

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	1

# STATE OF ILLINOIS

## DEPARTMENT OF TRANSPORTATION

### DIVISION OF HIGHWAYS

# PLANS FOR PROPOSED FEDERAL AID PROJECT

FAU ROUTE 3509 (SHERIDAN ROAD)  
 FAU 1297 (10TH STREET) TO ISABELLA STREET  
 RECONSTRUCTION AND TRAFFIC SIGNALS  
 SECTION 00-00173-00-FP  
 PROJECT M-TE-00D1(781)

COOK COUNTY  
 JOB NO. C-91-184-00

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT M-TE-00D1(781)  
 PROJECT BEGINS  
 SHERIDAN ROAD  
 STATION 1004+42.60

STATION EQUATION:  
 STATION 1070+50.84 BK  
 STATION 1070+47.07 AH

PROJECT M-TE-00D1(781)  
 OMISSION BEGINS  
 SHERIDAN ROAD  
 STATION 1073+87.18

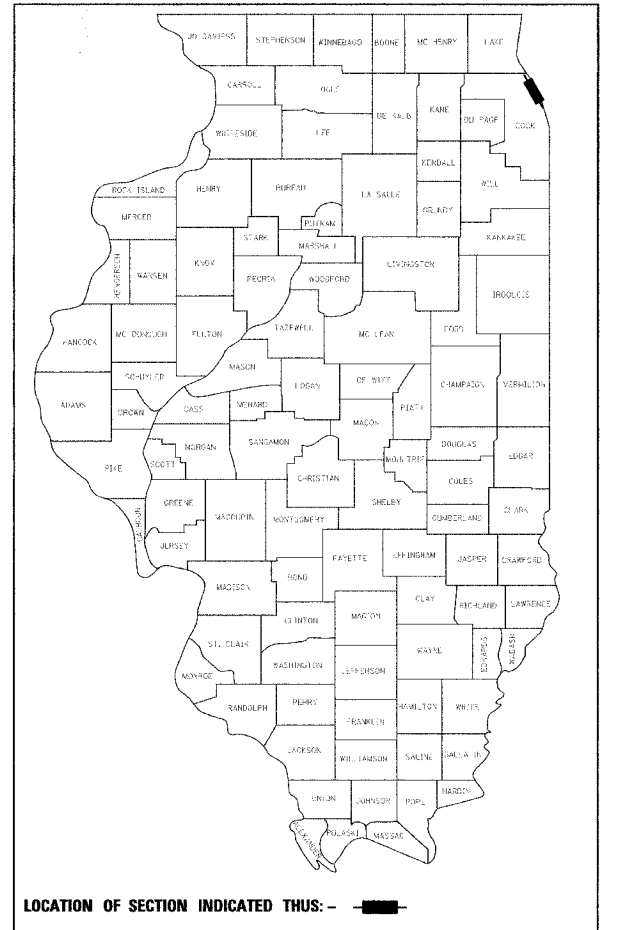
PROJECT M-TE-00D1(781)  
 OMISSION ENDS  
 SHERIDAN ROAD  
 STATION 1076+52.86

PROJECT M-TE-00D1(781)  
 OMISSION ENDS  
 ISABELLA STREET  
 STATION 4094+33.69

PROJECT M-TE-00D1(781)  
 PROJECT ENDS  
 SHERIDAN ROAD  
 STATION 1103+83.65

PROJECT M-TE-00D1(781)  
 OMISSION BEGINS  
 ISABELLA STREET  
 STATION 4092+58.88

PROJECT IS LOCATED IN  
 VILLAGE OF WILMETTE  
 AND CITY OF EVANSTON



FINAL PLAN SUBMITTAL  
 JULY 13, 2007

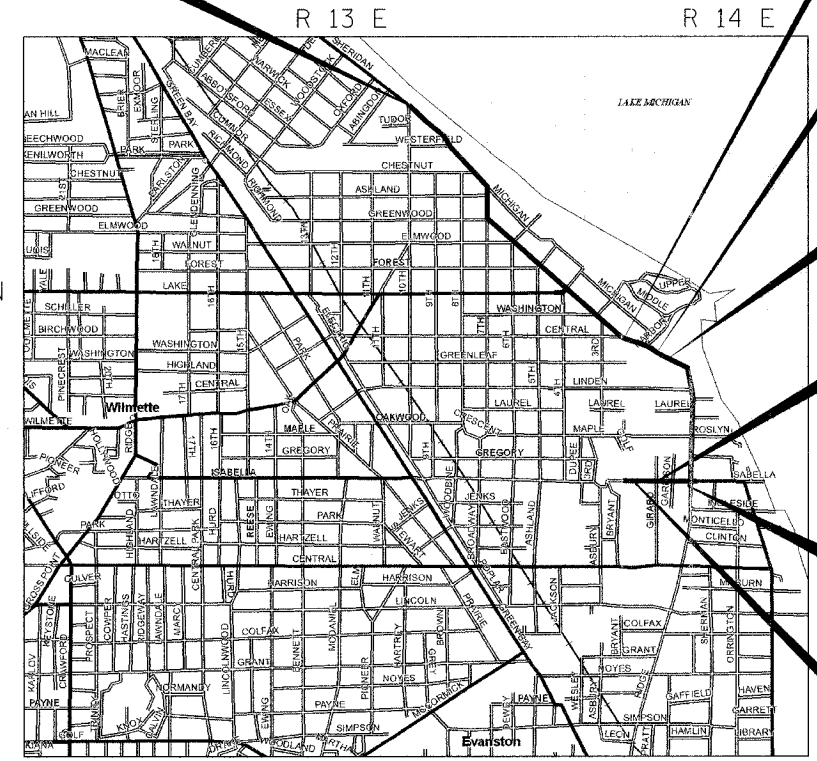
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

APPROVED *July 13 2007*  
*Brigitte Maurhofer*  
 DIRECTOR OF ENGINEERING, VILLAGE OF WILMETTE

PASSED *July 18, 2007*  
*Christopher Holt*  
 DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID  
 BASED ON LIMITED  
 REVIEW *July 18 20 2007*  
*Diane O'Keefe*  
 DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

PRINTED BY THE AUTHORITY  
 OF THE STATE OF ILLINOIS



### LOCATION MAP

NOT TO SCALE

PROJECT LENGTH (GROSS / NET)  
 SHERIDAN ROAD 9,944.82 FT (1.883 MILES) / 9,679.14 FT (1.833 MILES)



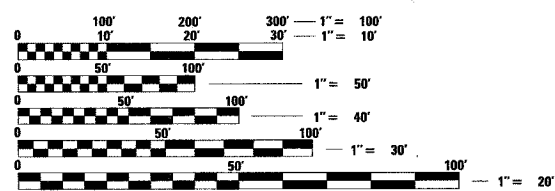
*Todd S. Bright* 7/12/07  
 TODD S. BRIGHT, P.E.  
 NO. 062-050035  
 EXP. DATE 11/30/07

### DESCRIPTION OF IMPROVEMENT

THIS IMPROVEMENT CONSISTS OF ROADWAY RECONSTRUCTION, STORM SEWER AND DRAINAGE STRUCTURE ADJUSTMENTS AND INSTALLATION, SANITARY SEWER, WATER MAIN, ROADWAY LIGHTING, TRAFFIC SIGNAL INSTALLATION, LANDSCAPING, STRIPING, AND ALL INCIDENTAL AND COLLATERAL WORK AS NECESSARY TO COMPLETE THE IMPROVEMENT SHOWN HEREIN AND AS DESCRIBED IN THE SPECIFICATIONS.

### DESIGN DESIGNATION (ADT)

SHERIDAN ROAD:  
 1,938 (25) MINOR ARTERIAL  
 T.F.-(COMP-20)  
 DESIGN SPEED: 30 MPH  
 POSTED SPEED: 30 MPH  
 DESIGN YEAR 2025  
 DESIGN YEAR ADT 21,500



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

CONTRACT NO. 83964

1001 FEDERAL AID DESIGN ENGINEER  
 ABIGAIL WILGREEN 847/705-4233

1061 PERIMETER DRIVE, SUITE 1025  
 SCHLAUBURG, ILLINOIS 60173  
 (847) 606-9600





F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FF	COOK	246	3
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

**GENERAL NOTES**

CITY COORDINATION:

THE CONTRACTOR SHALL NOTIFY THE CITY OF EVANSTON ENGINEER (847) 866-2966, AND THE VILLAGE OF WILMETTE ENGINEER (847) 853-7660 AT LEAST 72 HOURS IN ADVANCE OF BEGINNING WORK AND SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE ENGINEER. SPECIAL ATTENTION IS CALLED TO SECTION 105 OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS FOR TRAFFIC CONTROL AND PROTECTION. THE STORAGE OF EQUIPMENT AND/OR MATERIALS WITHIN THE PARKWAYS SHALL REQUIRE PRIOR APPROVAL OF THE ENGINEER. THE CONTRACTOR SHALL NOTIFY EACH MUNICIPALITY'S PUBLIC WORKS DEPARTMENT 48 HOURS PRIOR TO ANY WORK IN ORDER TO OBTAIN VILLAGE AND CITY UTILITY LOCATIONS. THE CONTRACTOR SHALL ALSO CONTACT EACH MUNICIPALITY'S PUBLIC WORKS DEPARTMENT UTILITY DIVISION FOR ALL WATER MAIN SHUTOFFS. UNDER NO CONDITION SHALL THE CONTRACTOR OPERATE ANY VALVES OR HYDRANTS WITHIN THE PROJECT AREA.

PUBLIC OR PRIVATE UTILITIES:

THE LOCATION AND ELEVATIONS OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE MUNICIPALITIES DO NOT GUARANTEE ITS ACCURACY. THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE EXACT LOCATIONS OF SUCH FACILITIES SO AS NOT TO DAMAGE THEM IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND ARTICLE 105.07 OF THE STANDARD SPECIFICATIONS. THEIR FACILITIES MAY BE REQUIRED TO BE ADJUSTED OR RELOCATED.

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE OR DESTRUCTION OF PUBLIC OR PRIVATE PROPERTY, AND SHALL RESTORE SUCH PROPERTY AT HIS OWN EXPENSE. COORDINATION OF ALL UTILITY WORK INVOLVED IN THE CONSTRUCTION AREA WILL BE DISCUSSED AT A PRE-CONSTRUCTION CONFERENCE. THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTIVE MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWERS, AND APPURTENANCES THAT MUST BE KEPT IN OPERATION. IN PARTICULAR, THE CONTRACTOR WILL TAKE ADEQUATE MEASURES TO PREVENT THE UNDERMINING OF UTILITIES AND SEWERS WHICH ARE STILL IN SERVICE. THIS WORK WILL NOT BE PAID FOR SEPERATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

WHENEVER THE CONTRACTOR ENCOUNTERS FACILITIES AND APPURTENANCES WITHIN THE LIMITS OF THE IMPROVEMENTS DURING TRENCHING OPERATION, HE WILL BE REQUIRED TO HAND TRENCH IN THAT AREA IN ORDER NOT TO DAMAGE THE FACILITIES. THIS WORK WILL NOT BE PAID FOR SEPERATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

DISPOSAL OF MATERIALS:

THE CONTRACTOR WILL BE REQUIRED TO DISPOSE OF ALL SIDEWALK, CURB AND GUTTER, PAVEMENT, AND ALL OTHER MATERIAL EXCAVATED OR REMOVED DUE TO CONSTRUCTION OPERATIONS, AT HIS EXPENSE. ALL EXCESS EXCAVATED MATERIAL SHALL BE REMOVED FROM SITE ON THE DAY IT IS EXCAVATED. NO PAYMENT WILL BE MADE FOR HAULING OR TRUCKING MATERIAL TO LOCATIONS, PROVIDED BY THE CONTRACTOR, OUTSIDE THE LIMITS OF THE IMPROVEMENT.

EXISTING DRAINAGE STRUCTURES:

DURING CONSTRUCTION OPERATIONS, WHENEVER ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED BY THE CONTRACTOR AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SHALL BE FREE FROM ALL DIRT AND DEBRIS. THIS WORK SHALL NOT BE PAID FOR SEPERATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

DRAINAGE STRUCTURE ADJUSTMENT AND RECONSTRUCTION:

ONLY PRECAST CONCRETE ADJUSTMENT RINGS WILL BE ALLOWED IN THE ADJUSTMENT OR RECONSTRUCTION OF CATCH BASIN, MANHOLE, INLET AND VALVE VAULT STRUCTURES. COMMON BRICK WILL NOT BE ALLOWED.

FRAMES AND GRATES:

FRAMES ON ALL NEW STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF THE STRUCTURE COST. ALL FRAMES, GRATES, LIDS AND BOXES REMOVED FROM EXISTING WATER SERVICE OR SEWER STRUCTURES WHICH ARE TO BE ABANDONED OR ADJUSTED WITH A NEW OR DIFFERENT FRAME AND LID WITHIN THE CITY OF EVANSTON SHALL BECOME THE PROPERTY OF THE CITY OF EVANSTON. ABANDONED FRAMES, GRATES, LIDS AND BOXES ARE NOT TO BE RETURNED TO THE VILLAGE OF WILMETTE, THE CONTRACTOR IS RESPONSIBLE FOR DISPOSAL. ANY OF THESE ITEMS WHICH ARE DAMAGED OR BROKEN DURING HANDLING SHALL BE REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR SALVAGING THESE EXISTING FRAMES, GRATES, LIDS, OR BOXES, STOCKPILING THEM ON THE JOB SITE, AND DELIVERING THEM TO THE MAINTENANCE FACILITY OF THE CITY OF EVANSTON. THE CONTRACTOR SHALL NOTIFY THE MUNICIPALITY 24 HOURS PRIOR TO DELIVERY.

TYPE I FRAME, CLOSED LID:

A QUANTITY OF 10 TYPE I FRAMES WITH OPEN LIDS AND 10 TYPE I FRAMES WITH CLOSED LIDS HAVE BEEN INCLUDED TO REPLACE FRAMES AND LIDS WHICH ARE BROKEN OR BREAK DURING MILLING OPERATIONS. SEE SPECIFICATIONS FOR SPECIFIC FRAME AND LID REQUIREMENTS FOR EACH MUNICIPALITY. ALL FRAMES WITH CLOSED LIDS TO BE FURNISHED AS PART OF THIS CONTRACT FOR CONSTRUCTION, ADJUSTMENT OR RECONSTRUCTION OF ANY STORM SEWER MANHOLE SHALL HAVE THE WORD "STORM" CAST INTO THE LID. ALL WATER MANHOLES FURNISHED AS A PART OF THIS CONTRACT FOR CONSTRUCTION, ADJUSTMENT OR RECONSTRUCTION SHALL HAVE THE WORD "WATER" CAST INTO THE LID AND ALL SANITARY MANHOLES FURNISHED AS PART OF THIS CONTRACT FOR CONSTRUCTION, ADJUSTMENT OR RECONSTRUCTION SHALL HAVE THE WORD "SANITARY" CAST INTO THE LID. ALL EXISTING COMBINED SEWER MANHOLES TO BE ADJUSTED SHALL HAVE THE WORD "COMBINED" CAST INTO THE LID.

TRAFFIC CONTROL:

THE CONTRACTOR WILL BE REQUIRED TO RELOCATE OR REMOVE AND REPLACE SIGNS WHICH INTERFERE WITH CONSTRUCTION OPERATIONS, AND TO TEMPORARILY RESET ALL SUCH SIGNS DURING CONSTRUCTION OPERATIONS AT THE DIRECTION OF THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPERATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT. SIGNS SHALL NOT BE MOVED UNTIL PROGRESS OF WORK NECESSITATES. EVERY SIGN REMOVED MUST BE RE-ERECTED TO A TEMPORARY LOCATION IN AN APPROVED MANNER AND BE VISIBLE TO TRAFFIC FOR WHICH IT IS INTENDED. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE PROJECT. ALL SIGNS SHALL BE RE-ERECTED IN PERMANENT LOCATIONS AS THE ROADWAY IS COMPLETED. HORIZONTAL LOCATION FROM THE EDGE OF PAVEMENT SHALL BE AS DESIGNATED BY THE ENGINEER. ALL UNUSED SIGNS WILL BE RETURNED TO THE AGENCY HAVING JURISDICTION.

CURB & GUTTER:

AN EXPANSION JOINT SHALL BE PLACED A MINIMUM OF THREE (3) FEET ON EITHER SIDE OF ADJACENT TREES. THE CURB GAP SHALL BE HAND FORMED IN ORDER TO PROTECT THE TREE ROOT SYSTEM. THIS WORK SHALL NOT BE PAID FOR SEPERATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

BARRICADES:

THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE USED. ONE (1) WEIGHTED SAND BAG SHALL BE PLACED ACROSS EACH BOTTOM RAIL. FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MIN. OF FOUR (4) SANDBAGS PER BARRICADE.

TOP OF CURB ELEVATIONS:

BEFORE SETTING THE TOP OF CURB ELEVATIONS, THE ENGINEER SHALL CHECK THE EXISTING ELEVATIONS AT THE PROPERTY LINE AND IF NECESSARY, REQUIRE THE CONTRACTOR TO VARY THE CURB EXPOSURE AND / OR GUTTER ELEVATIONS IN ORDER TO MORE CLOSELY FOLLOW THE PROPERTY LINE GRADES OR MATCH INTO TREE BASES.

SAW CUTS:

ALL SAW CUTS REQUIRED DUE TO CONSTRUCTION STAGING SHALL BE INCLUDED IN THE COST OF PAVEMENT REMOVAL. ALL SAW CUTS REQUIRED FOR REMOVAL ITEMS SHALL BE INCLUDED IN THE COST OF THAT ITEM.

DRIVEWAYS:

LOCAL ACCESS FOR RESIDENTS AND BUSINESS SHALL BE MAINTAINED AT ALL TIMES.

SIDEWALKS:

ADJACENT PAVEMENT OR SIDEWALK DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THE ORIGINAL CONDITION BY THE CONTRACTOR. THE COST FOR THIS WORK SHALL BE INCLUDED IN THIS CONTRACT. ANY SIDEWALKS PLACED THROUGH DRIVEWAYS SHALL BE THE SAME THICKNESS AS THE DRIVEWAYS. THIS ADDITIONAL THICKNESS SHALL BE INCIDENTAL TO P.C. CONCRETE SIDEWALK, 5". SUB-BASE GRANULAR MATERIAL, TYPE B, 4" SHALL BE CONSTRUCTED BENEATH ALL PROPOSED SIDEWALK. THE COST FOR THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR P.C. CONCRETE SIDEWALK, 5".

WATER:

THE CONTRACTOR MUST OBTAIN A FIRE HYDRANT PERMIT FROM THE CITY/VILLAGE IN ORDER TO OBTAIN ACCESS TO MUNICIPAL WATER. THE CONTRACTOR WILL BE REQUIRED TO SUPPLY THEIR OWN RPZ BACKFLOW PREVENTOR WHEN ACCESSING MUNICIPAL WATER.

FOR THE CITY OF EVANSTON, THE CONTRACTOR SHALL NOTIFY THE DISTRIBUTION & SEWER CHIEF TOM JACKSON AT (847) 866-2945 48 HOURS PRIOR TO ANY FIRE HYDRANT OR WATER MAIN WORK. FOR THE VILLAGE OF WILMETTE, THE CONTRACTOR SHALL NOTIFY THE UTILITY SUPERVISOR BRAD ENRIGHT AT (847) 853-7588 48 HOURS PRIOR TO ANY FIRE HYDRANT OR WATER MAIN WORK.

**MWRD NOTES:**

1. THE MWRD LOCAL SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK (CALL 708-588-4055).
2. THE ELEVATION DATUM IS USGS.
3. THERE ARE NO FLOOR DRAINS ON THIS PROJECT.
4. THERE ARE NO FOOTING DRAINS OR DOWNSPOUTS ON THIS PROJECT.
5. ALL SANITARY SEWER PIPE MATERIALS AND JOINTS (AND STORM SEWER PIPE MATERIALS AND JOINTS IN A COMBINED SEWER AREA) SHALL CONFORM TO:

PIPE MATERIAL SPEC. JOINT SPEC.

<b>VITRIFIED CLAY PIPE</b>	
VCP C-700	C-425
VCP (NO BEL) C-700	
JOINT	C-425
COLLAR	D-1784
<b>CONCRETE PIPE C-14</b>	
RCP C-76	C-443
ACP C-428	C-443
D-1869	
<b>ABS SEWER PIPE</b>	
<b>SOLID WALL 6" DIA. SDR 23.5</b>	
ABS D-2751	D-2751
<b>ABS COMPOSITE/TRUSS PIPE</b>	
8"-15" DIA.	
ABS D-2680	D-2680
<b>PVC GRAVITY SEWER PIPE</b>	
<b>6"-15" DIA. SDR 26</b>	
D-3034	D-3212 OR D-2855
<b>18"-27" DIA. F/DY=46</b>	
F-679	D-3212 OR D-2855
CISP A-74	C-564
DIP A-21.5I	A-21.1I

(NOTE: THE MWRD HAS APPROVED LESS COMMON PIPE MATERIALS ON A QUALIFIED BASIS IN ADDITION TO THOSE ABOVE. PLEASE CONTACT THE DISTRICT IF CONSIDERING USING PIPE NOT LISTED ABOVE.)

6. ALL STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS, REQUIRES STONE BEDDING WITH STONE 1/4 " TO 1" IN SIZE, WITH MINIMUM BEDDING THICKNESS EQUAL TO 1/4 THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN FOUR (4) INCHES NOR MORE THAN EIGHT (8) INCHES. MATERIAL SHALL BE CA-11 OR CA-13 AND SHALL BE EXTENDED AT LEAST 12" ABOVE THE TOP OF THE PIPE WHEN USING PVC.
7. "BAND SEAL" OR SIMILAR FLEXIBLE-TYPE COUPLINGS SHALL BE USED IN THE CONNECTION OF SEWER PIPES OF DISSIMILAR MATERIALS.
8. WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN EXISTING WYE, TEE, OR AN EXISTING MANHOLE, ONE OF THE FOLLOWING METHODS SHALL BE USED: (SEE DETAIL SHEET 182A)
  1. CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS ("SEWER-TAP" MACHINE OR SIMILAR) AND PROPER INSTALLATION OF HUB-WYE SADDLE OR HUB-TEE SADDLE.
  2. REMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE BELL) AND REPLACE WITH A WYE OR TEE BRANCH SECTION.
  3. WITH PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROPER FITTING, USING "BAND SEAL" OR SIMILAR COUPLINGS TO HOLD IT FIRMLY IN PLACE.
9. WHENEVER A SANITARY/COMBINED SEWER CROSSES UNDER A WATER MAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATER MAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY/COMBINED SEWERS AND WATER MAINS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATER MAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18" VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED ABOVE CAN NOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATER MAIN, THE SEWER SHALL BE CONSTRUCTED TO WATER MAIN STANDARDS.
10. ALL STORM MANHOLES IN COMBINED SEWER AREAS, SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES, AND SHALL BE CAST IN PLACE OR PRE-CAST REINFORCED CONCRETE.
11. ALL SANITARY MANHOLES, (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES, AND SHALL BE CAST IN PLACE OR PRE-CAST REINFORCED CONCRETE.
12. RESILIENT CONNECTORS CONFORMING TO ASTM C-923, SHALL BE USED BETWEEN DRAINAGE AND SANITARY STRUCTURES AND PIPES.

NOTE: BOXED ITEMS ARE INCIDENTAL ITEMS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES  
SHERIDAN ROAD

DATE 7/13/07  
DRAWN BY LTD  
CHECKED BY BJL

NO SCALE

PLT DATE = 7/13/07  
FILE NAME = C:\Users\jrb851\OneDrive\Notes\2.aht  
PLT SCALE = 88.0000 / IN.  
USER NAME = jrb851

1051 PERIMETER DRIVE, SUITE 1025  
SCHAMBERG, ILLINOIS 60173  
(847) 605-9800



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509 00-00173-00-PP		COOK	246	4
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

PLOT DATE = 7/13/07  
 FILE NAME = \\s1465\0085\road\sheds\SUMQTY.dwg  
 PLOT SCALE = 50.0000 / 1" = 100'  
 USER NAME = bjohnson

SUMMARY OF QUANTITIES				1000-2A ROADWAY WILMETTE 70% STU 30% STATE	1000-2A ROADWAY EVANSTON 70% STU 30% STATE	Y030-1E LIGHTING WILMETTE 70% STU 30% LA	Y030-1E LIGHTING EVANSTON 70% STU 30% LA	Y031-1F SIGNALS WESTERFIELD 70% STU 30% LA	Y031-1F SIGNALS LAKE 70% STU 30% LA	Y031-1F SIGNALS ISABELLA 70% STU 30% LA	Y003-TEA ENHANCEMENTS WILMETTE 80% ITP 20% LA	Y060 WATER WILMETTE NON-PART 100% LA	Y060 WATER EVANSTON NON-PART 100% LA
CODE NO	PAY ITEM	UNIT	QUANTITY										
20100110	• TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	34	34									
20100210	• TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	50	18	32								
20101000	TEMPORARY FENCE	FOOT	26,461	21,336	5,125								
20101200	• TREE ROOT PRUNING	EACH	366	304	62								
20101300	• TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	172	129	43								
20101350	• TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	194	174	20								
20200100	EARTH EXCAVATION	CU YD	28,015	23,352	4,663								
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	4,585	4,135	450								
20700400	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	15	15									
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	3,500	3,150	350								
20800150	TRENCH BACKFILL	CU YD	16,998	16,220	778								
20800250	TRENCH BACKFILL, SPECIAL	CU YD	18,672	11,319								7,336	17
21101615	• TOPSOIL FURNISH AND PLACE, 4"	SQ YD	17,216	14,396	2,820								
21301072	EXPLORATION TRENCH 72" DEPTH	FOOT	700	500								100	100
25000400	• NITROGEN FERTILIZER NUTRIENT	POUND	218	181	37								
25000500	• PHOSPHORUS FERTILIZER NUTRIENT	POUND	218	181	37								
25000600	• POTASSIUM FERTILIZER NUTRIENT	POUND	218	181	37								
25200110	• SODDING, SALT TOLERANT	SQ YD	17,216	14,396	2,820								
25200200	• SUPPLEMENTAL WATERING	UNIT	510	450	60								
25300500	• TOP SOIL FOR PLANTING	CU YD	270								270		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	680	600	80								
28000510	INLET FILTERS	EACH	136	105	31								
35300100	PORTLAND CEMENT CONCRETE BASE COURSE 6"	SQ YD	3,614		3,614								
35300210	PORTLAND CEMENT CONCRETE BASE COURSE 7 1/2"	SQ YD	47,647	43,393	4,254								
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	506	419	87								
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	180	180									
40300100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	17,896	15,217	2,679								
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	317	60	257								
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	7,313	6,111	1,202								
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	121	104	17								
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	4,301	3,656	645								
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	1,534	1,282	252								
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	775	691	84								
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	44,784	35,827	8,957								
42400800	DETECTABLE WARNINGS	SQ FT	800	540	260								
44000100	PAVEMENT REMOVAL	SQ YD	53,581	44,942	8,639								
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	63	63									
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	2,740	2,328	412								
44000300	CURB REMOVAL	FOOT	208	161	47								
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	22,648	18,781	3,867								
44000600	SIDEWALK REMOVAL	SQ FT	41,378	33,102	8,276								

• SPECIALTY ITEM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SUMMARY OF QUANTITIES  
 SHERIDAN ROAD  
 DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL  
 NO SCALE



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
3509 00-00173-00-FP		COOK	246 5
STA.		TO STA.	
FED. ROAD DIST. NO. 7 ILLINOIS		FED. AID PROJECT	

PLOT DATE = 7/12/07  
 FILE NAME = I:\cadd\83964\summary\summary.dwg  
 PLOT SCALE = 5/8" = 1' IN.  
 USER NAME = bjohnson

SUMMARY OF QUANTITIES				1000-2A ROADWAY WILMETTE 70% STU 30% STATE	1000-2A ROADWAY EVANSTON 70% STU 30% STATE	Y030-1E LIGHTING WILMETTE 70% STU 30% LA	Y030-1E LIGHTING EVANSTON 70% STU 30% LA	Y031-1F SIGNALS WESTERFIELD 70% STU 30% LA	Y031-1F SIGNALS LAKE 70% STU 30% LA	Y031-1F SIGNALS ISABELLA 70% STU 30% LA	Y003-TEA ENHANCEMENTS WILMETTE 80% ITEMP 20% LA	Y060 WATER WILMETTE NON-PART 100% LA	Y060 WATER EVANSTON NON-PART 100% LA
CODE NO	PAY ITEM	UNIT	QUANTITY										
44201749	CLASS D PATCHES, TYPE I, 9 INCH	SQ YD	166	154	12								
44201757	CLASS D PATCHES, TYPE III, 9 INCH	SQ YD	23	23									
44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SQ YD	2,267	2,267									
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	168	168									
48301000	PROTECTIVE COAT	SQ YD	56,086	51,716	4,370								
50102400	CONCRETE REMOVAL	CU YD	9.5	9.5									
50200100	STRUCTURE EXCAVATION	CU YD	264	264									
50202901	COFFERDAM (LOCATION - 1)	EACH	1	1									
50202902	COFFERDAM (LOCATION - 2)	EACH	1	1									
50300225	CONCRETE STRUCTURES	CU YD	112.8	112.8									
50401205	• PRECAST CONCRETE CAPS	EACH	38								38		
50401215	• PRECAST CONCRETE PANEL	SQ FT	1,510								1,510		
50500505	STUD SHEAR CONNECTORS	EACH	272	272									
50700209	UNTREATED TIMBER LAGGING	SQ FT	1,531	1,531									
51202230	FURNISHING SOLDIER PILES (W SECTION)	FOOT	862	862									
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	16,580	16,580									
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	1,065	935	130								
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	206	86	120								
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	157		157								
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	555		555								
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	953	638	315								
550A0420	STORM SEWERS, CLASS A, TYPE 2 27"	FOOT	938	938									
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	415	415									
550A0440	STORM SEWERS, CLASS A, TYPE 2 33"	FOOT	441	441									
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	1,342	1,342									
550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	55	55									
550A0490	STORM SEWERS, CLASS A, TYPE 2 54"	FOOT	33	33									
550A0750	STORM SEWERS, CLASS A, TYPE 3 36"	FOOT	805	805									
550A0770	STORM SEWERS, CLASS A, TYPE 3 42"	FOOT	1,370	1,370									
550A1070	STORM SEWERS, CLASS A, TYPE 4 42"	FOOT	653	653									
55100300	STORM SEWER REMOVAL 8"	FOOT	1,771	1,766	5								
55100500	STORM SEWER REMOVAL 12"	FOOT	429	306	123								
55100700	STORM SEWER REMOVAL 15"	FOOT	35	35									
552A1100	STORM SEWERS JACKED IN PLACE, CLASS A 30"	FOOT	130	130									
552A1500	STORM SEWERS JACKED IN PLACE, CLASS A 42"	FOOT	145	145									
56100600	WATER MAIN 6"	FOOT	684									678	6
56100700	WATER MAIN 8"	FOOT	1,821									1,821	
56100800	WATER MAIN 10"	FOOT	20									10	10
56100900	WATER MAIN 12"	FOOT	5,362									5,347	15
56101000	WATER MAIN 16"	FOOT	4,379									4,379	

• SPECIALTY ITEM

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SUMMARY OF QUANTITIES
		SHERIDAN ROAD
		DATE 7/13/07
		DRAWN BY LTD
		CHECKED BY B.J.L

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	6
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

PLOT DATE = 7/12/2007  
 PLOT USER = b.johnson  
 PLOT SCALE = 50,000 / 1"

1061 PERIMETER DRIVE, SUITE 1025  
 SCHAUMBURG, ILLINOIS 60173  
 (847) 605-9600



SUMMARY OF QUANTITIES				I000-2A ROADWAY WILMETTE 70% STU 30% STATE	I000-2A ROADWAY EVANSTON 70% STU 30% STATE	Y030-1E LIGHTING WILMETTE 70% STU 30% LA	Y030-1E LIGHTING EVANSTON 70% STU 30% LA	Y031-IF SIGNALS WESTERFIELD 70% STU 30% LA	Y031-IF SIGNALS LAKE 70% STU 30% LA	Y031-IF SIGNALS ISABELLA 70% STU 30% LA	Y003-TEA ENHANCEMENTS WILMETTE 80% ITEP 20% LA	Y060 WATER WILMETTE NON-PART 100% LA	Y060 WATER EVANSTON NON-PART 100% LA
CODE NO	PAY ITEM	UNIT	QUANTITY										
56101120	WATER MAIN 24"	FOOT	76									76	
56104900	WATER VALVES 6"	EACH	3									3	
56105000	WATER VALVES 8"	EACH	29									29	
56105100	WATER VALVES 10"	EACH	1									1	
56105200	WATER VALVES 12"	EACH	11									11	
56105300	WATER VALVES 16"	EACH	10									10	
56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	2										2
56400500	FIRE HYDRANTS TO BE REMOVED	EACH	19									18	1
56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	27									26	1
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	123	123									
60107600	PIPE UNDERDRAINS 4"	FOOT	22,976	18,673	4,303								
60109580	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	301	301									
60203210	CATCH BASINS, TYPE A, SPECIAL, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	6	6									
60203240	CATCH BASINS, TYPE A, SPECIAL, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	29	25	4								
60206140	CATCH BASINS, TYPE A, SPECIAL, 5'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	1	1									
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	3	2	1								
60210413	CATCH BASINS, TYPE C, SPECIAL, TYPE 23 FRAME AND GRATE	EACH	59	56	3								
60220400	MANHOLES, TYPE A, SPECIAL, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	8	3	5								
60223100	MANHOLES, TYPE A, SPECIAL, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	48	46	2								
60223700	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1									
60224200	MANHOLES, TYPE A, SPECIAL, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2									
60226600	MANHOLES, DROP TYPE, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1									
60226730	MANHOLES, DROP TYPE, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2									
60228110	MANHOLES, SANITARY, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	36	36									
60228120	MANHOLES, SANITARY, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3									
60228130	MANHOLES, SANITARY, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1									
60228300	DROP SANITARY MANHOLES, WITH TYPE 1 FRAME, CLOSED LID	EACH	11	11									
60238900	INLETS, TYPE A, SPECIAL, TYPE 1 FRAME, OPEN LID	EACH	1	1									
60239600	INLETS, TYPE A, SPECIAL, TYPE 11 FRAME AND GRATE	EACH	1	1									
60239713	INLETS, TYPE A, SPECIAL, TYPE 23 FRAME AND GRATE	EACH	22	18	4								
60248700	VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	54									54	
60250200	CATCH BASINS TO BE ADJUSTED	EACH	5		5								
60255500	MANHOLES TO BE ADJUSTED	EACH	14	5	9								
60260100	INLETS TO BE ADJUSTED	EACH	9		9								
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	15									2	13
60266500	VALVE VAULTS TO BE REMOVED	EACH	17									17	
60266600	VALVE BOXES TO BE ADJUSTED	EACH	10										10
60403600	GRATES, SPECIAL	EACH	2	2									
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	10	5	5								
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	10	5	5								
60500040	REMOVING MANHOLES	EACH	4	4									

• SPECIALTY ITEM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SUMMARY OF QUANTITIES  
 SHERIDAN ROAD  
 DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL

F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
3509	00-00173-00-FP	COOK	246 7
STA.		TO STA.	
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT			

PLOT DATE = 7/12/2007  
 PLOT USER = 90420095 / 0000 / sheets / SUMQTY.dwg  
 PLOT SCALE = 30.00000 / 1.00  
 USER NAME = b.johnson

SUMMARY OF QUANTITIES				I000-2A ROADWAY WILMETTE 70% STU 30% STATE	I000-2A ROADWAY EVANSTON 70% STU 30% STATE	Y030-1E LIGHTING WILMETTE 70% STU 30% LA	Y030-1E LIGHTING EVANSTON 70% STU 30% LA	Y031-IF SIGNALS WESTERFIELD 70% STU 30% LA	Y031-IF SIGNALS LAKE 70% STU 30% LA	Y031-IF SIGNALS ISABELLA 70% STU 30% LA	Y003-TEA ENHANCEMENTS WILMETTE 80% ITEP 20% LA	Y060 WATER WILMETTE NON-PART 100% LA	Y060 WATER EVANSTON NON-PART 100% LA
CODE NO	PAY ITEM	UNIT	QUANTITY										
60500050	REMOVING CATCH BASINS	EACH	77	72	5								
60500060	REMOVING INLETS	EACH	20	14	6								
60500405	FILLING VALVE VAULTS	EACH	36										
60500705	CATCH BASINS TO BE FILLED TO MAINTAIN FLOW	EACH	1	1									
60600605	CONCRETE CURB, TYPE B	FOOT	2,418	1,788	630								
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	22,686	18,597	4,089								
60605900	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.12	FOOT	360	360									
60608300	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	FOOT	440	440									
60624600	CORRUGATED MEDIAN	SQ FT	32	32									
61139900	STORM SEWERS, SPECIAL 6"	FOOT	6,214	6,214									
63000000	• STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	38	38									
63100045	• TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	4	4									
63100167	• TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	2	2									
63200310	GUARDRAIL REMOVAL	FOOT	116	116									
66410400	CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED	FOOT	870	870									
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	18	16	2								
67100100	MOBILIZATION	L SUM	1	1									
70101700	• TRAFFIC CONTROL AND PROTECTION	L SUM	1	1									
70300100	• SHORT-TERM PAVEMENT MARKING	FOOT	21,250	19,206	2,044								
70300220	• TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	244,234	210,822	33,412								
70300280	• TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	1,620	1,140	480								
70300510	• PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS	SQ FT	2,455	2,205	250								
70300520	• PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	15,195	8,145	7,050								
70300570	• PAVEMENT MARKING TAPE, TYPE III 24"	FOOT	840	690	150								
70301000	• WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	19,610	16,257	3,353								
72000100	• SIGN PANEL - TYPE 1	SQ FT	1,142	858	285								
72400100	• REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	222	160	62								
72400310	• REMOVE SIGN PANEL - TYPE 1	SQ FT	575	575									
72400500	• RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	5	2	3								
72900100	• METAL POST - TYPE A	FOOT	635	431	204								
72900200	• METAL POST - TYPE B	FOOT	974	789	185								
78000100	• THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	2,622	2,254	368								
78000200	• THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	26,160	22,613	3,547								
78000400	• THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	20,004	18,180	1,824								
78000600	• THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	351	304	47								
78000650	• THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	503	403	100								
78003110	• PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"	FOOT	656	612	44								
78003130	• PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"	FOOT	533	533									
78100100	• RAISED REFLECTIVE PAVEMENT MARKER	EACH	437	403	34								
78200410	• GUARDRAIL MARKERS, TYPE A	EACH	12	12									
78201000	• TERMINAL MARKER - DIRECT APPLIED	EACH	2	2									

• SPECIALTY ITEM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SUMMARY OF QUANTITIES  
 SHERIDAN ROAD  
 DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL

1061 PERIMETER DRIVE, SUITE 1025  
 SCHAMBERG, ILLINOIS 60173  
 (847) 605-9600



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509 00-00173-00-FP	COOK		246	8
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS		FED. AID PROJECT		

PLOT DATE = 7/12/2007  
 PLOT NAME = 83964-00173-00-FP.dwg  
 PLOT SCALE = 50,000 / 1" = 1,000' / 1"  
 USER NAME = b.johnson

1081 PERIMETER DRIVE, SUITE 1025  
 SCHAMBERG, ILLINOIS 60173  
 (847) 605-9600



SUMMARY OF QUANTITIES				I000-2A ROADWAY WILMETTE 70% STU 30% STATE	I000-2A ROADWAY EVANSTON 70% STU 30% STATE	Y030-1E LIGHTING WILMETTE 70% STU 30% LA	Y030-1E LIGHTING EVANSTON 70% STU 30% LA	Y031-1F SIGNALS WESTERFIELD 70% STU 30% LA	Y031-1F SIGNALS LAKE 70% STU 30% LA	Y031-1F SIGNALS ISABELLA 70% STU 30% LA	Y003-TEA ENHANCEMENTS WILMETTE 80% ITEP 20% LA	Y060 WATER WILMETTE NON-PART 100% LA	Y060 WATER EVANSTON NON-PART 100% LA
CODE NO	PAY ITEM	UNIT	QUANTITY										
78300100	• PAVEMENT MARKING REMOVAL	SQ FT	9,082	741	8,341								
81000600	• CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	751					159	26	566			
81000700	• CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	1,768			1,064	480	142	30	52			
81000800	• CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	33					0	21	12			
81001000	• CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	246					4	52	10		180	
81018500	• CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	1,279					371	741	167			
81018600	• CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL	FOOT	372			120		252	0	0			
81018900	• CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	627					133	226	268			
81400100	• HANDHOLE	EACH	16					5	6	5			
81400200	• HEAVY-DUTY HANDHOLE	EACH	5					2	2	1			
81400300	• DOUBLE HANDHOLE	EACH	4					1	1	2			
81400735	• HANDHOLE, COMPOSITE CONCRETE, SPECIAL	EACH	131			90	11				30		
81603155	• UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND, (EPR-TYPE RHW), 1" DIA. POLYETHYLENE	FOOT	23,005			14,014	4,320				4,671		
81800230	• AERIAL CABLE, 2-1/C NO. 6 WITH MESSENGER WIRE	FOOT	15,275			11,525	3,750						
81900200	• TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	22,052			17,175	3,860	273	104	640			
83057140	• LIGHT POLE, WOOD, 30 FOOT, CLASS 3	EACH	75			66	9						
83600200	• LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	16				16						
83600400	• POLE FOUNDATION, METAL	EACH	27			27							
84200600	• REMOVAL OF EXISTING LIGHTING UNIT, NO SALVAGE	EACH	11			11							
84200700	• LIGHTING FOUNDATION REMOVAL	EACH	15			13	2						
84400105	• RELOCATE EXISTING LIGHTING UNIT	EACH	15			13	2						
85700200	• FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	2					1	1				
85700205	• FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1							1			
87301215	• ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,882					453	601	828			
87301225	• ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	3,699					840	1,739	1,120			
87301245	• ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	3,134					1,358	573	1,203			
87301255	• ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2,684						1,858	826			
87301305	• ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	3,432					954	1,385	1,093			
87301805	• ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	519					125	213	181			
87701140	• STEEL MAST ARM ASSEMBLY AND POLE, 20 FT. (SPECIAL)	EACH	1							1			
87701150	• STEEL MAST ARM ASSEMBLY AND POLE, 22 FT. (SPECIAL)	EACH	1							1			
87701170	• STEEL MAST ARM ASSEMBLY AND POLE, 26 FT. (SPECIAL)	EACH	2							1	1		
87701200	• STEEL MAST ARM ASSEMBLY AND POLE, 32 FT. (SPECIAL)	EACH	2							1	1		
87701220	• STEEL MAST ARM ASSEMBLY AND POLE, 36 FT. (SPECIAL)	EACH	1							1	1		
87701230	• STEEL MAST ARM ASSEMBLY AND POLE, 38 FT. (SPECIAL)	EACH	1							1	1		
87704040	• STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 22 FT. (SPECIAL)	EACH	1							1	1		
87704050	• STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 24 FT. (SPECIAL)	EACH	1							1	1		
87800100	• CONCRETE FOUNDATION, TYPE A	FOOT	40					24	8	8			
87800150	• CONCRETE FOUNDATION, TYPE C	FOOT	12					4	4	4			
87800400	• CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	90					30	15	45			

• SPECIALTY ITEM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SUMMARY OF QUANTITIES  
 SHERIDAN ROAD  
 DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY B.JL



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509 00-00173-00-PP		COOK	246	9
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS		FED. AID PROJECT		

PLOT DATE = 7/12/2007  
 PLOT USER = J. J. JONES  
 PLOT SCALE = 3/8" = 1' / IN.  
 USER NAME = j.jones

SUMMARY OF QUANTITIES				I000-2A ROADWAY WILMETTE 70% STU 30% STATE	I000-2A ROADWAY EVANSTON 70% STU 30% STATE	Y030-1E LIGHTING WILMETTE 70% STU 30% LA	Y030-1E LIGHTING EVANSTON 70% STU 30% LA	Y031-IF SIGNALS WESTERFIELD 70% STU 30% LA	Y031-IF SIGNALS LAKE 70% STU 30% LA	Y031-IF SIGNALS ISABELLA 70% STU 30% LA	Y003-TEA ENHANCEMENTS WILMETTE 80% ITP 20% LA	Y060 WATER WILMETTE NON-PART 100% LA	Y060 WATER EVANSTON NON-PART 100% LA
CODE NO	PAY ITEM	UNIT	QUANTITY										
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	60						45	15			
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	12					4	3	5			
88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	6					4	1	1			
88030070	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	4					2		2			
88030080	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	3						1	2			
88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3						3				
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	3						2	1			
88030210	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1					1					
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	2					2					
88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	10					2	4	4			
88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	20					4	8	8			
88500100	INDUCTIVE LOOP DETECTOR	EACH	17					5	7	5			
88600100	DETECTOR LOOP, TYPE I	FOOT	1,450					444	556	450			
88700200	LIGHT DETECTOR	EACH	7					2	3	2			
88700300	LIGHT DETECTOR AMPLIFIER	EACH	3					1	1	1			
88800100	PEDESTRIAN PUSH-BUTTON	EACH	12					4	4	4			
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	3					1	1	1			
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	3					1	1	1			
89502380	REMOVE EXISTING HANDHOLE	EACH	23			10	2	5	3	3			
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	19					7	7	5			
B2006374	TREE, SYRINGA RETICULATA IVORY SILK (IVORY SILK JAPANESE TREE LILAC), 10' HEIGHT, CLUMP FORM, BALLED AND BURLAPPE	EACH	1								1		
C2011036	SHRUB, SYRINGA PATULA MISS KIM (MISS KIM MANCHURIAN LILAC), 3' HEIGHT, BALLED AND BURLAPPED	EACH	58								58		
D2000918	EVERGREEN, JUNIPERUS HORIZONTALIS HUGHES (HUGHES CREEPING JUNIPER), 18" WIDTH, BALLED AND BURLAPPED	EACH	17								17		
E2015062	VINE-HYDRANGEA ANOMALA SUBSP. PETIOLARIS (CLIMBING HYDRANGEA), 2-GALLON POT	EACH	110								110		
K0030450	PERENNIAL PLANTS, DAFFODIL BULBS	UNIT	2								2		
K0036120	MULCH PLACEMENT 4"	SQ YD	405								405		
X0301335	WATER MAIN REMOVAL 8"	FOOT	100									100	
X0320164	FURNISHING SOLDIER PILES	FOOT	920	920									
X0320374	PLUG EXISTING SANITARY SEWERS	EACH	6	6									
X0320591	SANITARY MANHOLES TO BE REMOVED	EACH	37	37									
X0320772	WATER MAIN REMOVAL 12"	FOOT	60									50	10
X0321478	MAINTENANCE OF EXISTING LIGHTING SYSTEM COMPLETE	L SUM	1			1							
X0321556	SANITARY MANHOLES TO BE ADJUSTED	EACH	12	6	6								
X0322033	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	1,235	1,122	112								
X0322034	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	344	344									
X0322035	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	142	142									
X0322089	STORM SEWER (WATER MAIN REQUIREMENTS) 36 INCH	FOOT	330	330									
X0322090	STORM SEWER (WATER MAIN REQUIREMENTS) 42 INCH	FOOT	381	381									
X0322124	STORM SEWER (WATER MAIN REQUIREMENTS) 8 INCH	FOOT	15	15									

• SPECIALTY ITEM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SUMMARY OF QUANTITIES  
 SHERIDAN ROAD  
 DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509 00-00173-00-PP	COOK	246	10	
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

PLOT DATE = 7/12/2007  
 PLOT NAME = 83964-00173-00-PP-00173.dwg  
 PLOT SCALE = 80.0000 / IN  
 USER NAME = b.johnson

SUMMARY OF QUANTITIES				I000-2A ROADWAY WILMETTE 70% STU 30% STATE	I000-2A ROADWAY EVANSTON 70% STU 30% STATE	Y030-1E LIGHTING WILMETTE 70% STU 30% LA	Y030-1E LIGHTING EVANSTON 70% STU 30% LA	Y031-IF SIGNALS WESTERFIELD 70% STU 30% LA	Y031-IF SIGNALS LAKE 70% STU 30% LA	Y031-IF SIGNALS ISABELLA 70% STU 30% LA	Y003-TEA ENHANCEMENTS WILMETTE 80% ITEP 20% LA	Y060 WATER WILMETTE NON-PART 100% LA	Y060 WATER EVANSTON NON-PART 100% LA
CODE NO	PAY ITEM	UNIT	QUANTITY										
X0322125	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	470	174	296								
X0322126	STORM SEWER (WATER MAIN REQUIREMENTS) 27 INCH	FOOT	598	598									
X0322127	STORM SEWER (WATER MAIN REQUIREMENTS) 30 INCH	FOOT	76	76									
X0322789	• TELEVISION INSPECTION OF NEW SANITARY SEWER	FOOT	7,297	7,297									
X0322923	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	274								274		
X0323199	SANITARY SEWER, DUCTILE IRON, 10"	FOOT	630	630									
X0323200	SANITARY SEWER, DUCTILE IRON, 12"	FOOT	1,675	1,675									
X0323426	SEDIMENT CONTROL, DRAINAGE STRUCTURE INLET FILTER CLEANING	EACH	382	308	74								
X0323484	DRILLING AND SETTING SOLDIER PILES	CU FT	3,562	3,562									
X0323827	WATER MAIN REMOVAL 10"	FOOT	20									10	10
X0323828	WATER MAIN REMOVAL 16"	FOOT	20									20	
X0323973	SEDIMENT CONTROL, SILT FENCE	FOOT	3,890	2,320	1,560							10	
X0323974	SEDIMENT CONTROL, SILT FENCE MAINTENANCE	FOOT	5,830	3,480	2,340							10	
X0324062	• ENTRANCE SIGN	L SUM	2								2		
X0324345	COMBINED SEWER REMOVAL 24"	FOOT	676	676									
X0324673	WATER MAIN REMOVAL 24"	FOOT	10									10	
X0324732	COMBINED SEWER REMOVAL 15"	FOOT	1,409	1,409									
X0325207	• TELEVISION INSPECTION OF SEWER	FOOT	14,730	14,353	377								
X0325225	BRICK PAVEMENT REMOVAL AND REPLACEMENT	SQ FT	2,971	2,971									
X0325581	MANHOLES, TYPE A, 7' DIAMETER, SPECIAL	EACH	2	2									
X0656100	DRIVEWAY PAVEMENT REMOVAL AND REPLACEMENT	SQ YD	181	181									
X0712400	TEMPORARY PAVEMENT	SQ YD	263	54	209								
X0839900	SANITARY SEWER REMOVAL 6"	FOOT	6,667	6,667									
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	114	94	20								
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	35	30	5								
X4023000	TEMPORARY ACCESS (ROAD)	EACH	31	24	7								
X8050010	• SERVICE INSTALLATION - GROUND MOUNTED	EACH	1					1					
X8050015	• SERVICE INSTALLATION - POLE MOUNTED	EACH	2					0	1	1			
X8730027	• ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	1,615					508	590	517			
X8730250	• ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	1,068					265	526	277			
XX000479	WATER MAIN REMOVAL 6 INCH	FOOT	5,220									5,220	
XX000598	COMBINED SEWER REMOVAL 12"	FOOT	3,818	3,818									
XX000876	• LUMINAIRE, METAL HALIDE HORIZONTAL MOUNT 250 WATT	EACH	15								15		
XX001249	ORNAMENTAL FENCE	FOOT	175								175		
XX001306	SIDEWALK REMOVAL AND REPLACEMENT	SQ FT	600	500	100								
XX001470	SANITARY SERVICE CONNECTION	EACH	170	170									
XX002948	TEMPORARY ACCESS WALK	EACH	35	25	10								
XX003219	UNIT PAVERS	SQ FT	6,640	0							6,640		
XX003668	PRECONSTRUCTION VIDEO TAPING	L SUM	1	1									
XX003885	• IRRIGATION SYSTEM	L SUM	1	0							1		
XX005279	SANITARY SEWER, DUCTILE IRON PIPE, CLASS52, 15"	FOOT	287	287									

• SPECIALTY ITEM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SUMMARY OF QUANTITIES  
 SHERIDAN ROAD  
 DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL

1061 PERIMETER DRIVE, SUITE 1025  
 SCHAMBERG, ILLINOIS 60173  
 (847) 605-9600



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FF	COOK	246	11
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS		FED. AID PROJECT		

PLOT DATE = 7/12/2007  
 FILE NAME = \\s01\p001\proj\83964\summary.tbl  
 PLOT SCALE = 3/8" = 1'-0"  
 USER NAME = bjoelmann

