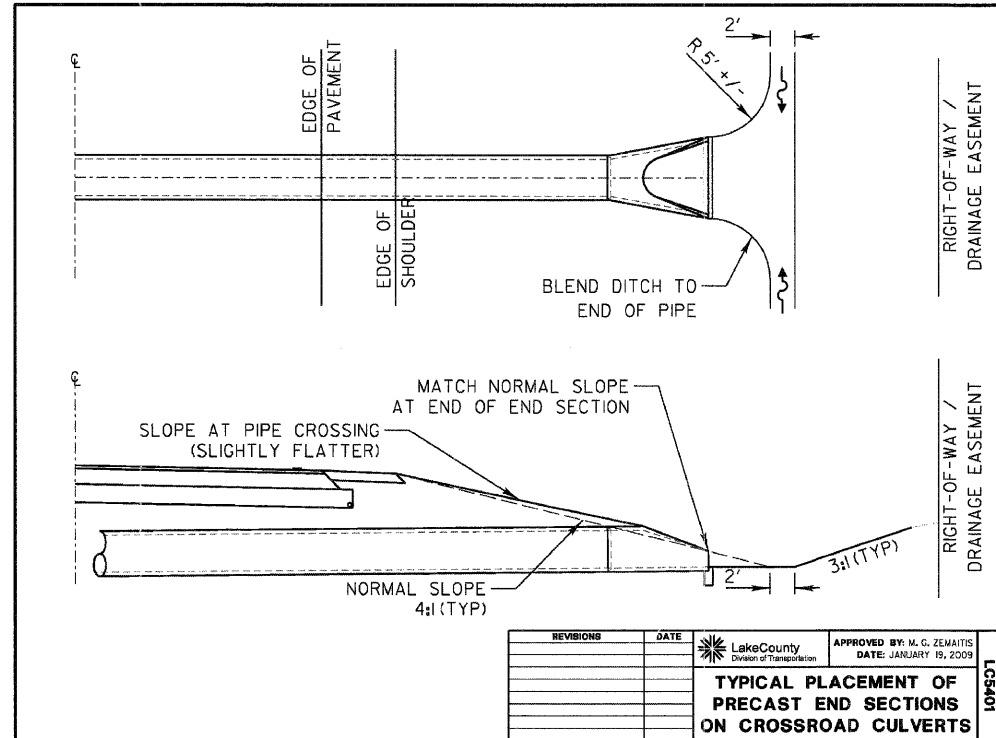
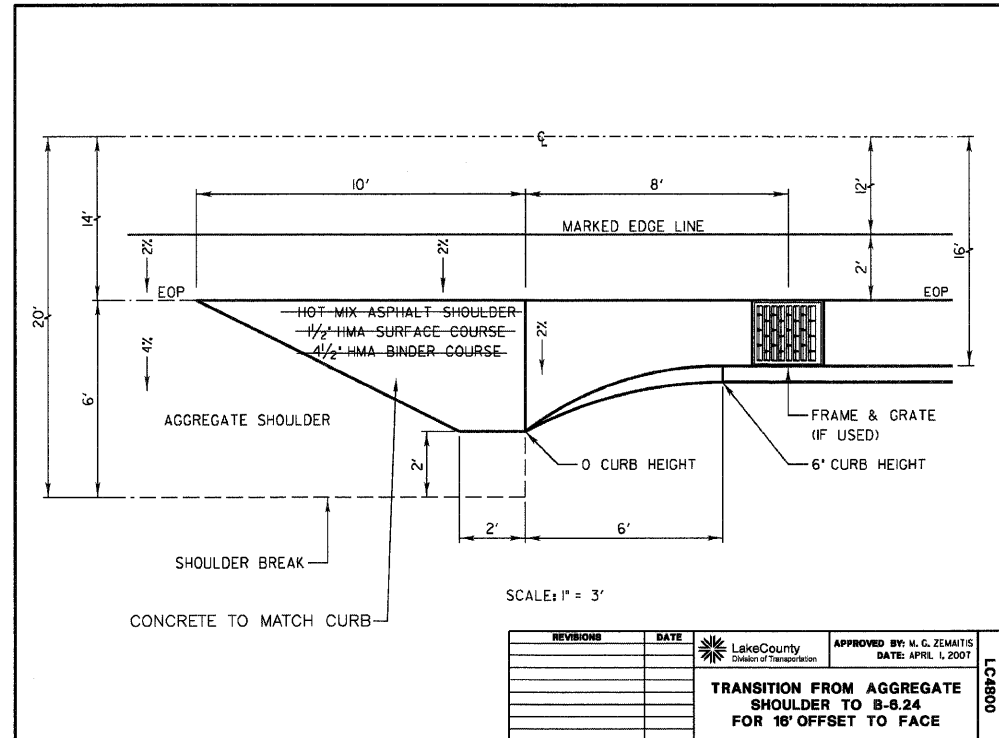