SUMMARY OF QUANTITIES				I000-2A ROADWAY WILMETTE 70% STU 30% STATE	I000-2A ROADWAY EVANSTON 70% STU 30% STATE	Y030-1E LIGHTING WILMETTE 70% STU 30% LA	Y030-1E LIGHTING EVANSTON 70% STU 30% LA	Y031-IF SIGNALS WESTERFIELD 70% STU 30% LA	Y031-IF SIGNALS LAKE 70% STU 30% LA	Y031-IF SIGNALS ISABELLA 70% STU 30% LA	Y003-TEA ENHANCEMENTS WILMETTE 80% ITP 20% LA	Y060 WATER WILMETTE NON-PART 100% LA	Y060 WATER EVANSTON NON-PART 100% LA
CODE NO	PAY ITEM	UNIT	QUANTITY										
XX005434	WATER SERVICE LINE, SPECIAL	FOOT	3,598										
XX005642	▪ GATEWAY MONUMENT SIGN COMPLETE	EACH	4										
XX005929	▪ TRAFFIC SIGNAL POST, 14 FOOT, (SPECIAL)	EACH	5										
XX005930	▪ TRAFFIC SIGNAL POST, 15 FOOT, (SPECIAL)	EACH	1										
XX005931	▪ TRAFFIC SIGNAL POST, 16 FOOT, (SPECIAL)	EACH	2										
XX005932	▪ TRAFFIC SIGNAL POST, 18 FOOT, (SPECIAL)	EACH	1										
X2620020	▪ UNINTERRUPTABLE POWER SUPPLY	EACH	3										
XZ127900	RETAINING WALL REMOVAL	FOOT	436	436									
Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	54,762	46,611	8,151								
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1									
Z0019600	DUST CONTROL WATERING	UNIT	300	300									
Z0056800	SANITARY SEWER 6"	FOOT	6,185	6,185									
Z0056900	SANITARY SEWER 8"	FOOT	29	29									
Z0057000	SANITARY SEWER 10"	FOOT	1,281	1,281									
Z0057100	SANITARY SEWER 12"	FOOT	715	715									
Z0057200	SANITARY SEWER 15"	FOOT	909	909									
Z0057300	SANITARY SEWER 18"	FOOT	203	203									
Z0057500	SANITARY SEWER 24"	FOOT	675	675									
Z0076600	Δ TRAINEES	HOUR	3,000	3,000									
XX007066	▪ EVERGREEN, JUNIPERUS SABINE 'CALGARY CARPET', #5, CONTAINER	EACH	24									24	
XX007067	▪ EVERGREEN, TAXUS X MEDIAN 'RUNYANII', 30" BALLED AND BURLAPPED	EACH	18									18	
XX007068	▪ SHRUB, ROSA RED RIBBONS (RED RIBBONS ROSE), 18" HEIGHT, CONTAINER	EACH	56									56	
XX007069	▪ PERENNIAL, ALCHEMILLA MOLLIS, #1, CONTAINER	EACH	69									69	
XX007070	▪ PERENNIAL, HEMEROCALLIS 'CUSTARD CANDY', #1, CONTAINER	EACH	38									38	
XX007071	▪ PERENNIAL, HEMEROCALLIS 'HUSH LITTLE BABY', #1, CONTAINER	EACH	38									38	
XX007072	▪ PERENNIAL, HEMEROCALLIS 'JOVIAL', #1, CONTAINER	EACH	38									38	
XX007073	▪ PERENNIAL, HOSTA VENTRICOSA 'AUREO-MARGINATA', #1, CONTAINER	EACH	68									68	
XX007074	▪ LANTANA CAMARA (COMMON VERBENA), 1 QUART POT	EACH	46									46	
XX007075	▪ PERENNIAL, SEDUM SPECTABILE 'AUTUMN FIRE', #1, CONTAINER	EACH	81									81	
XX007076	▪ PERENNIAL, SORGHASTRUM NUTANS 'SIOUX BLUE', #2, CONTAINER	EACH	23									23	
XX007077	▪ BULB, ALLIUM 'GLOBEMASTER', TOPSIZE, BULB	EACH	27									27	
XX007078	VALVE VAULTS TO BE LINED	EACH	2										2
XX007079	▪ CONCRETE RIBBON	FOOT	1,410									1,410	
XX007080	COMBINED SEWER REMOVAL 10"	FOOT	1,362	1,362									
XX007081	SEWER LATERAL CLEANOUT	EACH	166	166									
XX007082	STORM SEWER (WATER MAIN REQUIREMENTS) 33 INCH	FOOT	204	204									
XX007083	MANHOLES, SANITARY, 7'-DIAMETER, TYPE I FRAME, CLOSED LID	EACH	1	1									
XX007084	▪ LIGHT POLE, ALUMINUM, 35 FT. M.H., 10 FT. DAVIT ARM (SPECIAL)	EACH	13									13	
XX006937	GROUND ROD, 5/8" DIA. X 10 FT.	EACH	2										

▪ SPECIALTY ITEM  
Δ Y080

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SUMMARY OF QUANTITIES  
 SHERIDAN ROAD  
 DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-PP	COOK	246	12
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

SCHEDULE OF DRIVES

STATION	OFFSET	TYPE	ADDRESS	EX/PR	44000200	X0656100	40603310	35501308	35501316	42300200	42300400	60600605	60603800	
				MATERIAL	DRV PVMT REM	DRV PVMT REM &	HMA SURF CSE. MIX "C" N50	HMA BASE CSE, 6"	HMA BASE CSE, 8"	PCC DRV PVMT, 6 INCH	PCC DRV PVMT, 8 INCH	CONC CURB, TY B	COMB CONC C&G, TY B-6.12	
					SO YD	SO YD	(TON/SO YD)	SO YD	SO YD	SO YD	SO YD	FOOT	FOOT	
SHERIDAN ROAD- LEFT OFFSETS														
1004+57.2	LT	CE	1630 N	PCC	28						34			
1005+84.8	LT	CE	1630 C	PCC	14						17	23		
1007+30.8	LT	CE	1630 S	PCC	15						18	23		
1008+13.2	LT	CE	1618 N	PCC	11						14	22		
1008+50.2	LT	CE	1618 C	PCC	11						13	22		
1008+84.6	LT	CE	1618 S	PCC	15						16	22		
1009+41.9	LT	CE	1616	PCC	17						20	22		
1011+67.2	LT	CE	1500	PCC	18						16	24		
1014+03.9	LT	CE	1500 N	PCC	75						71	54		
1016+70.7	LT	CE	1440 S	PCC	31						31	30		
1017+83.7	LT	CE	1420 N	PCC	14						16	25		
1018+82.6	LT	CE	1420 S	PCC	59						60	61		
1020+29.8	LT	CE	1410 N	PCC	34						33	24		
1021+53.3	LT	CE	1410 S	PCC	19						21	24		
1022+69.1	LT	CE	BEACH	PCC	13						18			
1024+07.4	LT	PE	1330	PCC	7					11				
				STONE EDGE		3								
1025+41.9	LT	PE	1310	PCC	11					15				
				STONE EDGE		3								
1026+44.6	LT	PE	1300	PCC	8					33				
1027+00.0	LT	PE	1174	PCC	23					27				
1029+47.2	LT	PE	1220 N	PCC	15					19				
1030+25.0	LT	PE	1220 S	PCC	29					45				
1030+82.4	LT	PE	1210 N	PCC	7					12				
1032+03.3	LT	PE	1210 S	PCC	15					11				
1032+43.9	LT	PE	1148 N	PCC	18					16				
1032+91.5	LT	PE	1148 S	PCC	18					20				
1033+31.7	LT	PE	1140	PCC	17					21				
1033+88.0	LT	PE	1136	PCC	17					20				
1034+88.1	LT	PE	1128	BIT	24		0.112	4	29					
1036+29.4	LT	PE	1122	BRICK		17								
1036+93.3	LT	PE	1112	BIT	21		0.112	3	20					
				STONE EDGE		3								
1040+81.2	LT	PE	1064 N	PCC	20					23				
1041+33.3	LT	PE	1064 S	PCC	20					23				
1041+82.5	LT	PE	1028	PCC	15					21				
1042+78.8	LT	PE	1020	PCC	19					21				
1043+41.4	LT	PE	1016 N	PCC	18					22				
1043+97.7	LT	PE	1016 S	PCC	15					22				
1044+47.5	LT	PE	1010	PCC	38					37				
1050+43.6	LT	PE	918	PCC	15					19				
1051+71.8	LT	PE	910	BIT	20		0.112	3	18					
1054+59.0	LT	PE	850/848	PCC	32					30				
1054+97.7	LT	PE	842	PCC	13					19				
1055+73.0	LT	PE		PCC	28					25				
1056+10.7	LT	PE	836	BRICK		18								
1056+49.1	LT	PE	828	PCC	18					19				
1057+44.6	LT	PE	/814	PCC	36					37				
1058+39.2	LT	PE		BRICK		15								
1059+04.9	LT	PE	808 N	PCC	14					20				
1059+51.8	LT	PE	808 S	PCC	18					20				
1062+27.5	LT	PE	738 N	PCC	14					20				
1062+68.2	LT	PE	738 S	PCC	14					20				
1063+03.7	LT	PE	730	BIT	16		0.112	3	20					
1063+99.0	LT	PE	724	PAVERS		24								
1064+65.7	LT	PE	718	PCC	19					21				
1065+07.9	LT	PE	714	PCC	18					21				
1065+50.4	LT	PE	708 N	PCC	21					39				
1066+02.2	LT	PE	708 S	PCC	18					0				
1066+29.0	LT	PE	704 N	PCC	17					7				
1066+86.6	LT	PE	704 S	PCC	8					18				
1067+73.6	LT	PE	678	PCC	18						171	141		
1072+56.8	LT	CE	PARK	PCC	196									
1076+74.8	LT	CE	CHANNEL	BIT	24		0.112	4	27				26	
1078+54.8	LT	CE	CHANNEL	PCC	23						17		27	
1080+26.0	LT	CE	BAHAI	PCC	9						0			
1082+17.0	LT	PE	516	PCC	13					11				
1082+66.7	LT	PE	510 N	PCC	9					11				
1083+14.3	LT	PE	510 S	PCC	14					16				
1083+53.0	LT	PE	500	PCC	20					22				
1084+50.6	LT	PE	430	PCC	21					20				
1086+45.5	LT	PE	416	PCC	10					11				
1088+56.4	LT	PE	400	PCC	17					14				
1088+99.6	LT	PE	336 N	BRICK		9								
1089+77.4	LT	PE	336 S	PCC	13					11				
1092+77.0	LT	PE	2921	BIT	12		0.112	2	12					
1094+96.6	LT	PE	2909	BIT	10		0.112	2	12					
1096+50.5	LT	PE	2895	BIT	15		0.112	2	17					
1100+36.6	LT	PE	2823	BIT	10		0.112	2	14					
1100+67.3	LT	PE	2815 N	BIT	16		0.112	2	17					
1101+23.4	LT	PE	2815 S	BIT	10		0.112	2	15					
				STONE EDGE		3								
SUBTOTAL (LEFT OFFSETS)					1,548	95		29	174	27	891	586	517	53

PLOT DATE = 7/12/2007  
 PLOT SCALE = 80.0000 / IN.  
 USER NAME = bjoelmann

1051 PERIMETER DRIVE, SUITE 1025  
 SCHAMBURG, ILLINOIS 60173  
 (847) 605-9600



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF QUANTITIES  
 SHERIDAN ROAD  
 DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY B.JL  
 NO SCALE

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	13
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

PLOT DATE = 7/12/2007  
 FILE NAME = g:\v\085\085\road\sheds\SCHED.dwg  
 PLOT NAME = 83964.DWG / IN  
 USER NAME = gschmidt

SCHEDULE OF DRIVES (CONTINUED)

STATION	OFFSET	TYPE	ADDRESS	EX/PR	44000200	X0656100	40603310	35501308	35501316	42300200	42300400	60600605	60603800	
				MATERIAL	DRV PVMT REM	DRV PVMT REM &	APP RATE	HMA SURF CSE, MIX "C" N50	HMA BASE CSE, 6"	HMA BASE CSE, 8"	PCC DRV PVMT, 6 INCH	PCC DRV PVMT, 8 INCH	CONC CURB, TY B	COMB CONC C&G, TY B-6.12
					SO YD	SO YD	(TON/SQ YD)	TON	SO YD	SO YD	SO YD	SO YD	FOOT	FOOT
SHERIDAN ROAD- RIGHT OFFSETS														
1006+27.4		RT	CE	1701	PCC							17	23	
1007+77.4		RT	CE	1625 N	PCC							14	22	
1009+23.9		RT	CE	1625 C	PCC							20	25	
1011+14.6		RT	CE	1625 S	PCC							19	27	
1012+22.1		RT	CE	PLAZA	PCC							35	44	
		RT	CE	PLAZA	PAVERS		29							
1019+98.5		RT	PE	1437 - 1445	PCC						17			
1024+34.1		RT	PE	1325 N	PCC						12			
1024+69.2		RT	PE	1321 S	PCC						25			
1024+99.1		RT	PE	1321 S	PCC						0			
1025+36.8		RT	PE		PCC						27			
1025+72.2		RT	PE	1315 N	PCC						0			
1026+38.2		RT	PE	1315 S	PCC						12			
1029+86.7		RT	PE	1221	PCC						22			
1030+56.7		RT	PE	1213	PCC						17			
1031+06.2		RT	PE	1209	PCC						10			
1034+90.1		RT	PE	1129	PCC						20			
1035+66.6		RT	PE	1125	PCC						20			
1036+76.7		RT	PE	1111	PCC						20			
1040+66.1		RT	PE	1037 N	BIT		0.112	3	25					
1041+07.1		RT	PE	1033	BIT		0.112	3	22					
1042+00.7		RT	PE	1025 N	BIT		0.112	3	19					
1042+49.7		RT	PE	1025 S	BIT		0.112	3	22					
1042+90.9		RT	PE		PCC					19				
1049+24.1		RT	PE		BIT		0.112	3	21					
1050+03.9		RT	PE	921	BIT		0.112	3	22					
1050+44.4		RT	PE	915 N	BIT		0.112	3	23					
1050+72.6		RT	PE	915 S	BIT		0.112	3	23					
1051+32.2		RT	PE	911	BIT		0.112	3	21					
					STONE EDGE									
1054+22.0		RT	PE	849	PCC						24			
1055+05.7		RT	PE	845/843	PCC						33			
1055+89.7		RT	PE	835	BIT		0.112	3	22					
1056+71.1		RT	PE	829	BIT		0.112	4	27					
1066+67.9		RT	PE	701/699	BIT		0.112	21	182					
1067+00.4		RT	PE	701	BRICK									
1067+23.3		RT	PE	699	BRICK									
1067+84.0		RT	PE	693	PCC					20				
1069+25.5		RT	PE	687	PCC					18				
1071+49.9		RT	CE	CHANNEL	BIT		0.112	8	67				58	
1076+75.1		RT	CE	BAHAI	BIT		0.112	4	34				50	
1080+26.0										9				
1086+68.7		RT	PE		PCC									
1087+25.9		RT	PE		BIT		0.112	3	24					30
1087+76.5		RT	PE		BIT		0.112	2	11					
1095+90.9		RT	PE		BIT		0.112	2	11					
1096+37.8		RT	PE		BIT		0.112	2	12					
1097+57.9		RT	CE	2808		7								
1098+15.6		RT	CE	2808	BIT		0.112	3	21					
1101+12.0		RT	PE		BIT		0.112	0	0					
SUBTOTAL (RIGHT OFFSETS)					737	64		79	487	122	325	105	191	88
ISABELLA STREET														
4090+50.1		LT	PE		PCC						21			
4090+69.6		RT	PE		PCC						21			
4094+69.3		LT	PE		PCC						21			
4094+67.6		RT	PE		PCC						21			
4097+68.8		LT	PE		PCC						21			
4097+84.2		LT	CE		PCC						21			
4098+03.7		LT	PE		PCC						21			
4097+84.6		RT	CE		PCC						21			
4098+04.1		RT	PE		PCC						21			
4100+74.5		RT	PE		PCC						21			
4101+30.0		RT	PE		PCC						21			
4101+30.3		LT	CE		PCC						21			
4101+62.4		LT	CE		PCC						21			
4101+54.1		RT	PE		PCC						21			
4103+90.8		RT	PE		PCC						21			
4104+14.0		RT	PE		PCC						21			
SUBTOTAL (ISABELLA ST.)					329	0	0	0	0	252	84	0	0	
LAKE AVENUE														
3049+53.7		LT	CE		BIT		0.112	4	31					41
3050+31.7		LT	PE		PCC						21			
3049+38.7		RT	PE		BIT		0.112	4	27					
3050+23.2		RT	PE		PCC						24			
3050+51.8		RT	PE		BRICK						22			
SUBTOTAL (LAKE AVENUE)					104	22		8	27	31	45	0	0	41
CHESTNUT SOUTH					22						21			
SUBTOTAL (OTHER)					22	0		0	0		21	0	0	0
TOTALS					2,740	181		116	688	180	1,534	775	708	182

1051 PERIMETER DRIVE, SUITE 1025  
 SCHAMBERG, ILLINOIS 60173  
 (847) 605-9600



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF QUANTITIES  
 SHERIDAN ROAD  
 DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL  
 NO SCALE

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-PP	COOK	246	14
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

EARTHWORK SCHEDULE OF QUANTITIES

LOCATION	REM AND DISP OF UNSUITABLE MATERIAL (TOPSOIL) (CU YD)						EARTH EXCAVATION (CU YD)						EXCAVATION TO BE USED IN EMBANKMENT (ADJ FOR 15% SHRINKAGE) (CU YD)						EMBANKMENT (CU YD)						EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)					
	STAGE 1A	STAGE 1B	STAGE 2A	STAGE 2B	STAGE 3A	STAGE 3B	STAGE 1A	STAGE 1B	STAGE 2A	STAGE 2B	STAGE 3A	STAGE 3B	STAGE 1A	STAGE 1B	STAGE 2A	STAGE 2B	STAGE 3A	STAGE 3B	STAGE 1A	STAGE 1B	STAGE 2A	STAGE 2B	STAGE 3A	STAGE 3B	STAGE 1A	STAGE 1B	STAGE 2A	STAGE 2B	STAGE 3A	STAGE 3B
	SHERIDAN ROAD																													
1001+50 TO 1012+00			17	23					486	1,140			0	0	413	970			16	29					0	0	397	941		
1012+00 TO 1025+00			36	43					992	2,279			0	0	844	1,938			26	55					0	0	818	1,883		
1025+00 TO 1033+00			15	22					644	1,421			0	0	548	1,208			79	37					0	0	469	1,171		
1033+00 TO 1048+00			52	62					847	1,921			0	0	721	1,634			65	66					0	0	656	1,568		
1048+00 TO LAKE AVENUE (1052+00)			26	5					313	706			0	0	266	600			3	7					0	0	263	593		
LAKE AVENUE (1052+00) TO 1063+00	78	61					1,212	2,494					1,031	2,120					9	31					1,022	2,089				
1063+00 TO 1076+00	64	58					1,346	1,899					1,144	1,614					20	106					1,124	1,508				
1076+00 TO 1086+00	30	171					797	1,619					678	1,377					21	203					657	1,174				
1086+00 TO 1100+00	50	65					1,206	2,308					1,026	1,961					35	25					991	1,936				
1100+00 TO 1105+00	15	18					324	609					276	518					2	6					274	512				
ISABELLA STREET																														
4088+74.27 TO 4092+58.88					7	3					183	198					156	169					7	5					149	164
4094+33.71 TO 4102+50					34	31					656	576					558	490					34	17					524	473
4103+50 TO 4104+58.69					23	1					136	65					116	56					19	5					97	51
LAKE AVENUE					38	34					503	480	0	0	0	0									0	0	0	0		
REM AND DISP OF UNSUITABLE (PGES) (CU YD)	3,500																													
TOTAL	3,737	374	146	156	102	70	4,886	8,926	3,282	7,467	1,477	1,320	4,155	7,590	2,792	6,350	830	715	88	371	189	195	61	27	4,067	7,219	2,603	6,155	769	688

EARTHWORK SUMMARY OF QUANTITIES

	STAGE 1A	STAGE 1B	STAGE 2A	STAGE 2B	STAGE 3A	STAGE 3B	TOTAL
EARTH EXCAVATION	4,886	8,926	3,282	7,467	1,477	1,320	27,358
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	3,737	374	146	156	102	70	4,584

SCHEDULE OF BRICK SIDE STREETS

SIDE STREET	STATION	SIDE	PVMT TYPE	REPLACEMENT AREA (SQ FT)
CHESTNUT	1023+00	RT	BRICK	120
MICHIGAN	1026+50	LT	BRICK	233
ASHLAND	1028+50	RT	BRICK	101
ELMWOOD	1039+25	LT & RT	BRICK	234
FOREST	1046+00	LT	BRICK	125
LINDEN	1085+00	RT	BRICK	117

POROUS GRANULAR EMBANKMENT SUBGRADE (PGES) HAS BEEN PROVIDED AT LOCATIONS INDICATED FOR SOILS WHICH TEND TO BE UNSTABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES 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 STABILITY MANUAL). IF UNSTABLE SOILS ARE ENCOUNTERED, THE SOILS SHALL BE REMOVED AND REPLACED WITH PGES. IF UNSTABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

THE FOLLOWING TABLE LISTS LOCATIONS OF SUSPECTED POOR SUBGRADE, AND AN ADDITIONAL 3,500 CY OF PGES HAS ALSO BEEN APPROVED FOR LOCATIONS WHERE TOPSOIL IS DISCOVERED WITHIN THE PROPOSED SUBGRADE.

STATION	LENGTH	DEPTH	VOLUME
1004+42 TO 1103+23	9,941	0"	0 CY
UNKNOWN	N/A	N/A	3,500 CY
			TOTAL 3,500 CY

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCHEDULE OF QUANTITIES  SHERIDAN ROAD  DATE 7/13/07 DRAWN BY LTO CHECKED BY BJL

PLOT DATE = 7/12/2007  
 PLOT SCALE = 1/8" = 100'-0"  
 USER NAME = bjh@idm.com

1061 PERIMETER DRIVE, SUITE 1025  
 SCHAMBURG, ILLINOIS 60173  
 (847) 805-9600



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-PP	COOK	246	15

PLOT DATE = 7/12/07  
 FILE NAME = \\s0110880001\dwg\wbs\83964\SS\SCHED.qdt  
 PLOT SCALE = 8/32000 / 1"  
 USER NAME = b.johnson

MANHOLE 5-STA 1017+51.82 TO MANHOLE 6-STA 1020+25.77										
WILMETTE ATLAS MANHOLE 26 TO MANHOLE 25										
PR	EX	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT				
		12"	270.0'	0.19%	602.39	601.89				
		12"	270.0'	0.22%	602.39	601.79				
LATERALS		DIST FROM UP MH	CAPPED	TAP AT:	INVERT ALONG EX PIPE	INVERT ALONG PR PIPE	DISTANCE TO ROW	SIZE	MATERIAL	CHANGE IN INVERT ELEV
		9.0'		2:00 RT	602.37	602.37	46.1'	6"	PVC PIPE	1.00%
		19.4'		10:00 LT	602.35	602.35	STORM SEWER LATERAL TO BE REMOVED			
		52.5'		10:00 LT	602.29	602.27	32.9'	6"	PVC PIPE	1.00%
		54.7'		2:00 RT	602.29	602.27	33.2'	6"	PVC PIPE	1.00%
		121.4'		2:00 RT	602.17	602.12	33.0'	6"	PVC PIPE	1.00%

MANHOLE 6-STA 1020+25.77 TO MANHOLE 7-STA 1023+06.41										
WILMETTE ATLAS MANHOLE 25 TO MANHOLE 18										
PR	EX	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT				
		12"	276.6'	0.29%	601.87	601.06				
		12"	276.6'	0.26%	601.79	601.06				
LATERALS		DIST FROM UP MH	CAPPED	TAP AT:	INVERT ALONG EX PIPE	INVERT ALONG PR PIPE	DISTANCE TO ROW	SIZE	MATERIAL	CHANGE IN INVERT ELEV
		5.2'		10:00 LT	601.85	601.78	STORM SEWER LATERAL TO BE REMOVED			
		7.5'		2:00 RT	601.85	601.77	32.6'	6"	PVC PIPE	1.00%
		59.3'		10:00 LT	601.70	601.63	STORM SEWER LATERAL TO BE REMOVED			
		65.7'		2:00 RT	601.68	601.62	STORM SEWER LATERAL TO BE REMOVED			
		67.0'		3:00 RT	601.67	601.61	20.1'	6"	PVC PIPE	1.00%
		69.7'		3:00 RT	601.67	601.61	32.2'	6"	PVC PIPE	1.00%
		80.3'		10:00 LT	601.63	601.58	33.6'	6"	PVC PIPE	1.00%
		82.5'		2:00 RT	601.63	601.57	32.1'	6"	PVC PIPE	1.00%
		152.9'		10:00 LT	601.42	601.39	STORM SEWER LATERAL TO BE REMOVED			
		158.4'		2:00 RT	601.41	601.37	STORM SEWER LATERAL TO BE REMOVED			
		184.1'		10:00 LT	601.33	601.30	34.3'	6"	PVC PIPE	1.00%
		219.5'	CAPPED	2:00 RT	601.23	601.21	CAPPED			
		244.2'		2:00 RT	601.15	601.15	31.4'	6"	PVC PIPE	1.00%

MANHOLE 7-STA 1023+06.41 TO MANHOLE 8-STA 1026+58.16										
WILMETTE ATLAS MANHOLE 18 TO MANHOLE 17										
PR	EX	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT				
		12"	352.5'	0.18%	601.06	600.41				
		12"	352.5'	0.22%	601.06	600.28				
LATERALS		DIST FROM UP MH	CAPPED	TAP AT:	INVERT ALONG EX PIPE	INVERT ALONG PR PIPE	DISTANCE TO ROW	SIZE	MATERIAL	CHANGE IN INVERT ELEV
		30.9'		10:00 LT	601.00	600.99	33.9'	6"	PVC PIPE	1.00%
		60.0'		2:00 RT	600.95	600.93	32.8'	6"	PVC PIPE	1.00%
		117.8'		2:00 RT	600.84	600.80	33.2'	6"	PVC PIPE	1.00%
		157.1'		3:00 RT	600.77	600.71	33.4'	6"	PVC PIPE	1.00%
		162.9'		2:00 RT	600.76	600.70	33.4'	6"	PVC PIPE	1.00%
		179.7'		10:00 LT	600.73	600.66	STORM SEWER LATERAL TO BE REMOVED			
		200.3'		11:00 LT	600.69	600.62	32.4'	6"	PVC PIPE	1.00%
		206.5'		3:00 RT	600.68	600.60	33.7'	6"	PVC PIPE	1.00%
		213.2'		2:00 RT	600.67	600.59	33.7'	6"	PVC PIPE	1.00%
		224.9'		10:00 LT	600.65	600.56	32.3'	6"	PVC PIPE	1.00%
		262.6'		2:00 RT	600.58	600.48	34.0'	6"	PVC PIPE	1.00%
		290.8'		10:00 LT	600.52	600.42	30.9'	6"	PVC PIPE	1.00%
		299.4'		10:00 LT	600.51	600.40	31.8'	6"	PVC PIPE	1.00%
		309.7'		2:00 RT	600.49	600.37	34.3'	6"	PVC PIPE	1.00%
		352.5'		2:00 RT	600.41	600.28	44.0'	6"	PVC PIPE	1.00%

MANHOLE 8-STA 1026+58.16 TO MANHOLE 9-STA 1028+45.04										
WILMETTE ATLAS MANHOLE 17 TO MANHOLE 11										
PR	EX	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT				
		12"	187.5'	1.82%	600.41	596.99				
		12"	187.5'	0.22%	597.30	596.89				
LATERALS		DIST FROM UP MH	CAPPED	TAP AT:	INVERT ALONG EX PIPE	INVERT ALONG PR PIPE	DISTANCE TO ROW	SIZE	MATERIAL	CHANGE IN INVERT ELEV
		61.3'		1:00 RT	599.29	597.17	33.7'	6"	PVC PIPE	1.00%
		124.0'		1:00 RT	598.15	597.03	33.4'	6"	PVC PIPE	1.00%
		129.5'		10:00 LT	598.05	597.02	STORM SEWER LATERAL TO BE REMOVED			

MANHOLE 9-STA 1028+45.04 TO MANHOLE 10-STA 1031+16.81										
WILMETTE ATLAS MANHOLE 11 MANHOLE 10A										
PR	EX	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT				
		15"	268.0'	0.15%	596.87	596.47				
		15"	268.0'	0.15%	596.87	596.47				
LATERALS		DIST FROM UP MH	CAPPED	TAP AT:	INVERT ALONG EX PIPE	INVERT ALONG PR PIPE	DISTANCE TO ROW	SIZE	MATERIAL	CHANGE IN INVERT ELEV
		32.3'		10:00 LT	596.82	596.82	32.9'	6"	PVC PIPE	1.00%
		36.2'		10:00 LT	596.82	596.82	STORM SEWER LATERAL TO BE REMOVED			
		40.4'		1:00 RT	596.81	596.81	STORM SEWER LATERAL TO BE REMOVED			
		67.6'		2:00 RT	596.77	596.77	33.3'	6"	PVC PIPE	1.00%
		120.2'		2:00 RT	596.69	596.69	33.5'	6"	PVC PIPE	1.00%
		140.2'		2:00 RT	596.66	596.66	33.5'	6"	PVC PIPE	1.00%
		157.5'		11:00 LT	596.63	596.63	32.4'	6"	PVC PIPE	1.00%
		159.4'		11:00 LT	596.63	596.63	32.4'	6"	PVC PIPE	1.00%
		173.9'		2:00 RT	596.61	596.61	33.3'	6"	PVC PIPE	1.00%
		217.4'		2:00 RT	596.55	596.55	33.8'	6"	PVC PIPE	1.00%
		240.7'		1:00 RT	596.51	596.51	33.9'	6"	PVC PIPE	1.00%

MANHOLE 12-STA 1032+61.96 TO MANHOLE 13-STA 1033+40.15										
WILMETTE ATLAS MANHOLE 12 TO MANHOLE 13										
PR	EX	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT				
		15"	74.0'	0.16%	596.00	595.88				
		15"	74.0'	0.31%	596.00	595.77				
LATERALS		DIST FROM UP MH	CAPPED	TAP AT:	INVERT ALONG EX PIPE	INVERT ALONG PR PIPE	DISTANCE TO ROW	SIZE	MATERIAL	CHANGE IN INVERT ELEV
		44.2'		10:00 LT	595.93	595.86	CAPPED			
		71.2'		12:00 N/A	595.88	595.78	40.5'	6"	PVC PIPE	1.00%

MANHOLE 13-STA 1033+40.15 TO MANHOLE 14-STA 1035+49.46										
WILMETTE ATLAS MANHOLE 2 TO MANHOLE 1										
PR	EX	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT				
		15"	205.0'	0.24%	595.79	595.29				
		15"	205.0'	0.25%	595.77	595.26				
LATERALS		DIST FROM UP MH	CAPPED	TAP AT:	INVERT ALONG EX PIPE	INVERT ALONG PR PIPE	DISTANCE TO ROW	SIZE	MATERIAL	CHANGE IN INVERT ELEV
		17.0'		10:00 LT	596.84	596.84	CAPPED			
		28.9'		12:00 N/A	596.83	596.83	40.5'	6"	PVC PIPE	1.00%
		40.0'		1:00 RT	596.81	596.81	39.4'	6"	PVC PIPE	1.00%
		42.0'		2:00 RT	596.81	596.81	CAPPED			
		45.0'		10:00 LT	596.80	596.80	CAPPED			
		87.5'		12:00 N/A	596.74	596.74	STORM SEWER LATERAL TO BE REMOVED			
		95.9'		10:00 LT	596.73	596.73	40.5'	6"	PVC PIPE	1.00%
		98.3'		12:00 N/A	596.72	596.72	STORM SEWER LATERAL TO BE REMOVED			
		117.1'		1:00 RT	596.70	596.70	39.3'	6"	PVC PIPE	1.00%
		144.9'		11:00 LT	596.65	596.65	40.5'	6"	PVC PIPE	1.00%
		147.3'		10:00 LT	596.65	596.65	CAPPED			
		169.9'		1:00 RT	596.62	596.62	39.4'	6"	PVC PIPE	1.00%
		199.0'		11:00 LT	596.57	596.57	40.8'	6"	PVC PIPE	1.00%
		199.0'		10:00 LT	596.57	596.57	CAPPED			

MANHOLE 14-STA 1035+49.46 TO MANHOLE 15-STA 1037+59.11										
WILMETTE ATLAS MANHOLE 1 TO MANHOLE 11										
PR	EX	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT				
		15"	206.0'	0.27%	595.28	594.73				
		15"	206.0'	0.26%	595.26	594.73				
LATERALS		DIST FROM UP MH	CAPPED	TAP AT:	INVERT ALONG EX PIPE	INVERT ALONG PR PIPE	DISTANCE TO ROW	SIZE	MATERIAL	CHANGE IN INVERT ELEV
		28.0'		11:00 LT	595.21	595.19	40.5'	6"	PVC PIPE	1.00%
		31.3'		2:00 RT	595.20	595.18	39.4'	6"	PVC PIPE	1.00%
		55.3'		12:00 N/A	595.13	595.12	40.5'	6"	PVC PIPE	1.00%
		78.4'		11:00 LT	595.07	595.06	40.5'	6"	PVC PIPE	1.00%
		163.0'		10:00 LT	594.84	594.84	39.8'	6"	PVC PIPE	1.00%
		176.3'		10:00 LT	594.81	594.81	STORM SEWER LATERAL TO BE REMOVED			
		176.3'		2:00 RT	594.81	594.81	STORM SEWER LATERAL TO BE REMOVED			
		180.3'		2:00 RT	594.80	594.80	39.9'	6"	PVC PIPE	1.00%

MANHOLE 15-STA 1037+59.11 TO MANHOLE 17-STA 1039+67.22										
WILMETTE ATLAS MANHOLE 11 TO MANHOLE 9										
PR	EX	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT				
		15"	203.5'	0.33%	594.70	594.03				
		15"	203.5'	0.33%	594.70	594.03				
LATERALS		DIST FROM UP MH	CAPPED	TAP AT:	INVERT ALONG EX PIPE	INVERT ALONG PR PIPE	DISTANCE TO ROW	SIZE	MATERIAL	CHANGE IN INVERT ELEV
		20.8'		11:00 LT	594.63	594.63	39.5'	6"	PVC PIPE	1.00%
		27.5'		10:00 LT	594.61	594.61	CAPPED			
		66.3'		11:00 LT	594.48	594.48	39.5'	6"	PVC PIPE	1.00%
		72.7'		10:00 LT	594.46	594.46	CAPPED			
		95.3'		2:00 RT	594.39	594.39	STORM SEWER LATERAL TO BE REMOVED			
		111.8'		10:00 LT	594.33	594.33	STORM SEWER LATERAL TO BE REMOVED			
		123.2'		10:00 LT	594.29	594.29	39.5'	6"	PVC PIPE	1.00%
		128.3'		10:00 LT						

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-PP	COOK	246	16
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

MANHOLE 18-STA 1041+74.26 TO MANHOLE 19-STA 1043+89.01 WILMETTE ATLAS MANHOLE 8 TO MANHOLE 7										
PR EX	PIPE SIZE		PIPE LENGTH	SLOPE	UP INVERT		DOWN INVERT			
	24"	210.0'	0.37%		593.22	592.44				
LATERALS	PIPE SIZE		PIPE LENGTH	SLOPE	UP INVERT		DOWN INVERT			
	24"	210.0'	0.37%		593.22	592.44				
	DIST FROM UP MH	CAPPED	TAP AT:	INVERT ALONG EX PIPE	INVERT ALONG PR PIPE	DISTANCE TO ROW	SIZE	MATERIAL	SLOPE	CHANGE IN INVERT ELEV
81	12.2'	- - -	11:00 LT	593.17	593.17	39.6'	6"	PVC PIPE	1.00%	0.00
82	24.6'	- - -	12:00 N/A	593.13	593.13	39.7'	6"	PVC PIPE	1.00%	0.00
83	72.0'	- - -	1:00 RT	592.95	592.95	40.5'	6"	PVC PIPE	1.00%	0.00
84	77.2'	- - -	11:00 LT	592.93	592.93	39.8'	6"	PVC PIPE	1.00%	0.00
85	83.6'	- - -	3:00 RT	592.91	592.91	40.5'	6"	PVC PIPE	1.00%	0.00
86	125.0'	- - -	12:00 N/A	592.76	592.76	39.9'	6"	PVC PIPE	1.00%	0.00
87	173.9'	- - -	2:00 RT	592.57	592.57	39.5'	6"	PVC PIPE	1.00%	0.00
88	175.1'	- - -	10:00 LT	592.57	592.57	40.5'	6"	PVC PIPE	1.00%	0.00

MANHOLE 19-STA 1043+89.01 TO MANHOLE 20-STA 1046+08.70 WILMETTE ATLAS MANHOLE 7 TO MANHOLE 6										
PR EX	PIPE SIZE		PIPE LENGTH	SLOPE	UP INVERT		DOWN INVERT			
	24"	215.0'	1.87%		592.44	588.43				
LATERALS	PIPE SIZE		PIPE LENGTH	SLOPE	UP INVERT		DOWN INVERT			
	24"	215.0'	1.87%		592.44	588.43				
	DIST FROM UP MH	CAPPED	TAP AT:	INVERT ALONG EX PIPE	INVERT ALONG PR PIPE	DISTANCE TO ROW	SIZE	MATERIAL	SLOPE	CHANGE IN INVERT ELEV
89	5.1'	- - -	1:00 RT	592.34	592.34	39.5'	6"	PVC PIPE	1.00%	0.00
90	5.1'	- - -	11:00 LT	592.34	592.34	40.5'	6"	PVC PIPE	1.00%	0.00
91	39.7'	- - -	1:00 RT	591.70	591.70	39.5'	6"	PVC PIPE	1.00%	0.00
92	55.0'	- - -	11:00 LT	591.41	591.41	40.5'	6"	PVC PIPE	1.00%	0.00
93	57.3'	- - -	10:00 LT	591.37	591.37	40.5'	6"	PVC PIPE	1.00%	0.00
94	106.7'	- - -	12:00 RT	590.45	590.45	39.9'	6"	PVC PIPE	1.00%	0.00
95	108.2'	- - -	9:00 LT	590.42	590.42	40.0'	6"	PVC PIPE	1.00%	0.00
96	152.4'	- - -	12:00 LT	589.60	589.60					STORM SEWER LATERAL TO BE REMOVED
97	163.5'	- - -	1:00 RT	589.39	589.39	19.6'	6"	PVC PIPE	1.00%	0.00
	215.6'	CAPPED	3:00 RT	588.42	588.42					CAPPED
98	215.7'	- - -	9:00 LT	588.42	588.42	42.2'	6"	PVC PIPE	1.00%	0.00

MANHOLE 21-STA 1046+60.52 TO MANHOLE 22-STA 1043+83.69 WILMETTE ATLAS MANHOLE 44 TO MANHOLE 43										
PR EX	PIPE SIZE		PIPE LENGTH	SLOPE	UP INVERT		DOWN INVERT			
	10"	219.2	0.53%		599.08	597.92				
LATERALS	PIPE SIZE		PIPE LENGTH	SLOPE	UP INVERT		DOWN INVERT			
	12"	219.2	0.53%		599.08	597.92				
	DIST FROM UP MH	CAPPED	TAP AT:	INVERT ALONG EX PIPE	INVERT ALONG PR PIPE	DISTANCE TO ROW	SIZE	MATERIAL	SLOPE	CHANGE IN INVERT ELEV
99	12.2'	- - -	9:00 LT	599.02	599.02	40.5'	6"	PVC PIPE	1.00%	0.00
	15.5'	CAPPED	10:00 LT	599.00	599.00					CAPPED
10	63.9'	- - -	9:00 RT	598.74	598.74	40.6'	6"	PVC PIPE	1.00%	0.00
	92.6'	CAPPED	2:00 RT	598.59	598.59					CAPPED
101	94.6'	- - -	1:00 RT	598.58	598.58	39.4'	6"	PVC PIPE	1.00%	0.00
102	115.5'	- - -	10:00 LT	598.47	598.47	40.8'	6"	PVC PIPE	1.00%	0.00
103	132.0'	- - -	11:00 LT	598.38	598.38					STORM SEWER LATERAL TO BE REMOVED
104	137.0'	- - -	1:00 RT	598.36	598.36					STORM SEWER LATERAL TO BE REMOVED
	140.5'	CAPPED	2:00 RT	598.34	598.34					CAPPED
105	143.1'	- - -	1:00 RT	598.32	598.32	39.2'	6"	PVC PIPE	1.00%	0.00
	166.2'	CAPPED	10:00 LT	598.20	598.20					CAPPED
106	170.0'	- - -	2:00 RT	598.18	598.18	39.0'	6"	PVC PIPE	1.00%	0.00
	188.7'	CAPPED	11:00 LT	598.08	598.08					CAPPED
	218.0'	CAPPED	2:00 RT	597.93	597.93					CAPPED
107	220.5'	- - -	2:00 RT	597.91	597.91	38.9'	6"	PVC PIPE	1.00%	0.00
108	220.5'	- - -	9:00 LT	597.91	597.91	41.1'	6"	PVC PIPE	1.00%	0.00

MANHOLE 22-STA 1043+83.69 TO MANHOLE 23-STA 1050+72.65 WILMETTE ATLAS MANHOLE 43 TO MANHOLE 42										
PR EX	PIPE SIZE		PIPE LENGTH	SLOPE	UP INVERT		DOWN INVERT			
	10"	185	0.58%		597.92	596.84				
LATERALS	PIPE SIZE		PIPE LENGTH	SLOPE	UP INVERT		DOWN INVERT			
	12"	185	0.58%		597.92	596.84				
	DIST FROM UP MH	CAPPED	TAP AT:	INVERT ALONG EX PIPE	INVERT ALONG PR PIPE	DISTANCE TO ROW	SIZE	MATERIAL	SLOPE	CHANGE IN INVERT ELEV
109	42.1'	- - -	10:00 LT	597.67	597.67	41.2'	6"	PVC PIPE	1.00%	0.00
	42.3'	CAPPED	2:00 RT	597.67	597.67					CAPPED
110	89.3'	- - -	2:00 RT	597.40	597.40	39.0'	6"	PVC PIPE	1.00%	0.00
111	92.4'	- - -	10:00 LT	597.38	597.38	41.0'	6"	PVC PIPE	1.00%	0.00
	93.7'	CAPPED	11:00 LT	597.37	597.37					CAPPED
112	108.0'	- - -	11:00 LT	597.29	597.29					STORM SEWER LATERAL TO BE REMOVED
113	111.8'	- - -	2:00 RT	597.27	597.27					STORM SEWER LATERAL TO BE REMOVED
114	123.6'	- - -	1:00 RT	597.20	597.20	38.8'	6"	PVC PIPE	1.00%	0.00
115	141.3'	- - -	10:00 LT	597.10	597.10	41.0'	6"	PVC PIPE	1.00%	0.00
	144.3'	CAPPED	10:00 LT	597.08	597.08					CAPPED
116	144.9'	- - -	1:00 RT	597.07	597.07	39.1'	6"	PVC PIPE	1.00%	0.00
	163.2'	CAPPED	2:00 RT	596.97	596.97					CAPPED
117	163.9'	- - -	2:00 RT	596.96	596.96	39.1'	6"	PVC PIPE	1.00%	0.00

MANHOLE 23-STA 1050+72.65 TO MANHOLE 24-STA 1052+83.44 WILMETTE ATLAS MANHOLE 42 TO MANHOLE 41										
PR EX	PIPE SIZE		PIPE LENGTH	SLOPE	UP INVERT		DOWN INVERT			
	10"	207	0.79%		596.84	595.21				
LATERALS	PIPE SIZE		PIPE LENGTH	SLOPE	UP INVERT		DOWN INVERT			
	12"	207	0.68%		596.84	595.43				
	DIST FROM UP MH	CAPPED	TAP AT:	INVERT ALONG EX PIPE	INVERT ALONG PR PIPE	DISTANCE TO ROW	SIZE	MATERIAL	SLOPE	CHANGE IN INVERT ELEV
	4.0'	CAPPED	10:00 LT	596.81	596.81					CAPPED
118	5.3'	- - -	10:00 LT	596.80	596.80	41.0'	6"	PVC PIPE	1.00%	-0.01
	24.8'	CAPPED	2:00 RT	596.64	596.67					CAPPED
119	28.1'	- - -	2:00 RT	596.62	596.65	38.7'	6"	PVC PIPE	1.00%	-0.03
	50.6'	CAPPED	10:00 LT	596.44	596.50					CAPPED
	52.7'	CAPPED	2:00 RT	596.43	596.48					CAPPED
120	54.7'	- - -	10:00 LT	596.41	596.47	41.9'	6"	PVC PIPE	1.00%	-0.06
	102.0'	CAPPED	10:00 LT	596.04	596.15					CAPPED
	104.3'	CAPPED	2:00 RT	596.02	596.13					CAPPED
121	104.3'	- - -	10:00 LT	596.02	596.13	42.6'	6"	PVC PIPE	1.00%	-0.11
122	127.4'	- - -	10:00 LT	595.84	595.97					STORM SEWER LATERAL TO BE REMOVED
123	132.3'	- - -	2:00 RT	595.80	595.94					STORM SEWER LATERAL TO BE REMOVED
124	134.4'	- - -	2:00 RT	595.78	595.92	43.1'	6"	PVC PIPE	1.00%	-0.14
125	153.7'	- - -	11:00 LT	595.63	595.79	43.4'	6"	PVC PIPE	1.00%	-0.16
126	192.2'	- - -	2:00 RT	595.33	595.53	37.2'	6"	PVC PIPE	1.00%	-0.20

MANHOLE 25-STA 1055+30.39 TO MANHOLE 24-STA 1052+83.44 WILMETTE ATLAS MANHOLE 45 TO MANHOLE 41										
PR EX	PIPE SIZE		PIPE LENGTH	SLOPE	UP INVERT		DOWN INVERT			
	10"	243	0.21%		595.73	595.21				
LATERALS	PIPE SIZE		PIPE LENGTH	SLOPE	UP INVERT		DOWN INVERT			
	12"	243	0.22%		595.96	595.43				
	DIST FROM UP MH	CAPPED	TAP AT:	INVERT ALONG EX PIPE	INVERT ALONG PR PIPE	DISTANCE TO ROW	SIZE	MATERIAL	SLOPE	CHANGE IN INVERT ELEV
127	9.3'	- - -	10:00 RT	595.71	595.94	39.0'	6"	PVC PIPE	1.00%	-0.23
	30.3'	CAPPED	1:00 LT	595.67	595.89					CAPPED
128	32.9'	- - -	1:00 LT	595.66	595.89	41.4'	6"	PVC PIPE	1.00%	-0.23
129	43.5'	- - -	10:00 RT	595.64	595.87	38.5'	6"	PVC PIPE	1.00%	-0.23
	51.5'	CAPPED	10:00 RT	595.62	595.85					CAPPED
130	66.1'	- - -	2:00 LT	595.59	595.82	41.5'	6"	PVC PIPE	1.00%	-0.23
	72.7'	CAPPED	2:00 LT	595.57	595.80					CAPPED
	91.3'	CAPPED	10:00 RT	595.53	595.76					CAPPED
131	93.9'	- - -	10:00 RT	595.53	595.76	37.7'	6"	PVC PIPE	1.00%	-0.23
	113.0'	CAPPED	2:00 LT	595.49	595.71					CAPPED
132	116.3'	- - -	2:00 LT	595.48	595.71	42.5'	6"	PVC PIPE	1.00%	-0.23
	141.5'	CAPPED	10:00 RT	595.43	595.65					CAPPED
	154.3'	CAPPED	10:00 RT	595.40	595.62					CAPPED
	184.5'	CAPPED	10:00 RT	595.34	595.56					CAPPED
133	194.7'	- - -	10:00 RT	595.31	595.54	36.5'	6"	PVC PIPE	1.00%	-0.22

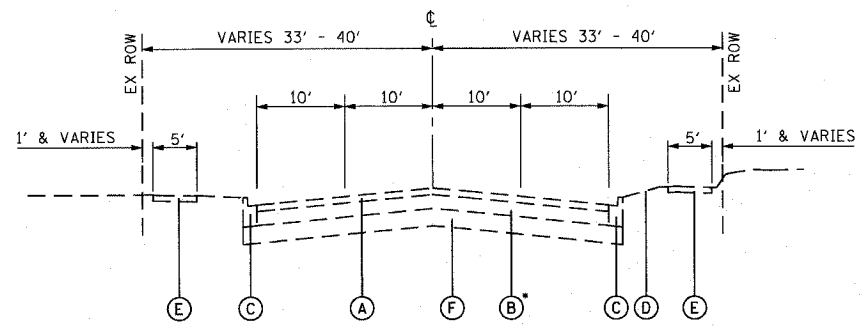
MANHOLE 26-STA 1057+78.92 TO MANHOLE 25-STA 1055+30.39 WILMETTE ATLAS MANHOLE 46 TO MANHOLE 45										
PR EX	PIPE SIZE		PIPE LENGTH	SLOPE	UP INVERT		DOWN INVERT			
	10"	244.5	0.21%		596.25	595.73				
LATERALS	PIPE SIZE		PIPE LENGTH	SLOPE	UP INVERT		DOWN INVERT			
	12"	244.5	0.22%		596.50	595.96				
	DIST FROM UP MH	CAPPED	TAP AT:	INVERT ALONG EX PIPE	INVERT ALONG PR PIPE	DISTANCE TO ROW	SIZE	MATERIAL	SLOPE	CHANGE IN INVERT ELEV
134	13.4'	- - -	10:00 RT	596.22	596.47	39.5'	6"	PVC PIPE	1.00%	-0.25
135	34.2'	- - -	2:00 LT	596.18	596.42	40.5'	6"	PVC PIPE	1.00%	-0.25
	55.7'	CAPPED	10:00 RT	596.13	596.38					CAPPED
136	59.3'	- - -	10:00 LT	596.12	596.37					STORM SEWER LATERAL TO BE REMOVED
	74.5'	CAPPED	2:00 LT	596.09	596.34					CAPPED
137	95.3'	- - -	11:00 RT	596.05	596.29	39.4'	6"	PVC PIPE	1.00%	-0.24
138	116.6'	- - -	2:00 LT	596.00	596.24	40.5'	6"	PVC PIPE	1.00%	-0.24
	137.2'	CAPPED	10:00 RT	595.96	596.20					CAPPED
139	158.2'	- - -	2:00 LT	595.91	596.15	40.5'	6"	PVC PIPE	1.00%	-0.24
140	177.3'	- - -	2:00 LT	595						







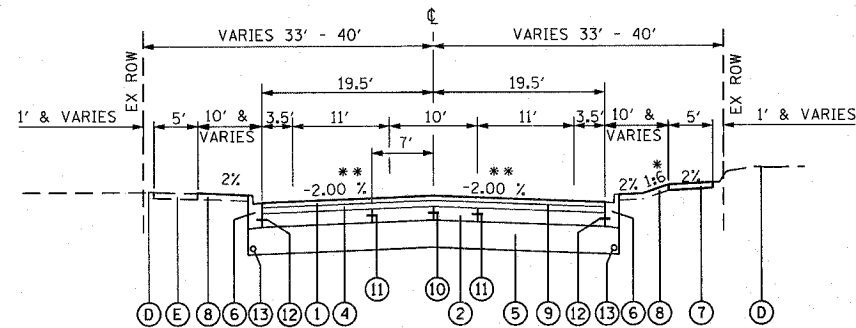
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FF	COOK	246	19
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		



BRICK PAVERS FOUND APPROX. STA. 1086+00 TO STA. 1103+83.65  
SEE GEOTECH REPORT FOR MORE INFORMATION  
REPORT AVAILABLE AT VILLAGE OF WILMETTE ENGINEERING DEPT.  
1200 WILMETTE AVENUE, DURING NORMAL BUSINESS HOURS

**EXISTING TYPICAL SECTION**

SHERIDAN ROAD  
STATION 1004+42.60 TO 1103+83.65

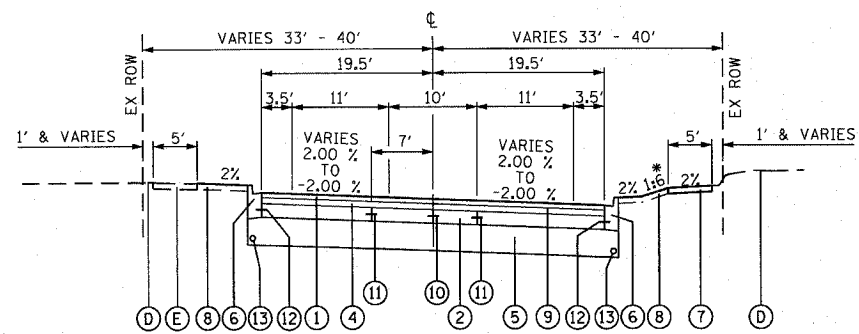


**PROPOSED TYPICAL SECTION**

SHERIDAN ROAD  
STATION 1004+42.60 TO 1103+83.65

\*SLOPE AWAY FROM ROAD IN FILL SECTIONS  
SLOPE TOWARD ROAD IN CUT SECTIONS

\*\*CROSS SLOPE VARIES  
STATION 1098+67 TO 1099+97 LT  
STATION 1101+28 TO 1102+67 LT  
STATION 1097+66 TO 1102+67 RT  
SEE PLAN & PROFILE SHEETS FOR DETAILS



**PROPOSED SUPERELEVATED TYPICAL SECTION**

SHERIDAN ROAD  
STATION 1012+20.46 TO 1018+63.72  
STATION 1025+28.54 TO 1027+88.55  
STATION 1030+53.22 TO 1033+12.45  
STATION 1065+79.12 TO 1070+98.07  
STATION 1076+52.86 TO 1083+50.06  
SEE SHEETS NO. 38 TO 41 FOR SUPERELEVATION PROFILES

\*SLOPE AWAY FROM ROAD IN FILL SECTIONS  
SLOPE TOWARD ROAD IN CUT SECTIONS

**EXISTING LEGEND**

- (A) HOT-MIX ASPHALT BINDER AND SURFACE COURSES (3" AND VARIES)
  - (B) PORTLAND CEMENT CONCRETE PAVEMENT (7" AND VARIES)
  - (C) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
  - (D) GROUND SURFACE (ASSUME EXISTING TOPSOIL DEPTH 4")
  - (E) PORTLAND CEMENT CONCRETE SIDEWALK (5")
  - (F) AGGREGATE BASE COURSE (7" AND VARIES)
  - (G) HOT-MIX ASPHALT BINDER AND SURFACE COURSES (4" AND VARIES)
  - (H) PORTLAND CEMENT CONCRETE PAVEMENT (8" AND VARIES)
  - (I) AGGREGATE BASE COURSE (8" AND VARIES)
- NOTE: ASSUME EXISTING DRIVEWAY THICKNESS 8"