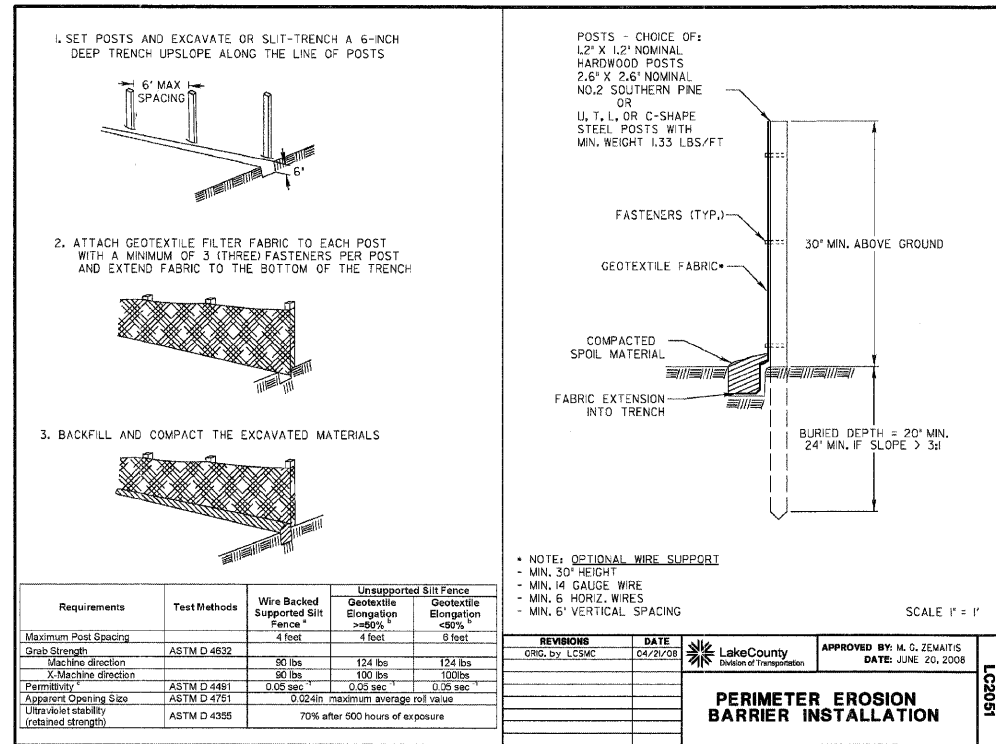
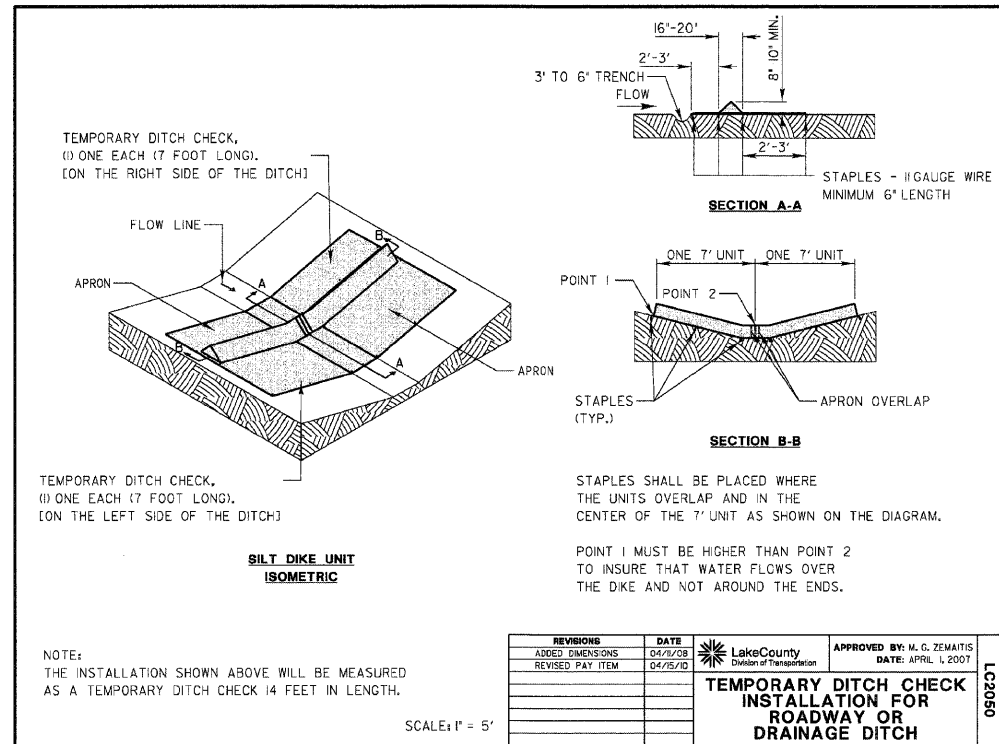
SCALE: 1/2"=1'-0"