**PROPOSED LEGEND**

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 - 1 1/2"
- (2) PORTLAND CEMENT CONCRETE BASE COURSE 7 1/2"
- (3) PORTLAND CEMENT CONCRETE BASE COURSE 6"
- (4) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 - 2 1/2"
- (5) AGGREGATE SUBGRADE 12"
- (6) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- (7) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH SUB-BASE GRANULAR MATERIAL, TYPE B, 4" (INCLUDED IN THE COST OF PCC SW 5 INCH)
- (8) TOPSOIL FURNISH AND PLACE, 4" SODDING, SALT TOLERANT NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT PHOSPHOROUS FERTILIZER NUTRIENT
- (9) BITUMINOUS MATERIALS (PRIME COAT)
- (10) LONGITUDINAL SAWED JOINT (NO. 6 X 30" EPOXY COATED TIE BARS @ 30" CTS) (STANDARD 420001) (INCLUDED IN THE COST OF PCC BASE COURSE)
- (11) LONGITUDINAL CONSTRUCTION JOINT TIE BAR FORMED IN PLACE (NO. 6 X 30" EPOXY COATED TIE BARS @ 24" CTS) (STANDARD 420001) (INCLUDED IN THE COST OF PCC BASE COURSE)
- (12) LONGITUDINAL CONSTRUCTION JOINT TIE BAR GROUTED IN PLACE (NO. 6 X 24" EPOXY COATED TIE BARS @ 24" CTS) (STANDARD 606001) (INCLUDED IN THE COST OF COMBINATION CURB & GUTTER)
- (13) PIPE UNDERDRAINS 4"
- (14) HOT-MIX ASPHALT SHOULDERS, 6"

**SHERIDAN ROAD**

STRUCTURAL DESIGN TRAFFIC:	YEAR 2017
PV= 16,354	SU= 511 MU= 170
ROAD/STREET CLASSIFICATION:	CLASS 2
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P= 100% S= 100% M= 100%	
TRAFFIC FACTOR:	ACTUAL TF= 1.68 AC TYPE= PG 64-22
	MINIMUM TF= NONE
THICKNESS BINDER= 2.5"	SURFACE= 1.5"
PCC BASE COURSE THICKNESS= 7.5"	
SUBGRADE SUPPORT RATING:	SSR= POOR

**HMA MIX REQUIREMENT CHART**

DESCRIPTION	AC TYPE	VOIDS
HMA SURFACE COURSE, MIX "D", N70	PG 64-22	4% @ 70 GYRATIONS
HMA BINDER COURSE, IL-19.0, N70	PG 64-22/58-22	4% @ 70 GYRATIONS
DRIVEWAYS		
HMA SURFACE COURSE, MIX "C", N50	PG 64-22	4% @ 50 GYRATIONS
HMA BASE COURSE (HMA BINDER IL - 19mm)	PG 64-22/58-22	4% @ 50 GYRATIONS
TEMPORARY PAVEMENT		
HMA BASE COURSE (HMA BINDER IL - 19mm)	PG 64-22/58-22	4% @ 50 GYRATIONS
CLASS D PATCHES (HMA BINDER IL - 19mm)	PG 64-22/58-22	4% @ 70 GYRATIONS
HMA SHOULDERS	PG 64-22/58-22	2% @ 30 GYRATIONS

NOTES: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURES IS 112 LBS/SQ YD/IN. WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		TYPICAL SECTIONS SHERIDAN ROAD ISABELLA STREET DATE 7/13/07 DRAWN BY LTD CHECKED BY BJL

PLOT DATE = 7/12/2007  
 PLOT SCALE = 1/8" = 1'-0"  
 USER NAME = bjh@idm.com

1001 PERIMETER DRIVE, SUITE 1025  
 SCHAMBERG, ILLINOIS 60173  
 (847) 605-9600



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	20
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

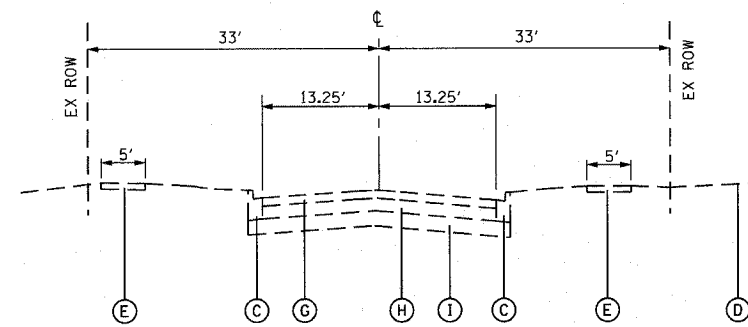
**EXISTING LEGEND**

- (A) HOT-MIX ASPHALT BINDER AND SURFACE COURSES (3" AND VARIES)
- (B) PORTLAND CEMENT CONCRETE PAVEMENT (7" AND VARIES)
- (C) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- (D) GROUND SURFACE (ASSUME EXISTING TOPSOIL DEPTH 4")
- (E) PORTLAND CEMENT CONCRETE SIDEWALK (5")
- (F) AGGREGATE BASE COURSE (7" AND VARIES)
- (G) HOT-MIX ASPHALT BINDER AND SURFACE COURSES (4" AND VARIES)
- (H) PORTLAND CEMENT CONCRETE PAVEMENT (8" AND VARIES)
- (I) AGGREGATE BASE COURSE (8" AND VARIES)

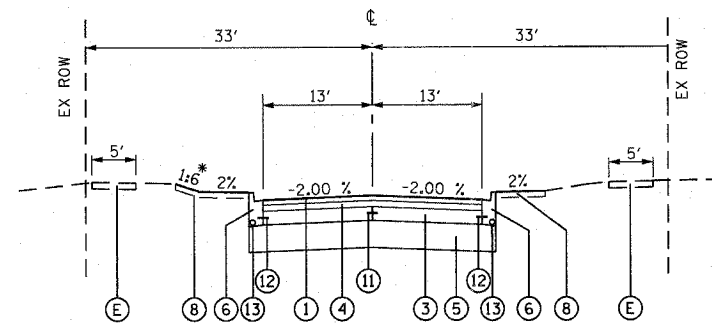
NOTE: ASSUME EXISTING DRIVEWAY THICKNESS 8"

**PROPOSED LEGEND**

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 - 1 1/2"
- (2) PORTLAND CEMENT CONCRETE BASE COURSE 7 1/2"
- (3) PORTLAND CEMENT CONCRETE BASE COURSE 6"
- (4) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 - 2 1/2"
- (5) AGGREGATE SUBGRADE 12"
- (6) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- (7) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH SUB-BASE GRANULAR MATERIAL, TYPE B, 4" (INCLUDED IN THE COST OF PCC SW 5 INCH)
- (8) TOPSOIL FURNISH AND PLACE, 4" SODDING, SALT TOLERANT NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT PHOSPHOROUS FERTILIZER NUTRIENT
- (9) BITUMINOUS MATERIALS (PRIME COAT)
- (10) LONGITUDINAL SAWED JOINT (NO. 6 X 30" EPOXY COATED TIE BARS @ 30" CTS) (STANDARD 42000) (INCLUDED IN THE COST OF PCC BASE COURSE)
- (11) LONGITUDINAL CONSTRUCTION JOINT TIE BAR FORMED IN PLACE (NO. 6 X 30" EPOXY COATED TIE BARS @ 24" CTS) (STANDARD 42000) (INCLUDED IN THE COST OF PCC BASE COURSE)
- (12) LONGITUDINAL CONSTRUCTION JOINT TIE BAR GROUTED IN PLACE (NO. 6 X 24" EPOXY COATED TIE BARS @ 24" CTS) (STANDARD 60600) (INCLUDED IN THE COST OF COMBINATION CURB & GUTTER)
- (13) PIPE UNDERDRAINS 4"
- (14) HOT-MIX ASPHALT SHOULDERS, 6"

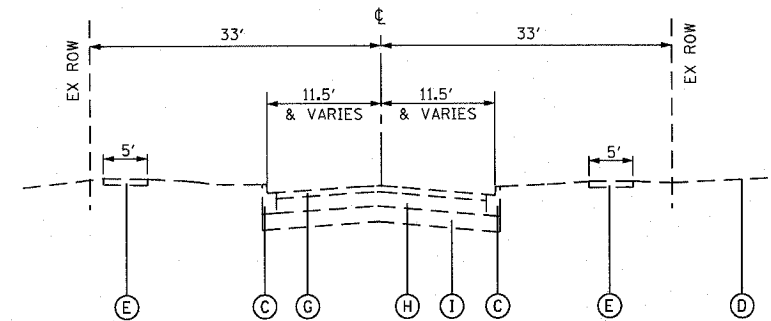


**EXISTING TYPICAL SECTION**  
ISABELLA STREET  
STATION 4088+74.25 TO 4096+21.36

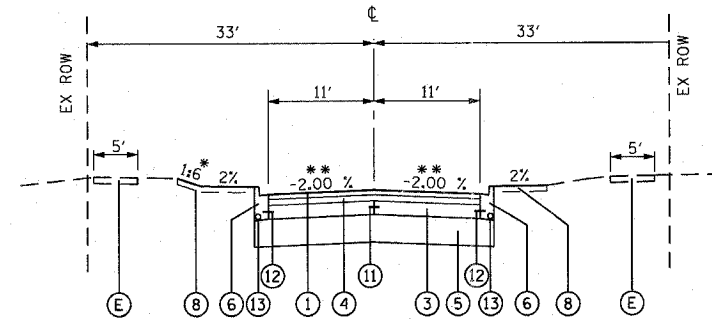


**PROPOSED TYPICAL SECTION**  
ISABELLA STREET  
STATION 4088+74.25 TO 4096+21.36

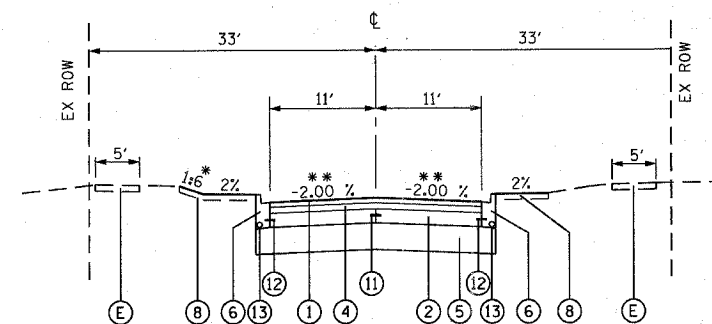
\* SLOPE AWAY FROM ROAD IN FILL SECTIONS  
SLOPE TOWARD ROAD IN CUT SECTIONS



**EXISTING TYPICAL SECTION**  
ISABELLA STREET  
STATION 4096+21.36 TO 4104+58.70



**PROPOSED TYPICAL SECTION**  
ISABELLA STREET  
STATION 4096+21.36 TO 4102+59.25



**PROPOSED TYPICAL SECTION**  
ISABELLA STREET  
STATION 4102+59.25 TO 4104+58.70

\* SLOPE AWAY FROM ROAD IN FILL SECTIONS  
SLOPE TOWARD ROAD IN CUT SECTIONS  
\*\* CROSS SLOPE VARIES STA 4101+78 TO STA 4102+54 LT STA 4103+50 TO STA 4104+58.70 LT & RT SEE PLAN & PROFILE SHEETS FOR DETAILS

PLT DATE = 7/12/2007  
FILE NAME = C:\Users\bjohnson\Documents\Road\83964\Road\83964.dwg  
PLT SCALE = 1/8" = 1'-0"  
USER NAME = bjohnson

1051 PERIMETER DRIVE, SUITE 1026  
SCHALMERSBURG, ILLINOIS 60173  
(817) 605-9600

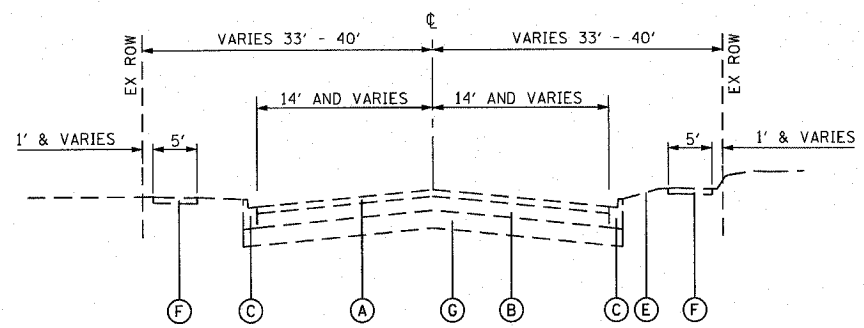


**ISABELLA STREET**

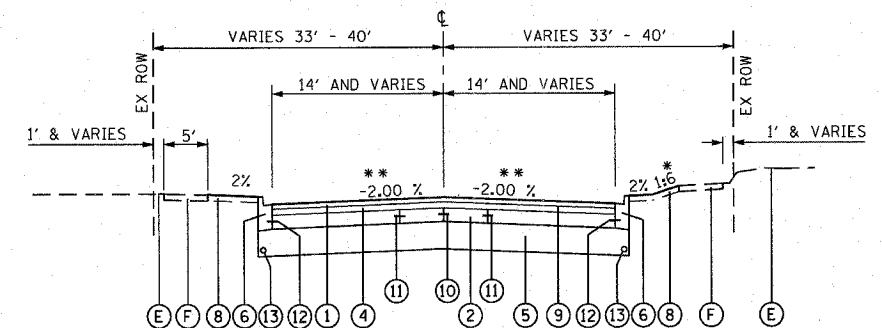
STRUCTURAL DESIGN TRAFFIC:	YEAR 2017		
	PV= 2,208	SU= 69	MU= 23
ROAD/STREET CLASSIFICATION:	CLASS 2		
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:			
	P= 100%	S= 100%	M= 100%
TRAFFIC FACTOR:	ACTUAL TF= 0.22	AC TYPE= PG 64-22	
	MINIMUM TF= NONE		
THICKNESS BINDER=	2.5"	SURFACE= 1.5"	
PCC BASE COURSE THICKNESS=	6"		
SUBGRADE SUPPORT RATING:	SSR= POOR		

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		TYPICAL SECTIONS SHERIDAN ROAD ISABELLA STREET DATE 7/13/07 NO SCALE DRAWN BY LTD CHECKED BY BJL

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	21
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	



**EXISTING TYPICAL SECTION**  
LAKE AVENUE  
STATION 3049+30.00 TO 3052+50.00



**PROPOSED TYPICAL SECTION**  
LAKE AVENUE  
STATION 3049+30.00 TO 3052+50.00  
\* SLOPE AWAY FROM ROAD IN FILL SECTIONS  
SLOPE TOWARD ROAD IN CUT SECTIONS  
\*\* CROSS SLOPE VARIES STATION 3051+00 TO 3052+50 RT  
SEE PLAN & PROFILE SHEETS FOR DETAILS

**EXISTING LEGEND**

- (A) HOT-MIX ASPHALT BINDER AND SURFACE COURSES (3" AND VARIES)
  - (B) PORTLAND CEMENT CONCRETE PAVEMENT (7" AND VARIES)
  - (C) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
  - (D) CONCRETE CURB, TYPE B
  - (E) GROUND SURFACE (ASSUME EXISTING TOPSOIL DEPTH 4")
  - (F) PORTLAND CEMENT CONCRETE SIDEWALK (5")
  - (G) AGGREGATE BASE COURSE (7" AND VARIES)
  - (H) HOT-MIX ASPHALT BINDER AND SURFACE COURSES (4" AND VARIES)
  - (I) PORTLAND CEMENT CONCRETE PAVEMENT (8" AND VARIES)
  - (J) AGGREGATE BASE COURSE (8" AND VARIES)
- NOTE: ASSUME EXISTING DRIVEWAY THICKNESS 8"

**PROPOSED LEGEND**

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 - 1 1/2"
- (2) PORTLAND CEMENT CONCRETE BASE COURSE 7 1/2"
- (3) PORTLAND CEMENT CONCRETE BASE COURSE 6"
- (4) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 - 2 1/2"
- (5) AGGREGATE SUBGRADE 12"
- (6) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- (7) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH GRANULAR LEVELING BASE, 4" (INCLUDED IN THE COST OF PCC SW 5 INCH)
- (8) TOPSOIL FURNISH AND PLACE, 4" SODDING, SALT TOLERANT NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT PHOSPHOROUS FERTILIZER NUTRIENT
- (9) BITUMINOUS MATERIALS (PRIME COAT)
- (10) LONGITUDINAL SAWED JOINT (NO. 6 X 30" EPOXY COATED TIE BARS @ 30" CTS) (STANDARD 420001) (INCLUDED IN THE COST OF PCC BASE COURSE)
- (11) LONGITUDINAL CONSTRUCTION JOINT TIE BAR FORMED IN PLACE (NO. 6 X 30" EPOXY COATED TIE BARS @ 24" CTS) (STANDARD 420001) (INCLUDED IN THE COST OF PCC BASE COURSE)
- (12) LONGITUDINAL CONSTRUCTION JOINT TIE BAR GROUTED IN PLACE (NO. 6 X 24" EPOXY COATED TIE BARS @ 24" CTS) (STANDARD 606001) (INCLUDED IN THE COST OF COMBINATION CURB & GUTTER)
- (13) PIPE UNDERDRAINS 4"
- (14) HOT-MIX ASPHALT SHOULDERS, 6"

PLOT DATE = 7/12/2007  
 PLOT SCALE = 1/8" = 10'-0"  
 USER NAME = bjohnson

1051 PERIMETER DRIVE, SUITE 1025  
 SCHUMBERG, ILLINOIS 60173  
 (847) 605-6600



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

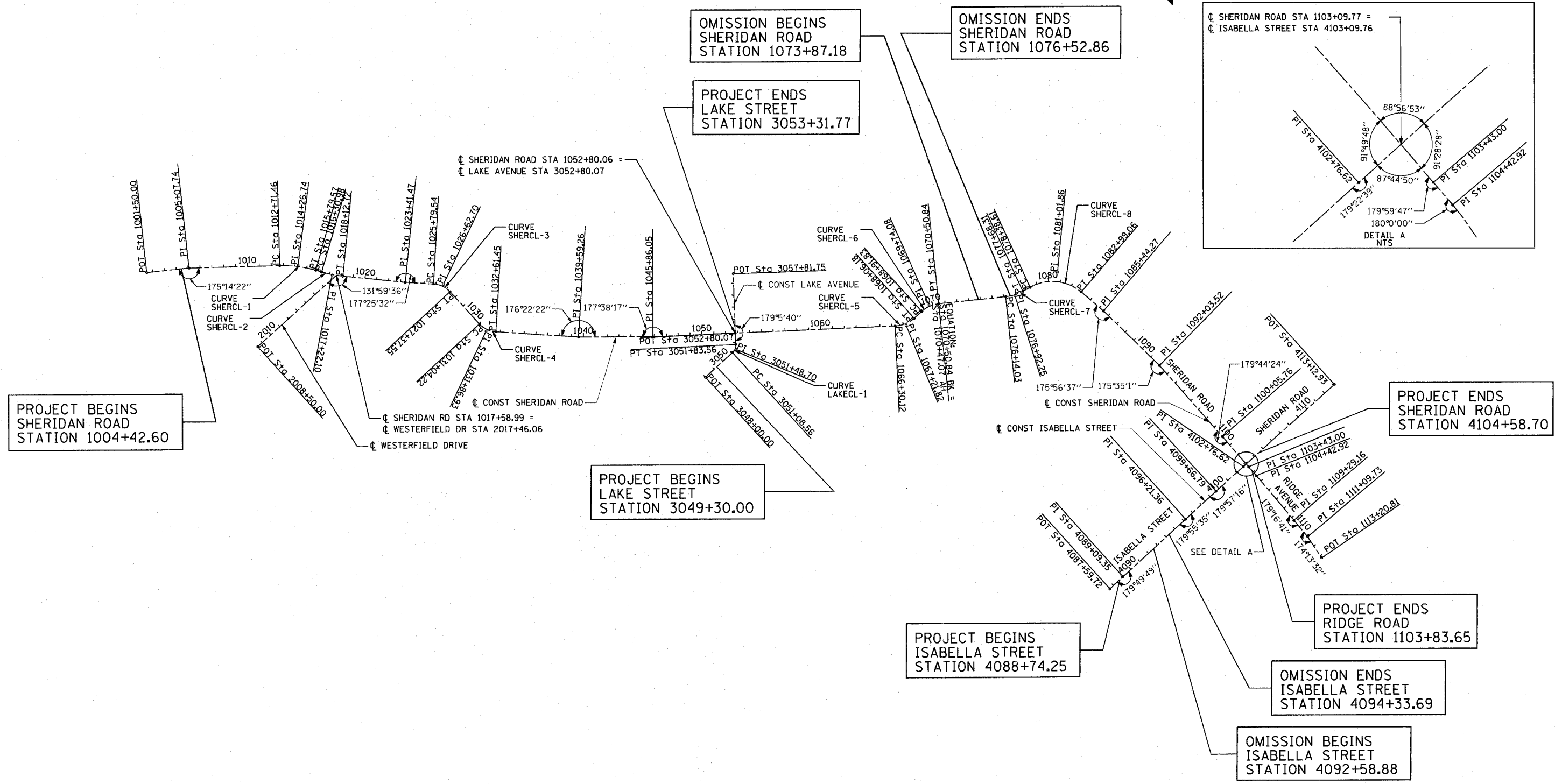
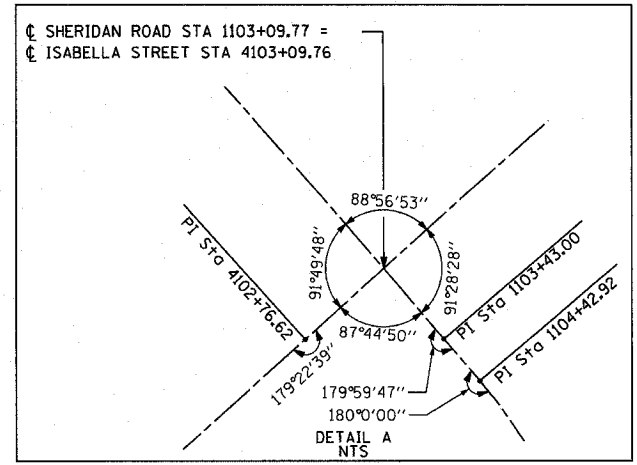
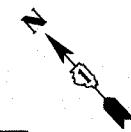
**TYPICAL SECTIONS**  
LAKE AVENUE

DATE 7/13/07  
DRAWN BY LTD  
CHECKED BY BJL

NO SCALE



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	23
STA.	TO STA.			
FED. ROAD DIST. NO. 7	ILLINOIS FED. AID PROJECT			



PLOT DATE = 7/12/07  
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PLOT SCALE = 482.8800 / IN.  
USER NAME = bjoelmen

1081 PERIMETER DRIVE, SUITE 1025  
SCHAMBURG, ILLINOIS 60173  
(847) 605-9600



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SHERIDAN ROAD

DATE 7/13/07  
DRAWN BY LTD  
CHECKED BY BJL

HORIZ. 1"=400'

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FF	COOK	246	24
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

PROPOSED  $\phi$  CURVE DATA

$\phi$  SHERIDAN ROAD  
SHERCL-1  
PI STA = 1014+26.74  
 $\Delta$  = 17° 36' 35" (RT)  
R = 1,002.50'  
T = 155.28'  
L = 308.11'  
E = 11.95'  
 $\theta$  = 2.00%  
TR = 34'  
S.E. RUN. = 34'  
PC STA = 1012+71.46  
PT STA = 1015+79.57

$\phi$  SHERIDAN ROAD  
SHERCL-2  
PI STA = 1017+22.10  
 $\Delta$  = 10° 23' 12" (LT)  
R = 1,002.50'  
T = 91.12'  
L = 181.74'  
E = 4.13'  
 $\theta$  = 2.00%  
TR = 34'  
S.E. RUN. = 34'  
PC STA = 1016+30.98  
PT STA = 1018+12.72

$\phi$  SHERIDAN ROAD  
SHERCL-3  
PI STA = 1026+62.70  
 $\Delta$  = 44° 09' 50" (RT)  
R = 205.00'  
T = 83.17'  
L = 158.02'  
E = 16.23'  
 $\theta$  = 2.00%  
TR = 34'  
S.E. RUN. = 34'  
PC STA = 1025+79.54  
PT STA = 1027+37.55

$\phi$  SHERIDAN ROAD  
SHERCL-4  
PI STA = 1031+86.93  
 $\Delta$  = 43° 56' 44" (LT)  
R = 205.00'  
T = 82.71'  
L = 157.23'  
E = 16.06'  
 $\theta$  = 2.00%  
TR = 34'  
S.E. RUN. = 34'  
PC STA = 1031+04.22  
PT STA = 1032+61.45

$\phi$  SHERIDAN ROAD  
SHERCL-5  
PI STA = 1067+21.82  
 $\Delta$  = 39° 33' 28" (LT)  
R = 255.00'  
T = 91.70'  
L = 176.06'  
E = 15.99'  
 $\theta$  = 2.00%  
TR = 34'  
S.E. RUN. = 34'  
PC STA = 1066+30.12  
PT STA = 1068+06.18

$\phi$  SHERIDAN ROAD  
SHERCL-6  
PI STA = 1069+74.08  
 $\Delta$  = 36° 09' 13" (RT)  
R = 252.00'  
T = 82.25'  
L = 159.01'  
E = 13.08'  
 $\theta$  = 2.00%  
TR = 34'  
S.E. RUN. = 34'  
PC STA = 1068+91.83  
PT STA = 1070+50.84

$\phi$  SHERIDAN ROAD  
SHERCL-7  
PI STA = 1076+92.25  
 $\Delta$  = 23° 15' 46" (LT)  
R = 380.00'  
T = 78.22'  
L = 154.28'  
E = 7.97'  
 $\theta$  = 2.00%  
TR = 34'  
S.E. RUN. = 34'  
PC STA = 1076+14.03  
PT STA = 1077+68.31

$\phi$  SHERIDAN ROAD  
SHERCL-8  
PI STA = 1081+01.86  
 $\Delta$  = 69° 25' 33" (RT)  
R = 380.00'  
T = 263.25'  
L = 460.45'  
E = 82.28'  
 $\theta$  = 2.00%  
TR = 34'  
S.E. RUN. = 34'  
PC STA = 1078+38.61  
PT STA = 1082+99.06

$\phi$  LAKE AVENUE  
LAKECL-1  
PI STA = 3051+48.70  
 $\Delta$  = 50° 33' 09" (LT)  
R = 85.00'  
T = 40.14'  
L = 75.00'  
E = 9.00'  
 $\theta$  = 2.00%  
TR = 34'  
S.E. RUN. = 34'  
PC STA = 3051+08.56  
PT STA = 3051+83.56

COORDINATE INFORMATION

	STATION	CURVE	NORTHING	EASTING
$\phi$ SHERIDAN ROAD				
POT	1001+50.00		1,975,770.00	1,155,149.91
PI	1005+07.74		1,975,557.19	1,155,437.47
PI	1014+26.74	SHERCL-1	1,974,951.09	1,156,128.26
PI	1017+22.10	SHERCL-2	1,974,696.16	1,156,282.21
PI	1023+41.47		1,974,232.00	1,156,693.06
PI	1026+62.70	SHERCL-3	1,974,001.26	1,156,916.56
PI	1031+86.93	SHERCL-4	1,973,468.72	1,156,915.86
PI	1039+59.26		1,972,906.03	1,157,456.78
PI	1045+86.05		1,972,482.56	1,157,918.88
PI	1067+21.82	SHERCL-5	1,971,105.70	1,159,551.59
PI	1069+74.08	SHERCL-6	1,971,103.05	1,159,811.18
PI	1076+92.25	SHERCL-7	1,970,667.95	1,160,394.14
PI	1081+01.86	SHERCL-8	1,970,572.01	1,160,794.58
PI	1085+44.27		1,970,067.45	1,160,857.43
PI	1092+03.52		1,969,409.13	1,160,892.43
PI	1100+05.76		1,968,607.12	1,160,873.21
PI	1103+09.77		1,968,303.23	1,160,864.55
PI	1104+42.92		1,968,170.16	1,160,859.77
LAKE AVENUE				
POT	3048+00.00		1,971,932.56	1,158,013.20
PI	3051+48.70	LAKECL-1	1,971,930.21	1,158,361.90
PI	3052+80.07		1,972,035.15	1,158,449.42
POT	3057+81.75		1,972,415.27	1,158,776.82
ISABELLA STREET				
POT	4087+59.72		1,968,313.78	1,159,314.55
PI	4089+09.35		1,968,313.18	1,159,464.18
PI	4096+21.36		1,968,308.25	1,160,176.18
PI	4099+66.79		1,968,305.42	1,160,521.60
PI	4102+76.62		1,968,303.12	1,160,831.41
PI	4103+09.76		1,968,303.23	1,160,864.55
POT	4113+12.93		1,968,293.07	1,161,867.68

BENCHMARK SUMMARY

NAME	ELEVATION	STATION	OFFSET	DESCRIPTION
TBM #1	605.27			NE FLANGE BOLT ON HYDRANT @ SW CORNER ISABELLA & ASBURY
TBM #2	604.04	4096+42.08	-47.4	SW FLANGE BOLT ON HYDRANT @ NE CORNER ISABELLA & GIRARD
TBM #3	619.88	4103+30.27	42.8	NE FLANGE BOLT ON HYDRANT @ S.E. CORNER ISABELLA, RIDGE, & SHERIDAN RD
TBM #4	619.19	1094+06.34 R2	35.7	NE FLANGE BOLT ON HYDRANT @ NW CORNER MAPLE, ROSLYN, & SHERIDAN RD
TBM #5	616.37	1084+66.31 R2	26.9	NE FLANGE BOLT ON HYDRANT @ NW CORNER LINDEN & SHERIDAN RD
TBM #6	604.98	1067+84.97	-27.6	NE FLANGE BOLT ON HYDRANT IN FRONT OF #678 SHERIDAN RD
TBM #7	605.31	1064+10.98	27.8	NE FLANGE BOLT ON HYDRANT IN FRONT OF #723 SHERIDAN RD
TBM #8	604.25			" " CUT ON CURB IN FRONT OF #829 SHERIDAN RD
TBM #9	608.15	1052+38.17	28.9	NE FLANGE BOLT ON HYDRANT @ NW CORNER LAKE & SHERIDAN RD
TBM #10	611.17	1028+23.81	35.5	NE FLANGE BOLT ON HYDRANT @ NW CORNER ASHLAND & SHERIDAN RD
TBM #11	612.03	1017+60.50	42.8	NE FLANGE BOLT ON HYDRANT @ SW CORNER WESTERFIELD & SHERIDAN RD
TBM #12	612.19	1005+66.88	-24.9	NE FLANGE BOLT ON HYDRANT IN FRONT OF # 1630 SHERIDAN RD

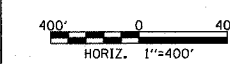
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PLOT SCALE = 400.0000' / IN.  
USER NAME = b.johnson

1051 PERIMETER DRIVE, SUITE 1025  
SCHAUMBURG, ILLINOIS 60173  
(847) 605-9600



REVISIONS	
NAME	DATE

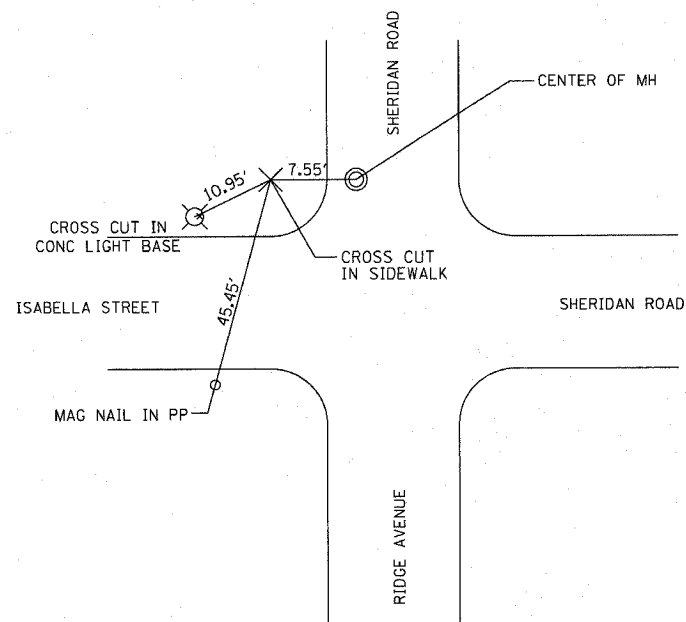
ILLINOIS DEPARTMENT OF TRANSPORTATION  
ALIGNMENT, TIES AND BENCHMARKS  
SHERIDAN ROAD  
DATE 7/13/07  
DRAWN BY LTD  
CHECKED BY BJL





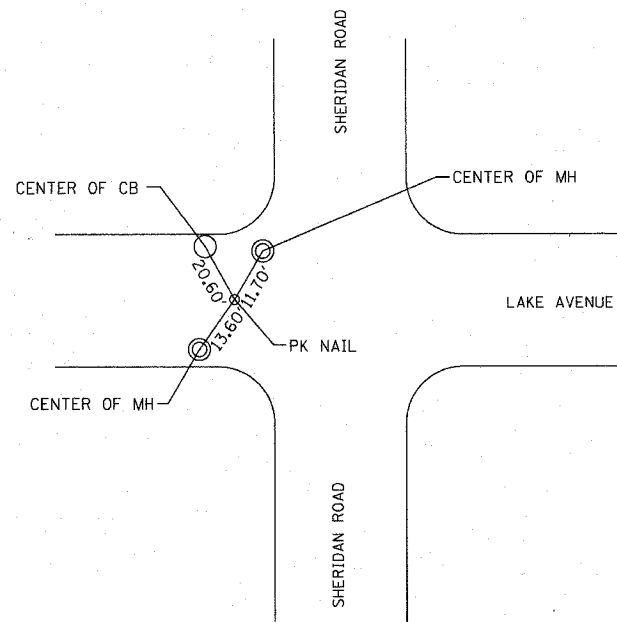
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	25
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

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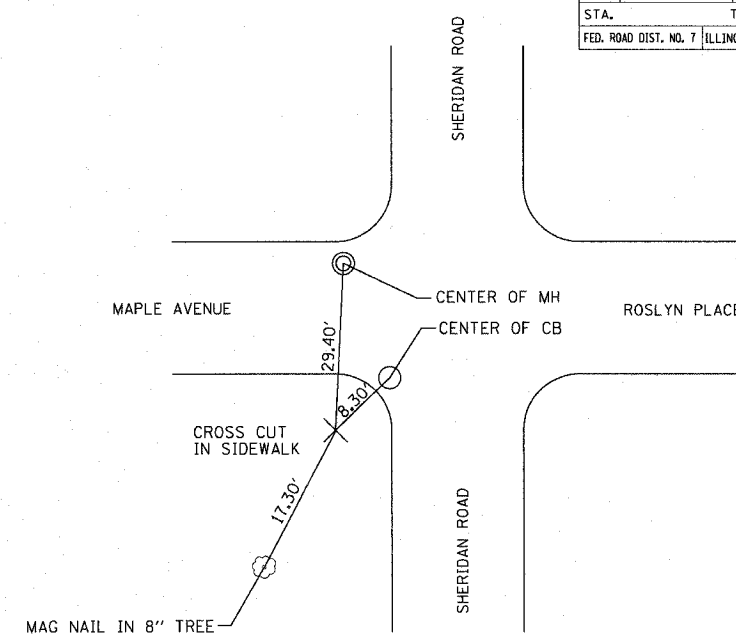
**CONTROL POINT SHERIDAN ROAD**

N 1968322.63 STATION 1102+91.17 R2  
 E 1160836.61 OFFSET 28.48



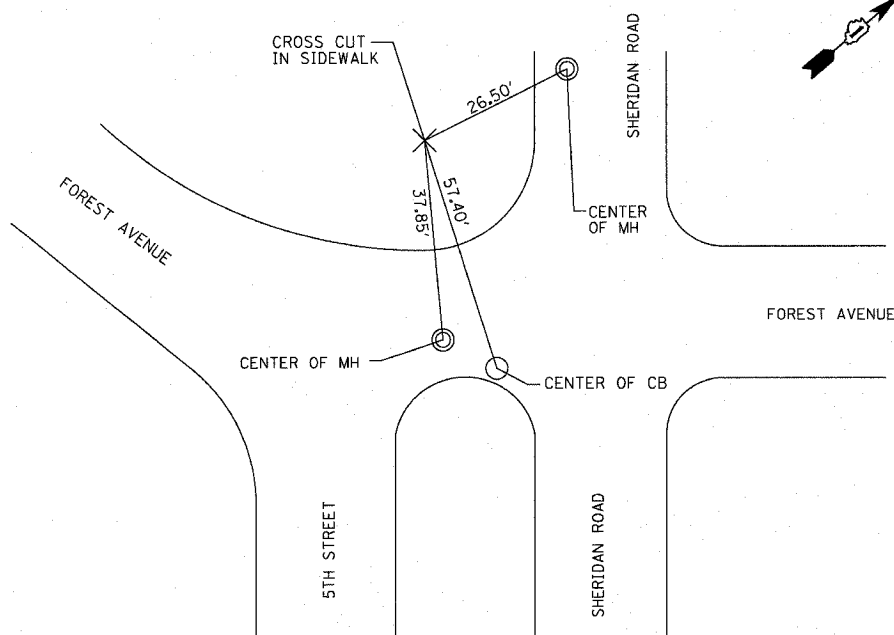
**CONTROL POINT SHERIDAN ROAD**

N 1972007.34 STATION 1052+80.02  
 E 1158425.91 OFFSET 36.42



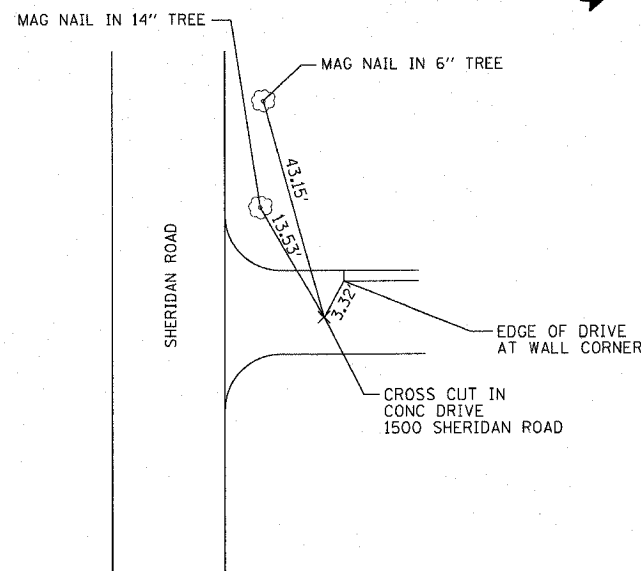
**CONTROL POINT SHERIDAN ROAD**

N 1969167.11 STATION 1094+46.26 R2  
 E 1160859.33 OFFSET 27.29



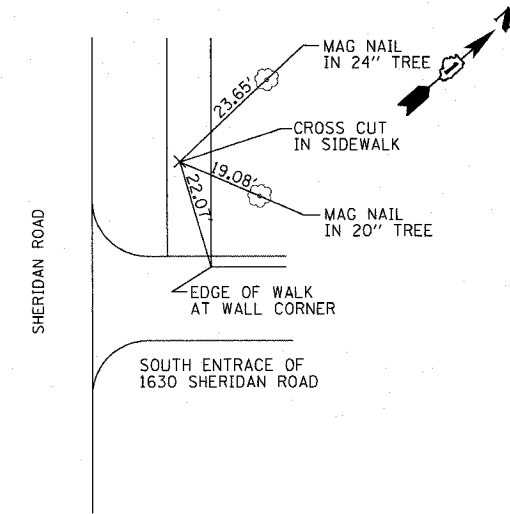
**CONTROL POINT SHERIDAN ROAD**

N 1972456.23 STATION 1045+86.05  
 E 1157896.53 OFFSET 34.53



**CONTROL POINT SHERIDAN ROAD**

N 1974983.80 STATION 1014+05.96  
 E 1156135.70 OFFSET -38.85

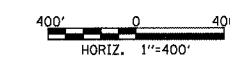


**CONTROL POINT SHERIDAN ROAD**

N 1975445.88 STATION 1007+09.10  
 E 1155607.69 OFFSET -28.59

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 ALIGNMENT, TIES AND BENCHMARKS  
 SHERIDAN ROAD



DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL

1061 PERIMETER DRIVE, SUITE 1025  
 SCHAUMBURG, ILLINOIS 60173  
 (847) 605-9600



PLOT DATE = 7/12/2007  
 FILE NAME = s:\cadd\0805\road\sheet\p01.dwg  
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 USER NAME = b.johnson

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 DATE: [ ]  
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 DATE: [ ]

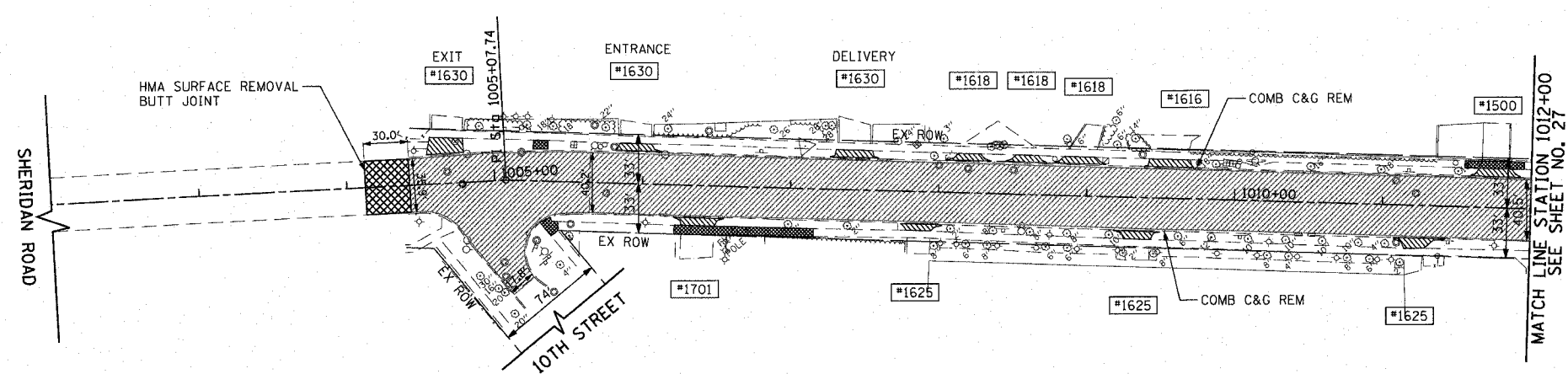
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1051 PERIMETER DRIVE, SUITE 1025  
 SCHAUMBURG, ILLINOIS 60173  
 (815) 605-8800

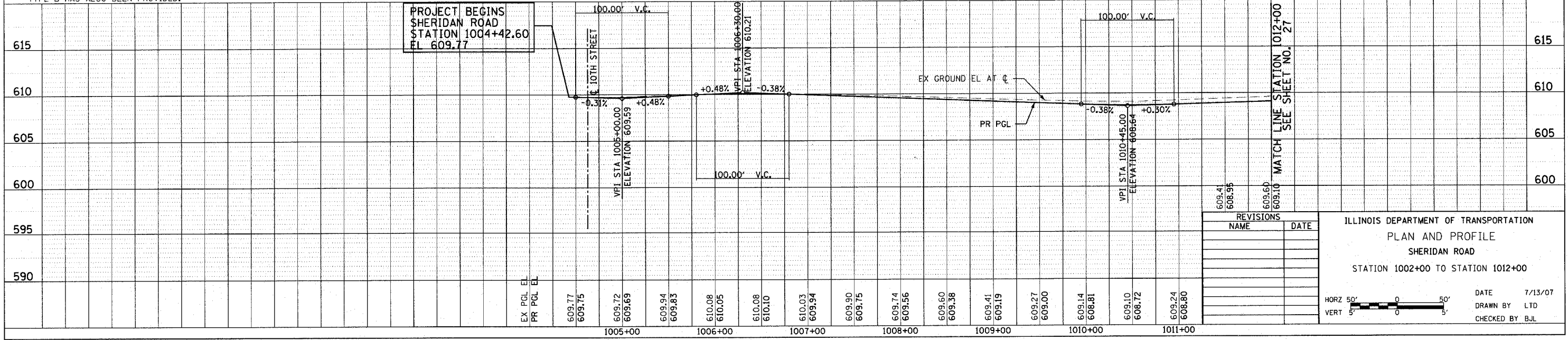
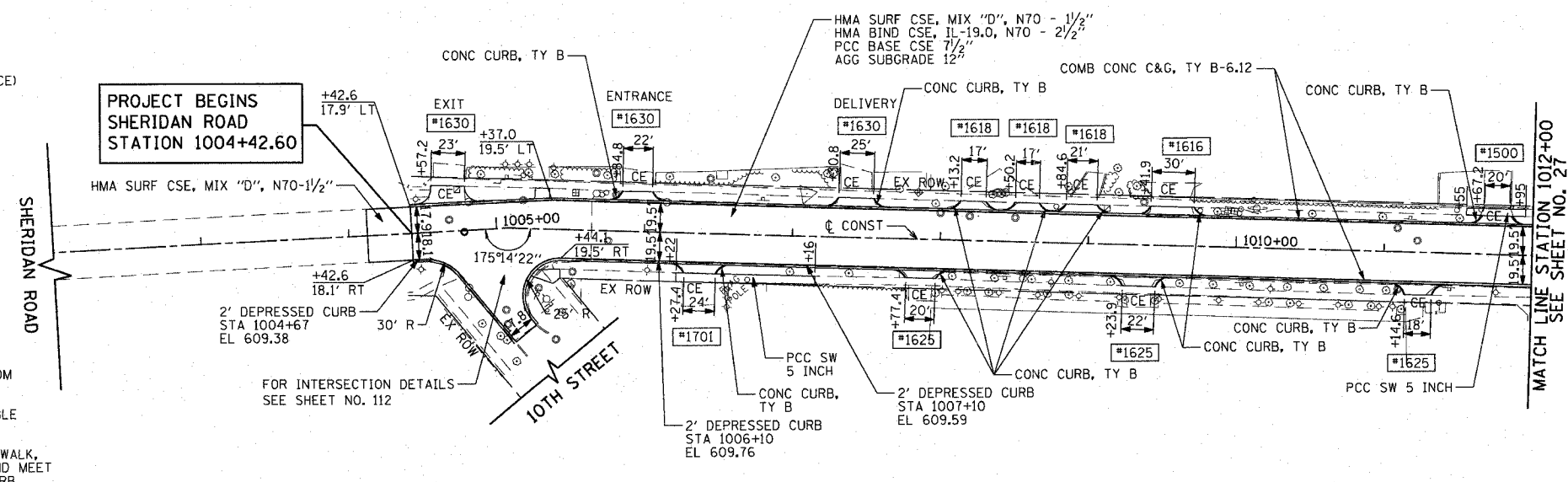


CONTRACT NO. 83964				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	26
STA. 1002+00		TO STA. 1012+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

- LEGEND**
- PAVEMENT REMOVAL
  - DRIVEWAY PAVEMENT REMOVAL
  - SIDEWALK REMOVAL
  - HOT-MIX ASPHALT (HMA) SURFACE REMOVAL, 1 1/2"



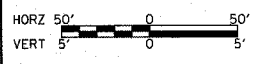
- NOTES:**
- ALL MAINLINE PAVEMENT SURFACES ARE HMA UNLESS OTHERWISE NOTED.
  - ALL DRIVE RADII ARE 10' UNLESS OTHERWISE NOTED.
  - FOR DRIVE AND ACCESS WALK MATERIALS & TYPE SCHEDULE, SEE SHEET NO. 12 TO 13.
  - DRIVEWAYS SHALL BE REPLACED WITH SAME MATERIAL AS EXISTING DRIVEWAY. ALL DRIVEWAYS SHALL FOLLOW BD-01 AND BD-02 FOR PROPOSED DRIVEWAY PAVEMENT COMPOSITION. (CE-COMMERCIAL ENTRANCE, PE- PRIVATE ENTRANCE)
  - FOR SUPERELEVATION DETAILS, SEE SHEET NO. 38 TO 41.
  - TEN FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO THE EXISTING ITEMS IN THE FIELD UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.
  - FOR RIGHT-OF-WAY AND EASEMENT INFORMATION, SEE PLAT OF HIGHWAYS SHEETS NO. 108 TO 111.
  - FOR CRITICAL TREE LOCATIONS, SEE SHEET NO. 22 FOR CURB TRANSITION DETAILS AND FOR SCHEDULE OF CRITICAL TREES.
  - ALL DEPRESSED CURB SHALL FOLLOW BD-02 FOR PROPOSED DEPRESSED CURB TRANSITION. STATIONS ARE GIVEN TO THE CENTER OF THE DEPRESSED CURB. ELEVATIONS ARE GIVEN AT THE BACK OF CURB.
  - DETECTABLE WARNINGS SHALL BE INSTALLED WHERE SIDEWALKS MEET DEPRESSED CURB AND SHALL EXTEND TWO FEET AWAY FROM THE DEPRESSED CURB.
  - CURB RAMPS SHALL BE PAID FOR AS PCC SW 5 INCH. DETECTABLE WARNINGS SHALL BE INSTALLED ALONG LENGTH OF RAMP.
  - AN ADDITIONAL QUANTITY OF SIDEWALK REMOVAL AND PCC SIDEWALK, 5 INCH HAS BEEN PROVIDED TO REPLACE DAMAGED SIDEWALK AND MEET ADA REQUIREMENTS. AN ADDITIONAL QUANTITY OF CONCRETE CURB TYPE B HAS ALSO BEEN PROVIDED.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PLAN AND PROFILE  
 SHERIDAN ROAD  
 STATION 1002+00 TO STATION 1012+00

DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL



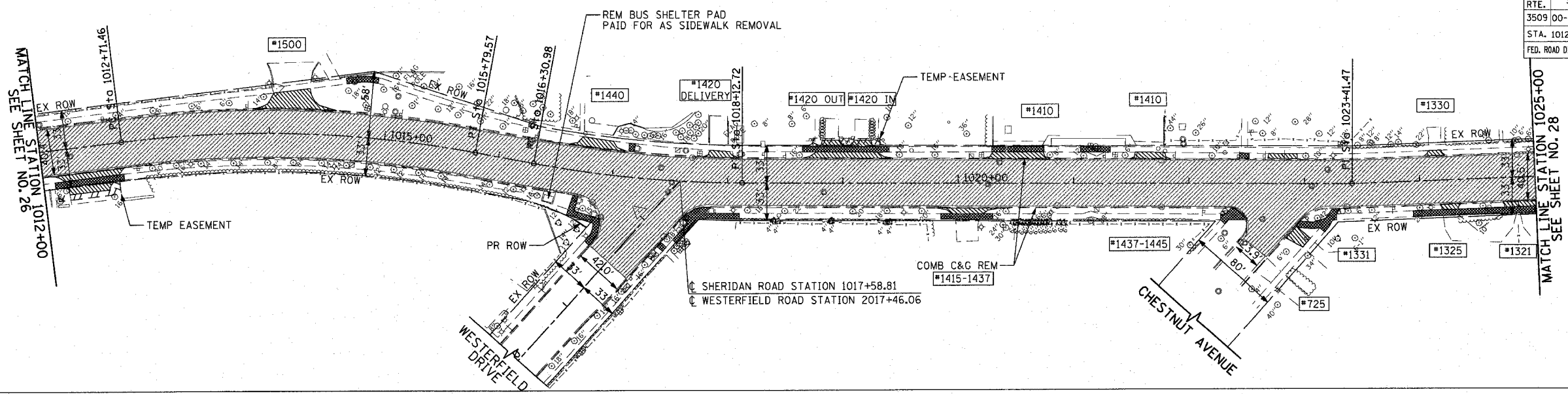
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	27
STA. 1012+00		TO STA. 1025+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

DATE: 7/12/2007  
 BY: [Redacted]  
 SURVEYED: [Redacted]  
 PLAN: [Redacted]  
 NOTE BOOK: [Redacted]  
 NO.: [Redacted]

DATE: [Redacted]  
 BY: [Redacted]  
 SURVEYED: [Redacted]  
 PLAN: [Redacted]  
 NOTE BOOK: [Redacted]  
 NO.: [Redacted]

DATE: [Redacted]  
 BY: [Redacted]  
 SURVEYED: [Redacted]  
 PROFILE: [Redacted]  
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 NO.: [Redacted]

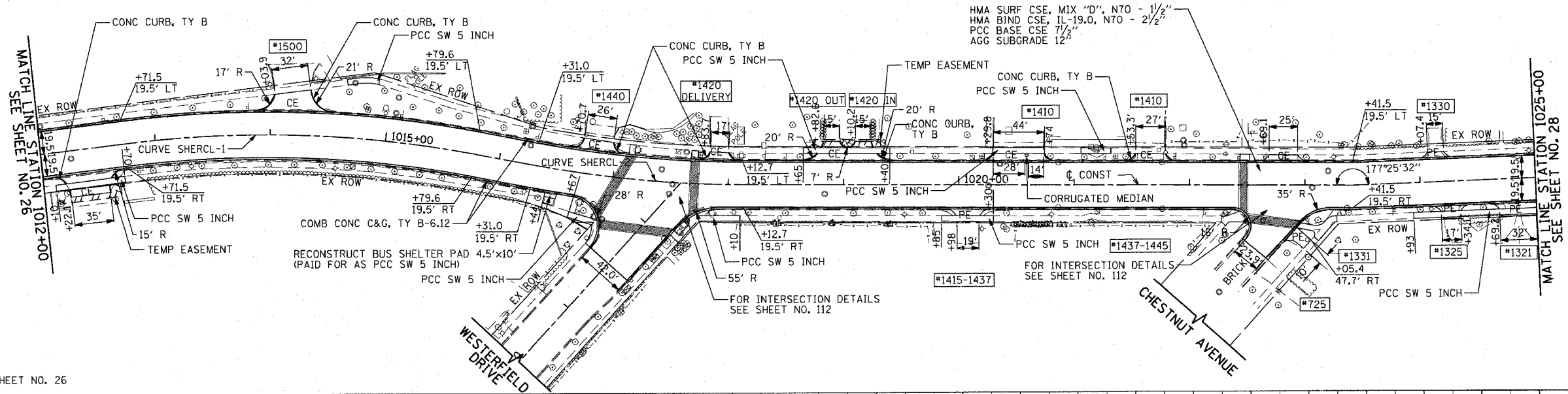
1051 PERMETER DRIVE, SUITE 1025  
 SCHAMBERG, ILLINOIS 60173  
 (847) 868-8600



EXISTING

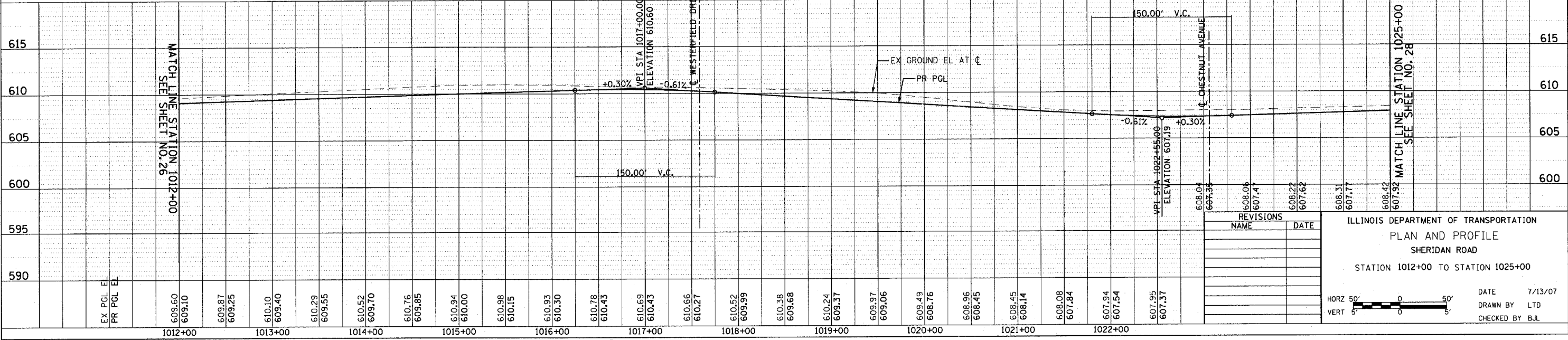
**CURVE SHERCL-1**  
 PI STA = 1014+26.74  
 $\Delta = 17^\circ 36' 35''$  (RT)  
 $R = 1,002.50'$   
 $L = 155.28'$   
 $T = 308.11'$   
 $E = 11.95'$   
 $e = 2.00'$   
 $T.R. = 34'$   
 $S.E. RUN. = 34'$   
 PC STA = 1012+71.46  
 PT STA = 1015+79.57

**CURVE SHERCL-2**  
 PI STA = 1017+22.10  
 $\Delta = 10^\circ 23' 12''$  (LT)  
 $R = 1,002.50'$   
 $L = 91.12'$   
 $T = 181.74'$   
 $E = 4.13'$   
 $e = 0.02'$   
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 $S.E. RUN. = 25.7'$   
 PC STA = 1016+30.98  
 PT STA = 1018+12.72



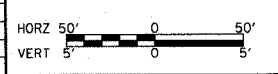
PROPOSED

FOR LEGEND AND NOTES SEE SHEET NO. 26



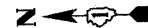
REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PLAN AND PROFILE  
 SHERIDAN ROAD  
 STATION 1012+00 TO STATION 1025+00



DATE: 7/13/07  
 DRAWN BY: LTD  
 CHECKED BY: BJL

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	28
STA. 1025+00		TO STA. 1033+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

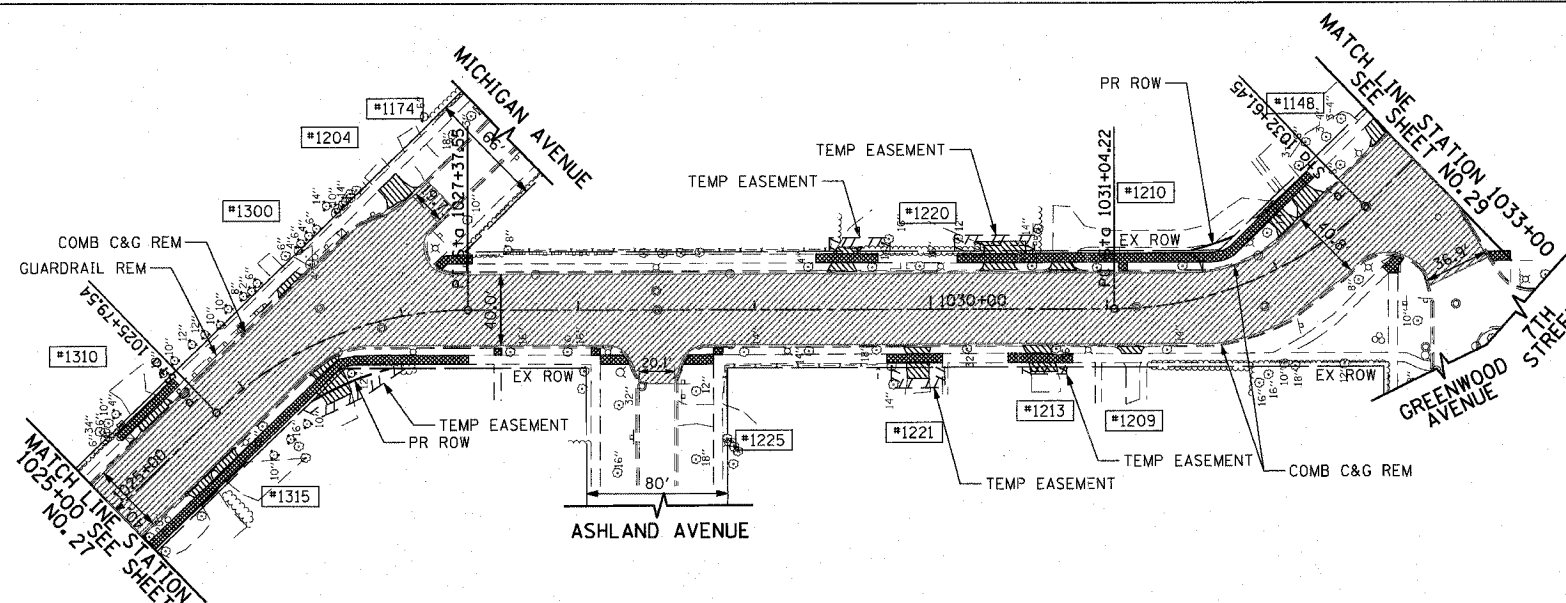


DATE: 7/12/2007  
 PLOT DATE: 7/12/2007  
 FILE NAME: g:\cadd\83964\plan\sheet28.dwg  
 PLOT SCALE: 48,99999 / IN  
 USER NAME: b.johnson

DATE	BY	NO.

DATE	BY	NO.

1051 PERIMETER DRIVE, SUITE 1025  
 SCHAMBERG, ILLINOIS 60173  
 (815) 655-9600

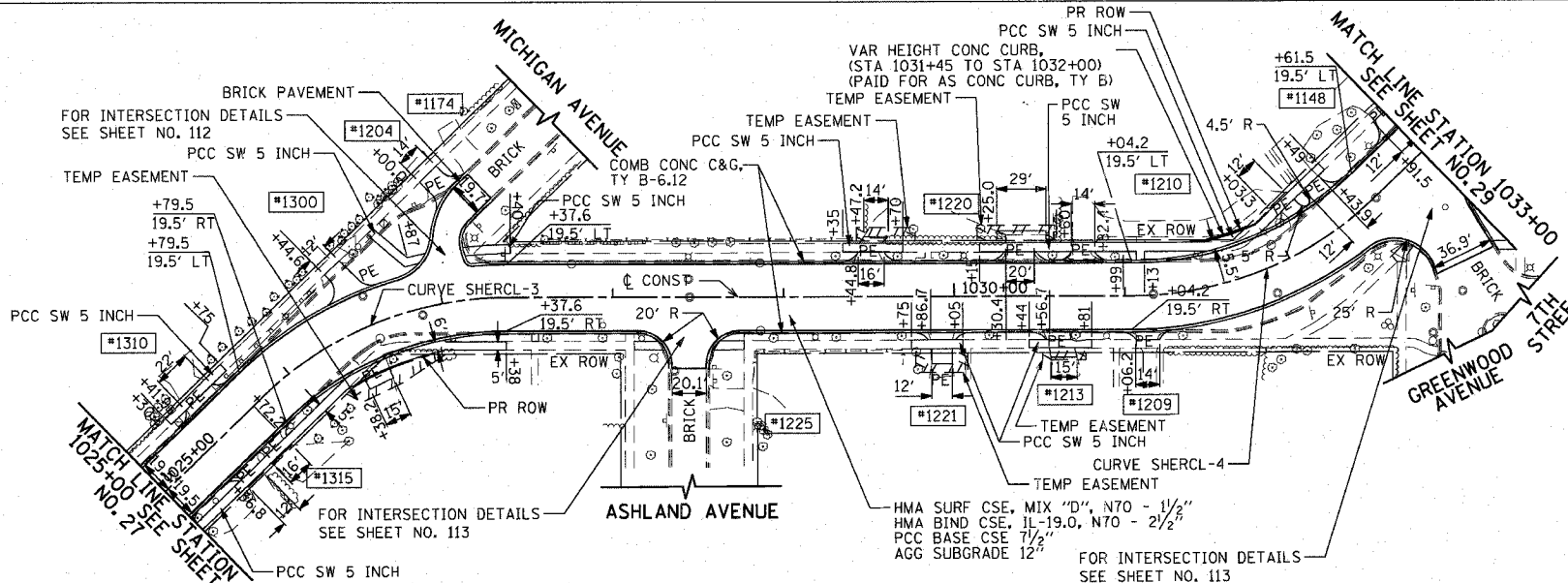


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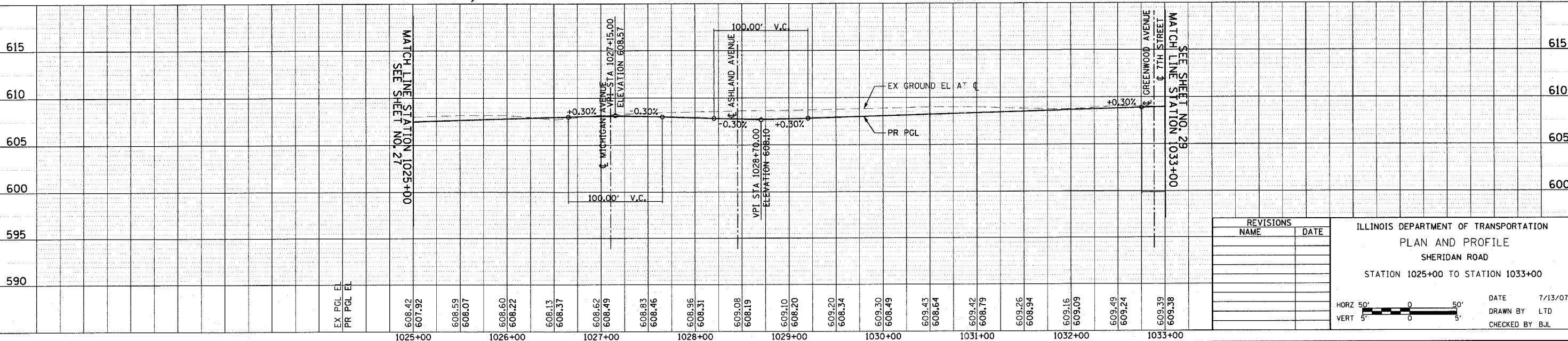
**CURVE SHERCL-3**  
 PT STA = 1026+62.70  
 Δ = 44° 09' 50" (RT)  
 R = 205.00'  
 T = 83.17'  
 L = 158.02'  
 E = 16.23'  
 P = 2.00%  
 T.P. = 34'  
 S.E. RUN = 34'  
 PC STA = 1025+79.54  
 PT STA = 1027+27.55

**CURVE SHERCL-4**  
 PT STA = 1031+86.93  
 Δ = 43° 56' 44" (LT)  
 R = 205.00'  
 T = 82.71'  
 L = 157.23'  
 E = 16.06'  
 P = 2.00%  
 T.P. = 34'  
 S.E. RUN = 34'  
 PC STA = 1031+04.22  
 PT STA = 1032+61.45



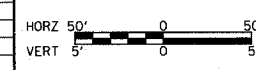
PROPOSED

FOR LEGEND AND NOTES SEE SHEET NO. 26



REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PLAN AND PROFILE  
 SHERIDAN ROAD  
 STATION 1025+00 TO STATION 1033+00



DATE: 7/13/07  
 DRAWN BY: LTD  
 CHECKED BY: BJL

PLOT DATE = 7/12/2007  
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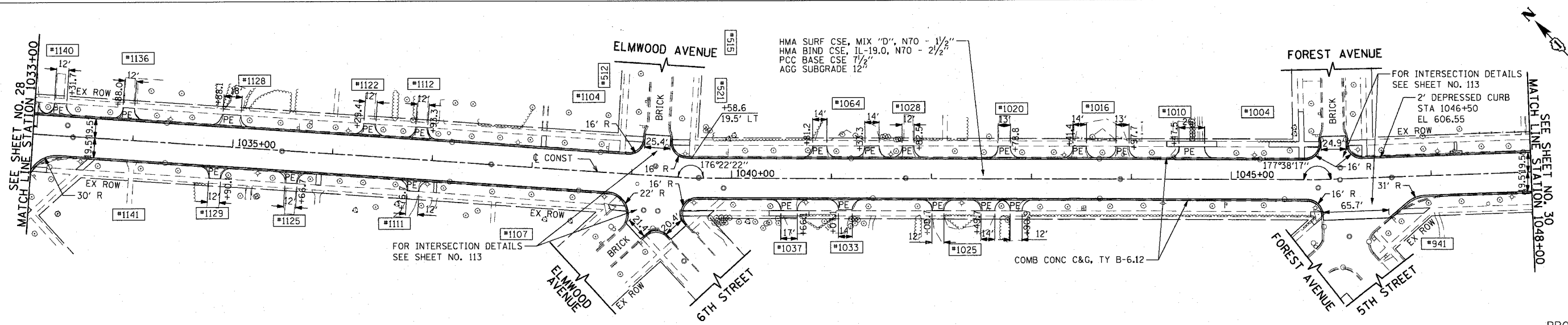
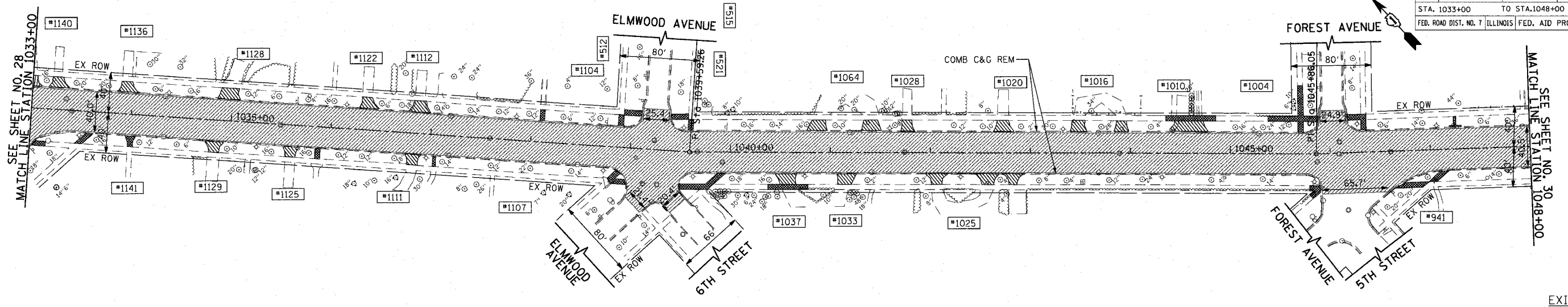
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 SURVEYED  
 ALIGNED  
 CHECKED  
 RT. OF WAY  
 NO.

PROFILE  
 SURVEYED  
 PLOTTED  
 CHECKED  
 NO.

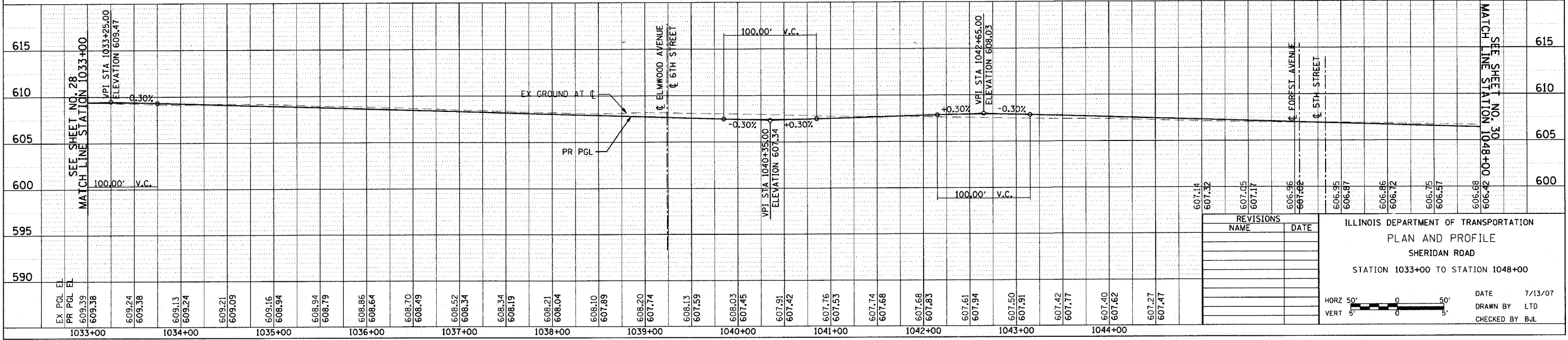
1051 PERIMETER DRIVE, SUITE 1025  
 SCHALMURG, ILLINOIS 60173  
 (847) 605-9600



CONTRACT NO. 83964	
F.A.U. RTE.	SECTION
3509	00-00173-00-FP
COUNTY	TOTAL SHEETS
COOK	246
SHEET NO.	29
STA. 1033+00 TO STA. 1048+00	
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT	



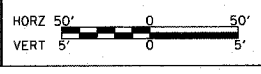
FOR LEGEND AND NOTES SEE SHEET NO. 26



REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PLAN AND PROFILE  
 SHERIDAN ROAD  
 STATION 1033+00 TO STATION 1048+00

DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BUL



PLOT DATE = 7/12/2007  
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 PLOT SCALE = 4"=100'  
 USER NAME = bjoelma

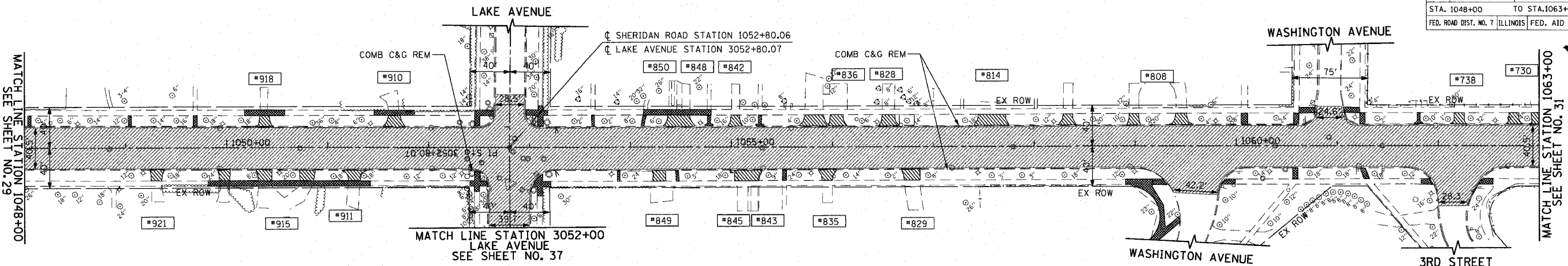
DATE	BY	REVISION

DATE	BY	REVISION

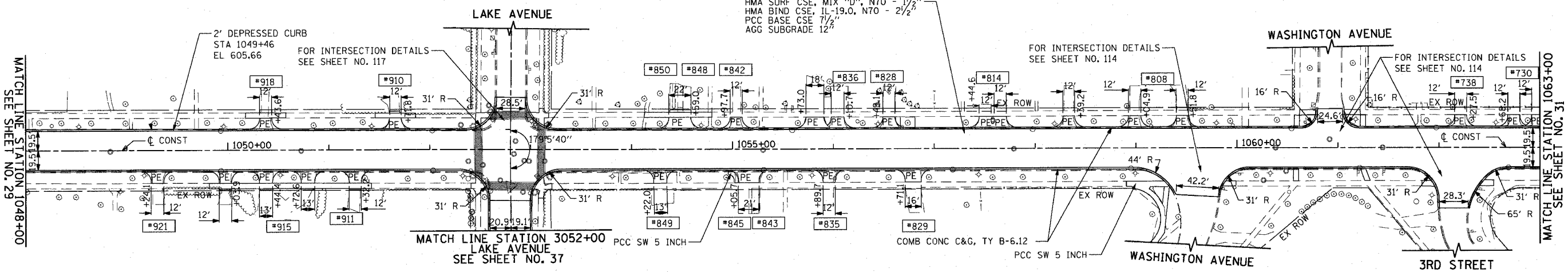
1051 PERMETER DRIVE, SUITE 1025  
 SCHAMBERG, ILLINOIS 60173  
 (847) 866-8800



CONTRACT NO. 83964	
F.A.U. RTE.	SECTION
3509	00-00173-00-FP
COUNTY	TOTAL SHEETS
COOK	246
STA. 1048+00	TO STA. 1063+00
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT	

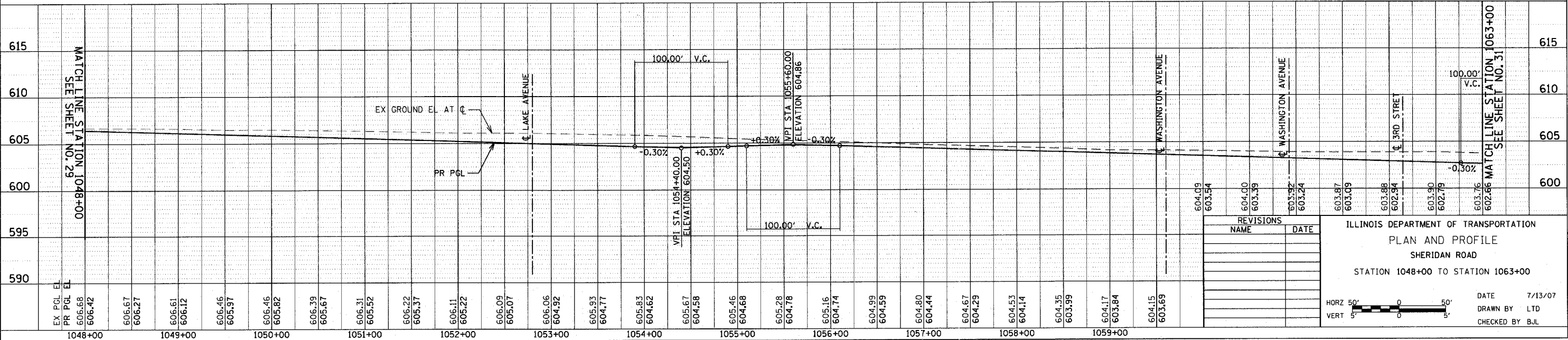


EXISTING



PROPOSED

FOR LEGEND AND NOTES SEE SHEET NO. 26



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PLAN AND PROFILE  
 SHERIDAN ROAD  
 STATION 1048+00 TO STATION 1063+00



DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL

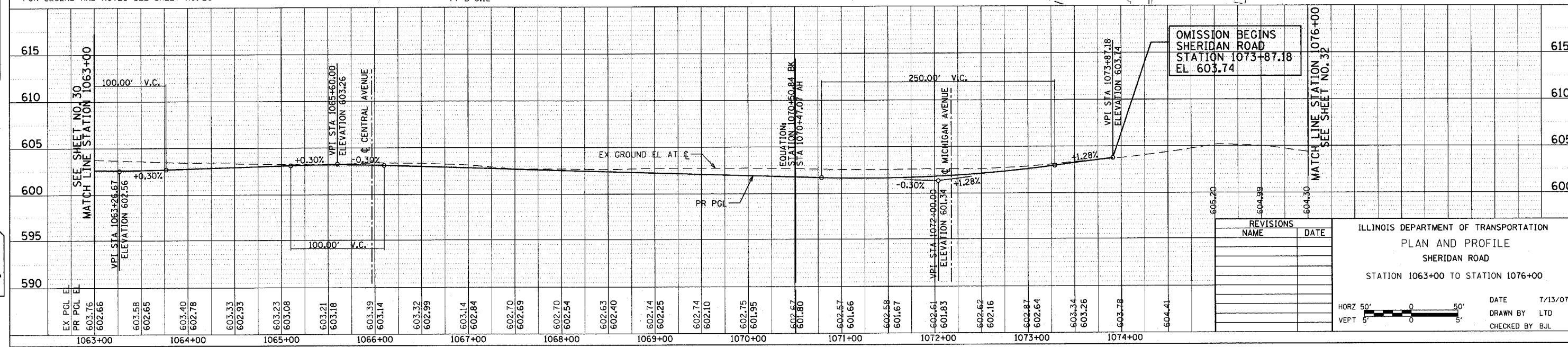
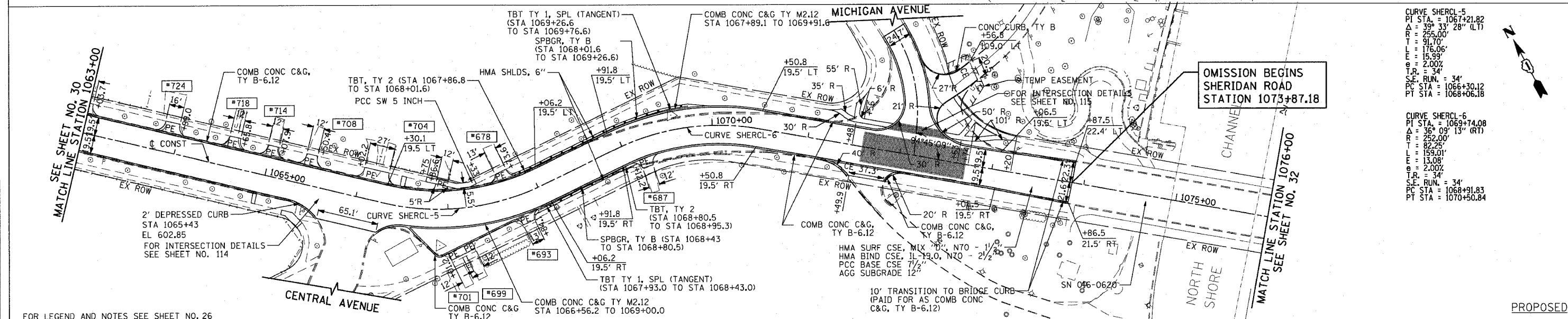
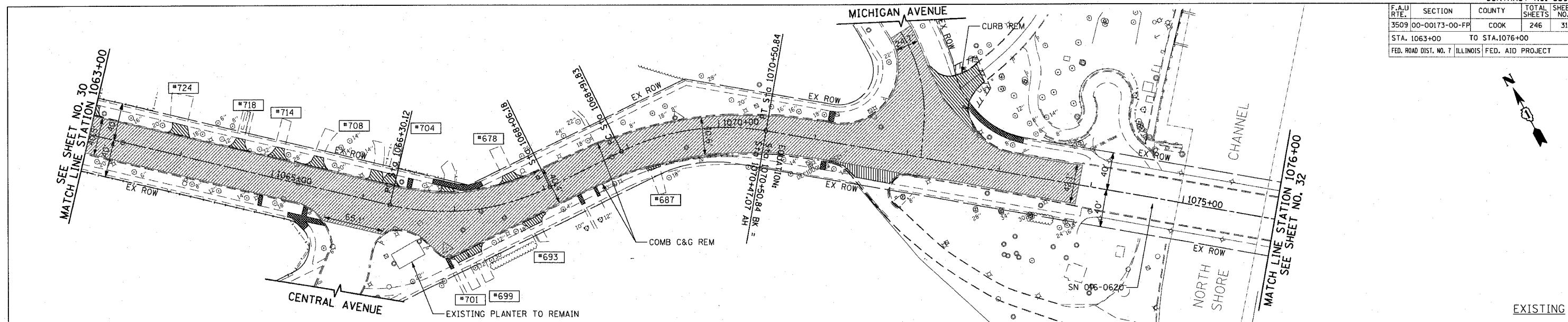
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET NO.	SHEET NO.
3509	00-00173-00-FP	COOK	246	31
STA. 1063+00		TO STA. 1076+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

PLOT DATE = 7/12/2007  
 FILE NAME = g:\a0865\8805\1\each\sheet\sp86aht  
 PLOT SCALE = 48.9999 / IN.  
 USER NAME = b.julien

DATE	BY	REVISION

DATE	BY	REVISION

1051 PERMETER DRIVE, SUITE 1026  
 SCHAMBERG, ILLINOIS 60173  
 (617) 685-9600



OMISSION BEGINS  
 SHERIDAN ROAD  
 STATION 1073+87.18

OMISSION BEGINS  
 SHERIDAN ROAD  
 STATION 1073+87.18  
 EL. 603.74

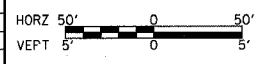
CURVE SHERCL-5  
 PI STA = 1067+21.82  
 Δ = 39° 33' 28" (LT)  
 R = 255.00'  
 L = 91.70'  
 E = 176.06'  
 T = 15.99'  
 e = 2.002'  
 S.F. RUN = 34'  
 PC STA = 1066+30.12  
 PT STA = 1068+06.18

CURVE SHERCL-6  
 PI STA = 1069+74.08  
 Δ = 36° 09' 13" (RT)  
 R = 252.00'  
 L = 82.25'  
 E = 159.01'  
 T = 13.08'  
 e = 2.002'  
 S.F. RUN = 34'  
 PC STA = 1068+91.83  
 PT STA = 1070+50.84

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PLAN AND PROFILE  
 SHERIDAN ROAD  
 STATION 1063+00 TO STATION 1076+00

DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL



PLOT DATE = 7/12/2007  
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 USER NAME = b.johnson

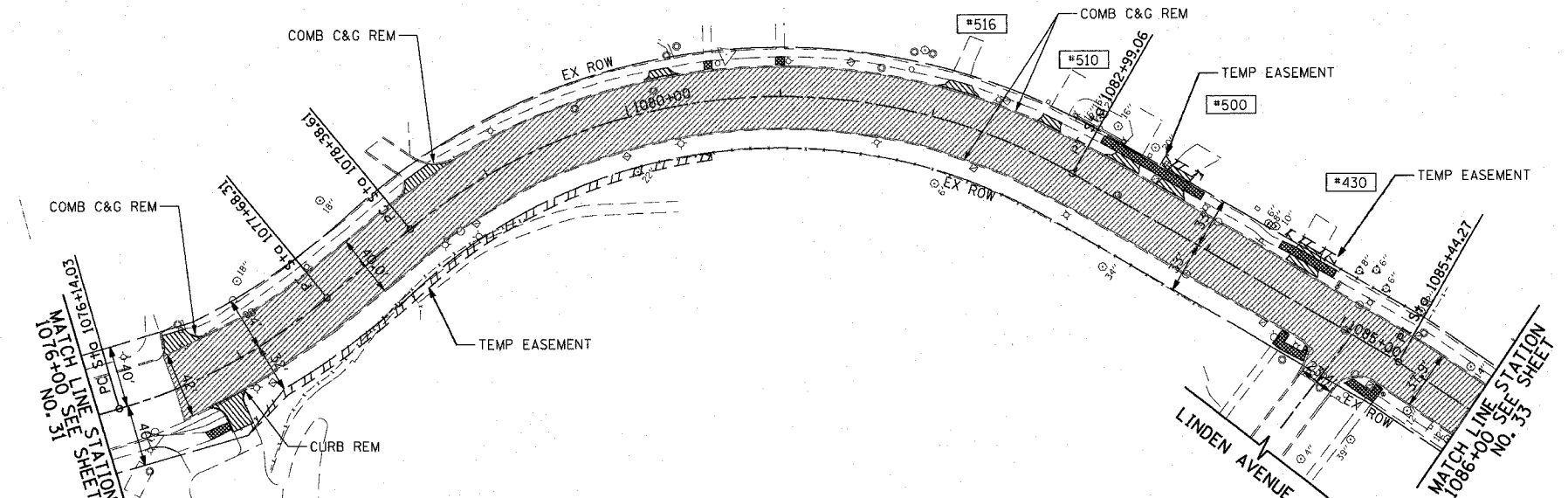
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
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REVISIONS	
NO.	

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

1051 PERIMETER DRIVE, SUITE 1025  
 SCHALMERSBURG, ILLINOIS 60173  
 (847) 905-9800

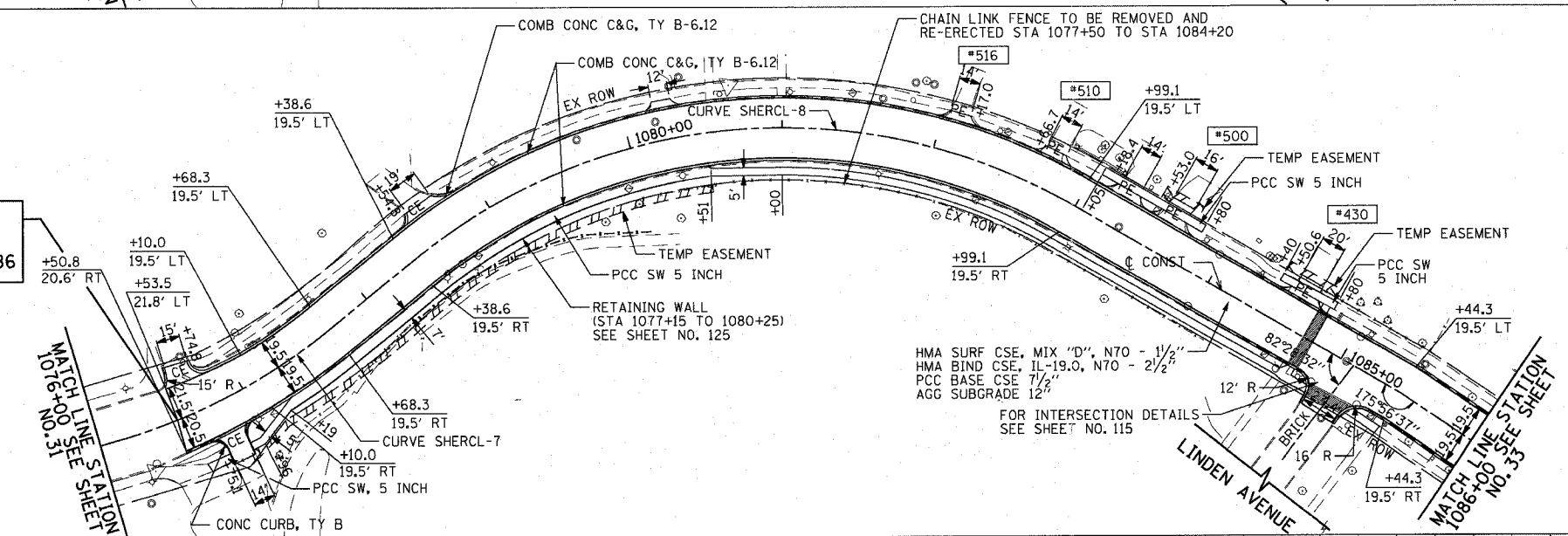


CONTRACT NO. 83964				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	32
STA. 1076+00		TO STA. 1086+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



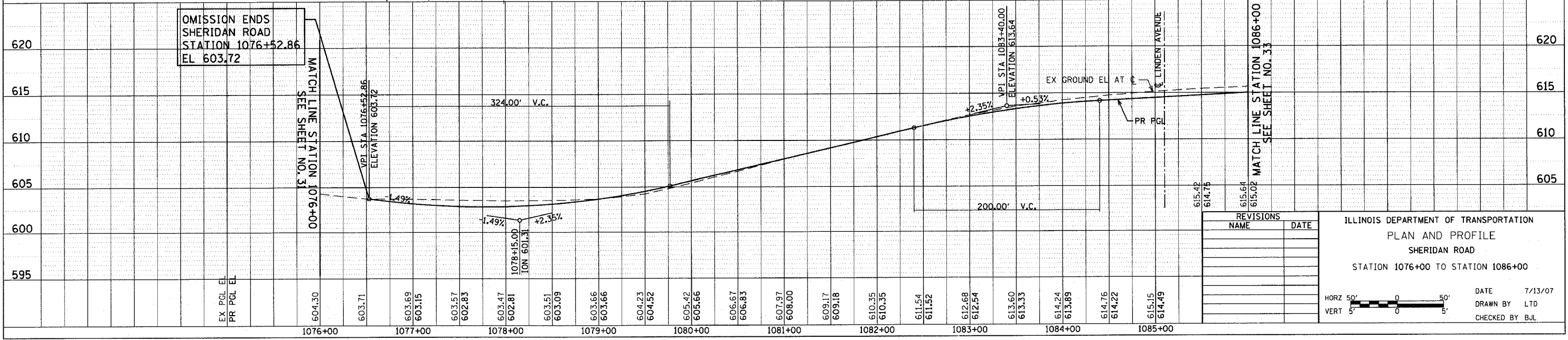
CURVE SHERCL-7	PI STA. = 1076+92.25	Δ = 23° 15' 46" (LT)	R = 380.00'	T = 78.22'	L = 154.28'	E = 7.57'	θ = 2.00%	T.R. = 34'	S.E. RUN. = 34'	PC STA = 1076+14.03	PT STA = 1077+68.31
CURVE SHERCL-8	PI STA. = 1081+01.86	Δ = 69° 25' 33" (RT)	R = 380.00'	T = 263.25'	L = 460.45'	E = 82.28'	θ = 2.00%	T.R. = 34'	S.E. RUN. = 34'	PC STA = 1078+38.61	PT STA = 1082+99.06

OMISSION ENDS  
 SHERIDAN ROAD  
 STATION 1076+52.86



FOR LEGEND AND NOTES SEE SHEET NO. 26

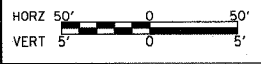
OMISSION ENDS  
 SHERIDAN ROAD  
 STATION 1076+52.86  
 EL 603.72



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PLAN AND PROFILE  
 SHERIDAN ROAD  
 STATION 1076+00 TO STATION 1086+00

DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL





PLOT DATE = 7/12/2007  
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 USER NAME = bylohan

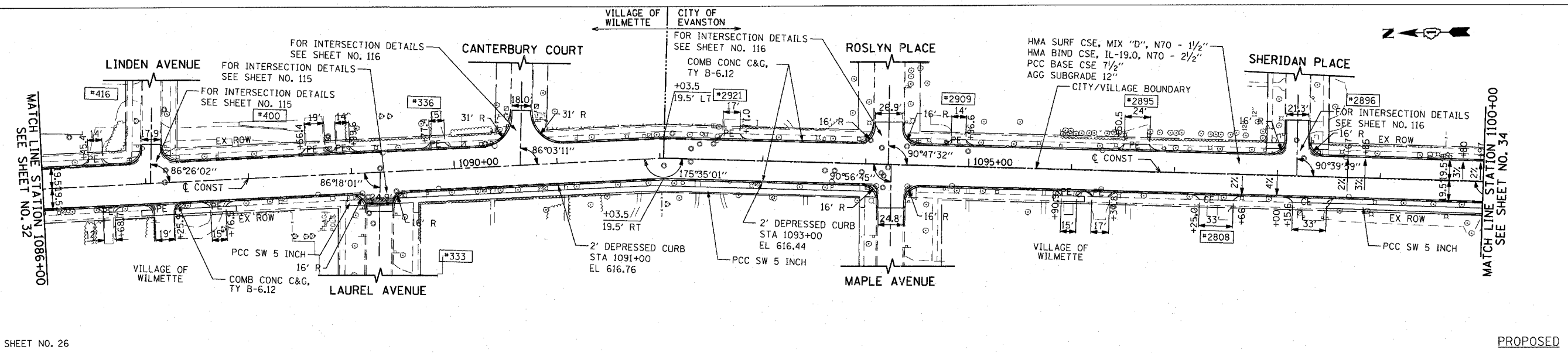
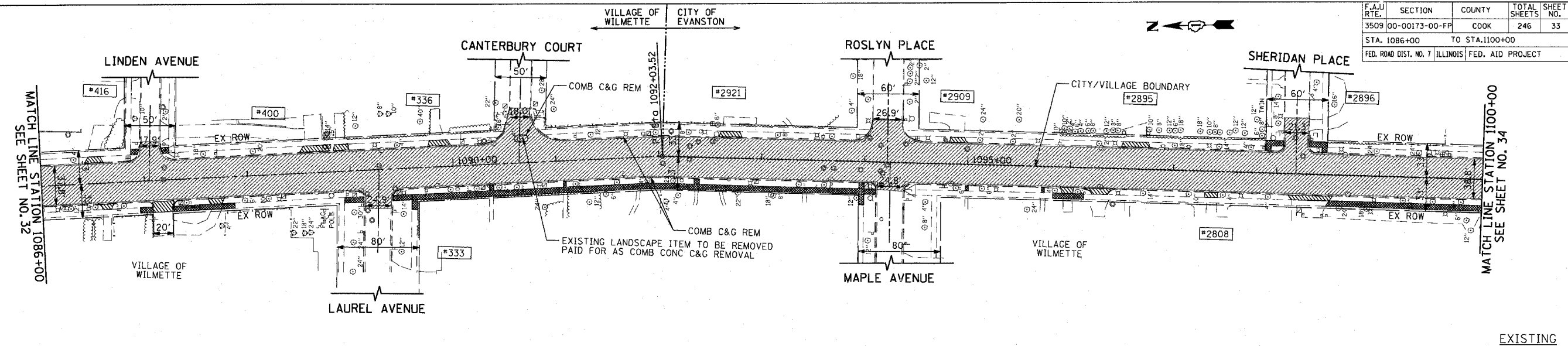
PLAN	DATE	BY
SURVEYED ALIGNED CHECKED RT. OF WAY CHECKED C&G FILE NAME		

PROFILE	DATE	BY
SURVEYED PLOTTED CHECKED B.M. NO. USED STRUCTURE NOTATIONS CHFD		

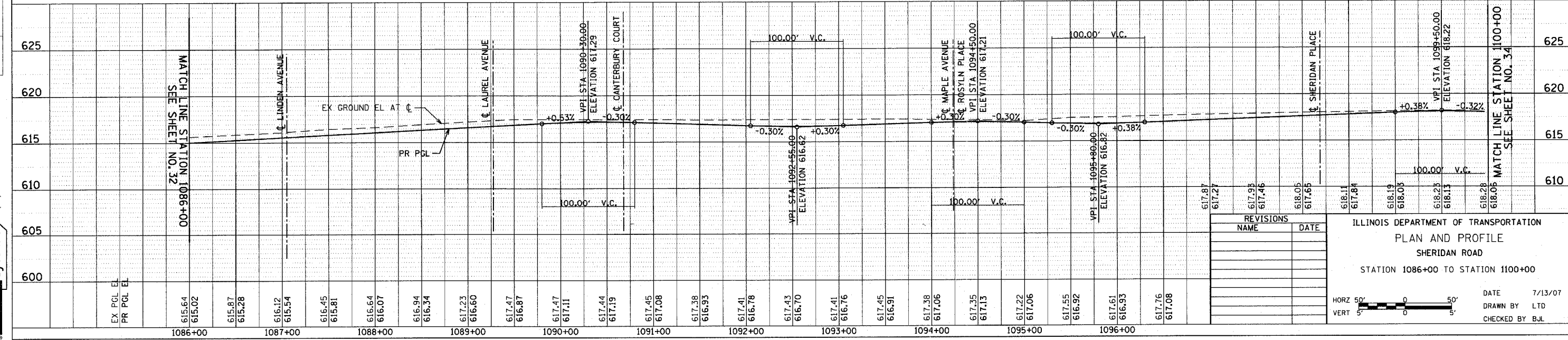
1051 PERIMETER DRIVE, SUITE 1025  
 SCHLAUBURG, ILLINOIS 60173  
 (847) 605-9600



CONTRACT NO. 83964	
F.A.U. RTE.	SECTION
3509 00-00173-00-FP	COOK
STA. 1086+00	TO STA. 1100+00
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT	



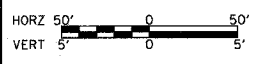
FOR LEGEND AND NOTES SEE SHEET NO. 26



REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PLAN AND PROFILE  
 SHERIDAN ROAD  
 STATION 1086+00 TO STATION 1100+00

DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL



PLOT DATE = 7/12/2007  
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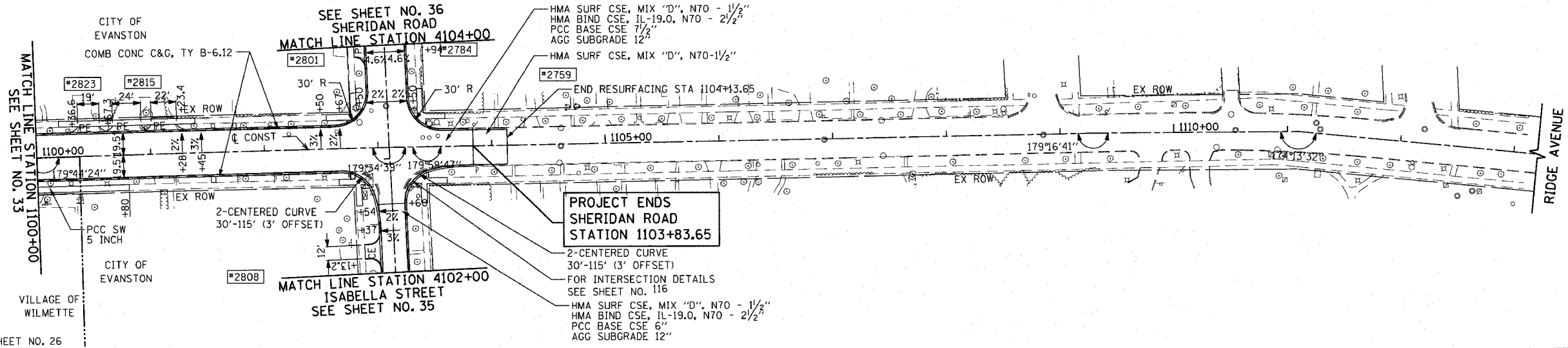
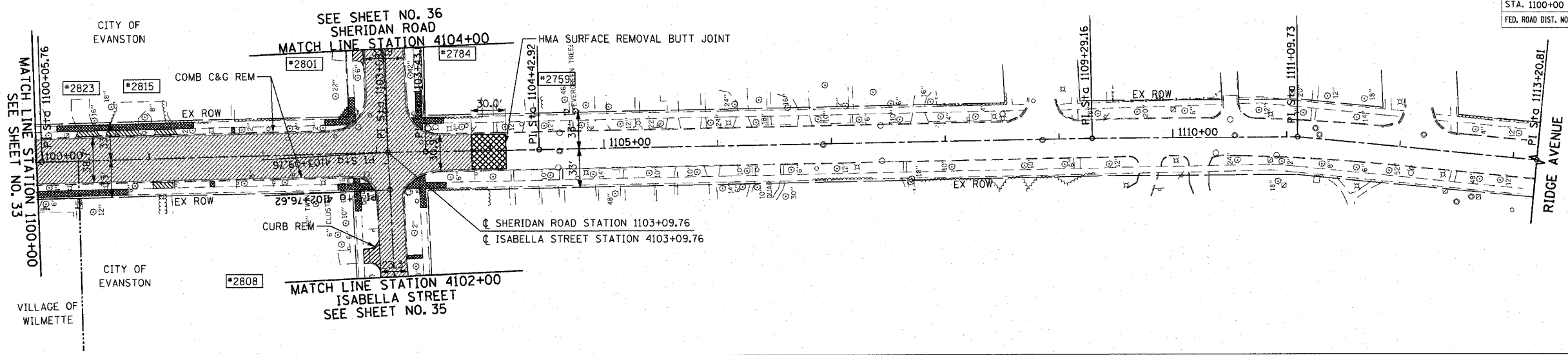
PLAN	DATE
REVISION	BY
NO.	DATE
1	
2	
3	
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5	
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PROFILE	DATE
NO.	DATE
1	
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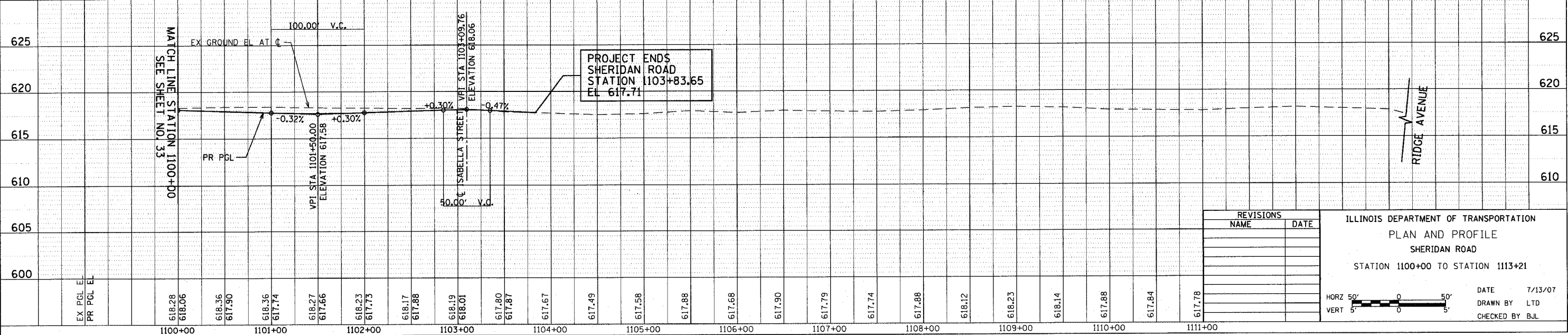
1061 PERMETER DRIVE, SUITE 1025  
 SCHAMBERG, ILLINOIS 60173  
 (847) 688-8800



CONTRACT NO. 83964			
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS
3509 00-00173-00-FP		COOK	246
STA. 1100+00	TO STA. 1113+20.81		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT			



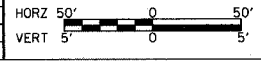
FOR LEGEND AND NOTES SEE SHEET NO. 26



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PLAN AND PROFILE  
 SHERIDAN ROAD  
 STATION 1100+00 TO STATION 1113+21

DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL



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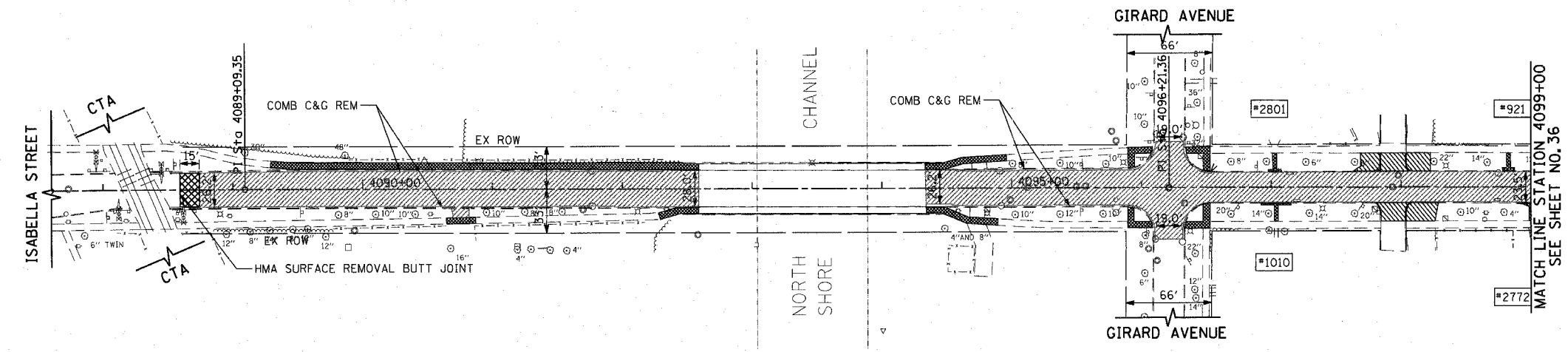
PLAN  
 SURVEYED  
 PLOTTED  
 NOTE BOOK  
 RT. OF WAY CHECKED  
 ADD FILE NAME

PROFILE  
 SURVEYED  
 PLOTTED  
 NOTE BOOK  
 ELEM. NOTED  
 STRUCTURE NOTATION CHRG

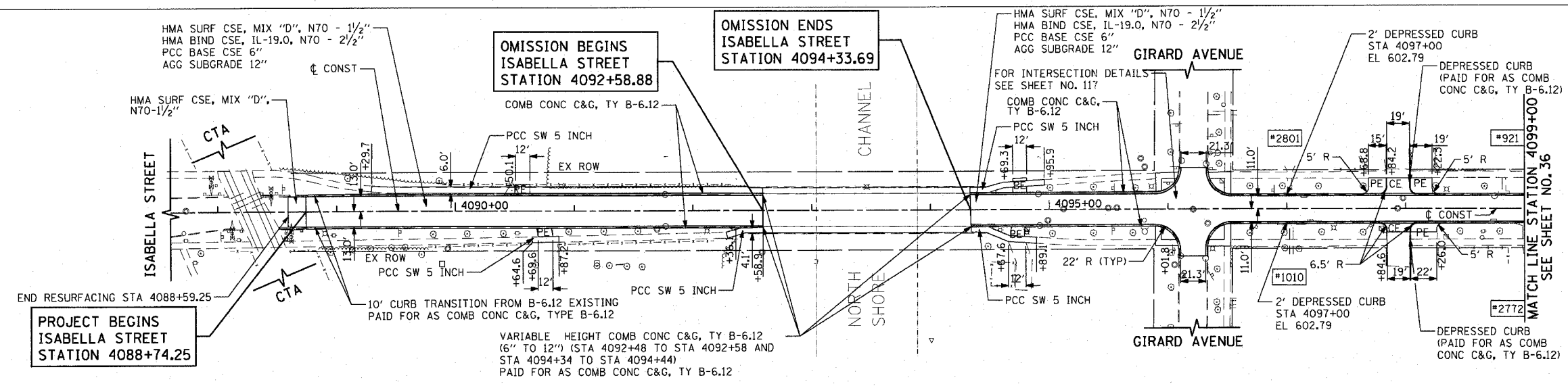
1051 PERIMETER DRIVE, SUITE 1025  
 SCHAMBURG, ILLINOIS 60173  
 (847) 955-9600



CONTRACT NO. 83964				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	35
STA. 4088+00		TO STA. 4099+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

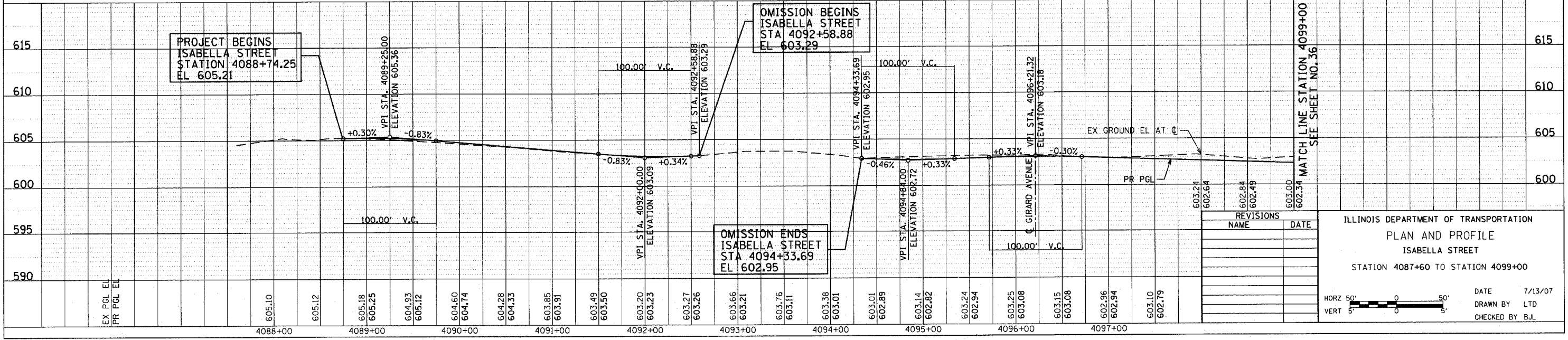


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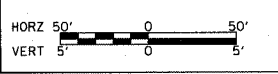
PROPOSED

FOR LEGEND AND NOTES SEE SHEET NO. 26



REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PLAN AND PROFILE  
 ISABELLA STREET  
 STATION 4087+60 TO STATION 4099+00



DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL

PLOT DATE = 7/12/2007  
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 USER NAME = jpolman

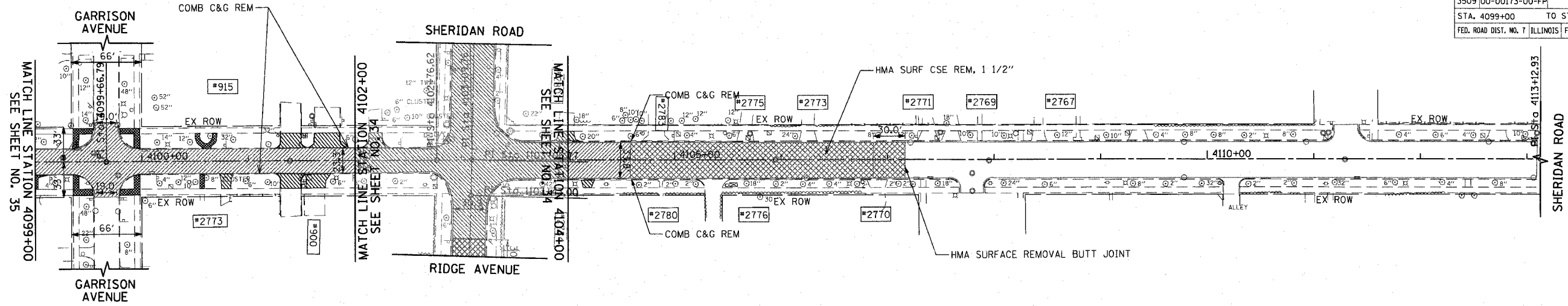
DATE	BY	NO.