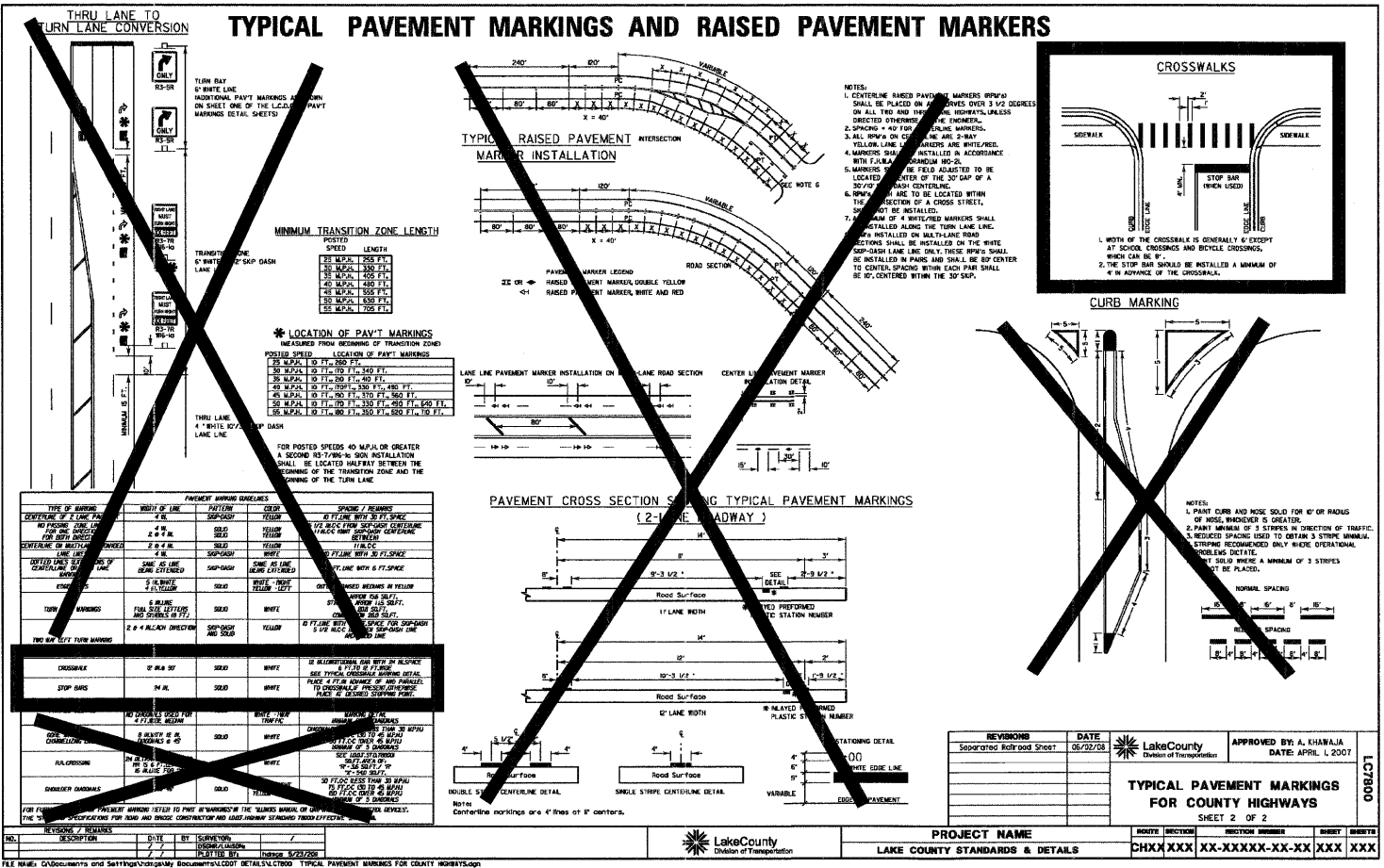
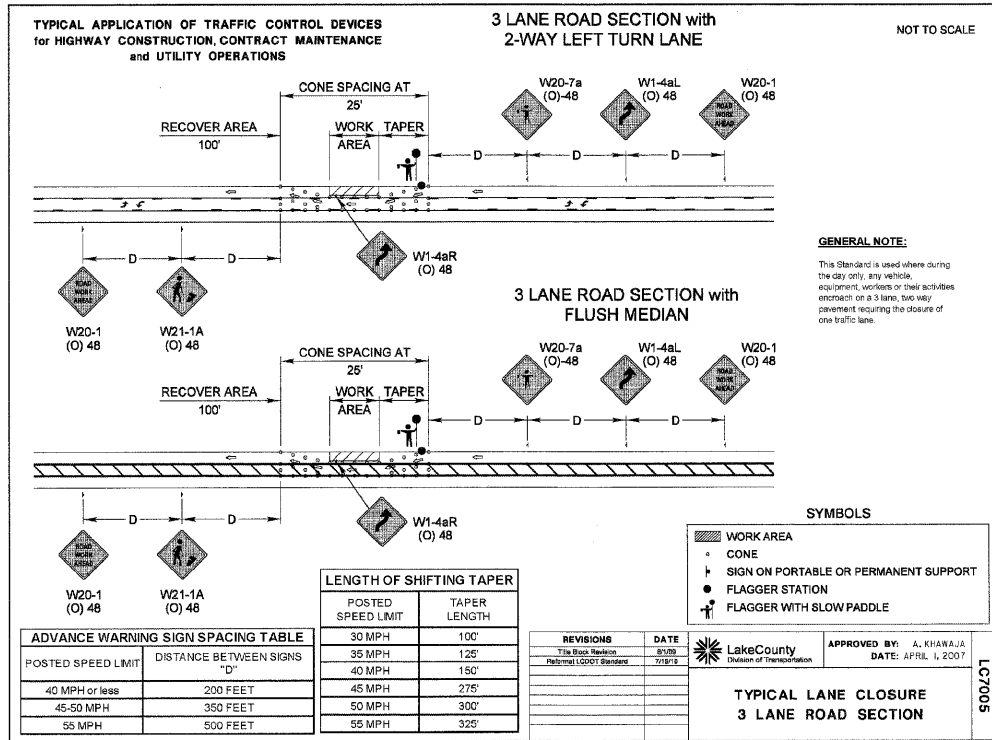