DATE	BY	NO.

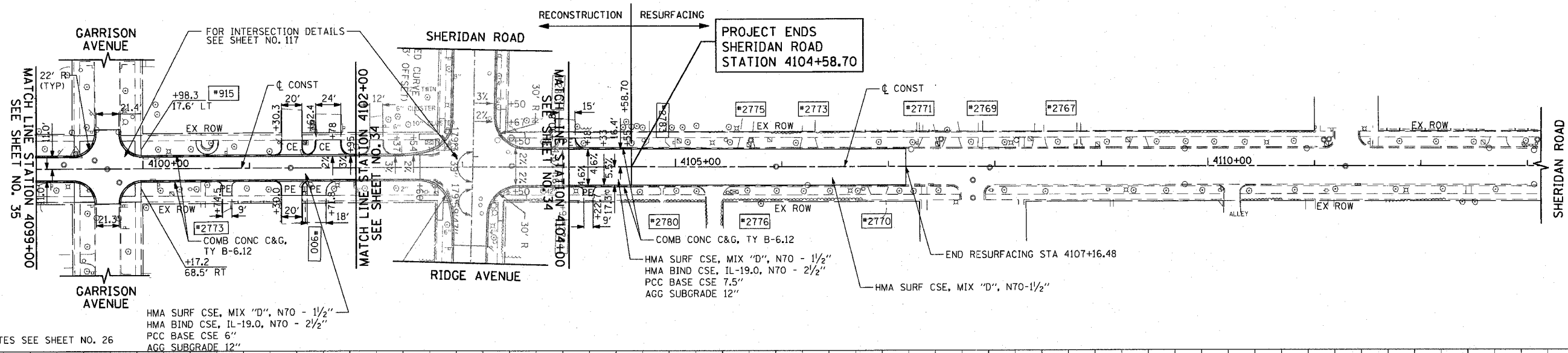
1051 PERMETER DRIVE, SUITE 1025  
 SCHAMBERG, ILLINOIS 60173  
 (815) 335-9800



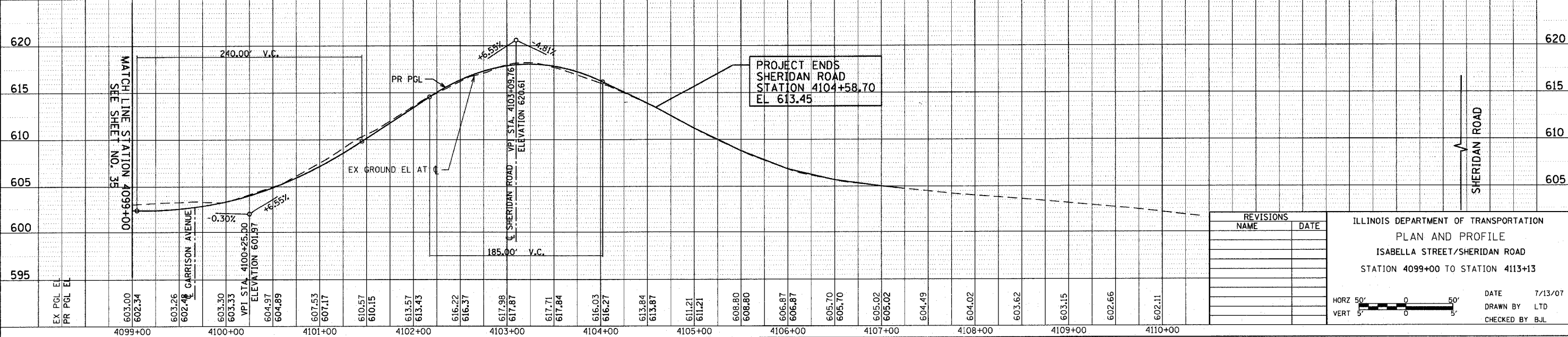
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	36
STA. 4099+00		TO STA. 4113+13		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



EXISTING



PROPOSED



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PLAN AND PROFILE  
 ISABELLA STREET/SHERIDAN ROAD  
 STATION 4099+00 TO STATION 4113+13



DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL

PLOT DATE = 7/12/2007  
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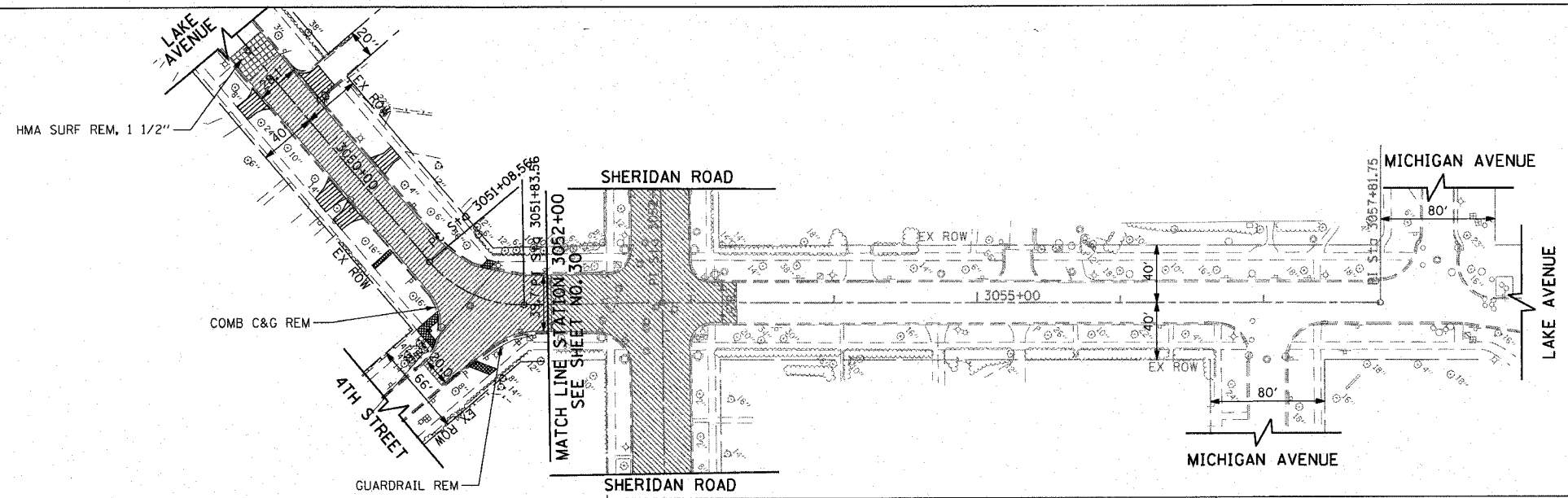
PLAN	DATE	BY
REVISION		
NO. 1		
NO. 2		

PROFILE	DATE	BY
REVISION		
NO. 1		
NO. 2		

1051 PERMETER DRIVE, SUITE 1026  
 SCHALMERSBURG, ILLINOIS 60173  
 (817) 605-8900

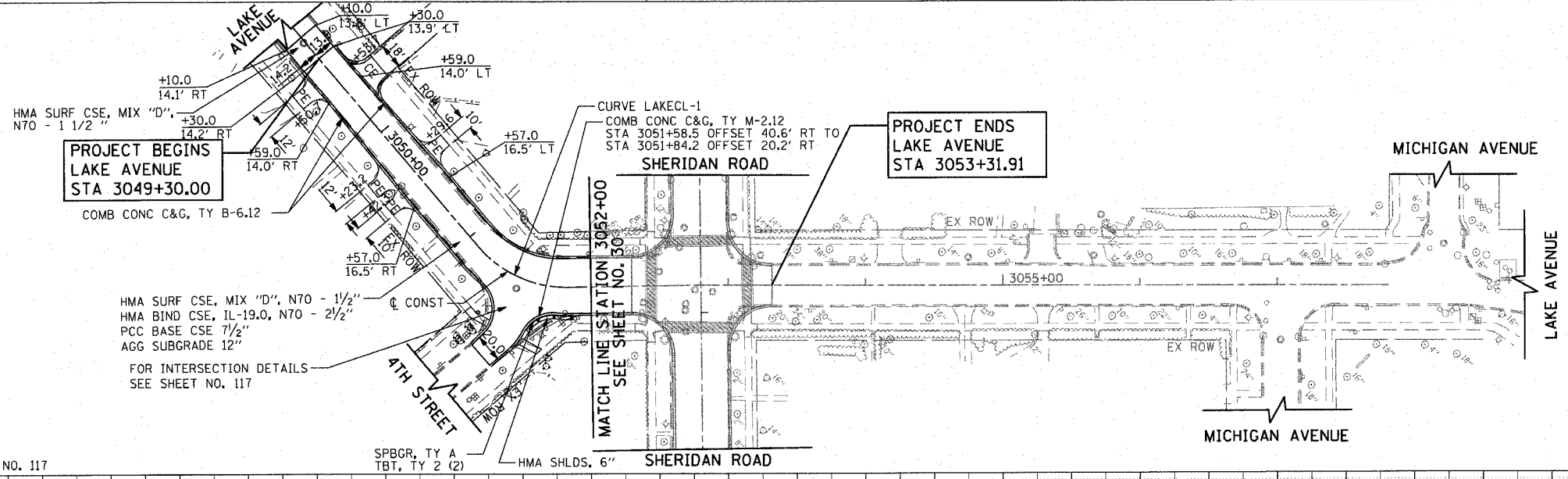


CONTRACT NO. 83964				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	37
STA. 3049+00		TO STA. 3057+82		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



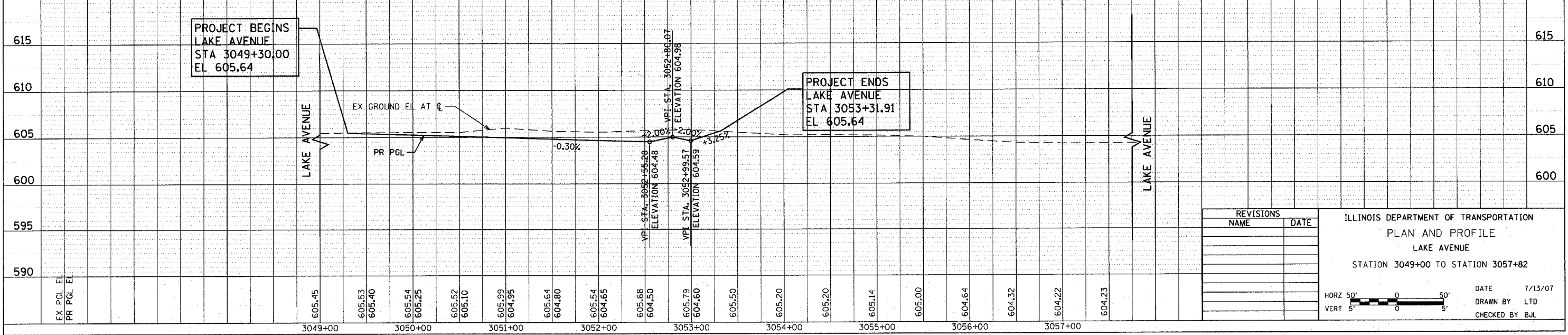
EXISTING

CURVE LAKECL-1  
 PT STA. = 3051+48.70  
 Δ = 50° 33' 09" (LT)  
 R = 85.00'  
 T = 40.14'  
 L = 75.00'  
 Δ = 9.00'  
 Δ = 2.00%  
 Δ = 34'  
 PC STA = 3051+08.56  
 PT STA = 3051+83.56



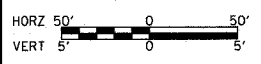
PROPOSED

FOR LEGEND AND NOTES SEE SHEET NO. 26  
 FOR SUPERELEVATION DETAILS SEE SHEET NO. 117



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PLAN AND PROFILE  
 LAKE AVENUE  
 STATION 3049+00 TO STATION 3057+82



DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL

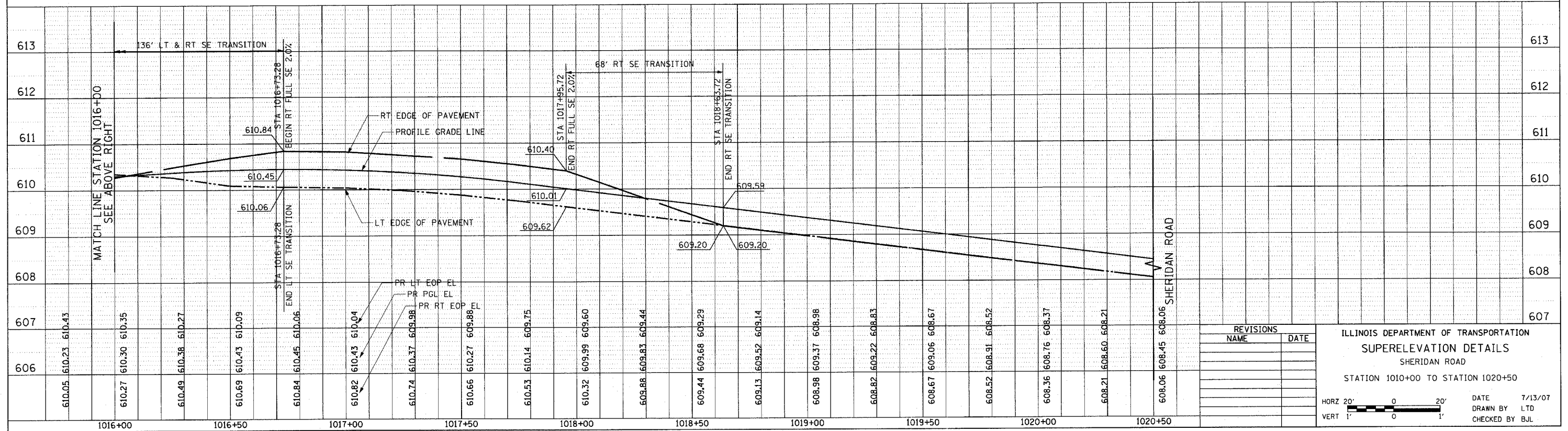
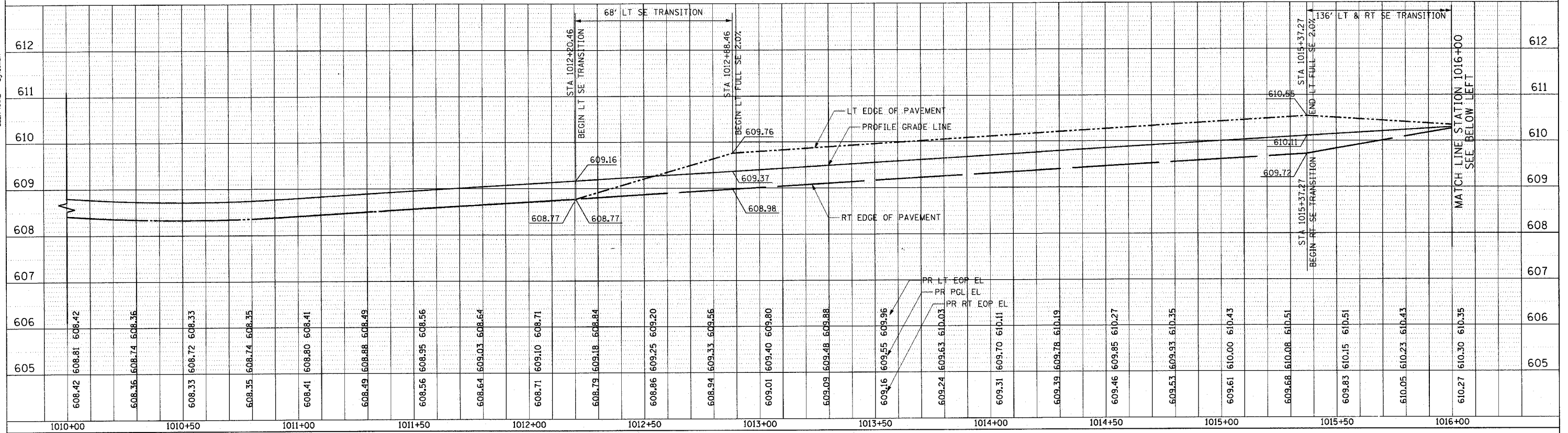
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	38
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLOT DATE = 7/12/2007  
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 USER NAME = b.johnson / IN

PLAN	DATE
SURVEYED ALIGNED CHECKED NO.	

PROFILE	DATE
SURVEYED GRADES CHECKED NO.	

1051 PERIMETER DRIVE SUITE 1025  
 SCHAMBURG, ILLINOIS 60173  
 (847) 805-9800



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUPERELEVATION DETAILS**  
 SHERIDAN ROAD  
 STATION 1010+00 TO STATION 1020+50

HORZ 20' 0 20'  
 VERT 1' 0 1'

DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL

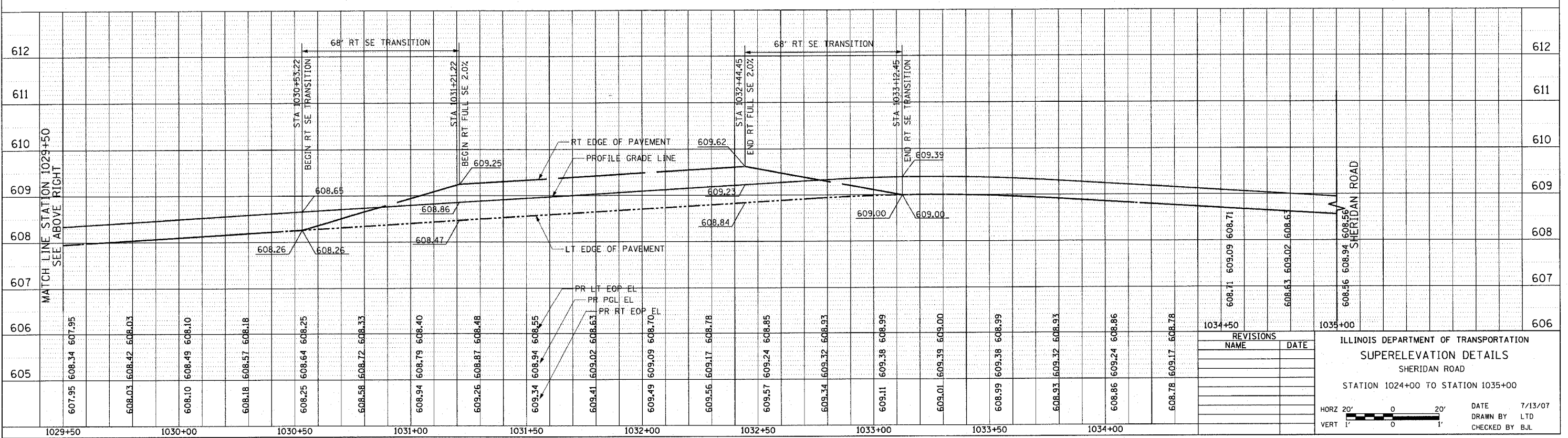
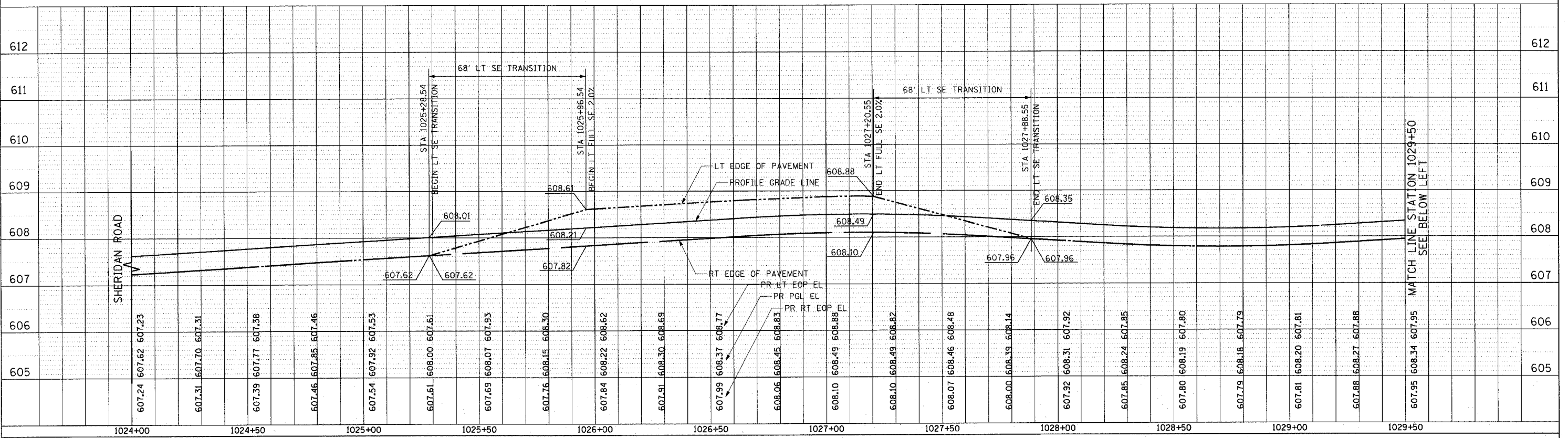
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	39
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PLOT DATE = 7/12/2007  
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PLAN  
 NO. \_\_\_\_\_  
 BY \_\_\_\_\_  
 DATE \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 ALIGNED \_\_\_\_\_  
 CHECKED \_\_\_\_\_  
 REVISIONS \_\_\_\_\_  
 NO. \_\_\_\_\_

PROFILE  
 NO. \_\_\_\_\_  
 BY \_\_\_\_\_  
 DATE \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 GRADES NOTED \_\_\_\_\_  
 CHECKED \_\_\_\_\_  
 REVISIONS \_\_\_\_\_  
 NO. \_\_\_\_\_

1051 PERIMETER DRIVE, SUITE 1025  
 SCHAMBERG, ILLINOIS 60173  
 (847) 605-9600  
**TransSystems**



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUPERELEVATION DETAILS**  
 SHERIDAN ROAD  
 STATION 1024+00 TO STATION 1035+00

HORZ 20' 0 20'  
 VERT 1' 0 1'

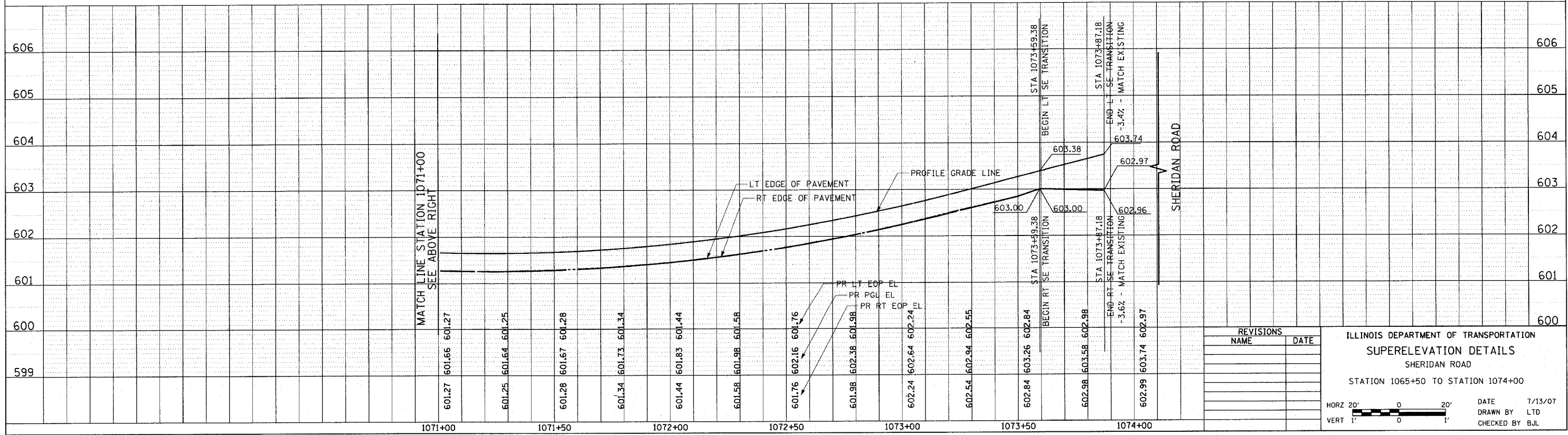
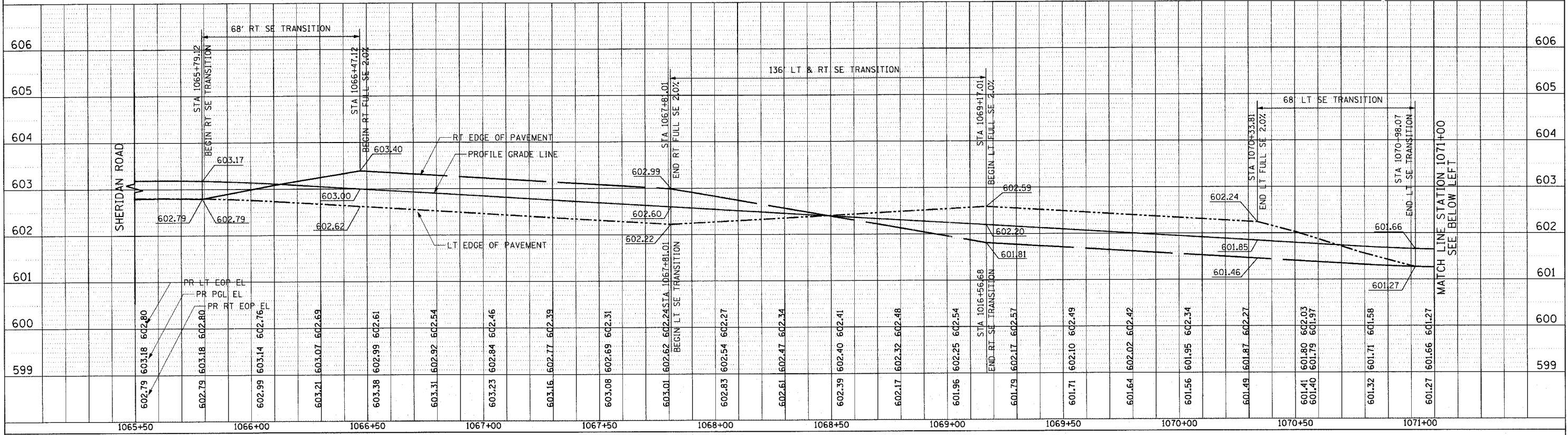
DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY B.JL

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	40
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PLAN  
 SURVEYED  
 PLOTTED  
 CHECKED  
 NOTE BOOK NO. \_\_\_\_\_  
 DATE \_\_\_\_\_  
 BY \_\_\_\_\_

PROFILE  
 SURVEYED  
 PLOTTED  
 CHECKED  
 NOTE BOOK NO. \_\_\_\_\_  
 DATE \_\_\_\_\_  
 BY \_\_\_\_\_

1051 PERIMETER DRIVE, SUITE 1025  
 SCHAMBURG, ILLINOIS 60173  
 (847) 605-9600



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUPERELEVATION DETAILS**  
 SHERIDAN ROAD  
 STATION 1065+50 TO STATION 1074+00

HORIZ 20' 0 20'  
 VERT 1' 0 1'

DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL



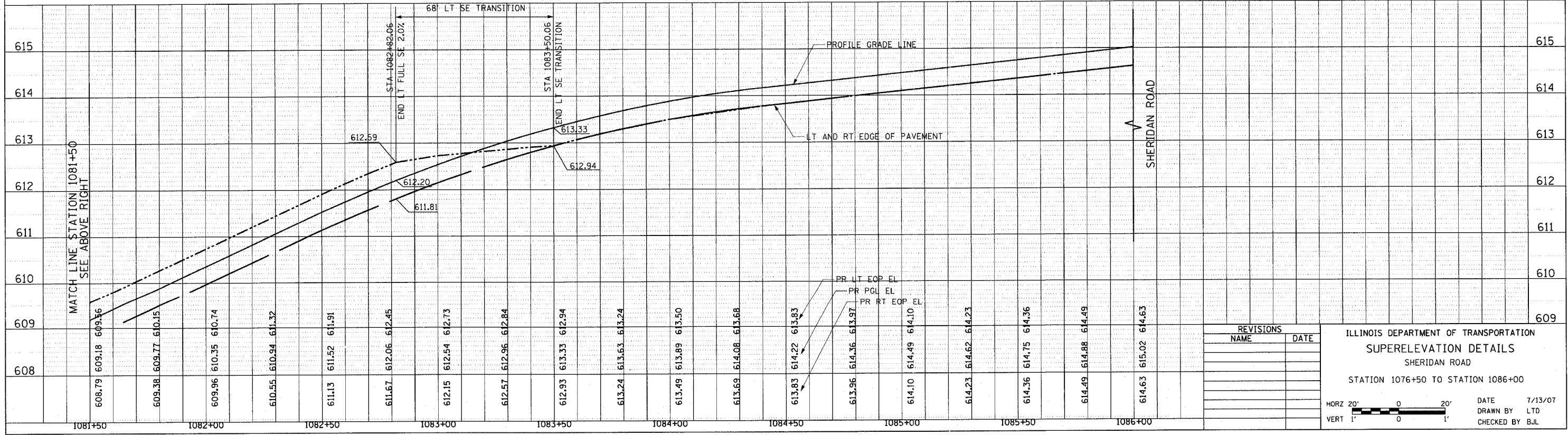
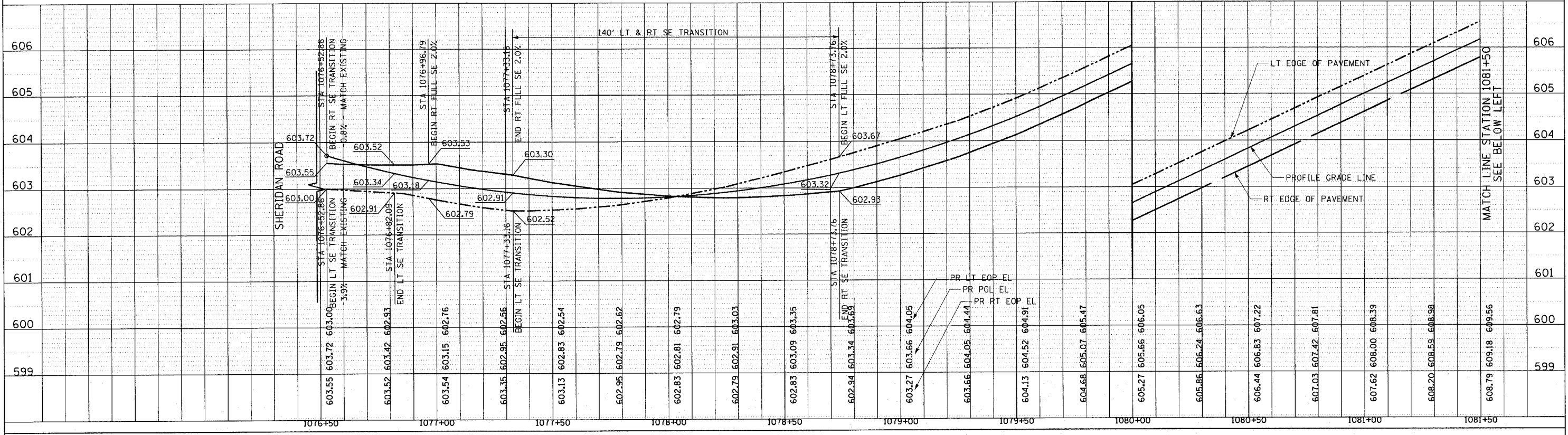
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	41
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PLAN  
 SURVEYED  
 PLOTTED  
 CHECKED  
 R.T. OF WAY CHECKED  
 NO. \_\_\_\_\_  
 CAD FILE NAME \_\_\_\_\_  
 USER NAME = E:\johnson

DATE \_\_\_\_\_ BY \_\_\_\_\_  
 DATE \_\_\_\_\_ BY \_\_\_\_\_

PROFILE  
 SURVEYED  
 PLOTTED  
 CHECKED  
 BLA. NOTED  
 STRUCTURE NOTATIONS CH'D  
 NO. \_\_\_\_\_

1051 PERMETER DRIVE SUITE 1025  
 SCHAUMBURG, ILLINOIS 60173  
 (847) 605-9900



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUPERELEVATION DETAILS**  
 SHERIDAN ROAD  
 STATION 1076+50 TO STATION 1086+00

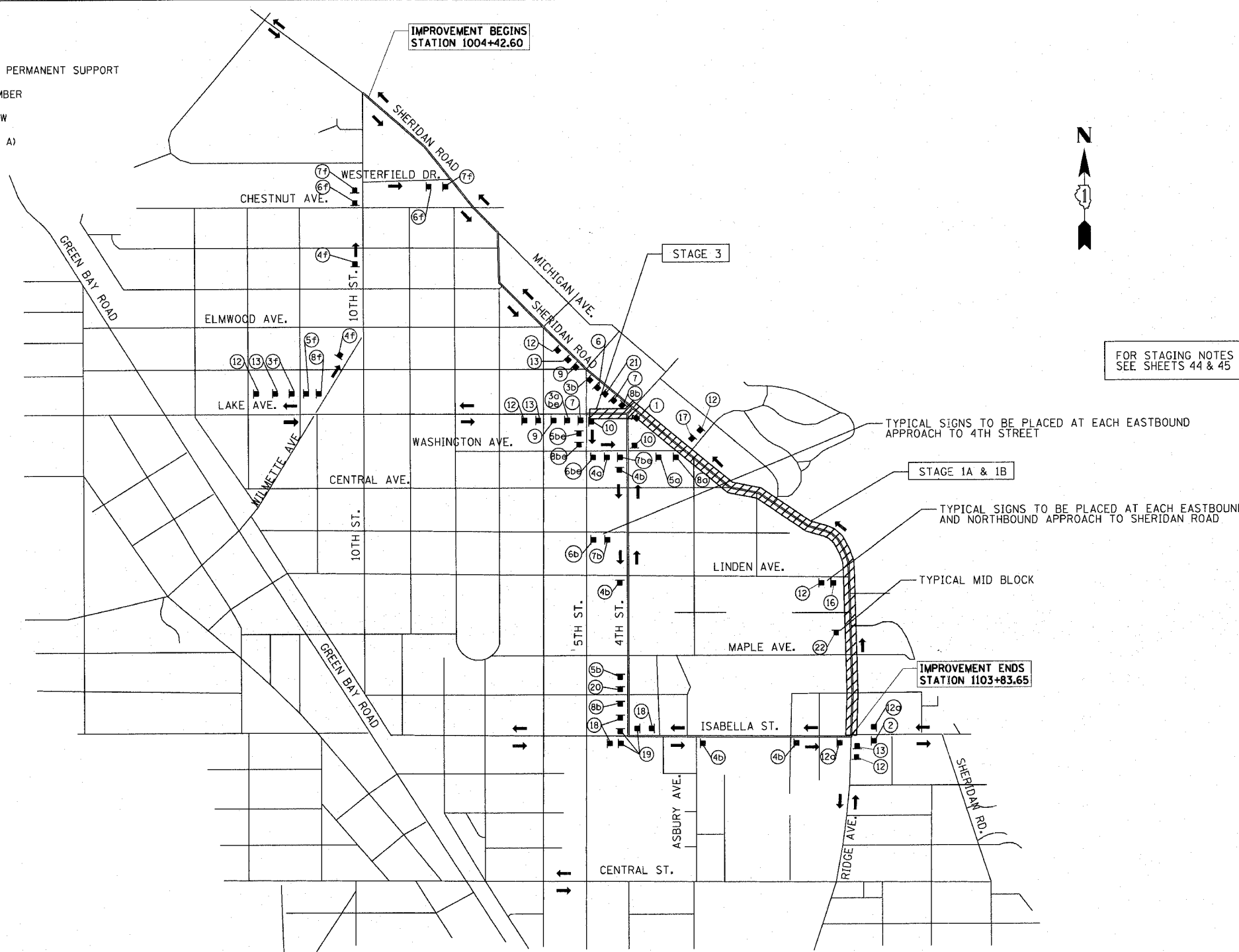
HORIZ 20' 0 20'  
 VERT 1' 0 1'

DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	42
STA. 1004+42.60		TO STA. 1103+83.65		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

- LEGEND**
- SIGN ON PORTABLE OR PERMANENT SUPPORT
  - ⊙ SIGN DESCRIPTION NUMBER
  - ⇄ TWO-WAY TRAFFIC FLOW
  - ⚡ FLASHING LIGHT (TYPE A)
  - DETOUR ROUTE
  - ▨ WORK AREA

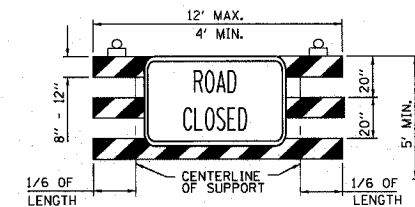
PLOT DATE = 7/12/2007  
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 PLOT SCALE = 3/8"=1'-0"  
 USER NAME = bjoelmen



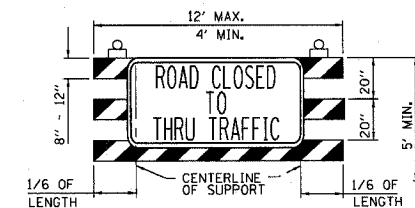
FOR STAGING NOTES SEE SHEETS 44 & 45

**NOTES:**

1. SEE STATE STANDARDS AND DETOUR PLANS FOR SIGNING AND BARRICADES ALONG SHERIDAN ROAD.
2. LOCAL ACCESS FOR ALL RESIDENTS AND BUSINESSES SHALL BE MAINTAINED AT ALL TIMES.
3. ALL DETOUR SIGNING AND TRAFFIC CONTROL DEVICES FOR ALL CONSTRUCTION STAGES SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION.
4. DETOUR ROUTE FOR EASTBOUND LAKE AVE. USE WILMETTE AVE., 10TH ST. AND WESTERFIELD DR.
5. SIDEWALKS SHALL BE MAINTAINED AT ALL TIMES USING AGGREGATE FOR TEMPORARY ACCESS, TO BE PAID FOR AS "TEMPORARY ACCESS (SIDEWALK)".
6. BICYCLISTS ARE TO FOLLOW THE ROADWAY DETOUR. BICYCLE DETOUR SIGNS ARE TO BE PLACED AS SHOWN.
7. THE CITY OF EVANSTON AND VILLAGE OF WILMETTE ARE TO BE INVOLVED IN THE TIMING OF THE INSTALLATION AND REMOVAL OF THE TEMPORARY STOP SIGNS AT THE INTERSECTION OF 4TH ST. AND ISABELLA ST.



- ① ROAD CLOSED TO ALL TRAFFIC  
 TYPE III BARRICADE  
 STANDARD FLASHING  
 (DOT HWY STD 702001)  
 W/ R11-2 (48" x 30")



- ⑩ ROAD CLOSED TO THRU TRAFFIC  
 TYPE III BARRICADE  
 STANDARD FLASHING  
 (DOT HWY STD 702001)  
 W/ R11-4 (60" x 30")

② M4-8A 48" X 48"	③ W20-2 48" X 48" STANDARD FLASHING BLACK ON ORANGE (REFLECTORIZED)	④ M4-9 30" X 24" BLACK ON ORANGE (REFLECTORIZED)	⑤ M4-9(BL) 30" X 24" BLACK ON ORANGE (REFLECTORIZED)	⑥ M4-9(BR) 30" X 24" BLACK ON ORANGE (REFLECTORIZED)	⑦ M4-9R 30" X 24" BLACK ON ORANGE (REFLECTORIZED)	⑧ M4-9L 30" X 24" BLACK ON ORANGE (REFLECTORIZED)	⑨ W20-3A 48" X 48" STANDARD FLASHING	⑪ M4-10L 48" X 24" BLACK ON ORANGE (REFLECTORIZED)	⑫ R5-1 30" X 30" BLACK ON ORANGE (REFLECTORIZED)
⑬ W20-1 (O)-48	⑬ W21-1a(O)-48	⑭ M4-10R 48" X 24" BLACK ON ORANGE (REFLECTORIZED)	⑮ CHANGEABLE MESSAGE SIGN	⑯ R3-1 24" X 24" (REFLECTORIZED)	⑰ R3-2 24" X 24" (REFLECTORIZED)	⑱ W3-1 36" X 36" (REFLECTORIZED)	⑲ R1-1 30" X 30" (REFLECTORIZED)	⑳ M4-9c (L) 30" X 24" BLACK ON ORANGE (REFLECTORIZED)	㉑ M4-9c (R) 30" X 24" BLACK ON ORANGE (REFLECTORIZED)

SHERIDAN RD. NORTHBOUND a. W17-1100 (2 EACH) 24" X 12" BLACK ON ORANGE (REFLECTORIZED)	ISABELLA ST. WESTBOUND c. W17-1100 (2 EACH) 24" X 12" BLACK ON ORANGE (REFLECTORIZED)	FOURTH ST. SOUTHBOUND e. W17-1100 (2 EACH) 24" X 12" BLACK ON ORANGE (REFLECTORIZED)	LAKE AVE. EASTBOUND f. W17-1100 (2 EACH) 24" X 12" BLACK ON ORANGE (REFLECTORIZED)
SHERIDAN RD. SOUTHBOUND b. W17-1100 (2 EACH) 24" X 12" BLACK ON ORANGE (REFLECTORIZED)	ISABELLA ST. EASTBOUND d. W17-1100 (2 EACH) 24" X 12" BLACK ON ORANGE (REFLECTORIZED)		

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

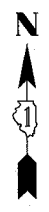
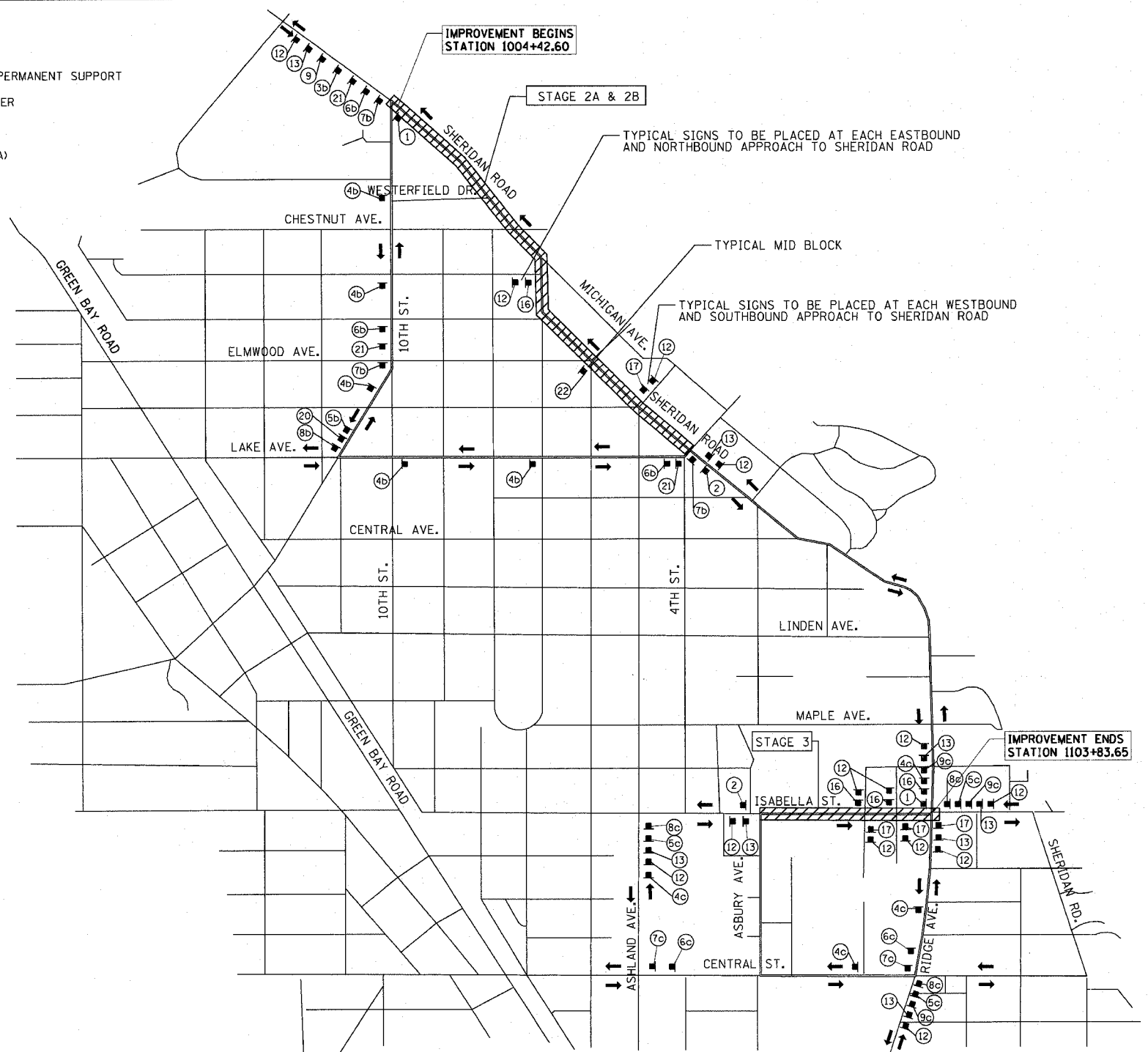
**DETOUR PLAN  
CONSTRUCTION STAGE 1**

DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL

50' 0 50'  
 HORIZ. 1"=50'

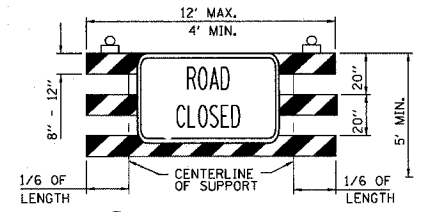
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	43
STA. 1004+42.60		TO STA. 1103+83.65		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

- LEGEND**
- SIGN ON PORTABLE OR PERMANENT SUPPORT
  - ⊙ SIGN DESCRIPTION NUMBER
  - ⇄ TWO-WAY TRAFFIC FLOW
  - ⚡ FLASHING LIGHT (TYPE A)
  - DETOUR ROUTE
  - ▨ WORK AREA

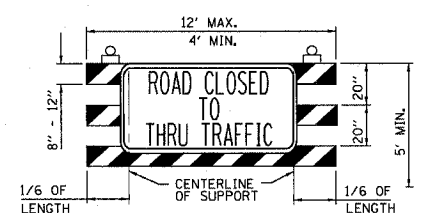


FOR STAGING NOTES  
SEE SHEETS 44 & 45

- NOTES:**
- SEE STATE STANDARDS AND DETOUR PLANS FOR SIGNING AND BARRICADES ALONG SHERIDAN ROAD.
  - LOCAL ACCESS FOR ALL RESIDENTS AND BUSINESSES SHALL BE MAINTAINED AT ALL TIMES.
  - ALL DETOUR SIGNING AND TRAFFIC CONTROL DEVICES FOR ALL CONSTRUCTION STAGES SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION.
  - DETOUR ROUTE FOR EASTBOUND LAKE AVE. USE WILMETTE AVE., 10TH ST. AND WESTERFIELD DR.
  - DETOUR ROUTE FOR WESTBOUND ISABELLA STREET SHALL USE RIDGE AVE., CENTRAL ST., AND ASHLAND AVE.
  - SIDEWALKS SHALL BE MAINTAINED AT ALL TIMES USING AGGREGATE FOR TEMPORARY ACCESS, TO BE PAID FOR AS "TEMPORARY ACCESS (SIDEWALK)".
  - BICYCLISTS ARE TO FOLLOW THE ROADWAY DETOUR. BICYCLE DETOUR SIGNS ARE TO BE PLACED AS SHOWN.
  - THE CITY OF EVANSTON AND VILLAGE OF WILMETTE ARE TO BE INVOLVED IN THE TIMING OF THE INSTALLATION AND REMOVAL OF THE TEMPORARY STOP SIGNS AT THE INTERSECTION OF 4TH ST. AND ISABELLA ST.



- ① ROAD CLOSED TO ALL TRAFFIC  
TYPE III BARRICADE  
STANDARD FLASHING  
(DOT HWY STD 702001)  
W/ R11-2 (48" x 30")



- ⑩ ROAD CLOSED TO THRU TRAFFIC  
TYPE III BARRICADE  
STANDARD FLASHING  
(DOT HWY STD 702001)  
W/ R11-4 (60" x 30")

- ② M4-8A 48" X 48" END DETOUR
- ③ W20-2 48" X 48" DETOUR AHEAD
- ④ M4-9 30" X 24" DETOUR (UP)
- ⑤ M4-9(BL) 30" X 24" DETOUR (LEFT)
- ⑥ M4-9(BR) 30" X 24" DETOUR (RIGHT)
- ⑦ M4-9R 30" X 24" DETOUR (RIGHT)
- ⑧ M4-9L 30" X 24" DETOUR (LEFT)
- ⑨ W20-3A 48" X 48" ROAD CLOSED AHEAD
- ⑩ M4-10L 48" X 24" DETOUR (LEFT)
- ⑪ R5-1 30" X 30" DO NOT ENTER
- ⑫ W20-1 (O)-48 ROAD CONSTRUCTION AHEAD
- ⑬ W21-1a(O)-48 BICYCLE DETOUR
- ⑭ M4-10R 48" X 24" DETOUR (RIGHT)
- ⑮ CHANGEABLE MESSAGE SIGN
- ⑯ R3-1 24" X 24" NO LEFT TURN
- ⑰ R3-2 24" X 24" NO RIGHT TURN
- ⑱ W3-1 36" X 36" STOP
- ⑲ R1-1 30" X 30" STOP
- ⑳ M4-9c (L) 30" X 24" DETOUR (LEFT)
- ㉑ M4-9c (R) 30" X 24" DETOUR (RIGHT)

- SHERIDAN RD. NORTHBOUND: a. W17-1100 (2 EACH) 24" X 12" BLACK ON ORANGE (REFLECTORIZED)
- SHERIDAN RD. SOUTHBOUND: b. W17-1100 (2 EACH) 24" X 12" BLACK ON ORANGE (REFLECTORIZED)
- ISABELLA ST. WESTBOUND: c. W17-1100 (2 EACH) 24" X 12" BLACK ON ORANGE (REFLECTORIZED)
- ISABELLA ST. EASTBOUND: d. W17-1100 (2 EACH) 24" X 12" BLACK ON ORANGE (REFLECTORIZED)
- FOURTH ST. SOUTHBOUND: e. W17-1100 (2 EACH) 24" X 12" BLACK ON ORANGE (REFLECTORIZED)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**DETOUR PLAN  
CONSTRUCTION STAGE 2**

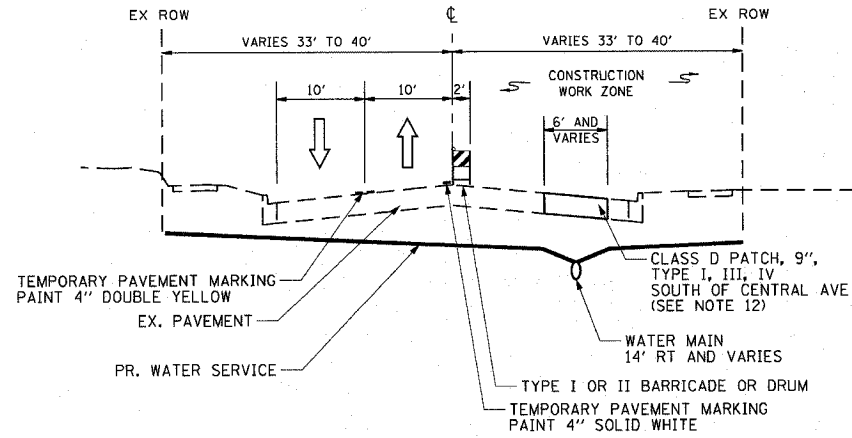
DATE 7/12/2007  
DRAWN BY LTD  
CHECKED BY BJL

PLOT DATE = 7/12/2007  
 PLOT SCALE = 3/8" = 1'-0"  
 USER NAME = bjoelien

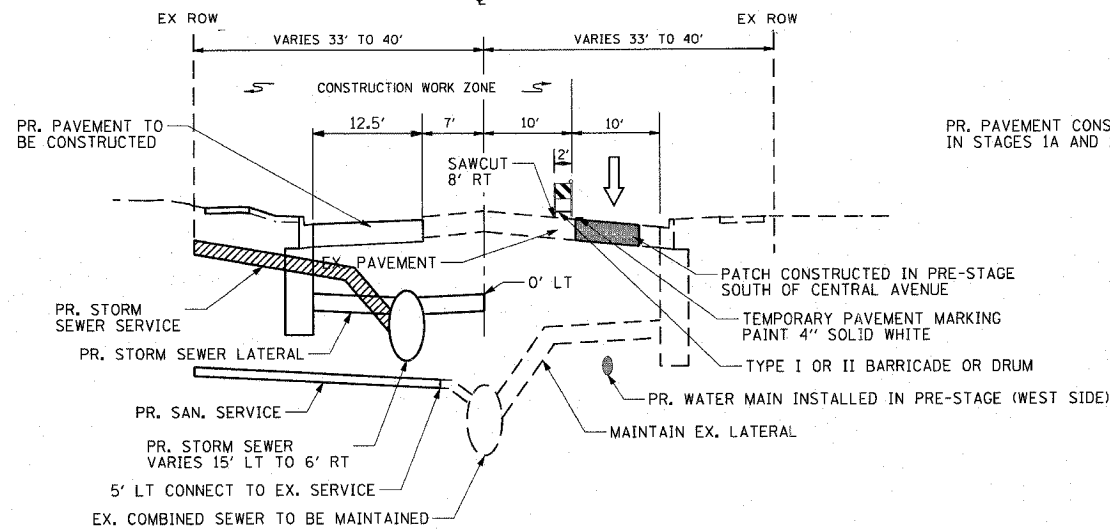
1081 PERIMETER DRIVE, SUITE 1025  
 SHALIMBURG, ILLINOIS 60173  
 (847) 605-9800



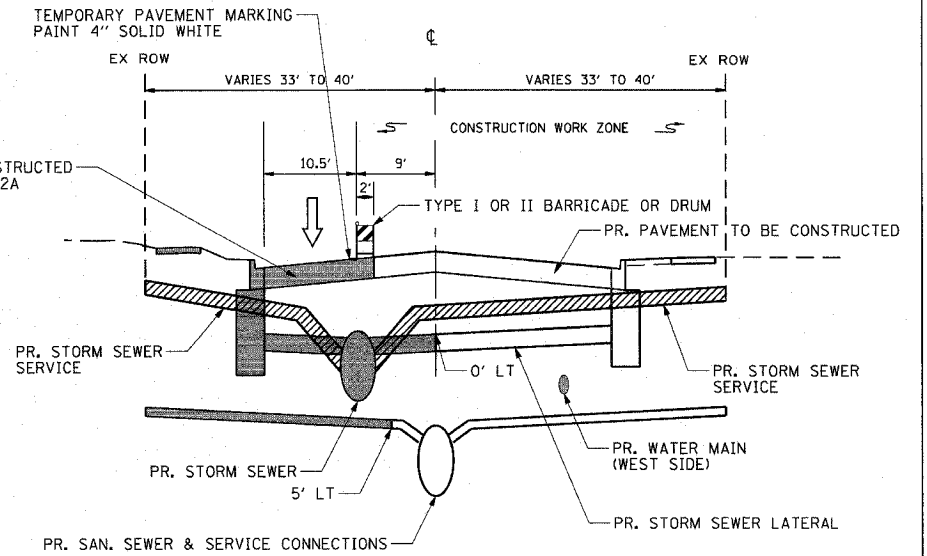
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FF	COOK	246	44
STA.		TO STA.		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



**TYPICAL SECTION (LOOKING SOUTH)**  
10TH ST. TO MAPLE AVE. PRE-STAGE



**TYPICAL SECTION (LOOKING SOUTH)**  
CENTRAL AVE. TO ISABELLA ST. STAGE 1A  
LAKE AVE. TO CENTRAL AVE. STAGE 1A  
10TH ST. TO LAKE AVE. STAGE 2A



**TYPICAL SECTION (LOOKING SOUTH)**  
CENTRAL AVE. TO ISABELLA ST. STAGE 1B  
LAKE AVE. TO CENTRAL AVE. STAGE 1B  
10TH ST. TO LAKE AVE. STAGE 2B

**SUGGESTED CONSTRUCTION STAGING:**

**PRE-STAGE: WATERMAIN, RETAINING WALL & SEWER OUTFALLS**

- CONSTRUCT SEWER OUTFALLS AT NORTH SHORE CHANNEL ADJACENT TO SHERIDAN RD. MAINTAINING EXISTING TRAFFIC PATTERN.
- ESTABLISH TWO-WAY TRAFFIC ON EAST SIDE OF SHERIDAN RD. THE FOLLOWING OPERATIONS TO BE PERFORMED ALONG THE WEST HALF OF SHERIDAN RD.:
  - CONSTRUCT PROPOSED WATER MAIN AS SHOWN IN PLANS.
  - INSTALL WATER SERVICE CONNECTIONS, BOTH SIDES OF SHERIDAN RD.
  - WATER SERVICE CONNECTIONS TO BE INSTALLED BY METHOD OF BORING.
  - CONSTRUCT PAVEMENT PATCHING SOUTH OF CENTRAL AVE.
  - CONSTRUCT PROPOSED RETAINING WALL ALONG WEST SIDE OF SHERIDAN RD. AS SHOWN ON PLANS.
- DETERMINE ELEVATION OF EXISTING WEST SIDE SANITARY SERVICES BETWEEN STA. 1017+50 TO STA. 1026+50 AND EAST SIDE SANITARY SERVICES BETWEEN STA. 1084+00 TO STA. 1094+00. PAID FOR AS EXPLORATION TRENCH AT EACH SERVICE.

**STAGE 1A: ISABELLA ST. TO CENTRAL AVE., EAST SIDE  
CENTRAL AVE. TO LAKE AVE., WEST SIDE**

- INSTALL DETOUR PER PLAN DETAILS AND CLOSE SHERIDAN RD. TO SOUTHBOUND TRAFFIC WITHIN LIMITS SPECIFIED. SOUTHBOUND TRAFFIC SHALL BE TRANSITIONED FROM TWO LANES TO ONE BETWEEN 5TH ST. AND LAKE AVE. INSTALL TEMPORARY TRAFFIC SIGNALS AND ESTABLISH ONE-WAY NORTHBOUND TRAFFIC ON WEST SIDE OF SHERIDAN RD. BETWEEN ISABELLA ST. AND CENTRAL AVE., AND ON THE EAST SIDE OF SHERIDAN ROAD BETWEEN CENTRAL AVE. AND LAKE AVE. FOLLOW STANDARDS 701501-03, 701502-01, AND 701701-04 FOR STAGING TRANSITIONS AND SIGN SPACING.
- INSTALL DETOUR FOR LAKE AVE. PER PLAN DETAILS AND CLOSE LAKE AVE. TO EASTBOUND TRAFFIC FROM 5TH ST. TO SHERIDAN RD. ESTABLISH ONE-WAY WESTBOUND TRAFFIC ON NORTH SIDE OF LAKE AVE.
- INSTALL TEMPORARY ALL-WAY STOP AT THE INTERSECTION OF 4TH ST. AND ISABELLA ST.
- THE FOLLOWING OPERATIONS TO BE PERFORMED ALONG SHERIDAN RD.
  - REMOVE EXISTING PAVEMENT AND CURB & GUTTER.
  - PERFORM NECESSARY UTILITY ADJUSTMENTS.
  - CONSTRUCT MAINLINE STORM SEWER AND MANHOLES.
  - CONSTRUCT LATERALS WITH DRAINAGE STRUCTURES, AND LATERALS FOR OTHER SIDE OF ROADWAY TO CENTERLINE.
  - MAINTAIN OPPOSITE SIDE DRAINAGE TO EXISTING COMBINED SEWER.
  - CONSTRUCT SANITARY SERVICE CONNECTIONS FROM R.O.W. TO 5' OF EX COMBINED SEWER BY METHOD OF BORING AT TREE LOCATIONS, CONNECT TO EXISTING.
  - INSTALL CONDUIT AND FOUNDATIONS FOR PERMANENT TRAFFIC SIGNALS.
  - CONSTRUCT AGGREGATE BASE, CONCRETE CURB & GUTTER, PCC BASE COURSE AND HMA BINDER COURSE (12.5' PAVED WIDTH).
  - CONSTRUCT SW QUADRANT OF SHERIDAN RD./LAKE AVE. INTERSECTION. (SEE SUBSTAGE 1A)
  - CONSTRUCT NW QUADRANT OF SHERIDAN RD./LAKE AVE. INTERSECTION. (SEE SUBSTAGE 1A)
  - PLACE TEMPORARY EROSION CONTROL SEEDING ON THE CONSTRUCTION SIDE OF THE ROADWAY.

**SUB-STAGE 1A: LAKE AVENUE**

- SHIFT NORTHBOUND TRAFFIC WEST OF THE CENTERLINE TO CONSTRUCT PAVEMENT AT SOUTHEAST AND NORTHEAST QUADRANTS OF THE LAKE AVE. INTERSECTION

**STAGE 1B: ISABELLA ST. TO CENTRAL AVE., WEST SIDE  
CENTRAL AVE. TO LAKE AVE., EAST SIDE**

- ESTABLISH ONE-WAY NORTHBOUND TRAFFIC ON EAST SIDE OF SHERIDAN RD. BETWEEN ISABELLA ST. AND CENTRAL AVE., AND ON THE WEST SIDE OF SHERIDAN ROAD BETWEEN CENTRAL AVE. AND LAKE AVE. FOLLOW STANDARDS 701501-03, 701502-01, AND 701701-04 FOR STAGING TRANSITIONS AND SIGN SPACING.
- MAINTAIN DETOUR FOR LAKE AVE. ESTABLISHED IN STAGE A. MAINTAIN ONE-WAY WESTBOUND TRAFFIC ON NORTH SIDE OF LAKE AVE.
- THE FOLLOWING OPERATIONS TO BE PERFORMED ALONG SHERIDAN RD.:
  - REMOVE EXISTING PAVEMENT AND CURB & GUTTER.
  - PERFORM NECESSARY UTILITY ADJUSTMENTS.
  - REMOVE EXISTING COMBINED SEWER AND CONSTRUCT PROPOSED SANITARY MAINLINE.
  - COMPLETE SANITARY SEWER CONNECTIONS BOTH SIDES, USING METHOD OF BORING AT TREE LOCATIONS.
  - CONSTRUCT STORM SEWER LATERALS AND INSTALL DRAINAGE STRUCTURES.
  - INSTALL CONDUIT AND FOUNDATIONS FOR PERMANENT TRAFFIC SIGNALS.
  - CONSTRUCT AGGREGATE BASE, CONCRETE CURB & GUTTER, PCC BASE COURSE AND HMA BINDER COURSE.
  - OPEN LAKE AVE. TO TWO-WAY TRAFFIC.
  - INSTALL PERMANENT TRAFFIC SIGNALS
  - PLACE TEMPORARY EROSION CONTROL SEEDING ON THE CONSTRUCTION SIDE OF THE ROADWAY.
  - OPEN SHERIDAN RD. TO TWO-WAY TRAFFIC WITHIN LIMITS SPECIFIED.
  - REMOVE TEMPORARY ALL-WAY STOP AT THE INTERSECTION OF 4TH ST. AND ISABELLA ST.

**GENERAL NOTES:**

- STAGING PROCEDURES PRESENTED ARE THE SUGGESTED SEQUENCE OF OPERATIONS. THE CONTRACTOR MAY SUBMIT AN ALTERNATIVE STAGING PROPOSAL TO THE ENGINEER FOR HIS APPROVAL. THE CONTRACTOR SHALL NOT BE ENTITLED TO ADDITIONAL COMPENSATION FOR HIS CHANGE IN STAGING. NOTE THAT ONLY CERTAIN SECTIONS OF SHERIDAN ROAD MAY BE CLOSED AT ONE TIME AND ONE WAY TRAFFIC WILL NOT BE ALLOWED BETWEEN NOVEMBER 19, 2007 AND MARCH 14, 2008. FOR COMPLETION AND INTERIM COMPLETION DATES, SEE THE SPECIAL PROVISIONS
- INGRESS AND EGRESS TO DRIVEWAYS AND SIDE STREETS SHALL BE MAINTAINED AS SHOWN ON THE PLANS AND/OR AS DIRECTED BY THE ENGINEER. ACCESS TO ALL RESIDENTS AND BUSINESSES MUST BE MAINTAINED AT ALL TIMES. DRIVEWAY CONSTRUCTION WORK SHALL BE STAGED TO ALLOW ACCESS. ENTRANCE SIGNS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION.
- THE CONTRACTOR SHALL MAINTAIN TRAFFIC IN ACCORDANCE WITH THE SPECIAL PROVISIONS, STATE STANDARDS, STANDARD SPECIFICATIONS, AND AS DIRECTED BY THE ENGINEER.
- THE ENGINEER SHALL BE INFORMED 48 HOURS IN ADVANCE OF ANY CHANGE IN CONSTRUCTION STAGING.
- CITY OF EVANSTON ORDINANCES RESTRICT CONSTRUCTION TO BETWEEN 7:00 A.M. AND 7:00 P.M., MONDAY THROUGH SATURDAY. THE CLOSURE OF ONE THROUGH TRAFFIC LANE FOR ANY REASON DIFFERENT THAN WHAT IS SHOWN ON THE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS SHALL BE RESTRICTED TO THE WEEKDAY HOURS OF 9:00 A.M. TO 3:30 P.M. AND BE APPROVED BY THE ENGINEER. ANY VIOLATION OF THESE REQUIREMENTS SHALL BE CONSIDERED A TRAFFIC CONTROL DEFICIENCY ACCORDING TO THE SPECIAL PROVISIONS.
- THE CONTRACTOR SHALL BE REQUIRED TO REMOVE ALL EXISTING PAVEMENT MARKINGS WHICH CONFLICT WITH THE DESIGNATED TRAFFIC CONTROL PLAN. THIS WORK SHALL BE PAID FOR AS PAVEMENT MARKING REMOVAL OR WORK ZONE PAVEMENT MARKING REMOVAL.
- ALL TEMPORARY PAVEMENT MARKINGS SHOWING DETERIORATION SHALL BE REPLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL ONLY BE PAID FOR THE FIRST TWO APPLICATIONS OF TEMPORARY PAVEMENT MARKINGS AND NOT FOR REPLACEMENT OF ANY MARKINGS REQUIRED WITHIN THE FIRST SEVEN DAYS AFTER PLACEMENT. ALL MARKINGS REQUIRING REPLACEMENT AFTER THE SECOND PLACEMENT SHALL BE REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.
- THE FURNISHING, INSTALLING, AND RELOCATION OF ALL TRAFFIC SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION. ALL CONFLICTING TRAFFIC SIGNS SHALL BE COVERED AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION.
- ALL UNBALLASTED TYPE I AND II BARRICADES SHALL HAVE TWO (2) SANDBAGS ON THE BOTTOM RAIL. ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR (4) SANDBAGS PER BARRICADE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING DRAINAGE OF THE ROADWAY DURING ALL STAGES OF CONSTRUCTION. THIS INCLUDES ADJUSTING THE EXISTING DRAINAGE STRUCTURE FRAMES DURING STAGE I LOCATED ALONG THE EDGE OF PAVEMENT. A QUANTITY OF 6 INLETS, TYPE A, SPECIAL, TYPE I FRAME, OPEN LID, AND 200 FT OF 12 INCH STORM SEWER HAVE BEEN PROVIDED FOR TEMPORARY USE. EXISTING DRAINAGE STRUCTURES, AS NOTED ON THE TRAFFIC CONTROL SHEETS, WILL ALSO REQUIRE MODIFICATIONS TO BE USED FOR TEMPORARY DRAINAGE. REMOVAL OF THESE ITEMS, AS NECESSARY, WILL BE CONSIDERED INCLUDED IN THE COST OF INSTALLATION. THE CONTRACTOR MAY SALVAGE ALL OF THESE REMOVED TEMPORARY ITEMS AND, WITH APPROVAL OF THE ENGINEER, THEY MAY BE USED ELSEWHERE ON THE PROJECT.
- "WORKERS" (W21-1A) SIGNS SHALL ONLY BE ERECTED WHEN WORKERS WILL BE PRESENT.
- CLASS D PATCHES, TYPE I & III SHALL BE DETERMINED IN THE FIELD. TYPE IV PATCH SHALL BE 5' WIDE AND SHALL BE FROM STATION 1065+00 TO STATION 1098+50 WITH OMISSION AT BRIDGE.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SUGGESTED CONSTRUCTION PROCEDURE  
AND MAINTENANCE OF TRAFFIC  
TYPICAL SECTIONS AND NOTES

SHERIDAN ROAD  
DATE 7/13/07  
DRAWN BY LTD  
CHECKED BY B.JL

NO SCALE

PLOT DATE = 7/12/2007  
PLOT SCALE = 1/8" = 1'-0"  
USER NAME = bholman

1051 PERIMETER DRIVE, SUITE 1025  
SCHAMBERG, ILLINOIS 60173  
(847) 605-9600



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FF	COOK	246	45
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

**STAGE 2A: LAKE AVE. TO 10TH ST., WEST SIDE**

- INSTALL DETOUR PER PLAN DETAILS AND CLOSE SHERIDAN RD. TO SOUTHBOUND TRAFFIC WITHIN LIMITS SPECIFIED. INSTALL TEMPORARY TRAFFIC SIGNALS AND ESTABLISH ONE-WAY NORTHBOUND TRAFFIC ON EAST SIDE OF SHERIDAN RD. FOLLOW STANDARDS 701501-03, 701502-01, AND 701701-04 FOR STAGING TRANSITIONS AND SIGN SPACING.
- THE FOLLOWING OPERATIONS TO BE PERFORMED ALONG SHERIDAN RD.:
  - REMOVE EXISTING PAVEMENT AND CURB & GUTTER.
  - PERFORM NECESSARY UTILITY ADJUSTMENTS.
  - CONSTRUCT MAINLINE STORM SEWER AND MANHOLES.
  - CONSTRUCT LATERALS WITH DRAINAGE STRUCTURES, AND LATERALS FOR OTHER SIDE OF ROADWAY TO CENTERLINE.
  - MAINTAIN OPPOSITE SIDE DRAINAGE TO EXISTING COMBINED SEWER.
  - CONSTRUCT SANITARY SERVICE CONNECTIONS FROM R.O.W. TO 5' OF EXISTING COMBINED SEWER.
  - BY METHOD OF BORING AT TREE LOCATIONS, CONNECT TO EXISTING.
  - INSTALL CONDUIT AND FOUNDATIONS FOR PERMANENT TRAFFIC SIGNALS.
  - CONSTRUCT AGGREGATE BASE, CONCRETE CURB & GUTTER, PCC BASE COURSE AND HMA BINDER COURSE (12.5' PAVED WIDTH).
  - PLACE TEMPORARY EROSION CONTROL SEEDING ON THE CONSTRUCTION SIDE OF THE ROADWAY.

**WINTER SHUTDOWN: DECEMBER 1 TO MARCH 1**

FOLLOWING STAGE 2A PREPARE ROADWAY FOR WINTER SHUTDOWN. TEMPORARY PAVEMENT MARKINGS SHALL BE CONSISTANT WITH THE PROPOSED PAVEMENT MARKING PLAN. SOUTH OF LAKE AVE. MARKINGS WILL BE ON THE NEW BINDER. NORTH OF LAKE AVE. MARKING WILL BE ON EXISTING PAVEMENT AND NEW BINDER.

**STAGE 2B: LAKE AVE. TO 10TH ST., EAST SIDE**

- ESTABLISH ONE-WAY NORTHBOUND TRAFFIC ON WEST SIDE OF SHERIDAN ROAD. FOLLOW STANDARDS 701501-03, 701502-01, AND 701701-04 FOR STAGING TRANSITIONS AND SIGN SPACING.
- THE FOLLOWING OPERATIONS TO BE PERFORMED ALONG SHERIDAN RD.:
  - REMOVE EXISTING PAVEMENT AND CURB & GUTTER.
  - PERFORM NECESSARY UTILITY ADJUSTMENTS.
  - REMOVE EXISTING COMBINED SEWER AND CONSTRUCT PROPOSED SANITARY MAINLINE.
  - COMPLETE SANITARY SEWER CONNECTIONS BOTH SIDES, USING METHOD OF BORING AT TREE LOCATIONS.
  - CONSTRUCT EAST STORM SEWER LATERALS AND INSTALL DRAINAGE STRUCTURES.
  - INSTALL CONDUIT AND FOUNDATIONS FOR PERMANENT TRAFFIC SIGNALS.
  - CONSTRUCT AGGREGATE BASE, CONCRETE CURB & GUTTER, PCC BASE COURSE AND HMA BINDER COURSE.
  - INSTALL PERMANENT TRAFFIC SIGNALS
  - PLACE TEMPORARY EROSION CONTROL SEEDING ON THE CONSTRUCTION SIDE OF THE ROADWAY.
  - OPEN SHERIDAN RD. TO TWO-WAY TRAFFIC WITHIN LIMITS SPECIFIED.

**STAGE 3A: ISABELLA ST. & LAKE AVE.**

LAKE AVE. CONSTRUCTION IS TO OCCUR DURING SHERIDAN RD. STAGE 1B. ISABELLA ST. CONSTRUCTION IS TO OCCUR DURING SHERIDAN RD STAGE 2B.

- CLOSE LAKE AVE. TO EASTBOUND TRAFFIC FROM 5TH ST TO SHERIDAN RD. ESTABLISH ONE-WAY WESTBOUND TRAFFIC ON NTH SIDE OF LAKE AVE.
- CLOSE ISABELLA TO WESTBOUND TRAFFIC FROM EAST SIDE ISABELLA/ASBURY INTERSECTION TO SHERIDAN RD. ESTABLISH ONE-WAY EASTBOUND TRAFFIC ON NORTH SIDE OF ISABELLA ST.
- THE FOLLOWING OPERATIONS TO BE PERFORMED ALONG THE SOUTH SIDE OF LAKE AVE. AND ISABELLA ST.:
  - REMOVE EXISTING PAVEMENT AND CURB & GUTTER.
  - PERFORM NECESSARY UTILITY ADJUSTMENTS.
  - CONSTRUCT MAINLINE STORM SEWER AND MANHOLES.
  - CONSTRUCT SOUTH LATERALS WITH DRAINAGE STRUCTURES, NORTH LATERALS TO CENTERLINE.
  - MAINTAIN NORTH SIDE DRAINAGE STRUCTURES TO EXISTING COMBINED SEWER.
  - CONSTRUCT MAINLINE SANITARY SEWER AND SERVICE CONNECTIONS BY METHOD OF BORING AT TREE LOCATIONS.
  - INSTALL UNIT DUCT FOR STREET LIGHTING.
  - CONSTRUCT AGGREGATE BASE, CONCRETE CURB & GUTTER, PCC BASE COURSE AND HMA BINDER COURSE.
  - PLACE TEMPORARY EROSION CONTROL SEEDING ON THE SOUTH SIDE OF LAKE AVE. AND ISABELLA ST.

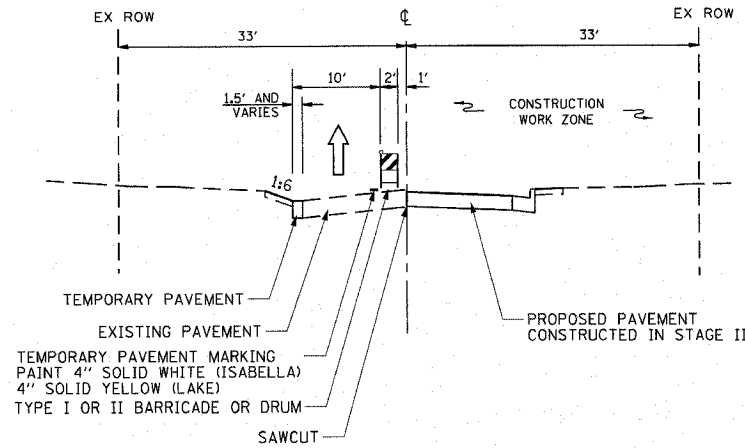
**STAGE 3B: ISABELLA ST. & LAKE AVE.**

LAKE AVE. CONSTRUCTION IS TO OCCUR DURING SHERIDAN RD. STAGE 1B. ISABELLA ST. CONSTRUCTION IS TO OCCUR DURING SHERIDAN RD. STAGE 2B.

- ESTABLISH ONE-WAY WESTBOUND TRAFFIC ON SOUTH SIDE OF LAKE AVE.
- ESTABLISH ONE-WAY EASTBOUND TRAFFIC ON SOUTH SIDE OF ISABELLA ST. AS SHOWN ON PLANS.
- THE FOLLOWING OPERATIONS ARE TO BE PERFORMED ALONG THE NORTH SIDE OF LAKE AVE. AND ISABELLA ST.:
  - REMOVE EXISTING PAVEMENT AND CURB & GUTTER.
  - PERFORM NECESSARY UTILITY ADJUSTMENTS.
  - REMOVE COMBINED SEWER AND/OR FILL SEWER AND MANHOLES.
  - CONSTRUCT NORTH STORM SEWER LATERALS AND DRAINAGE STRUCTURES.
  - INSTALL UNIT DUCT FOR STREET LIGHTING.
  - CONSTRUCT AGGREGATE BASE, CONCRETE CURB & GUTTER, PCC BASE COURSE AND HMA BINDER COURSE.
  - COMPLETE LANDSCAPING
  - OPEN ROADWAY TO TWO-WAY TRAFFIC.

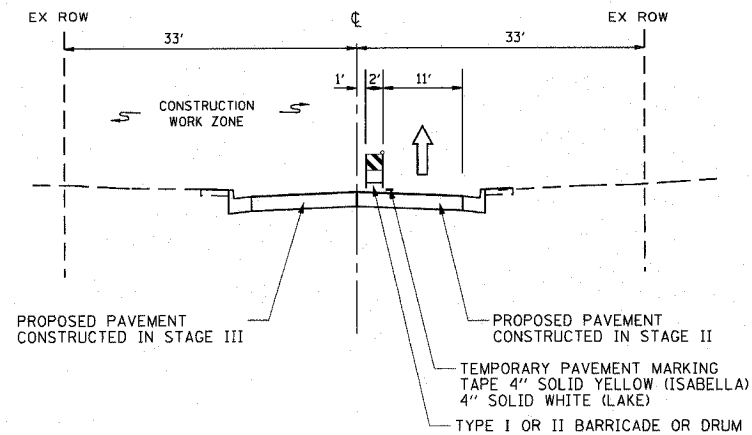
**STAGE 4: SHERIDAN RD., ISABELLA ST., LAKE AVE.**

- THE FOLLOWING OPERATIONS ARE TO BE COMPLETED WHILE MAINTAINING TWO-WAY TRAFFIC USING STANDARD 701502:
  - COMPLETE ELECTRICAL WORK.
  - COMPLETE LANDSCAPING.
  - CONSTRUCT HMA SURFACE COURSE.
  - INSTALL PERMANENT PAVEMENT MARKINGS.
  - FINAL CLEANUP AND PUNCHLIST.



**STAGE 3A TYPICAL SECTION**

(LOOKING EAST)  
ISABELLA STREET (EASTBOUND)  
LAKE AVENUE (WESTBOUND)



**STAGE 3B TYPICAL SECTION**

(LOOKING EAST)  
ISABELLA STREET (EASTBOUND)  
LAKE AVENUE (WESTBOUND)

PLOT DATE = 7/12/2007  
 PLOT SCALE = 1/8" = 10'-0"  
 USER NAME = b.j.l.

1061 PERIMETER DRIVE, SUITE 1025  
 SCHALMERSBURG, ILLINOIS 60173  
 (847) 605-9800



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SUGGESTED CONSTRUCTION PROCEDURE  
 AND MAINTENANCE OF TRAFFIC  
 TYPICAL SECTIONS AND NOTES

ISABELLA STREET

DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY B.J.L.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FF	COOK	246	46
STA. 1004+42.60		TO STA. 1025+00		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

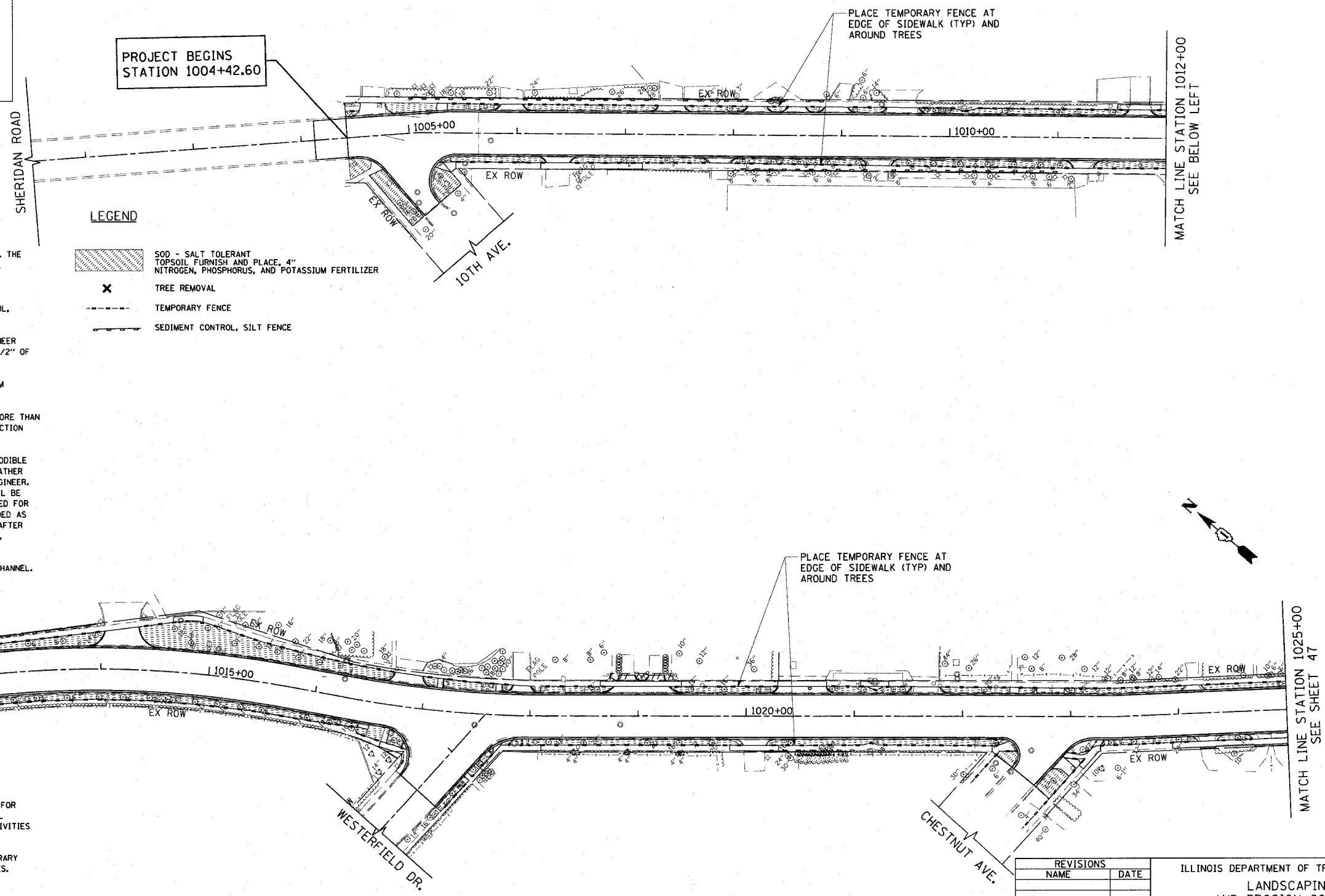
**TREE PRESERVATION**

1. TREE PRUNING, AND TREE ROOT PRUNING IS TO BE PROVIDED FOR ALL TREES WITHIN THE PROPOSED SODDING LIMITS.
2. THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THE PRESERVATION OF EXISTING TREES IS OF UTMOST IMPORTANCE TO THE VILLAGE OF WILMETTE AND THE CITY OF EVANSTON. ALL TEMPORARY FENCE, TREE REMOVAL, PRUNING AND ROOT PRUNING SHALL BE COMPLETED BEFORE CONSTRUCTION OPERATIONS COMMENCE IN ANY AREA. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE ANY TREES UNLESS SPECIFICALLY DIRECTED BY THE ENGINEER.
3. THE CONTRACTOR SHALL TAKE EXTRA CARE IN GRADING AND EXCAVATING NEAR TREES WHICH ARE NOT MARKED FOR REMOVAL SO AS NOT TO CAUSE INJURY TO THE ROOTS OR TRUNKS. HAND EXCAVATION SHALL BE PERFORMED IF MAJOR ROOTS ARE PRESENT. MAJOR ROOTS OF A TREE THAT ARE TO REMAIN IN PLACE EXTENDING INTO THE EXCAVATION AREA AT AN ELEVATION THAT WOULD INTERFERE WITH ANY PORTION OF THE PLANNED CONSTRUCTION SHALL BE SEVERED AT A POINT IMMEDIATELY OUTSIDE OF THE EXCAVATION AREA IN A MANNER THAT WILL CAUSE THE LEAST AMOUNT OF DAMAGE TO THE REMAINING TREE STRUCTURE. THIS WORK IS INCIDENTAL TO CONTRACT.

**TEMPORARY EROSION CONTROL NOTES**

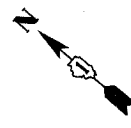
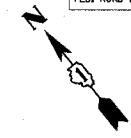
1. THE ENGINEER SHALL CONDUCT A FIELD REVIEW FOR EROSION AND SEDIMENT CONTROL WITH THE PRIME AND SUBCONTRACTORS PRIOR TO ANY EARTHWORK OPERATIONS TO DETERMINE TIMING ADVANCEMENT OF CONTROL MEASURES.
2. THE CONTRACTOR WILL BE REQUIRED TO IMPLEMENT AND MAINTAIN EROSION CONTROL MEASURES IMMEDIATELY AFTER STRIPPING OF EXISTING VEGETATION.
3. NO CONCENTRATED RUNOFF FLOW FROM STRIPPED AREAS SHALL LEAVE THE SITE WITHOUT BEING TREATED. THE CONTRACTOR SHALL ADJUST HIS OPERATIONS AND IMPLEMENT EROSION CONTROL MEASURES ACCORDINGLY.
4. THE QUANTITY FOR INLET FILTERS IS SUFFICIENT FOR ONE (1) SET UP PER STAGE. THE QUANTITY FOR INLET FILTER CLEANING, IS SUFFICIENT FOR MONTHLY MAINTENANCE OF FILTERS OVER THE DURATION OF THE CONTRACT. THESE ITEMS ARE MEASURED AS EACH, REGARDLESS OF THE TYPE OR CONFIGURATION USED.
5. THE CONTRACTOR SHALL SURROUND ALL EARTH STOCKPILES WITH SEDIMENT CONTROL, SILT FENCE AND SEED THEM WITH TEMPORARY EROSION CONTROL SEEDING.
6. EROSION CONTROL MEASURES SHALL BE INSPECTED BY THE CONTRACTOR AND ENGINEER AT LEAST ONCE EVERY SEVEN DAYS WITHIN 24 HOURS OF ANY STORM EXCEEDING 1/2" OF PRECIPITATION OR EQUIVALENT SNOWFALL.
7. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO PREVENT POLLUTION OF STORM WATER AND SHALL FOLLOW IEPA & IDOT CONSTRUCTION MEMORANDUM NO. 06-60.
8. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL, BUT NO MORE THAN 14 DAYS AFTER CONSTRUCTION ACTIVITY HAS CEASED IN AN AREA WHERE CONSTRUCTION ACTIVITY WILL NOT OCCUR FOR A PERIOD OF 21 OR MORE CALENDAR DAYS.
9. THE CONTRACTOR SHALL APPLY TEMPORARY EROSION CONTROL SEEDING TO ALL ERODIBLE BARE EARTH AREAS WITHIN THE CONTRACT LIMITS EACH WEEK. REGARDLESS OF WEATHER CONDITIONS OR PROGRESS OF THE WORK, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. ERODIBLE EMBANKMENT AND EXCAVATION AREAS WHERE WORK IS IN PROGRESS SHALL BE INCLUDED ON THE AREAS TO BE SEEDED. ALL AREAS THAT ARE TO REMAIN STRIPPED FOR LONG PERIODS OF TIME SHALL RECEIVE SEEDING, CLASS 7, WHOSE COST IS INCLUDED AS PART OF TEMPORARY EROSION CONTROL SEEDING. IF GRADING OPERATIONS OCCUR AFTER SEPTEMBER 30TH OR IN THE WINTER WHEN SEED WILL NOT GERMINATE, USE MULCH, METHOD 2 FOR TEMPORARY COVER.
10. NO DE-WATERING RUNOFF SHALL BE DISCHARGED DIRECTLY TO THE NORTH SHORE CHANNEL.

11. THE DISTURBED AREAS SHALL BE MINIMIZED. THE CONTRACTOR WILL NOT BE PAID FOR TREATING AREAS THAT HAVE BEEN EXCESSIVELY STRIPPED. THE CONTRACTOR SHALL COORDINATE AREAS TO BE STRIPPED WITH ENGINEER PRIOR TO CONSTRUCTION ACTIVITIES COMMENCING.
12. AT THE DISCRETION OF THE ENGINEER, THE CONTRACTOR SHALL INSTALL A TEMPORARY CONSTRUCTION ENTRANCE TO CONTROL SEDIMENT FROM LEAVING THE SITE ON TIRES. THIS WORK SHALL BE PAID FOR AS "TEMPORARY ACCESS, (ROAD)."



**LEGEND**

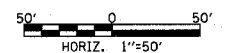
- SOD - SALT TOLERANT TOPSOIL FURNISH AND PLACE. 4" NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER
- TREE REMOVAL
- TEMPORARY FENCE
- SEDIMENT CONTROL, SILT FENCE



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 LANDSCAPING  
 AND EROSION CONTROL  
 SHERIDAN ROAD  
 STATION 1004+42.60 TO STATION 1025+00

DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL



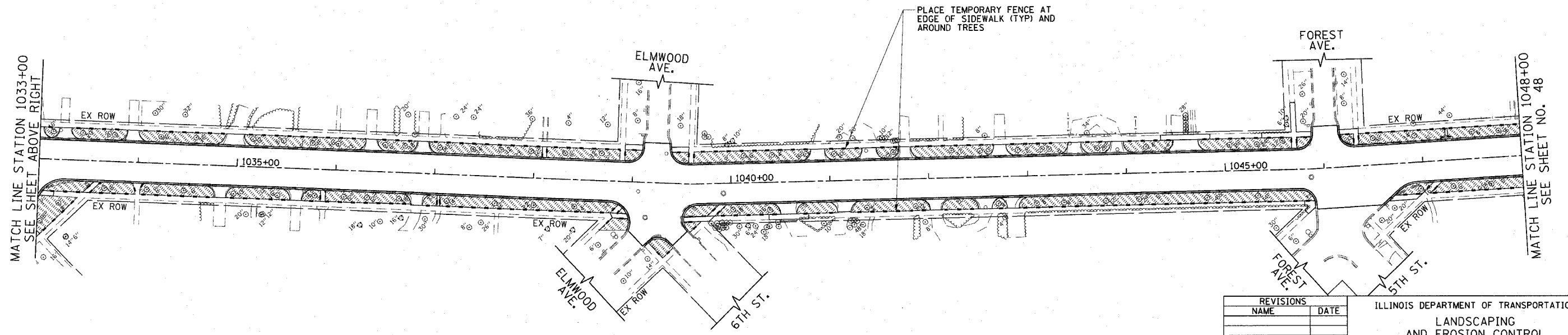
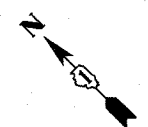
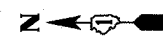
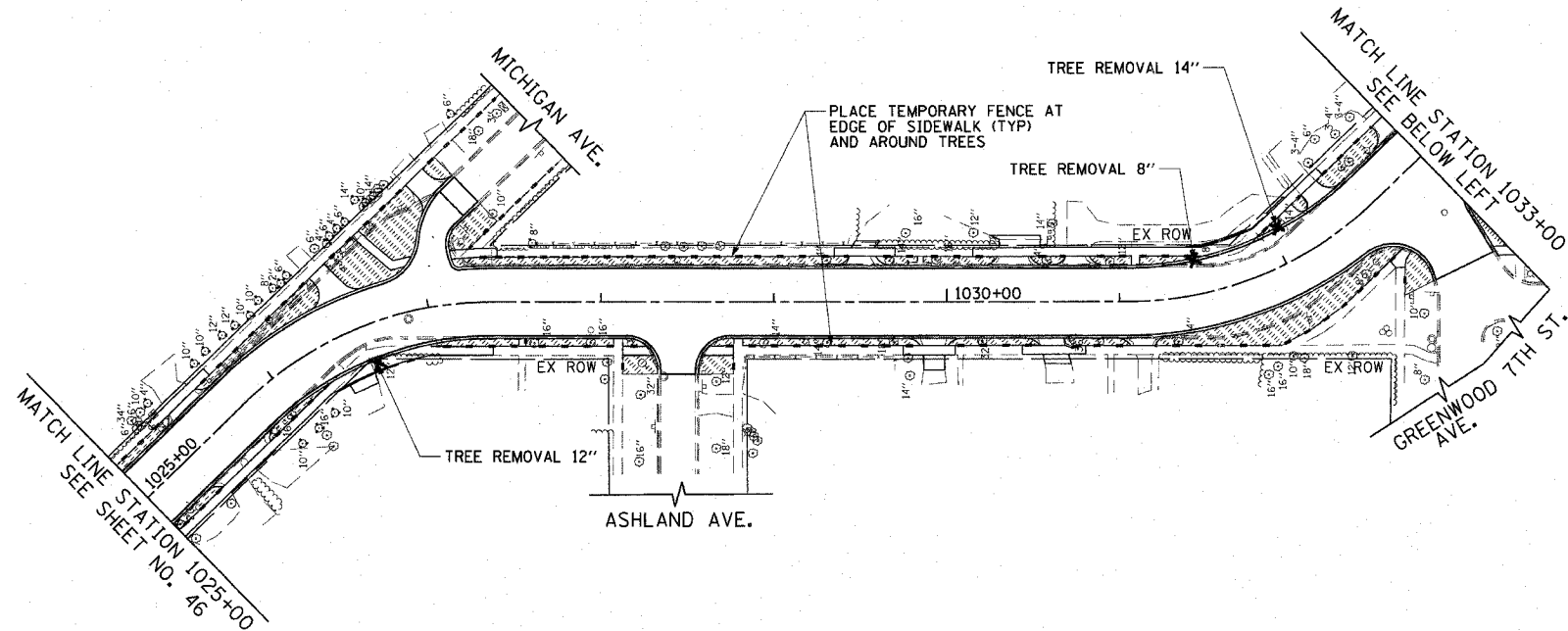
PLOT DATE = 7/12/2007  
 PLOT SCALE = 80.0000 / 1 IN.  
 USER NAME = b.johnson

1001 PERIMETER DRIVE, SUITE 1025  
 SCHAMBERG, ILLINOIS 60173  
 (847) 605-8600



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	47
STA. 1025+00		TO STA. 1048+00		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

PLOT DATE = 7/12/2007  
 FILE NAME = c:\projects\83964\road\shasta\landscap2.dwg  
 PLOT SCALE = 50.0000 / IN.  
 USER NAME = bjholman



1051 PERIMETER DRIVE, SUITE 1025  
 SCHALMERSBURG, ILLINOIS 60173  
 (847) 605-9600



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 LANDSCAPING  
 AND EROSION CONTROL  
 SHERIDAN ROAD  
 STATION 1025+00 TO STATION 1048+00

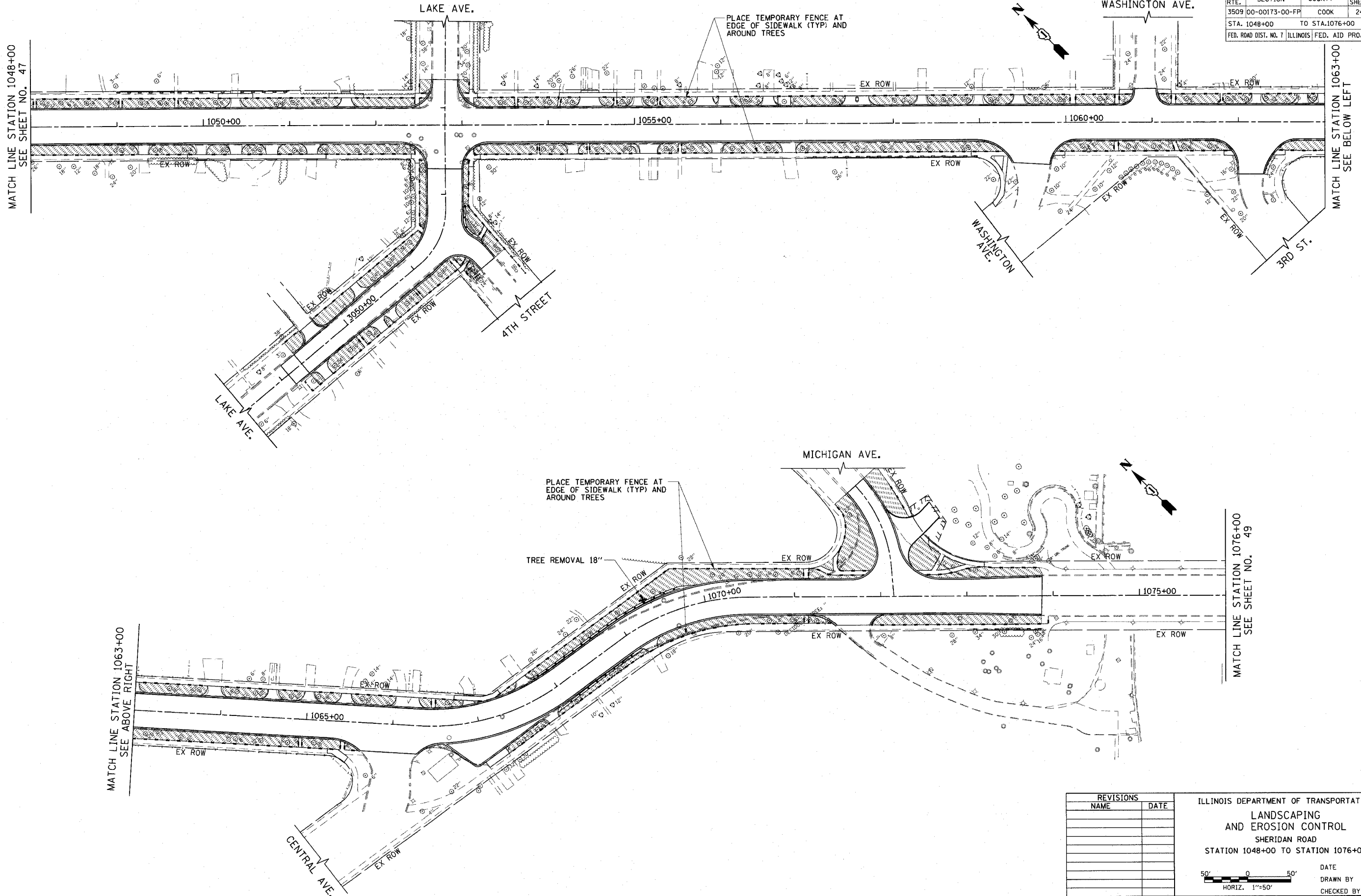
DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL

50' 0 50'  
 HORIZ. 1"=50'

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	48
STA. 1048+00		TO STA. 1076+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

PLOT DATE = 7/12/2007  
 PLOT SCALE = 50,00000 / IN.  
 USER NAME = b.j.holman

1051 PERIMETER DRIVE, SUITE 1025  
 SCHALMBURG, ILLINOIS 60173  
 (847) 605-8000



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 LANDSCAPING  
 AND EROSION CONTROL  
 SHERIDAN ROAD  
 STATION 1048+00 TO STATION 1076+00

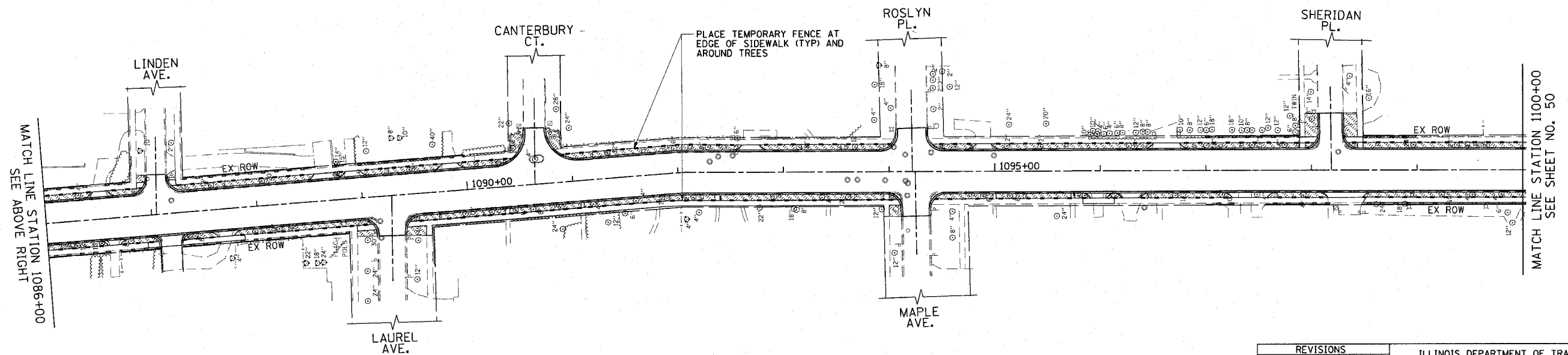
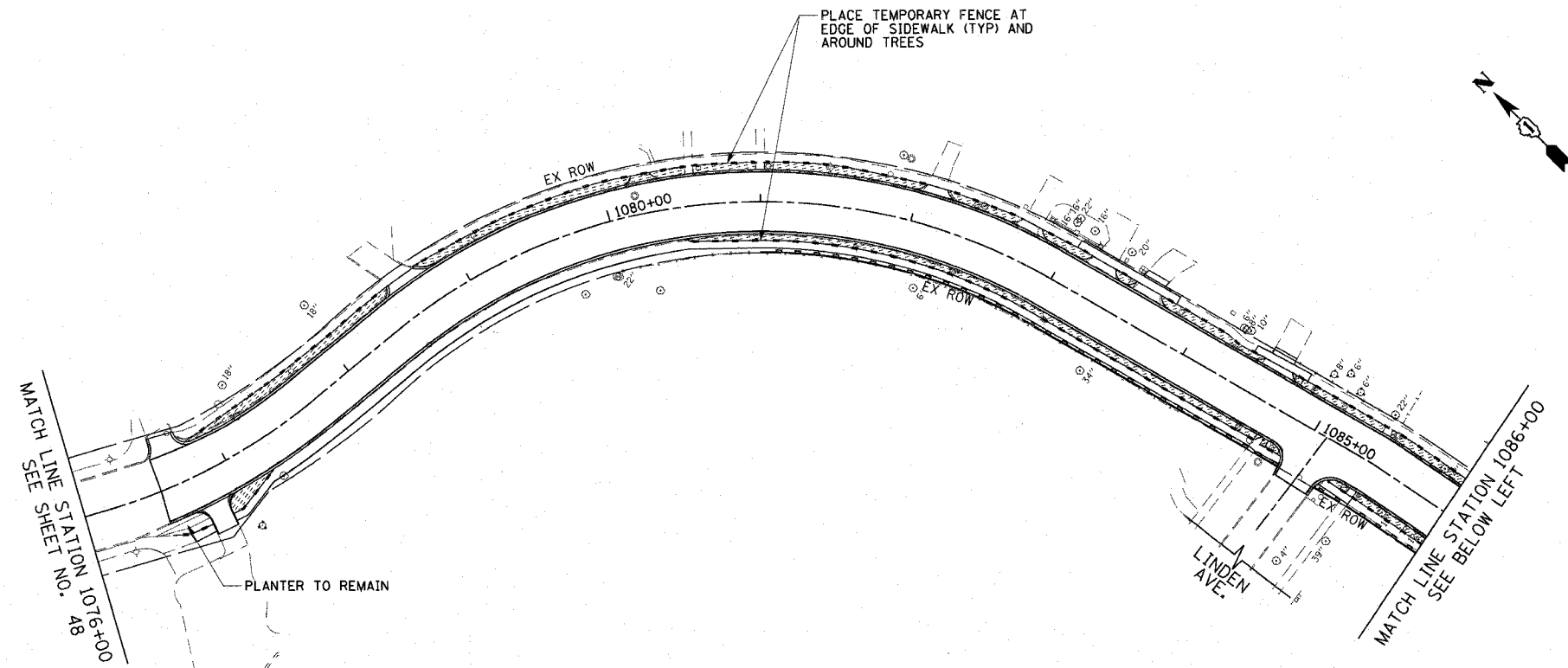
DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL