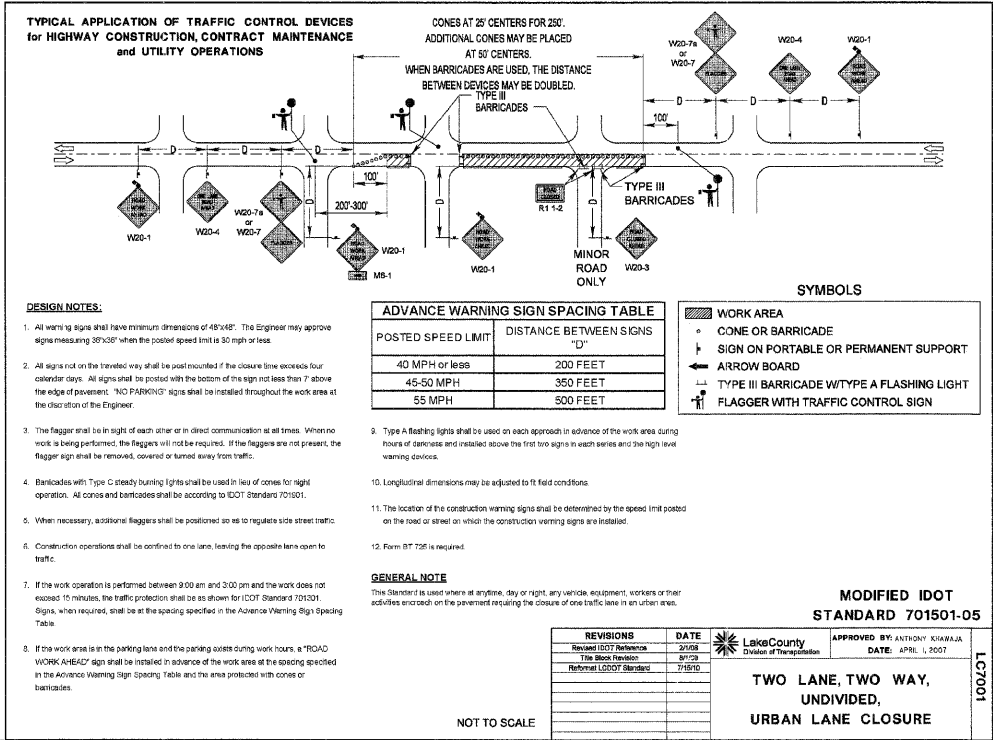
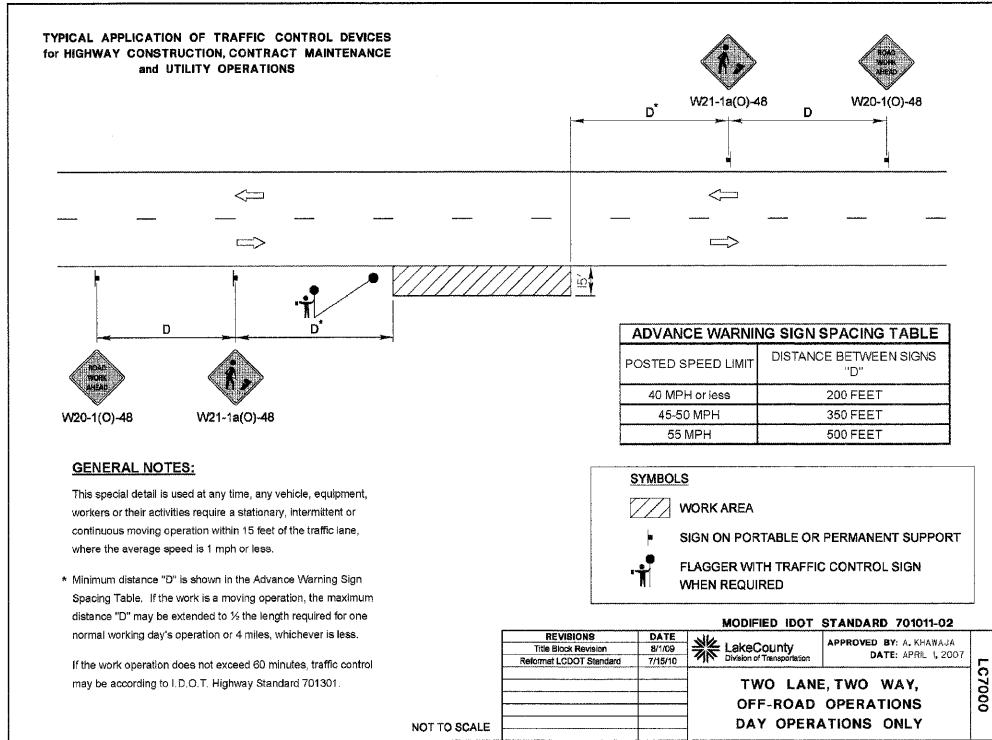
C SECTION