50' 0 50'  
 HORIZ. 1"=50'



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	49
STA. 1076+00		TO STA. 1100+00		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

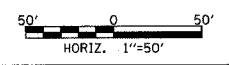
PLOT DATE = 7/12/2007  
 PLOT SCALE = 1"=50'  
 USER NAME = bjoelma



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 LANDSCAPING  
 AND EROSION CONTROL  
 SHERIDAN ROAD  
 STATION 1076+00 TO STATION 1100+00

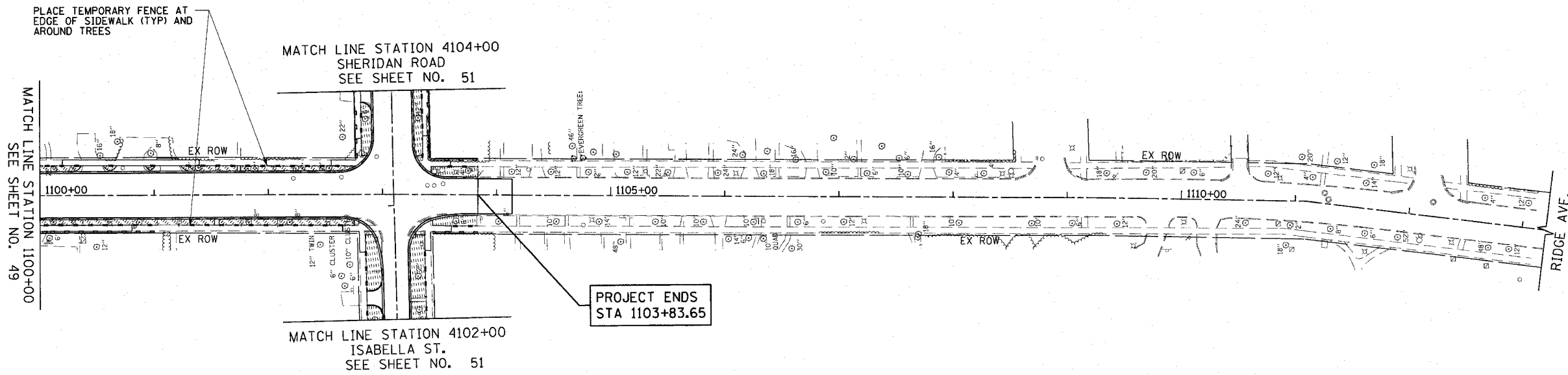
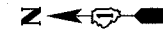
DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL



1051 PERIMETER DRIVE, SUITE 1025  
 SCHAUMBURG, ILLINOIS 60173  
 (847) 605-5600



F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	50
STA. 1100+00		TO STA. 1113+20.81		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	



PLACE TEMPORARY FENCE AT  
EDGE OF SIDEWALK (TYP) AND  
AROUND TREES

MATCH LINE STATION 4104+00  
SHERIDAN ROAD  
SEE SHEET NO. 51

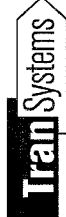
MATCH LINE STATION 1100+00  
SEE SHEET NO. 49

PROJECT ENDS  
STA 1103+83.65

MATCH LINE STATION 4102+00  
ISABELLA ST.  
SEE SHEET NO. 51

PLOT DATE = 7/12/2007  
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FILE SCALE = 1/8\"/>

1051 PERIMETER DRIVE, SUITE 1025  
SCHAUMLBURG, ILLINOIS 60173  
(847) 605-8600



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
LANDSCAPING  
AND EROSION CONTROL

SHERIDAN ROAD

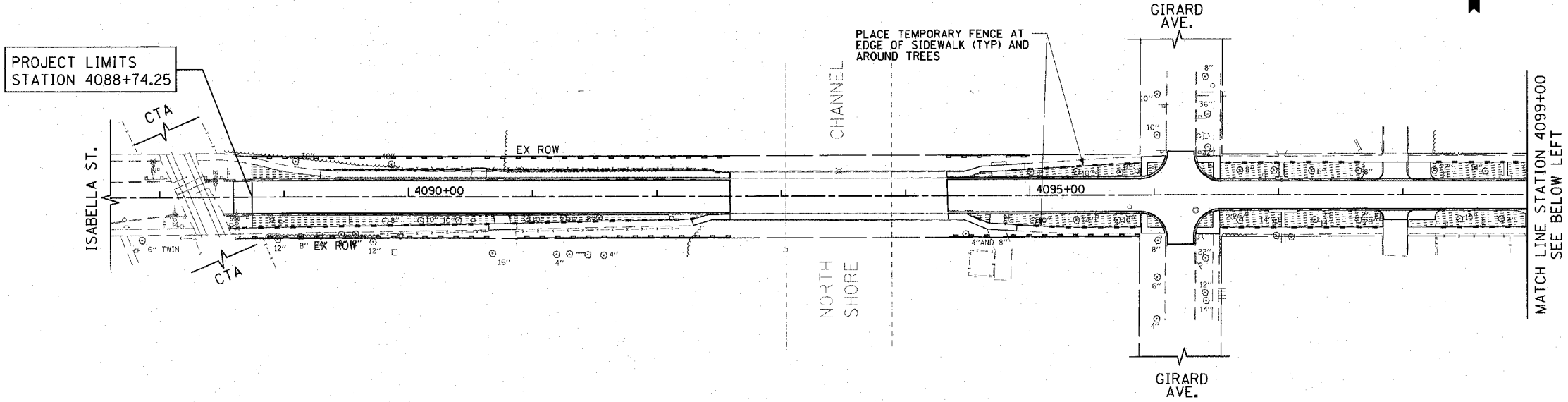
DATE 7/13/07  
DRAWN BY LTD  
CHECKED BY BJL

HORIZ. 1"=50'

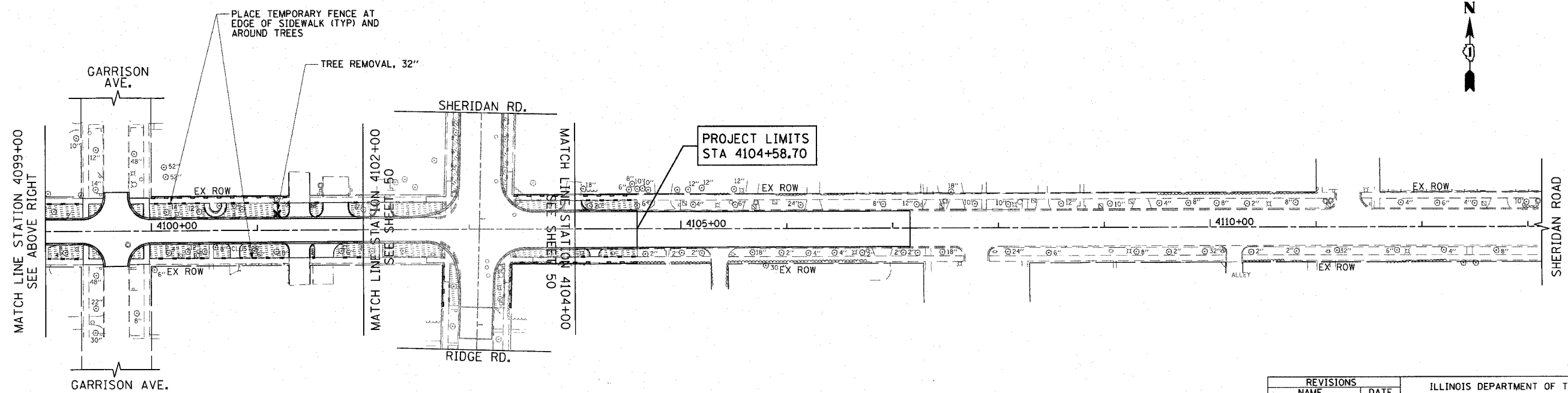
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	51
STA. 4087+60		TO STA. 4113+13		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

PLOT DATE = 7/12/2007  
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 PLOT SCALE = 50.0000' / IN.  
 USER NAME = b.johnson

PROJECT LIMITS  
 STATION 4088+74.25



MATCH LINE STATION 4099+00  
 SEE BELOW LEFT



PROJECT LIMITS  
 STA 4104+58.70

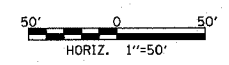
MATCH LINE STATION 4099+00  
 SEE ABOVE RIGHT

MATCH LINE STATION 4104+00  
 SEE SHEET 50

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 LANDSCAPING  
 AND EROSION CONTROL  
 ISABELLA STREET  
 STATION 4087+60 TO STATION 4113+13

DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL



1051 PERIMETER DRIVE, SUITE 1025  
 SCHALMBURG, ILLINOIS 60173  
 (847) 605-9900

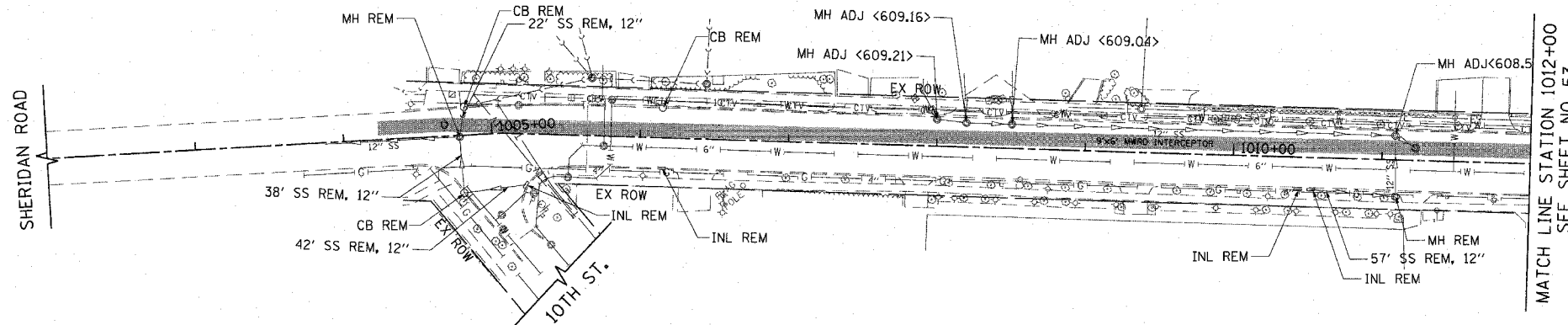


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	52
STA. 1002+00		TO STA. 1012+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

NOTES

1. THE COST OF CONNECTING EXISTING STORM SEWERS TO THE PROPOSED DRAINAGE SYSTEM AND CONNECTING PROPOSED STORM SEWER TO EXISTING STRUCTURES SHALL BE INCLUDED IN THE COST OF THE CONTRACT. HOWEVER, THE NECESSARY PIPE USED WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "STORM SEWER" OF THE SIZE REQUIRED.
  2. SEE THE DRAINAGE STRUCTURES IN CURB & GUTTER TAPER DETAIL (SEE SHEET 22 ) FOR MODIFICATIONS TO THE CURB AND GUTTER FOR ALL DRAINAGE STRUCTURES LOCATED IN THE CURB AND GUTTER.
  3. OFFSETS AND TOP OF FRAME OR LID ELEVATIONS FOR STRUCTURES WHICH ARE LOCATED IN THE GUTTER ARE GIVEN AT THE EDGE OF PAVEMENT WITH RELATION TO THE PROPOSED CENTERLINE.
  4. OFFSETS AND TOP OF FRAME OR LID ELEVATIONS FOR STRUCTURES NOT LOCATED IN THE GUTTER ARE GIVEN TO THE CENTER OF THE STRUCTURE WITH RELATION TO THE PROPOSED CENTERLINE.
  5. CENTER OF RIM FOR STRUCTURES ON MAINLINE THAT ARE LOCATED IN PAVEMENT SHOULD BE PLACED AT THE SAME OFFSET AS STRUCTURE IS PLACED.
  6. STORM SEWER (WATER MAIN REQUIREMENTS) IS TO BE USED AT LOCATIONS WHERE LATERAL SEPARATION BETWEEN THE SEWER AND WATER MAIN IS LESS THAN 10 FEET AND THE WATER MAIN INVERT IS LESS THAN 18 INCHES ABOVE THE STORM SEWER CROWN.
  7. STORM SEWER (WATER MAIN REQUIREMENTS) IS TO BE USED AT LOCATIONS WHERE THE STORM SEWER CROSSES ABOVE THE WATERMAIN.
  8. ALL MWRDGC MANHOLES SHALL BE ADJUSTED IN ACCORDANCE WITH MWRDGC STANDARD NO. 8-121 AND MWRDGC DETAILS (SEE SHEETS 182 AND 182A RESPECTIVELY)
  9. ANY PROPOSED MANHOLES, CATCH BASINS, AND VALVE VAULTS WHICH WILL BE OWNED BY THE CITY OF EVANSTON SHALL NOT HAVE CAST IRON STEPS IN THEM.
  10. ALL PROPOSED STORM SEWER MUST CONFORM TO THE MWRD NOTES (SEE SHEET #NOTES-2 ALL PIPES MUST CONFORM TO THE MATERIALS LISTED IN MWRD NOTE 5.
  11. EACH PROPERTY SHALL HAVE A STORM SEWER SERVICE.
- BOXED ITEMS ARE INCLUDED IN THE COST OF THE CONTRACT

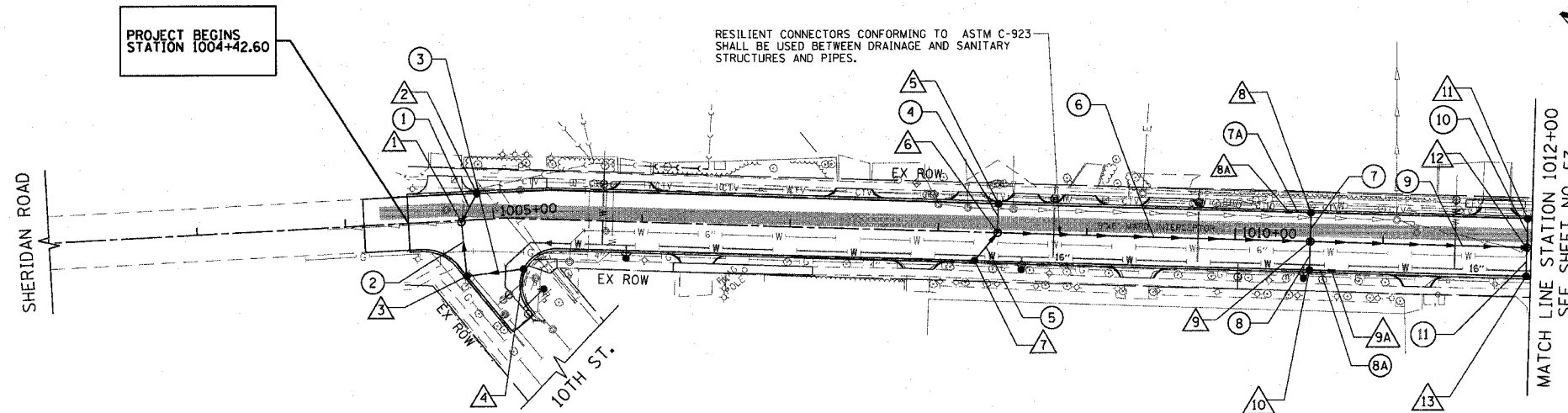
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 PLOT SCALE = 1/8" = 1' IN.  
 USER NAME = b.johnson



EXISTING

PROJECT BEGINS  
 STATION 1004+42.60

RESILIENT CONNECTORS CONFORMING TO ASTM C-923  
 SHALL BE USED BETWEEN DRAINAGE AND SANITARY  
 STRUCTURES AND PIPES.



LEGEND

	EXISTING COMBINED SEWER
	PROPOSED COMBINED SEWER
	EXISTING STORM SEWER
	PROPOSED STORM SEWER
	EXISTING CATCH BASIN
	PROPOSED CATCH BASIN
	PROPOSED MANHOLE

PROPOSED

SCHEDULE OF STORM SEWER STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET (FT)	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT							
						NORTH	NE	EAST	SE	SOUTH	SW	WEST	NW
1	1004+78.2	1.0' RT	MH TA 4 DIA	T1 F, CL	609.67			605.38			604.67		603.97
2	1004+89.7	17.5' LT	CB TYPE C	T23 F & G	609.33							605.58	
3	1004+79.9	37.8' RT	CB TA 4 DIA	T23 F & G	609.20		605.02		605.12				
4	1005+21.3	34.2' RT	CB TYPE C	T23 F & G	609.26								605.51
5	1008+40.0	19.5' LT	CB TYPE C	T23 F & G	609.02						605.29		
6	1008+40.0	0.0' RT	MH TA 4 DIA	T1 F, CL	609.41		605.11		605.11		605.11		
7	1008+25.0	19.5' RT	CB TYPE C	T23 F & G	609.08		605.29						
8	1010+50.9	19.5' LT	CB TA 4 DIA	T23 F & G	608.33						604.58		604.58
8A	1010+35.9	19.5' LT	INLET TA	T23 F & G	608.34				604.69				
9	1010+50.9	0.0' RT	MH TA 4 DIA	T1 F, CL	608.72		604.40		604.18		604.40		604.28
9A	1010+65.9	19.5' RT	INLET TA	T23 F & G	608.34				604.69				
10	1010+50.9	19.5' RT	CB TA 4 DIA	T23 F & G	608.33						604.58		604.58
11	1011+97.0	19.5' LT	CB TYPE C	T23 F & G	608.70						604.95		
12	1011+97.0	0.0' RT	MH TA 5 DIA	T1 F, CL	609.09		604.78		603.73		604.78		603.83
13	1011+97.0	19.5' RT	CB TYPE C	T23 F & G	608.70		604.95						

SCHEDULE OF STORM SEWER PIPES

PIPE NUMBER	ITEM	CLASS	TYPE	SIZE	LENGTH (FT)	SLOPE	TBF (CY YD)
1	SS	A	1	12"	19.7	1.00%	3
2	SS	A	2	12"	34.9	1.00%	12
3	SS	WM REQMTS	1	12"	38.6	1.00%	6
4	SS	A	1	12"	17.5	1.00%	3
5	SS	WM REQMTS	1	12"	22.6	1.00%	4
6	SS	WM REQMTS	1	15"	206.9	0.40%	36
7A	SS	A	1	12"	12.0	1.00%	2
7	SS	A	1	12"	17.5	1.00%	3
8A	SS	A	1	12"	12.0	1.00%	2
8	SS	WM REQMTS	1	12"	17.5	1.00%	3
9	SS	WM REQMTS	2	18"	142.2	0.25%	50
10	SS	A	1	12"	17.5	1.00%	3
11	SS	WM REQMTS	1	12"	17.5	1.00%	3

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DRAINAGE & UTILITY PLAN**  
 SHERIDAN ROAD  
 STATION 1002+00 TO STATION 1012+00

DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL

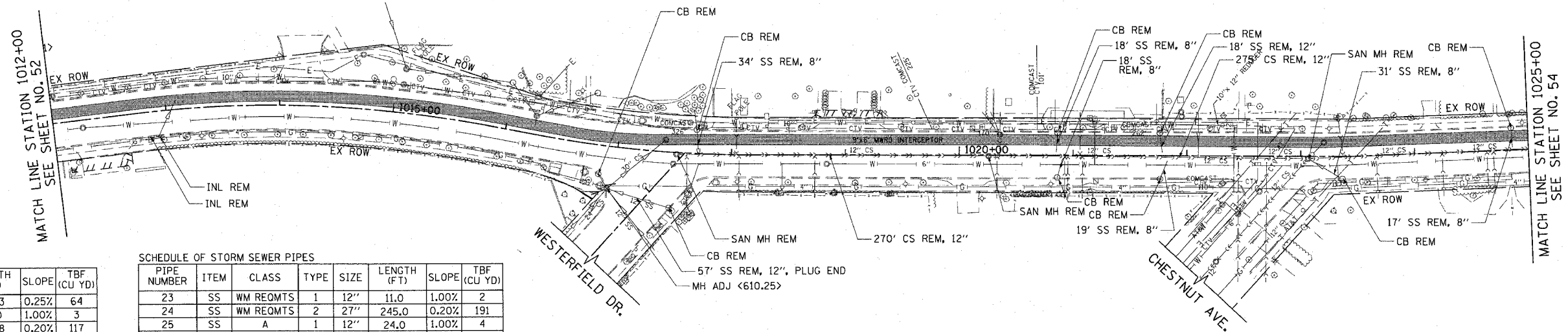
50' 0 50'  
 HORIZ. 1"=50'

1051 PERIMETER DRIVE, SUITE 1025  
 SCHAUMBURG, ILLINOIS 60173  
 (847) 605-9600



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	53
STA. 1012+00		TO STA. 1025+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

PLOT DATE = 7/12/2007  
 PLOT SCALE = 1"=50'  
 USER NAME = bholman

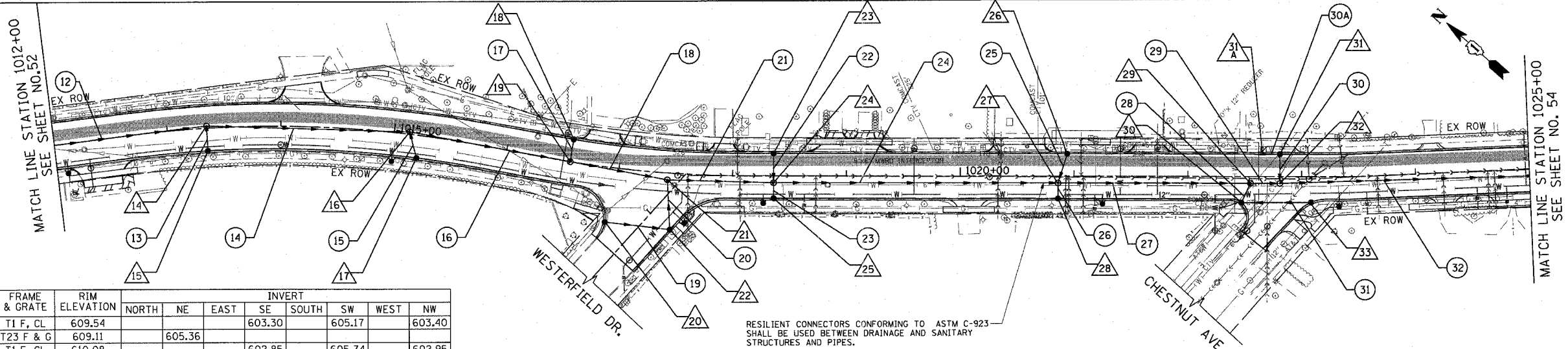


SCHEDULE OF STORM SEWER PIPES

PIPE NUMBER	ITEM	CLASS	TYPE	SIZE	LENGTH (FT)	SLOPE	TBF (CU YD)
12	SS	A	2	24"	133.3	0.25%	64
13	SS	WM REQMTS	1	12"	19.0	1.00%	3
14	SS	A	2	24"	173.8	0.20%	117
15	SS	WM REQMTS	1	12"	20.6	1.00%	4
16	SS	WM REQMTS	2	24"	138.3	0.20%	117
17	SS	WM REQMTS	1	12"	17.0	1.00%	3
18	SS	A	2	24"	81.3	0.20%	77
19	SS	A	1	12"	57.5	1.00%	9
20	SS	WM REQMTS	2	12"	40.0	1.00%	7
21	SS	A	2	27"	87.8	0.20%	82
22	SS	A	1	12"	23.0	1.00%	4

SCHEDULE OF STORM SEWER PIPES

PIPE NUMBER	ITEM	CLASS	TYPE	SIZE	LENGTH (FT)	SLOPE	TBF (CU YD)
23	SS	WM REQMTS	1	12"	11.0	1.00%	2
24	SS	WM REQMTS	2	27"	245.0	0.20%	191
25	SS	A	1	12"	24.0	1.00%	4
26	SS	WM REQMTS	1	12"	11.0	1.00%	2
27	SS	A	2	27"	164.0	0.20%	102
28	SS	WM REQMTS	1	12"	16.0	1.00%	3
29	SS	A	2	30"	20.8	0.20%	12
30	SS	A	1	12"	23.0	1.00%	4
30A	SS	A	1	12"	12.0	1.00%	2
31	SS	WM REQMTS	1	12"	58.2	1.00%	9
32	SS	A	2	30"	238.9	0.20%	173



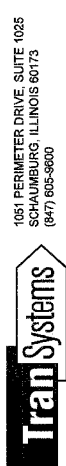
SCHEDULE OF STORM SEWER STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET (FT)	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT							
						NORTH	NE	EAST	SE	SOUTH	SW	WEST	NW
14	1013+34.7	2.0' LT	MH TA 5 DIA	T1 F, CL	609.54				603.30		605.17		603.40
15	1013+34.7	19.5' LT	CB TYPE C	T23 F & G	609.11		605.36						
16	1015+13.4	2.0' LT	MH TA 5 DIA	T1 F, CL	610.08			602.85		605.74		602.95	
17	1015+22.0	19.5' RT	CB TYPE C	T23 F & G	609.68		605.93						
18	1016+56.7	19.5' LT	CB TYPE C	T23 F & G	610.05					606.30			
19	1016+56.7	0.0' RT	MH TA 5 DIA	T1 F, CL	610.44		606.13	602.47				602.57	
20	1016+93.2	48.0' RT	CB TYPE C	T23 F & G	610.07			606.72					
21	1017+43.0	6.0' RT	MH TA 5 DIA	T1 F, CL	610.42			602.21		605.75		602.31	
22	1017+48.0	49.3' RT	CB TA 4 DIA	T23 F & G	609.90		606.15					606.15	
23	1018+36.0	19.5' LT	CB TYPE C	T23 F & G	609.37					605.62			
24	1018+36.0	6.0' RT	MH TA 5 DIA	T1 F, CL	609.74		605.39	601.93		605.51		602.03	
25	1018+36.0	19.5' RT	CB TYPE C	T23 F & G	609.37		605.62						
26	1020+94.0	19.5' LT	CB TYPE C	T23 F & G	607.79					604.04			
27	1020+86.0	6.0' RT	MH TA 5 DIA	T1 F, CL	608.11		603.80	601.34		603.98		601.44	
28	1020+86.0	19.5' RT	CB TYPE C	T23 F & G	607.84		604.09						
29	1022+55.0	6.0' RT	MH TA 5 DIA	T1 F, CL	607.24			600.92		603.04		601.02	
30	1022+47.1	22.8' RT	CB TA 4 DIA	T23 F & G	606.95		603.20	603.20					
31A	1022+65.8	19.5' LT	INLET TA	T23 F & G	606.96			603.31					
31	1022+80.8	19.5' LT	CB TA 4 DIA	T23 F & G	606.95					603.20		603.20	
32	1022+80.8	6.0' RT	MH TA 5 DIA	T1 F, CL	607.22		602.97	600.77				600.87	
33	1023+08.3	22.4' RT	CB TYPE C	T23 F & G	606.93							603.80	

REVISIONS	
NAME	DATE

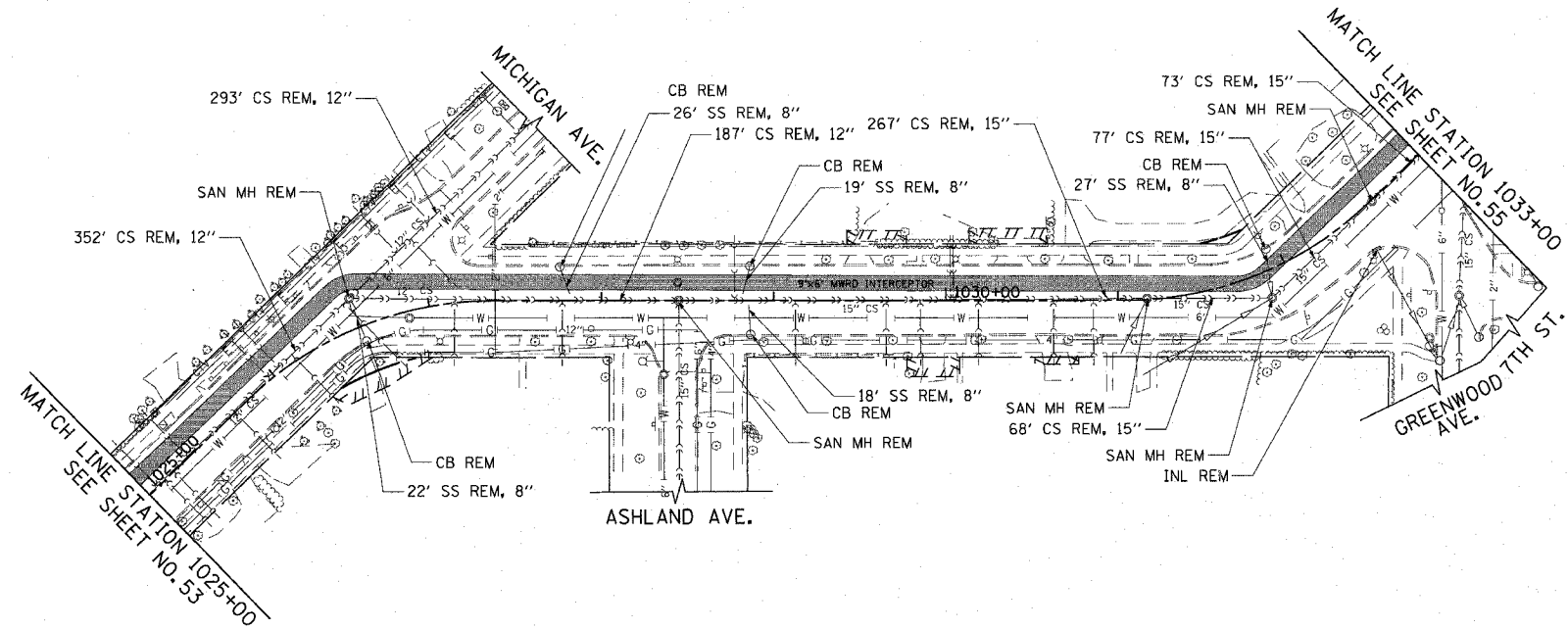
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DRAINAGE & UTILITY PLAN**  
 SHERIDAN ROAD  
 STATION 1012+00 TO STATION 1025+00

DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL

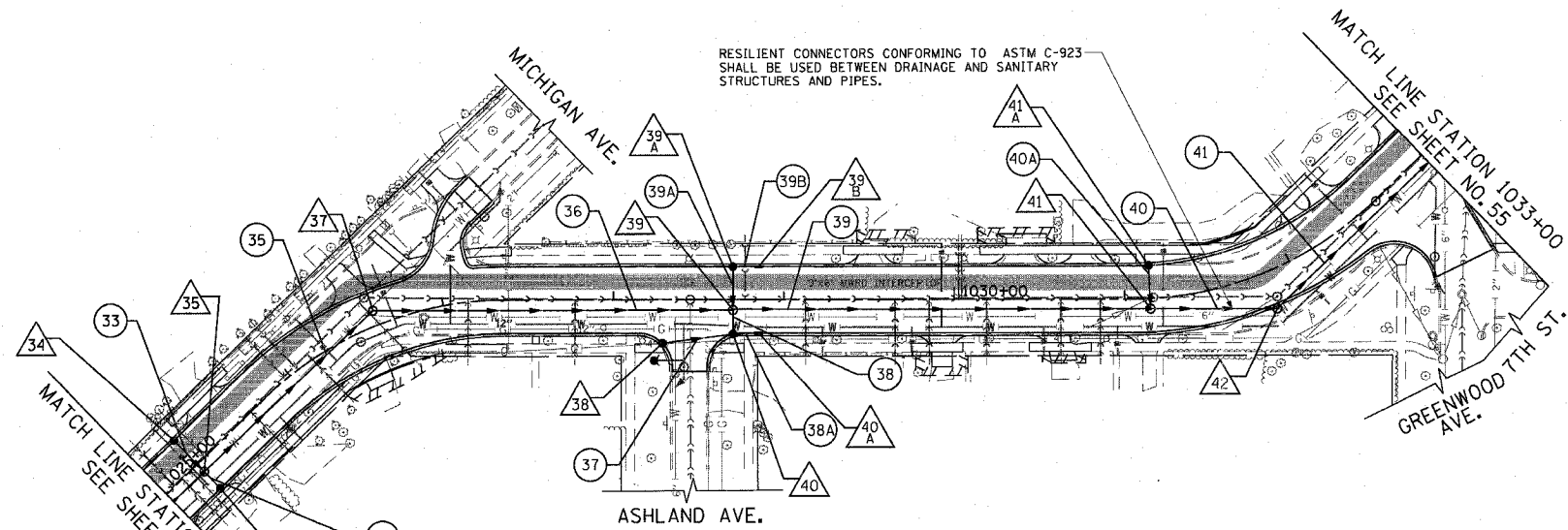


F.A.W. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FF	COOK	246	54
STA. 1025+00		TO STA. 1033+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

PLOT DATE = 7/12/2007  
 PLOT SCALE = 8.0000' / IN.  
 USER NAME = bjoelmen



EXISTING



PROPOSED

SCHEDULE OF STORM SEWER PIPES

PIPE NUMBER	ITEM	CLASS	TYPE	SIZE	LENGTH (FT)	SLOPE	TBF (CU YD)
33	SS	A	1	12"	23.0	1.00%	4
34	SS	WM REQMTS	1	12"	11.0	1.00%	2
35	SS	A	2	33"	131.5	0.20%	129
36	SS	WM REQMTS	2	33"	206.5	0.20%	229
37	SS	WM REQMTS	1	12"	38.7	1.00%	6
38A	SS	A	1	12"	12.0	1.00%	2
38	SS	WM REQMTS	1	12"	11.5	1.00%	2
39A	SS	A	1	12"	23.0	1.00%	4
39B	SS	A	1	12"	12.0	1.00%	2
39	SS	A	2	33"	239.1	0.20%	307
40A	SS	A	1	12"	23.0	1.00%	4
40	SS	A	2	33"	70.0	0.20%	108
41	SS	A	2	36"	131.5	0.20%	220

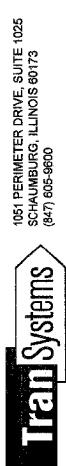
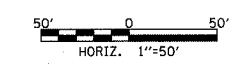
SCHEDULE OF STORM SEWER STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET (FT)	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT								
						NORTH	NE	EAST	SE	SOUTH	SW	WEST	NW	
34	1025+25.0	19.5'	RT	CB TYPE C	T23 F & G	607.61						603.86		
35	1025+25.0	6.0'	RT	MH TA 5 DIA	T1 F, CL	607.88				600.20		603.75		600.30
36	1025+25.0	19.5'	RT	CB TYPE C	T23 F & G	607.61			603.86					
37	1026+60.2	8.8'	LT	MH TA 5 DIA	T1 F, CL	608.58						599.80		599.90
38	1028+28.8	25.4'	RT	CB TYPE C	T23 F & G	607.84						604.49		
39A	1028+70.2	19.5'	LT	CB TA 4 DIA	T23 F & G	607.78						604.03		604.03
39	1028+70.2	6.0'	RT	MH TA 5 DIA	T1 F, CL	608.06	599.39			603.80		599.29		603.92
39B	1028+85.1	19.5'	LT	INLET TA	T23 F & G	607.79						604.14		
40	1028+70.2	20.0'	RT	CB TA 4 DIA	T23 F & G	607.78	604.03			604.03		604.03		
40A	1028+85.2	19.5'	RT	INLET TA	T23 F & G	607.79	604.14							
41A	1031+15.0	19.5'	LT	CB TYPE C	T23 F & G	608.45								604.70
41	1031+15.0	6.0'	RT	MH TA 5 DIA	T1 F, CL	608.96	598.81			604.47		598.71		
42	1031+83.1	22.4'	RT	MH TA 5 DIA	T1 F, CL	609.43	598.56					598.46		

REVISIONS	
NAME	DATE

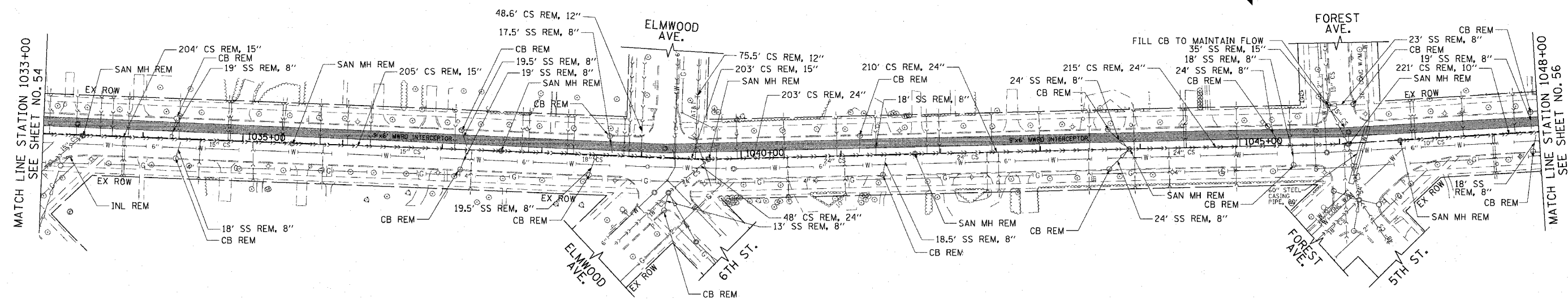
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DRAINAGE & UTILITY PLAN**  
 SHERIDAN ROAD  
 STATION 1025+00 TO STATION 1033+00

DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	55
STA. 1033+00		TO STA. 1048+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

PLOT DATE = 7/12/2007  
 FILE NAME = g:\cadd\83964\83964\wood\sharps.dwg  
 PLOT SCALE = 5/8" = 1' IN.  
 USER NAME = b.johnson



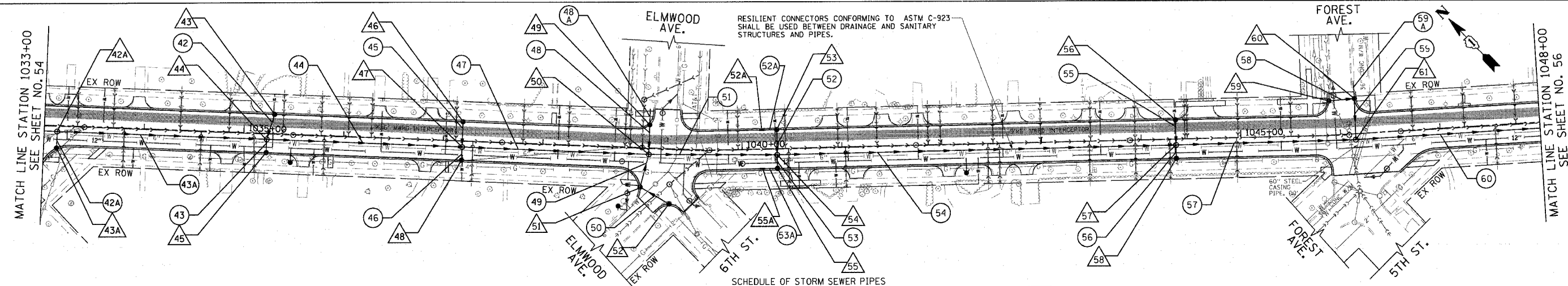
SCHEDULE OF STORM SEWER STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET (FT)	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT							
						NORTH	NE	EAST	SE	SOUTH	SW	WEST	NW
42A	1033+13.0	6.0' LT	MH TA 6 DIA	T1 F, CL	609.27				598.23		605.09		598.24
43	1035+30.0	19.5' LT	CB TYPE C	T23 F & G	608.46						604.71		
43A	1033+13.0	22.7' RT	CB TYPE C	T23 F & G	608.95		605.20						
44	1035+23.0	6.0' LT	MH TA 5 DIA	T1 F, CL	608.75		604.48		597.72		604.62		597.82
45	1035+23.0	19.5' RT	CB TYPE C	T23 F & G	608.48		604.73						
46	1037+19.0	19.5' LT	CB TYPE C	T23 F & G	607.90						604.15		
47	1037+19.0	6.0' LT	MH TA 5 DIA	T1 F, CL	608.17		603.92		597.24		604.04		597.34
48	1037+19.0	19.5' RT	CB TYPE C	T23 F & G	607.90		604.15						

SCHEDULE OF STORM SEWER PIPES

PIPE NUMBER	ITEM	CLASS	TYPE	SIZE	LENGTH (FT)	SLOPE	TBF (CU YD)
42	SS	A	1	12"	23.0	1.00%	4
42A	SS	WM REQMTS	1	12"	11.0	1.00%	2
43	SS	WM REQMTS	1	12"	11.0	1.00%	2
43A	SS	A	2	36"	205.0	0.20%	341
44	SS	A	2	36"	191.0	0.20%	316
45	SS	A	1	12"	23.0	1.00%	4
46	SS	WM REQMTS	1	12"	11.0	1.00%	2
47	SS	A	2	36"	187.0	0.20%	304

EXISTING



SCHEDULE OF STORM SEWER STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET (FT)	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT							
						NORTH	NE	EAST	SE	SOUTH	SW	WEST	NW
49	1039+06.3	24.1' LT	CB TA 4 DIA	T23 F & G	607.31		598.56				598.56		
50	1039+06.6	6.0' RT	MH TA 5 DIA	T1 F, CL	607.60		598.30		596.76		603.22		596.86
51	1038+99.1	38.8' RT	CB TA 4 DIA	T23 F & G	607.26		603.51			603.51			
52A	1040+20.0	19.5' RT	INLET TA	T23 F & G	607.03				603.38				
52	1039+28.9	54.6' RT	CB TYPE C	T23 F & G	607.19	603.85							
53A			NOT USED										
53	1040+35.1	19.5' LT	CB TA 4 DIA	T23 F & G	607.02						603.27		603.27
54	1040+35.1	6.0' RT	MH TA 5 DIA	T1 F, CL	607.29		603.04		596.42		603.16		596.52
55A	1040+20.1	19.5' RT	INLET TA	T23 F & G	607.03				603.38				
55	1040+35.1	19.5' RT	CB TA 4 DIA	T23 F & G	607.02		603.27						603.27
56	1044+35.0	19.5' LT	CB TYPE C	T23 F & G	607.13						603.38		
57	1044+35.0	6.0' RT	MH TA 5 DIA	T1 F, CL	607.40		603.15		595.53		603.27		595.63
58	1044+35.0	19.5' RT	CB TYPE C	T23 F & G	607.13		603.38						
59	1045+90.5	34.7' LT	CB TYPE C	T23 F & G	605.80				598.54				
60	1046+16.1	35.4' LT	CB TA 4 DIA	T23 F & G	606.00		598.31				598.31		598.31
61	1046+15.5	6.0' RT	MH TA 5 DIA, DROP	T1 F, CL	606.86		597.94		593.43				595.18

SCHEDULE OF STORM SEWER PIPES

PIPE NUMBER	ITEM	CLASS	TYPE	SIZE	LENGTH (FT)	SLOPE	TBF (CU YD)
48	SS	A	2	24"	25.5	1.00%	30
48A	SS	A	2	24"	16.0	1.00%	6
49	SS	WM REQMTS	1	12"	29.0	1.00%	5
50	SS	WM REQMTS	1	12"	30.7	1.00%	5
51	SS	WM REQMTS	2	36"	123.2	0.20%	200
52	SS	A	1	12"	23.0	1.00%	4
52A	SS	A	1	12"	12.0	1.00%	2
53	SS	WM REQMTS	1	12"	11.0	1.00%	2
53A	SS	WM REQMTS	1	12"	12.0	1.00%	2
54	SS	A	2	36"	395.0	0.20%	690
55	SS	A	1	12"	23.0	1.00%	4
56	SS	WM REQMTS	1	12"	11.0	1.00%	2
57	SS	A	2	36"	175.3	0.20%	326
58	SS	WM REQMTS	2	12"	22.6	1.00%	18
59	SS	A	2	24"	37.0	1.00%	37
59A	SS	A	2	24"	16.0	1.00%	6
60	SS	A	3	36"	224.5	0.30%	509

PROPOSED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DRAINAGE & UTILITY PLAN**  
 SHERIDAN ROAD  
 STATION 1033+00 TO STATION 1048+00

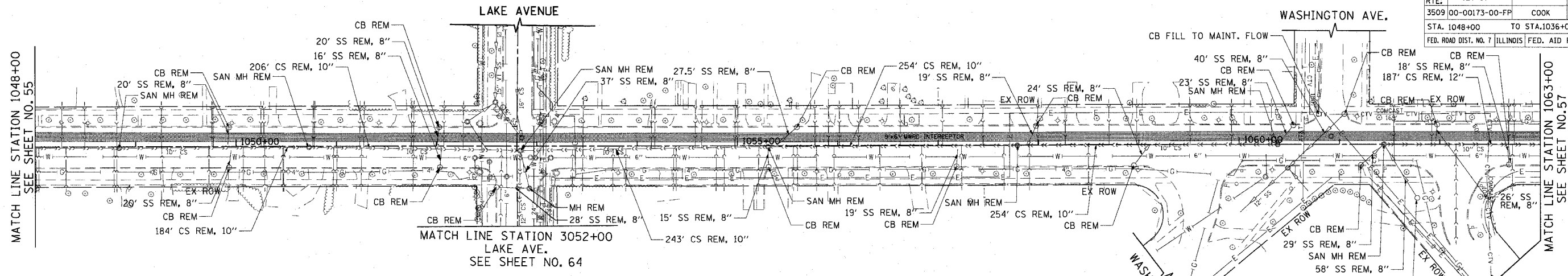
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 CHECKED BY: BJL

50' 0 50'  
 HORIZ. 1"=50'

1061 PERIMETER DRIVE, SUITE 1025  
 SCHALMERSBURG, ILLINOIS 60173  
 (815) 605-9900



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	56
STA. 1048+00		TO STA. 1036+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



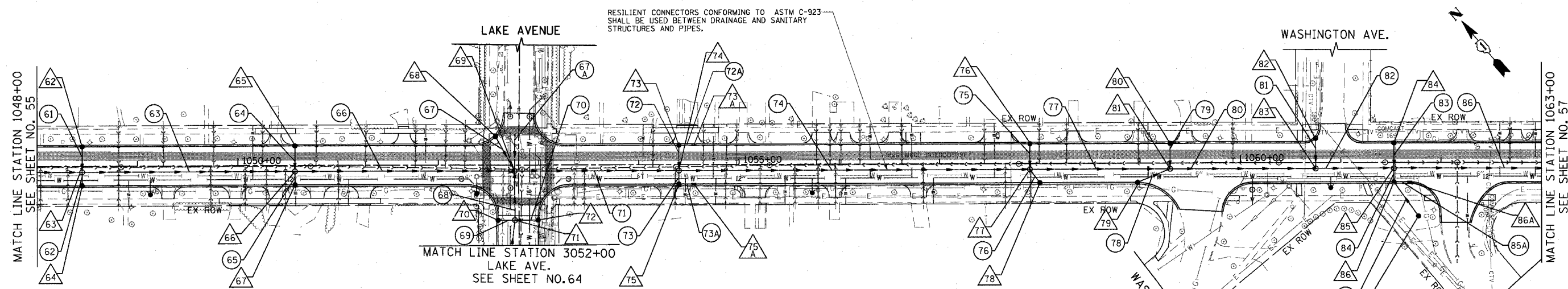
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 USER NAME = b.johnson

SCHEDULE OF STORM SEWER STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET (FT)	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT							
						NORTH	NE	EAST	SE	SOUTH	SW	WEST	NW
62	1048+45.0	19.5' LT	CB TYPE C	T23 F & G	605.90					602.15			
63	1048+45.0	6.0' RT	MH TA 5 DIA	T1 F, CL	606.17					601.92		592.65	602.04
64	1048+45.0	19.5' RT	CB TYPE C	T23 F & G	605.90					602.15			592.75
65	1050+57.0	19.5' LT	CB TYPE C	T23 F & G	605.26					601.51			
66	1050+57.0	6.0' RT	MH TA 5 DIA	T1 F, CL	605.53					601.28		591.93	601.40
67	1050+57.0	19.5' RT	CB TYPE C	T23 F & G	605.26					601.51			
68	1052+57.2	28.5' LT	CB TYPE C	T23 F & G	604.51					600.76			
69	1052+76.0	6.0' RT	MH TA 5 DIA	T1 F, CL	604.87	600.42	597.61		591.19		598.96		591.29
70	3052+25.0	20.9' LT	CB TYPE C	T23 F & G	604.16				600.54				
71	3052+25.0	4.0' RT	MH TA 5 DIA	T1 F, CL	604.58		599.09		600.38		599.39		600.40
72	3052+25.0	19.1' RT	CB TYPE C	T23 F & G	604.20								600.58
73A	1054+55.0	19.5' LT	INLET TA	T23 F & G	604.19				600.55				
73	1054+40.0	19.5' LT	CB TA 4 DIA	T23 F & G	604.19						600.44		600.44
74	1054+40.0	6.0' RT	MH TA 5 DIA	T1 F, CL	604.46		600.21		590.61		600.33		590.71
75	1054+40.0	19.5' RT	CB TA 4 DIA	T23 F & G	604.19		600.44		600.44				

SCHEDULE OF STORM SEWER PIPES

PIPE NUMBER	ITEM	CLASS	TYPE	SIZE	LENGTH (FT)	SLOPE	TBF (CU YD)
61	SS	A	1	12"	23.0	1.00%	4
62	SS	WM REQMTS	1	12"	11.0	1.00%	2
63	SS	A	3	36"	207.2	0.30%	474
64	SS	A	1	12"	23.0	1.00%	4
65	SS	WM REQMTS	1	12"	11.0	1.00%	2
66	SS	A	3	36"	214.0	0.30%	494
67	SS	WM REQMTS	1	12"	34.5	1.00%	6
67A	SS	WM REQMTS	2	24"	36.0	1.00%	14
68	SS	WM REQMTS	2	15"	44.0	0.30%	22
69	SS	WM REQMTS	1	12"	14.4	1.00%	3
70	SS	WM REQMTS	1	12"	20.6	1.00%	4
71	SS	A	3	36"	159.0	0.30%	372
72	SS	A	1	12"	23.0	1.00%	4
72A	SS	A	1	12"	12.0	1.00%	2
73	SS	WM REQMTS	1	12"	11.0	1.00%	2



RESILIENT CONNECTORS CONFORMING TO ASTM C-923 SHALL BE USED BETWEEN DRAINAGE AND SANITARY STRUCTURES AND PIPES.