SCALE: 1/2"=1'-0"

FILE NAME = P:\PO100150\SURVEY\2010 FED\COVER.DWG	USER NAME = \$USERS	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GREENLEAF AVENUE SIDEWALKS PRECAST CONCRETE BOX CULVERTS, 4'X2'</b>	FAU. RTE. 2701	SECTION 10-00042-00-SW	COUNTY LAKE	TOTAL SHEETS 34	SHEET NO. 32
PLOT SCALE = AS SHOWN	CHECKED - MKK	REVISOR -	REVISOR -			CONTRACT NO. 63605				
PLOT DATE =	DATE - 12/29/2011	REVISOR -	REVISOR -			ILLINOIS FED. AID PROJECT				
						SCALE: N.T.S. SHEET NO. 32 OF 34 SHEETS				







FILE NAME = F:\P0100150\SURVEY\2010 FEDICOVER.DWG

USER NAME =

DESIGNED - EKS

DRAWN - SRU

CHECKED - MKK

DATE - 12/29/2011

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE: N.T.S.

SHEET NO. 34 OF 34 SHEETS

GREENLEAF AVENUE SIDEWALKS  
LCDOT STANDARD DETAILS

F.A.U. R.T.E. 2701

SECTION 10-00042-00-SW

COUNTY LAKE

TOTAL SHEETS 34

SHEET NO. 34

CONTRACT NO. 63605

ILLINOIS FED. AID PROJECT