SCHEDULE OF STORM SEWER STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET (FT)	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT							
						NORTH	NE	EAST	SE	SOUTH	SW	WEST	NW
75A	1054+55.0	19.5' RT	INLET TA	T23 F & G	604.19								600.55
76	1057+90.0	19.5' LT	CB TYPE C	T23 F & G	603.78					600.03			
77	1057+90.0	6.0' RT	MH TA 5 DIA	T1 F, CL	604.05		599.80		589.48		599.86		589.58
78	1058+00.0	19.5' RT	CB TYPE C	T23 F & G	603.75		600.00						
79	1058+98.8	19.5' RT	CB TYPE C	T23 F & G	603.46			599.71					
80	1059+29.8	19.5' LT	CB TYPE C	T23 F & G	603.36					599.61			
81	1059+29.8	6.0' RT	MH TA 5 DIA	T1 F, CL	603.63		599.38		588.97		599.39		589.07
82	1060+74.9	24.2' LT	CB TYPE C	T23 F & G	602.90					599.15			
83	1060+75.0	6.0' RT	MH TA 5 DIA	T1 F, CL	603.20		598.92		588.45				588.55
84	1061+53.0	19.5' LT	CB TYPE C	T23 F & G	602.69					598.94			
85	1061+53.0	6.0' RT	MH TA 5 DIA	T1 F, CL	602.96		598.71		588.13		598.83		588.23
86	1061+53.0	19.5' RT	CB TA 4 DIA	T23 F & G	602.69		598.94		598.94		598.94		
86A	1061+68.9	19.5' RT	INLET TA	T23 F & G	602.65								599.06
87	1061+77.4	53.6' RT	CB TYPE C	T8 GRATE	603.09	599.32							

SCHEDULE OF STORM SEWER PIPES

PIPE NUMBER	ITEM	CLASS	TYPE	SIZE	LENGTH (FT)	SLOPE	TBF (CU YD)
74	SS	A	3	42"	345.0	0.30%	878
75	SS	A	1	12"	23.0	1.00%	4
76	SS	WM REQMTS	1	12"	14.3	1.00%	3
77	SS	A	3	42"	134.8	0.30%	358
78	SS	WM REQMTS	1	12"	32.5	1.00%	5
79	SS	A	1	12"	23.0	1.00%	4
80	SS	A	3	42"	140.2	0.30%	376
81	SS	A	1	12"	23.0	1.00%	4
82	SS	A	3	42"	73.0	0.30%	198
83	SS	A	1	12"	23.0	1.00%	4
84	SS	WM REQMTS	1	12"	11.0	1.00%	2
85	SS	A	1	12"	38.9	1.00%	1
85A	SS	WM REQMTS	1	12"	12.9	1.00%	2
86	SS	A	3	42"	168.7	0.30%	461

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DRAINAGE & UTILITY PLAN**  
 SHERIDAN ROAD  
 STATION 1048+00 TO STATION 1063+00

DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY B.JL

50' 0 50'  
 HORIZ. 1"=50'

1051 PERIMETER DRIVE, SUITE 1025  
 SCHUMBERG, ILLINOIS 60173  
 (647) 605-8800





F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	57
STA. 1063+00		TO STA. 1076+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

**SCHEDULE OF STORM SEWER STRUCTURES**

STRUCTURE NUMBER	STATION	OFFSET (FT)	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT							
						NORTH	NE	EAST	SE	SOUTH	SW	WEST	NW
88	1063+26.7	19.5' LT	CB TA 4 DIA	T23 F & G	602.25				598.50		598.50		
88A	1063+41.7	19.5' LT	INLET TA	T23 F & G	602.25								598.61
89	1063+26.7	6.0' RT	MH TA 5 DIA	T1 F, CL	602.52			598.27		587.53		598.39	587.63
90	1063+26.7	19.5' RT	CB TA 4 DIA	T23 F & G	602.25			598.50		598.50			
90A	1063+41.7	19.5' RT	INLET TA	T23 F & G	602.25								598.61
91	1066+87.5	13.8' RT	MH TA 6 DIA, DROP	T1 F, CL	603.17			577.76				599.38	586.44
91A	1066+94.1	48.9' RT	INLET TA	T1 F, OL	602.32			599.72					
92	1067+81.0	19.5' LT	CB TYPE C	T23 F & G	602.22					598.47			
93	1067+81.6	13.4' LT	MH TA 5 DIA	T1 F, CL	602.34	598.43		577.67					577.67
94	1069+72.9	28.3' LT	MH TA 5 DIA	T1 F, CL	603.07			577.48		597.44			577.48
95	1069+73.1	19.5' RT	CB TYPE C	T23 F & G	601.64	597.89							

**SCHEDULE OF STORM SEWER PIPES**

PIPE NUMBER	ITEM	CLASS	TYPE	SIZE	LENGTH (FT)	SLOPE	TBF (CU YD)
87	SS	A	1	12"	23.0	1.00%	4
87A	SS	A	1	12"	12.0	1.00%	2
88	SS	WM REQMTS	1	12"	11.0	1.00%	2
88A	SS	WM REQMTS	1	12"	12.0	1.00%	2
89	SS	A	3	42"	363.0	0.30%	1090
89A	SS	WM REQMTS	1	12"	33.5	1.00%	5

**SCHEDULE OF STORM SEWER STRUCTURES**

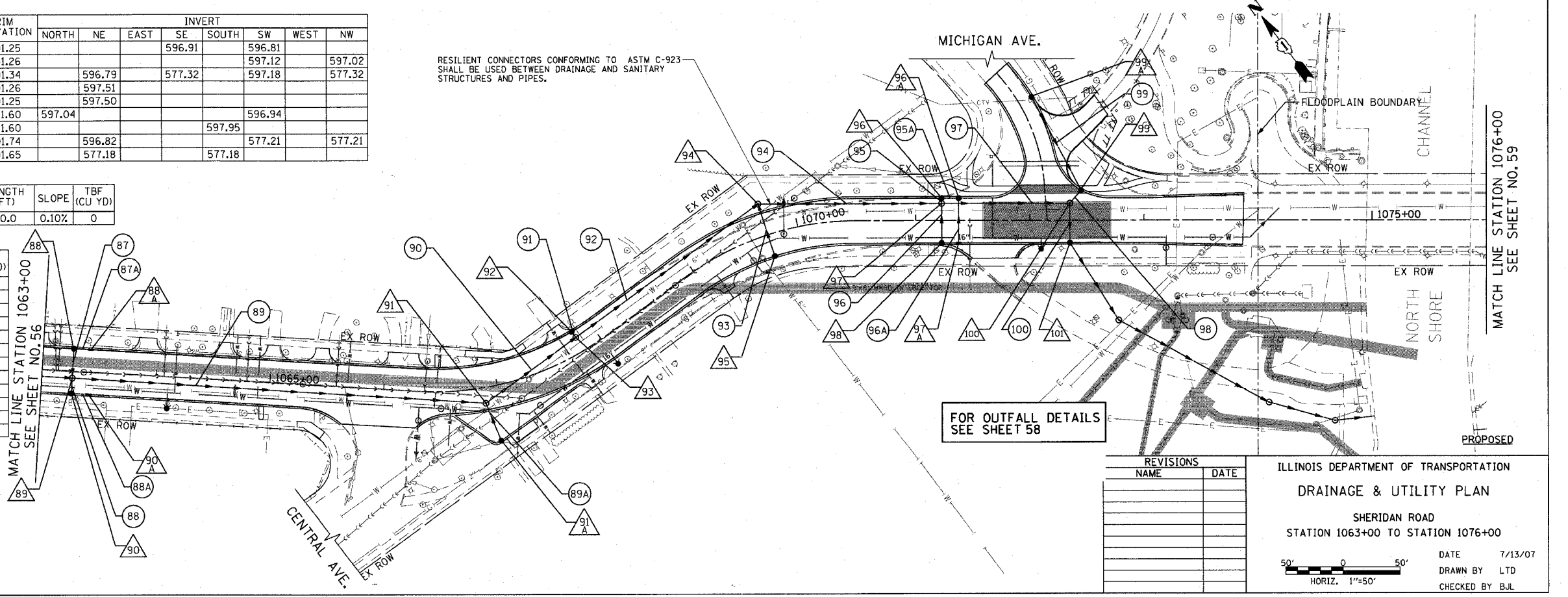
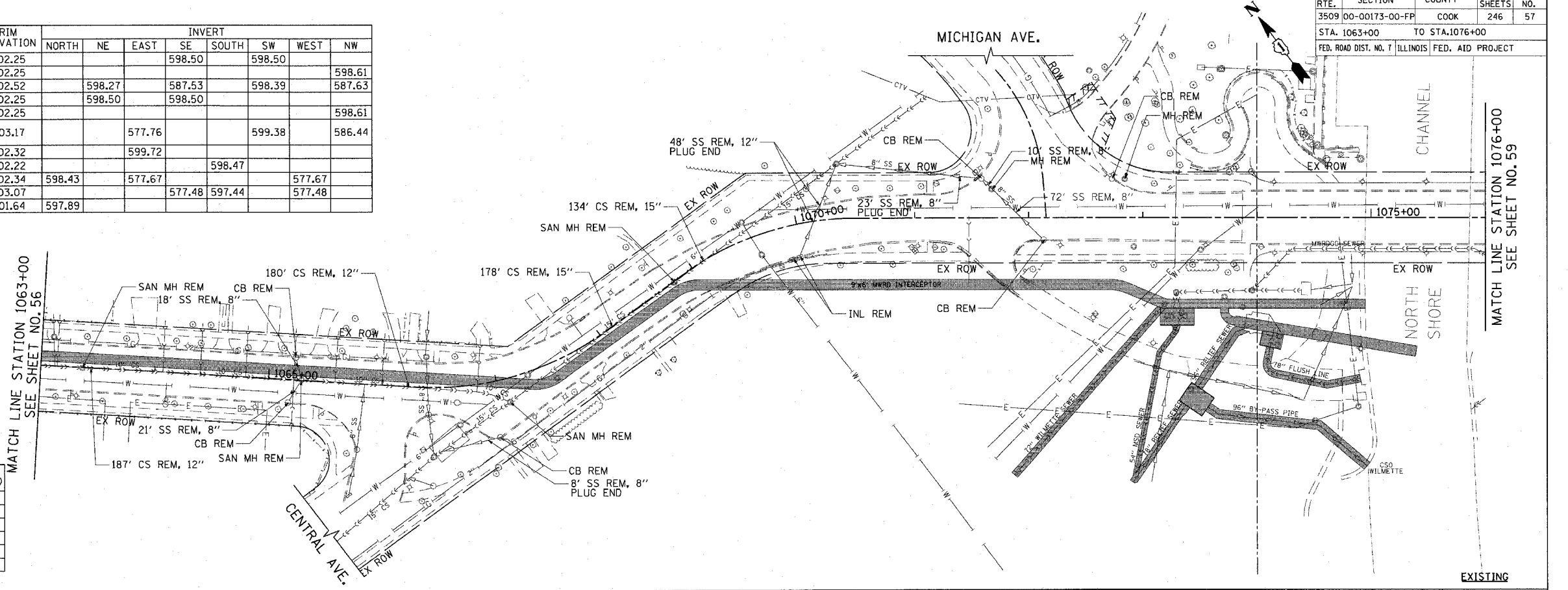
STRUCTURE NUMBER	STATION	OFFSET (FT)	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT							
						NORTH	NE	EAST	SE	SOUTH	SW	WEST	NW
96	1071+22.7	19.5' LT	CB TA 4 DIA	T23 F & G	601.25				596.91		596.81		
96A	1071+37.7	19.5' LT	CB TA 4 DIA	T23 F & G	601.26								597.02
97	1071+22.7	15.0' LT	MH TA 5 DIA	T1 F, CL	601.34			596.79		577.32		597.18	577.32
97A	1071+37.7	19.5' RT	INLET TA	T23 F & G	601.26			597.51					
98	1071+22.7	19.5' RT	CB TYPE C	T23 F & G	601.25			597.50					
99	1072+45.0	26.1' LT	CB TA 4 DIA	T23 F & G	601.60	597.04						596.94	
99A	1072+01.6	107.6' LT	INLET TA	T23 F & G	601.60			597.95					
100	1072+35.2	15.0' LT	MH TA 7 DIA	T1 F, CL	601.74			596.82				577.21	577.21
101	1072+35.2	19.5' RT	MH TA 6 DIA.	T1 F, OL	601.65			577.18					

**SCHEDULE OF STORM SEWER PIPES**

PIPE NUMBER	ITEM	CLASS	TYPE	SIZE	LENGTH (FT)	SLOPE	TBF (CU YD)
90	SS - JACKED IN PLACE	A	4	42"	90.0	0.10%	0

**SCHEDULE OF STORM SEWER PIPES**

PIPE NUMBER	ITEM	CLASS	TYPE	SIZE	LENGTH (FT)	SLOPE	TBF (CU YD)
91	SS	A	1	12"	3.6	1.00%	1
92	SS	A	4	42"	192.5	0.10%	1057
93	SS	WM REQMTS	2	12"	45.3	1.00%	16
94	SS	A	4	42"	156.0	0.10%	843
95	SS	A	2	12"	2.0	1.00%	1
95A	SS	A	2	12"	11.0	1.00%	2
96	SS	WM REQMTS	1	12"	32.0	1.00%	5
96A	SS	WM REQMTS	1	12"	39.0	1.00%	6
97	SS	A	4	42"	107.4	0.10%	565
98	SS	A	2	12"	12.3	1.00%	5
99	SS	A	1	12"	91.3	1.00%	14
100	SS	A	4	42"	32.0	0.10%	171



**REVISIONS**

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DRAINAGE & UTILITY PLAN**  
 SHERIDAN ROAD  
 STATION 1063+00 TO STATION 1076+00

DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY B.J.L.

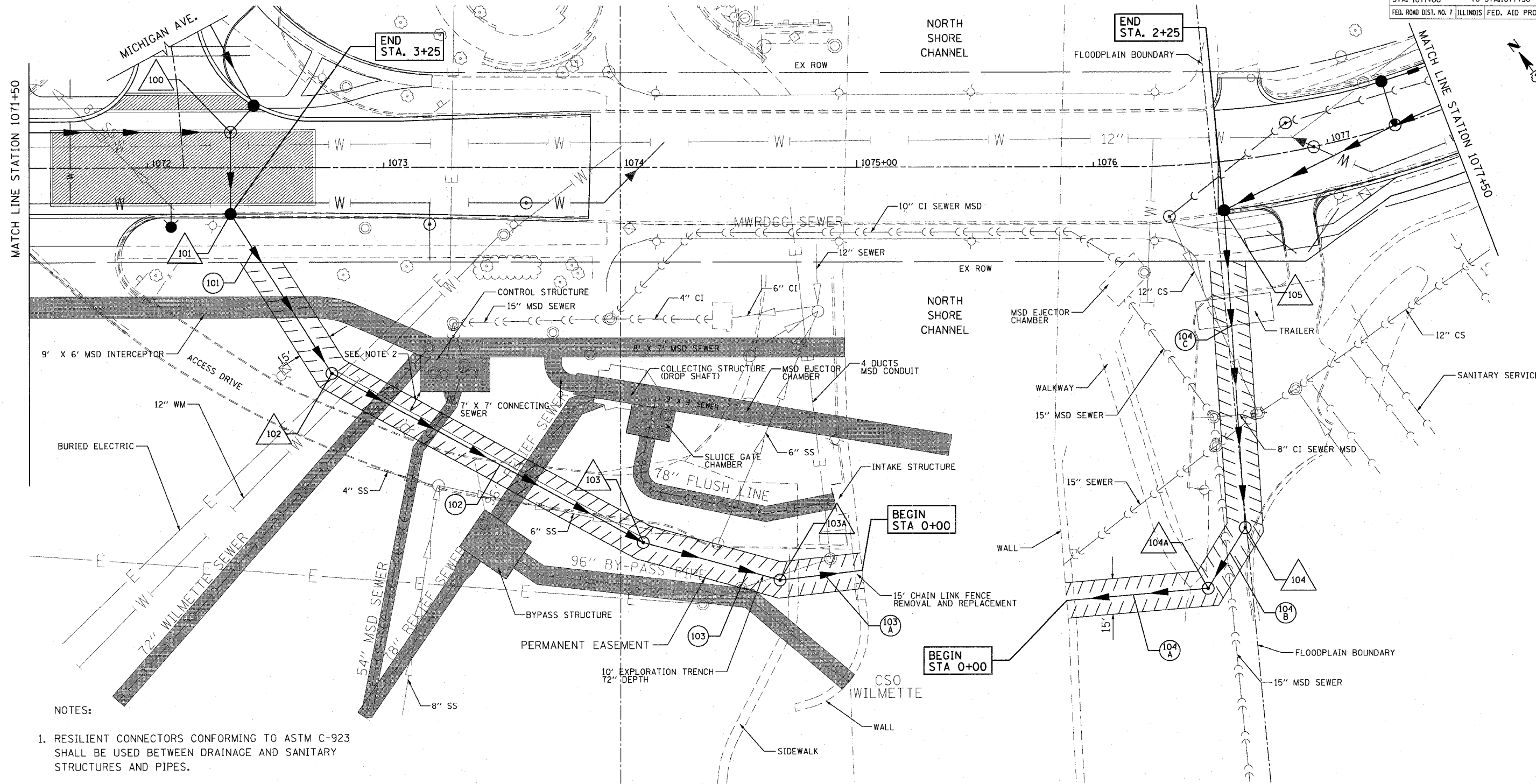
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1051 PERIMETER DRIVE, SUITE 1025  
 SCHAUMBURG, ILLINOIS 60173  
 (847) 605-8600



F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	58
STA. 1071+00		TO STA. 1077+50		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



NOTES:

- RESILIENT CONNECTORS CONFORMING TO ASTM C-923 SHALL BE USED BETWEEN DRAINAGE AND SANITARY STRUCTURES AND PIPES.
- MAINTAIN MINIMUM HORIZONTAL SEPARATION OF 10 FEET BETWEEN OUTSIDE OF MWRD STRUCTURES AND OUTSIDE OF PROPOSED SEWER FACILITIES.

FOR PROFILE SEE SHEET 72

SCHEDULE OF STORM SEWER STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET (FT)	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT									
						NORTH	NE	EAST	SE	SOUTH	SW	WEST	NW		
102	1072+77.8	87.2'	RT	MH TA 5 DIA	T1 F. CL	598.32	577.08			577.08					
103	1074+09.5	159.1'	RT	MH TA 5 DIA	T1 F. CL	588.54			576.65					576.65	
103A	1074+67.4	174.9'	RT	MH TA 7 DIA	T1 F. CL	586.87			575.48					575.48	
104A	1076+37.4	179.8'	RT	MH TA 6 DIA, DROP	T1 F. CL	600.75		591.13						580.07	
104	1076+49.6	155.5'	RT	MH TA 5 DIA	T1 F. CL	601.45		591.35				591.25			

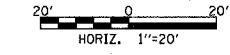
SCHEDULE OF STORM SEWER PIPES

PIPE NUMBER	ITEM	CLASS	TYPE	SIZE	LENGTH (FT)	SLOPE	TBF (CU YD)
101	SS - JACKED IN PLACE	A	4	42"	75.0	0.30%	129
102	SS - JACKED IN PLACE	A	3	42"	145.0	0.30%	0
103	SS	A	2	42"	55.0	0.30%	0
103A	SS	A	2	54"	32.5	0.06%	0
104A	SS	A	2	36"	57.5	0.13%	15
104B	SS	A	2	30"	25.0	0.50%	11
104C	SS - JACKED IN PLACE	A	2	30"	130.0	0.50%	23

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DRAINAGE & UTILITY PLAN**  
 SHERIDAN ROAD  
 NORTH CHANNEL OUTFALL

DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL

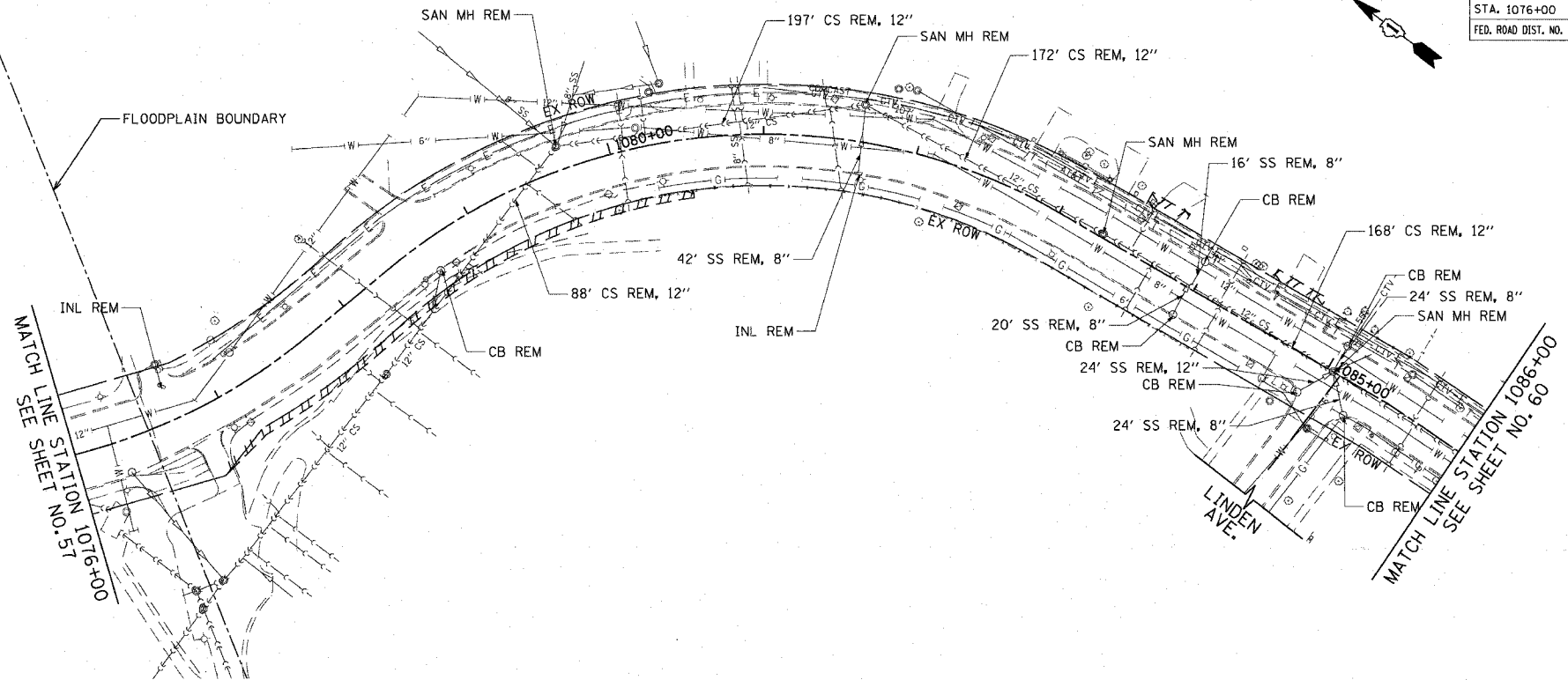


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1081 PERIMETER DRIVE, SUITE 1025  
 SCHAUMBURG, ILLINOIS 60173  
 (847) 905-9800



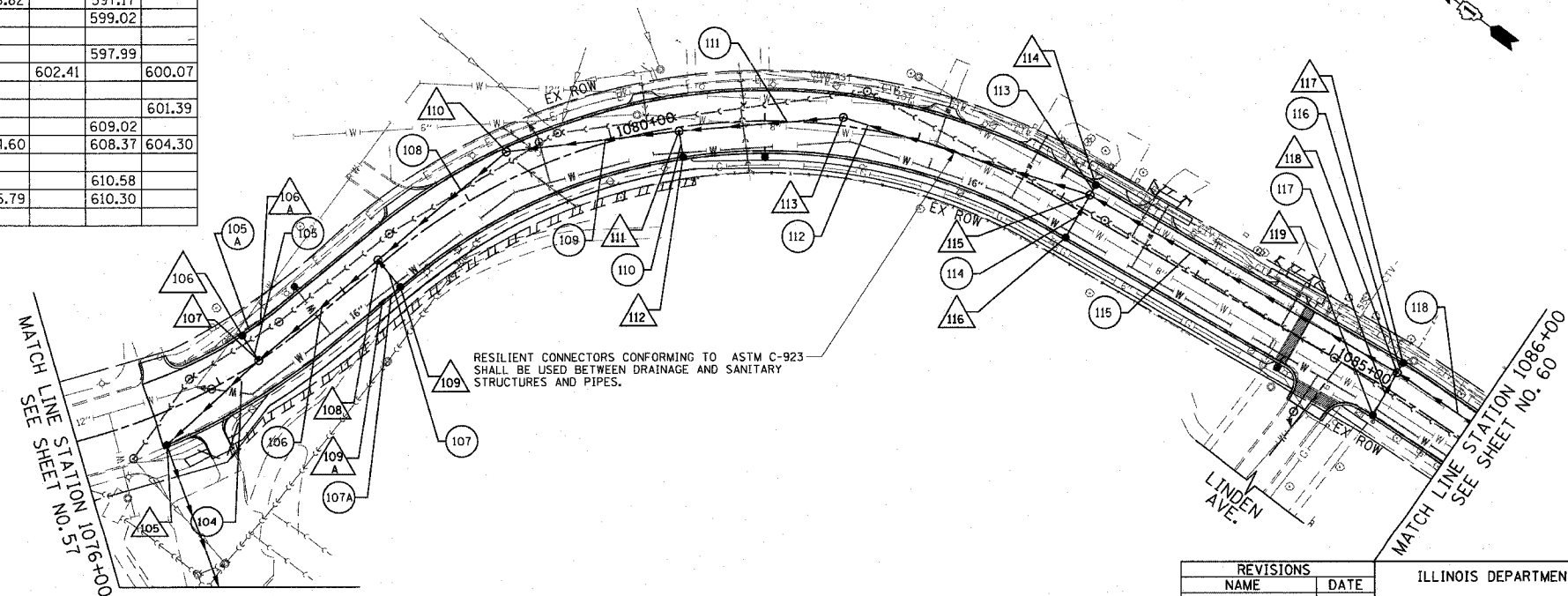
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FF	COOK	246	59
STA. 1076+00		TO STA. 1086+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



SCHEDULE OF STORM SEWER STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET (FT)	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT								
						NORTH	NE	EAST	SE	SOUTH	SW	WEST	NW	
105	1076+53.2	20.6'	RT	CB TA 5 DIA	T23 F & G	603.55			596.01			592.00		
106A	1077+44.4	19.5'	LT	INLET TA	T23 F & G	602.55								598.90
106	1077+29.4	19.5'	LT	CB TA 4 DIA	T23 F & G	602.54					598.79		598.79	
107	1077+29.4	0.2'	LT	MH TA 5 DIA	T1 F, CL	602.93		598.62	596.69				596.39	
108	1078+30.0	3.2'	LT	MH TA 5 DIA	T1 F, CL	602.97			597.47		598.82		597.17	
109	1078+30.0	19.5'	RT	CB TYPE C	T23 F & G	602.77	599.02						599.02	
109A	1078+15.0	19.5'	RT	INLET TA	T23 F & G	602.78			599.13					
110	1079+35.0	17.0'	LT	MH TA 5 DIA	T1 F, CL	604.57			599.00				597.99	
111	1080+44.0	2.5'	RT	MH TA 5 DIA	T1 F, CL	606.64			600.37		602.41		600.07	
112	1080+44.0	19.5'	RT	CB TYPE C	T23 F & G	606.30		602.55						
113	1081+50.0	5.5'	LT	MH TA 5 DIA	T1 F, CL	609.29			603.00				601.39	
114	1083+15.0	19.5'	LT	CB TYPE C	T23 F & G	612.77						609.02		
115	1083+15.0	12.0'	LT	MH TA 5 DIA	T1 F, CL	612.78			608.97		604.60		608.37	604.30
116	1083+15.0	19.5'	RT	CB TYPE C	T23 F & G	612.41			608.66					
117	1085+44.0	19.5'	LT	CB TYPE C	T23 F & G	614.33						610.58		
118	1085+44.0	12.1'	LT	MH TA 5 DIA	T1 F, CL	614.48	605.49		610.53		605.79		610.30	
119	1085+45.4	19.5'	RT	CB TYPE C	T23 F & G	614.34			610.59					

EXISTING



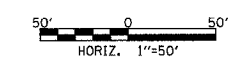
SCHEDULE OF STORM SEWER PIPES

PIPE NUMBER	ITEM	CLASS	TYPE	SIZE	LENGTH (FT)	SLOPE	TBF (CU YD)
104	SS	WM REQMTS	2	30"	76.0	0.50%	56
105	SS	A	1	12"	16.8	1.00%	3
105A	SS	A	1	12"	10.2	1.00%	2
106	SS	A	2	27"	95.5	0.50%	50
107	SS	WM REQMTS	1	12"	20.2	1.00%	4
107A	SS	WM REQMTS	1	12"	11.0	1.00%	2
108	SS	A	2	27"	103.2	0.50%	54
109	SS	WM REQMTS	2	27"	107.4	1.00%	57
110	SS	WM REQMTS	1	12"	14.5	1.00%	3
111	SS	A	2	27"	101.4	1.00%	76
112	SS	A	2	27"	162.2	0.80%	132
113	SS	WM REQMTS	1	12"	5.0	1.00%	1
114	SS	WM REQMTS	1	12"	29.0	1.00%	5
115	SS	A	2	27"	224.0	0.40%	240
116	SS	A	1	12"	5.0	1.00%	1
117	SS	WM REQMTS	1	12"	29.0	1.00%	5
118	SS	WM REQMTS	2	27"	245.8	0.40%	279

PROPOSED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DRAINAGE & UTILITY PLAN**  
 SHERIDAN ROAD  
 STATION 1076+00 TO STATION 1086+00



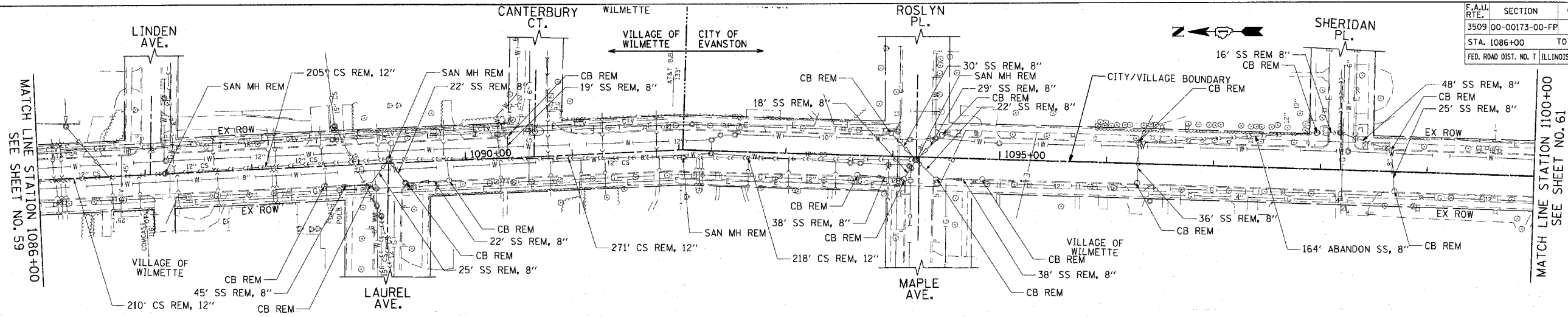
DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL

PLOT DATE = 7/12/2007  
 PLOT SCALE = 1"=50'  
 USER NAME = bholman

1051 PERIMETER DRIVE, SUITE 1025  
 SCHUMBERG, ILLINOIS 60173  
 (847) 605-8600



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509 00-00173-00-FF		COOK	246	60
STA. 1086+00		TO STA. 1100+00		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		



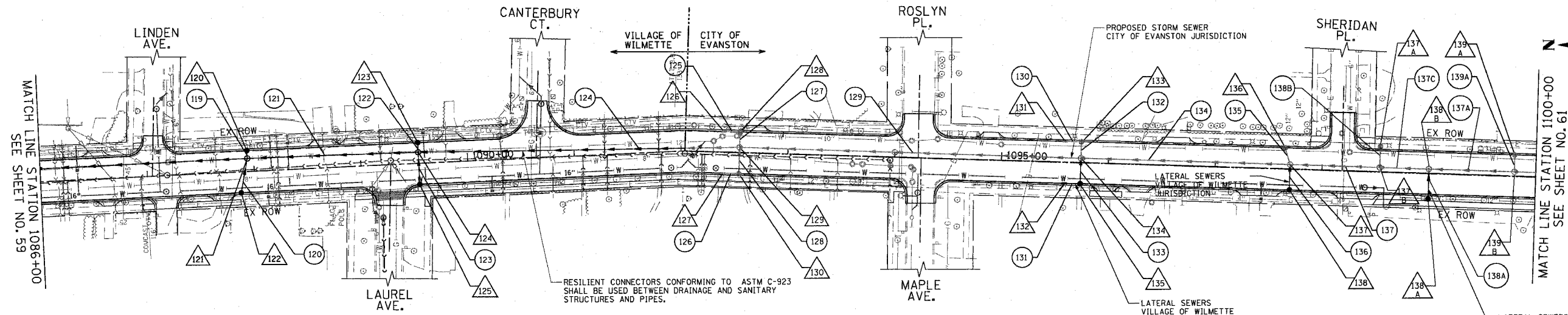
SCHEDULE OF STORM SEWER STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET (FT)	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT							
						NORTH	NE	EAST	SE	SOUTH	SW	WEST	NW
120	1087+94.0	19.5' LT	CB TYPE C	T23 F & G	615.65							611.90	
121	1087+94.0	8.8' RT	MH TA 5 DIA	T1 F, CL	615.87	606.77		611.82				607.07	611.59
122	1087+87.0	19.5' RT	CB TYPE C	T23 F & G	615.61			611.86					
123	1089+54.1	19.5' LT	CB TYPE C	T23 F & G	616.50							612.75	
124	1089+54.1	10.3' LT	MH TA 5 DIA	T1 F, CL	616.68	607.69		612.68				607.99	
125	1089+54.2	19.5' RT	CB TYPE C	T23 F & G	616.50			612.75					
126	1092+39.6	19.5' LT	INLET TA	T23 F & G	616.31							612.67	
127	1092+39.6	19.5' RT	INLET TA	T23 F & G	616.31							612.67	
128	1092+54.6	19.5' LT	CB TA 4 DIA	T23 F & G	616.31	612.56						612.56	
129	1092+54.6	5.0' LT	MH TA 5 DIA	T1 F, CL	616.60	609.18		612.44				609.48	612.34

SCHEDULE OF STORM SEWER PIPES

PIPE NUMBER	ITEM	CLASS	TYPE	SIZE	LENGTH (FT)	SLOPE	TBF (CU YD)
119	SS	A	1	12"	8.2	1.00%	2
120	SS	WM REQMTS	1	12"	26.6	1.00%	4
121	SS	A	2	24"	155.0	0.40%	174
122	SS	A	1	12"	6.6	1.00%	1
123	SS	WM REQMTS	1	12"	27.3	1.00%	5
124	SS	WM REQMTS	2	24"	296.0	0.40%	281
125	SS	A	1	12"	11.0	1.00%	2
126	SS	A	1	12"	11.0	1.00%	2
127	SS	WM REQMTS	1	12"	12.0	1.00%	2
128	SS	WM REQMTS	1	12"	22.0	1.00%	4

EXISTING



SCHEDULE OF STORM SEWER STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET (FT)	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT							
						NORTH	NE	EAST	SE	SOUTH	SW	WEST	NW
130	1092+54.6	19.5' RT	CB TA 4 DIA	T23 F & G	616.31	612.56		612.56					
131	1095+59.2	19.5' RT	INLET TA	T23 F & G	616.52							612.87	
132	1095+59.2	19.5' LT	INLET TA	T23 F & G	616.52							612.87	
133	1095+74.2	19.5' LT	CB TA 4 DIA	T23 F & G	616.51	612.76						612.76	
134	1095+74.2	4.0' RT	MH TA 5 DIA	T1 F, CL	616.82	610.73		612.63				611.03	612.55
135	1095+74.2	19.5' RT	CB TA 4 DIA	T23 F & G	616.51	612.76		612.76					
136	1097+65.0	19.5' LT	CB TYPE C	T23 F & G	617.13							613.38	
137A	1098+54.0	23.3' LT	CB TYPE C	T8 GRATE	617.65								
137	1097+70.0	4.0' LT	MH TA 4 DIA	T1 F, CL	617.46	611.80		613.24				612.10	613.19
137B	1098+54.0	4.0' LT	MH TA 4 DIA	T1 F, CL	617.78	612.30		613.74				612.30	
138A	1099+00.0	24.0' RT	CB TYPE C	T8 GRATE	616.80			613.05					
138B	1099+00.0	3.9' LT	MH TA 4 DIA	T1 F, CL	617.91	612.41						612.51	612.79
138	1097+70.0	19.5' RT	CB TYPE C	T23 F & G	617.15			613.40					
139A	1099+80.0	19.5' LT	CB TYPE C	T23 F & G	617.53							613.75	
139B	1099+80.0	3.9' LT	MH TA 4 DIA	T1 F, CL	617.99	612.70		613.61				612.80	

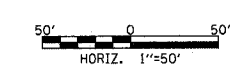
SCHEDULE OF STORM SEWER PIPES

PIPE NUMBER	ITEM	CLASS	TYPE	SIZE	LENGTH (FT)	SLOPE	TBF (CU YD)
129	SS	A	2	24"	314.6	0.40%	206
130	SS	WM REQMTS	1	12"	11.0	1.00%	2
131	SS	A	1	12"	11.0	1.00%	2
132	SS	WM REQMTS	1	12"	13.0	1.00%	2
133	SS	A	1	12"	21.0	1.00%	4
134	SS	A	2	18"	191.3	0.40%	95
135	SS	WM REQMTS	1	12"	14.3	1.00%	3
136	SS	A	1	12"	21.5	1.00%	4
137A	SS	A	2	18"	76.0	0.25%	24
137	SS	A	2	18"	80.0	0.25%	36
137C	SS	A	2	18"	42.0	0.25%	13
138A	SS	A	2	12"	25.9	1.00%	4
138B	SS	WM REQMTS	2	12"	15.4	1.00%	4
139A	SS	WM REQMTS	1	12"	13.6	1.00%	3

PROPOSED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DRAINAGE & UTILITY PLAN**  
 SHERIDAN ROAD  
 STATION 1086+00 TO STATION 1100+00



DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY B.JL

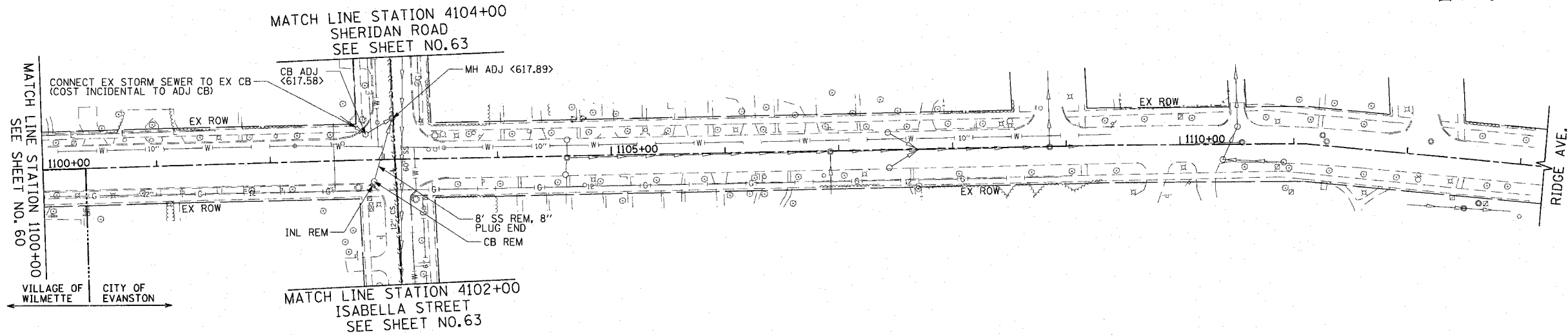
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 USER NAME = b.johnson

1051 PERIMETER DRIVE, SUITE 1025  
 SCHALBURG, ILLINOIS 60175  
 (847) 605-9800

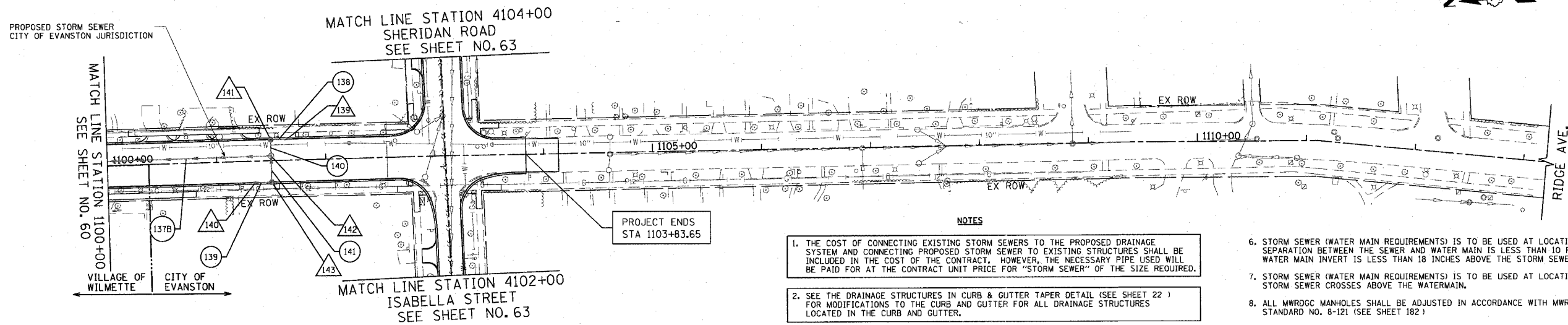


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	61
STA. 1100+00 TO STA. 1113+20.81				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

PLOT DATE = 7/12/2007  
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EXISTING



NOTES

1. THE COST OF CONNECTING EXISTING STORM SEWERS TO THE PROPOSED DRAINAGE SYSTEM AND CONNECTING PROPOSED STORM SEWER TO EXISTING STRUCTURES SHALL BE INCLUDED IN THE COST OF THE CONTRACT. HOWEVER, THE NECESSARY PIPE USED WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "STORM SEWER" OF THE SIZE REQUIRED.
2. SEE THE DRAINAGE STRUCTURES IN CURB & GUTTER TAPER DETAIL (SEE SHEET 22) FOR MODIFICATIONS TO THE CURB AND GUTTER FOR ALL DRAINAGE STRUCTURES LOCATED IN THE CURB AND GUTTER.
3. OFFSETS AND TOP OF FRAME OR LID ELEVATIONS FOR STRUCTURES WHICH ARE LOCATED IN THE GUTTER ARE GIVEN AT THE EDGE OF PAVEMENT WITH RELATION TO THE PROPOSED CENTERLINE.
4. OFFSETS AND TOP OF FRAME OR LID ELEVATIONS FOR STRUCTURES NOT LOCATED IN THE GUTTER ARE GIVEN TO THE CENTER OF THE STRUCTURE WITH RELATION TO THE PROPOSED CENTERLINE.
5. CENTER OF RIM FOR STRUCTURES ON MAINLINE THAT ARE LOCATED IN PAVEMENT SHOULD BE PLACED AT SAME OFFSET AS STRUCTURE IS PLACED.
6. STORM SEWER (WATER MAIN REQUIREMENTS) IS TO BE USED AT LOCATIONS WHERE LATERAL SEPARATION BETWEEN THE SEWER AND WATER MAIN IS LESS THAN 10 FEET AND THE WATER MAIN INVERT IS LESS THAN 18 INCHES ABOVE THE STORM SEWER CROWN.
7. STORM SEWER (WATER MAIN REQUIREMENTS) IS TO BE USED AT LOCATIONS WHERE THE STORM SEWER CROSSES ABOVE THE WATERMAIN.
8. ALL MWRGCC MANHOLES SHALL BE ADJUSTED IN ACCORDANCE WITH MWRGCC STANDARD NO. 8-121 (SEE SHEET 182)
9. ANY PROPOSED MANHOLES, CATCH BASINS, AND VALVE VAULTS WHICH WILL BE OWNED BY THE CITY OF EVANSTON SHALL NOT HAVE CAST IRON STEPS IN THEM.
10. ALL PROPOSED STORM SEWER MUST CONFORM TO THE MWRD NOTES (SEE SHEET 2). ALL PIPES MUST CONFORM TO THE MATERIALS LISTED IN MWRD NOTE 5.
11. ALL CATCH BASINS, INLETS, AND MANHOLES ARE TO BE PAID FOR AS "CATCH BASINS, SPECIAL", "INLETS, SPECIAL", AND "MANHOLES, SPECIAL", RESPECTIVELY, OF THE TYPE AND SIZE SPECIFIED.
12. EACH PROPERTY SHALL HAVE A STORM SEWER SERVICE.

PROPOSED

SCHEDULE OF STORM SEWER STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET (FT)	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT								
						NORTH	NE	EAST	SE	SOUTH	SW	WEST	NW	
139	1101+65.0	19.5'	LT	T23 F & G	617.08	613.54								
140	1101+35.0	19.5'	RT	T23 F & G	616.89					613.39				
141	1101+50.0	19.5'	LT	T23 F & G	617.08					613.48		613.38		
142	1101+50.0	4.4'	LT	T1 F, CL	617.53	613.22		613.32				613.22		
143	1101+50.0	19.5'	RT	T23 F & G	616.88	613.33		613.33						

SCHEDULE OF STORM SEWER PIPES

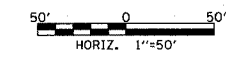
PIPE NUMBER	ITEM	CLASS	TYPE	SIZE	LENGTH (FT)	SLOPE	TBF (CU YD)
137B	SS	A	2	18"	166.0	0.25%	51
138	SS	A	1	12"	12.0	0.50%	2
139	SS	A	1	12"	12.0	0.50%	2
140	SS	WM REQMTS	1	12"	11.1	0.50%	2
141	SS	A	1	12"	21.9	0.50%	4

• BOXED ITEMS ARE INCLUDED IN THE COST OF THE CONTRACT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DRAINAGE & UTILITY PLAN  
 SHERIDAN ROAD  
 STATION 1100+00 TO STATION 1113+20.81

DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY B.JL

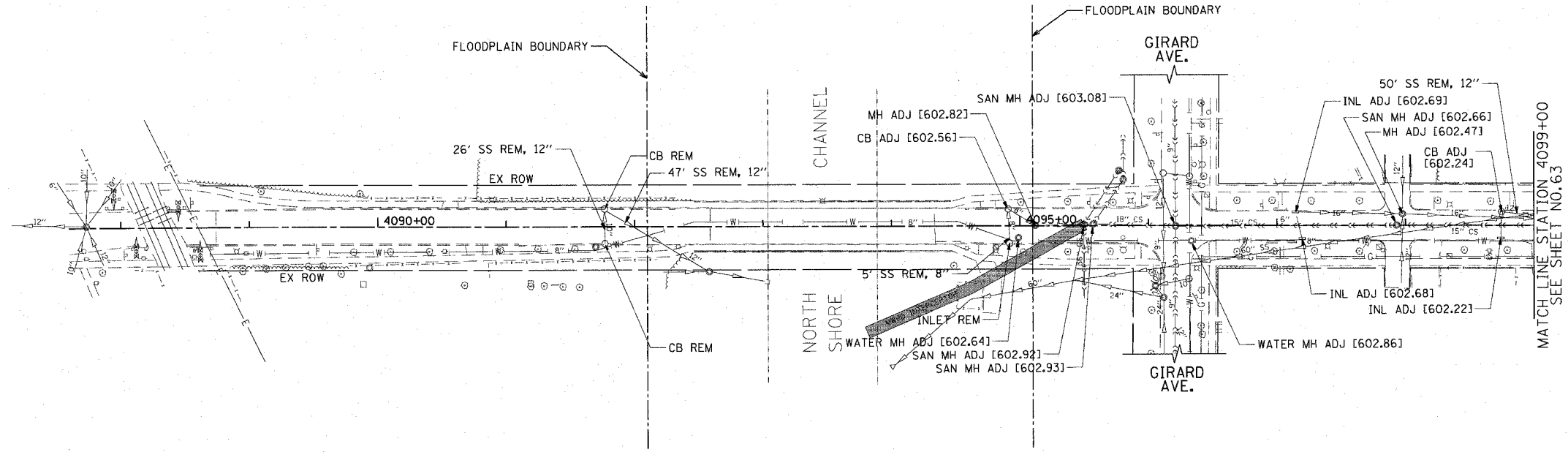


1051 PERIMETER DRIVE, SUITE 1025  
 SKOKIE, ILLINOIS 60077  
 (847) 885-8800



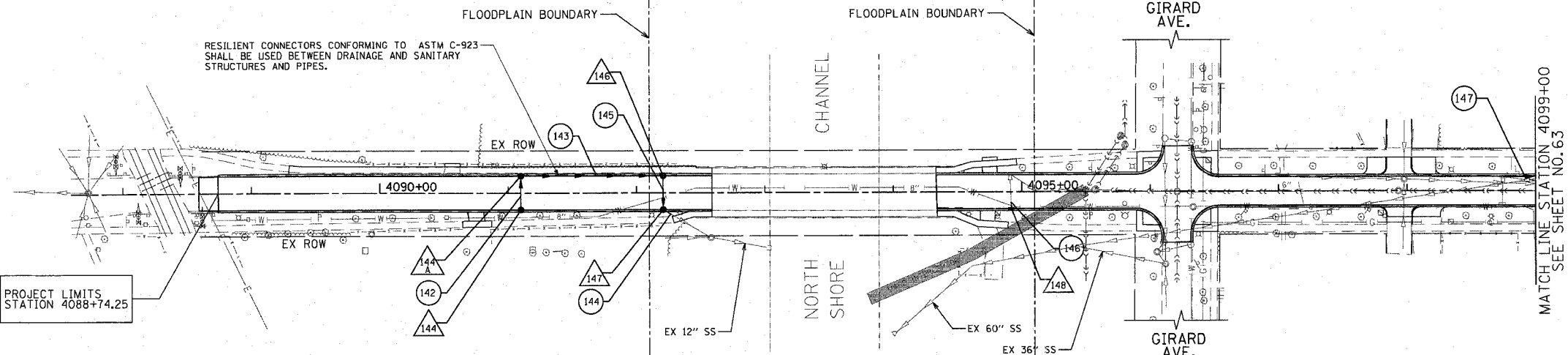
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	62
STA. 4088+00		TO STA. 4099+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

PLOT DATE = 7/12/2007  
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 PLOT SCALE = 50.0000 / IN.  
 USER NAME = b.johnson



MATCH LINE STATION 4099+00  
 SEE SHEET NO. 63

EXISTING



MATCH LINE STATION 4099+00  
 SEE SHEET NO. 63

PROPOSED

SCHEDULE OF STORM SEWER PIPES

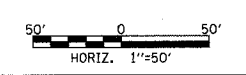
PIPE NUMBER	ITEM	CLASS	TYPE	SIZE	LENGTH (FT)	SLOPE	TBF (CU YD)
142	SS	A	1	12"	22.0	1.00%	4
143	SS	A	2	12"	106.7	1.00%	18
144	SS	A	2	12"	5.0	1.00%	0
145	SS	WM REQMTS	2	12"	22.0	1.00%	8
146	SS	WM REQMTS	1	8"	15.0	3.14%	2
147	SS	A	1	12"	36.7	1.00%	6

SCHEDULE OF STORM SEWER STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET (FT)	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT								
						NORTH	NE	EAST	SE	SOUTH	SW	WEST	NW	
144A	4091+10.0	13.0' LT	CB TA 4 DIA	T11 F & G	603.57				599.56					
144	4091+10.0	13.0' RT	CB TA 4 DIA	T11 F & G	603.57	600.08								
145			NOT USED											
146	4092+20.7	13.0' LT	CB TA 4 DIA	T11 F & G	602.95					598.19		598.49		
147	4092+20.9	13.0' RT	CB TA 4 DIA	T11 F & G	602.95	597.97			596.50					
148	4094+91.9	13.0' RT	INLET TA	T11 F & G	602.56	600.14								

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DRAINAGE & UTILITY PLAN  
 ISABELLA STREET  
 STATION 4087+60 TO STATION 4099+00

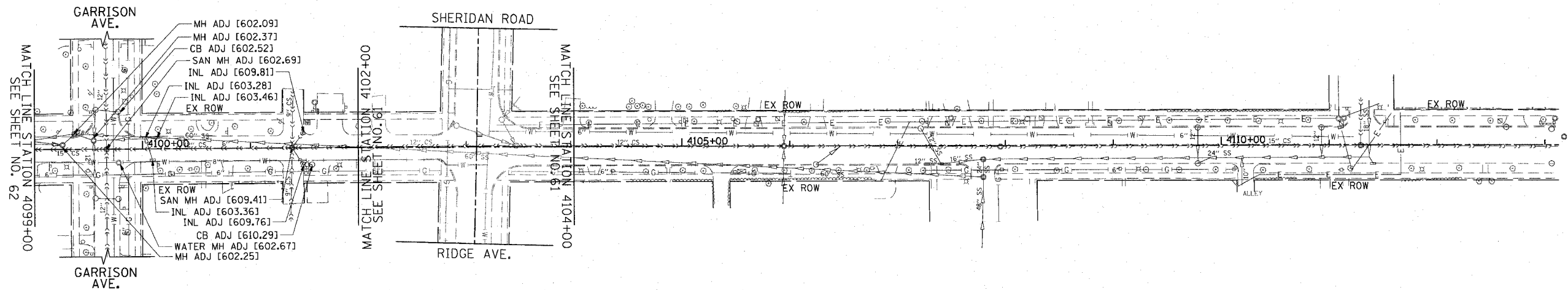


DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL

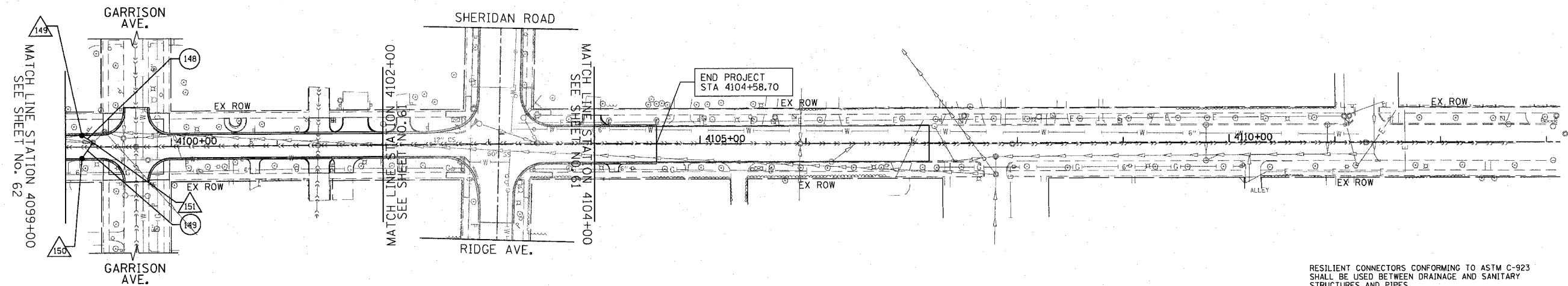
1051 PERMETER DRIVE, SUITE 1025  
 SCHAMBERG, ILLINOIS 60173  
 (847) 606-9600



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	63
STA. 4099+00		TO STA. 4113+20.81		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		



EXISTING



RESILIENT CONNECTORS CONFORMING TO ASTM C-923 SHALL BE USED BETWEEN DRAINAGE AND SANITARY STRUCTURES AND PIPES.

PROPOSED

SCHEDULE OF STORM SEWER PIPES

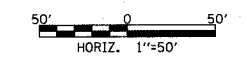
PIPE NUMBER	ITEM	CLASS	TYPE	SIZE	LENGTH (FT)	SLOPE	TBF (CY YD)
148	SS	A	2	12"	8.5	1.06%	3
149	SS	A	1	12"	14.3	1.05%	3

SCHEDULE OF STORM SEWER STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET (FT)	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT								
						NORTH	NE	EAST	SE	SOUTH	SW	WEST	NW	
149	4099+15.5	11.0'	LT	CB TA 4 DIA	T11 F & G	602.09				596.74			598.25	
150	4099+15.5	11.0'	RT	CB TA 4 DIA	T11 F & G	602.09		598.59						
151	4099+25.9	4.0'	LT	ADJUST		602.25	594.77 (EX)					598.44	594.80 (EX)	596.65

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DRAINAGE & UTILITY PLAN**  
 ISABELLA STREET/SHERIDAN ROAD  
 STATION 4099+00 TO STATION 4113+13



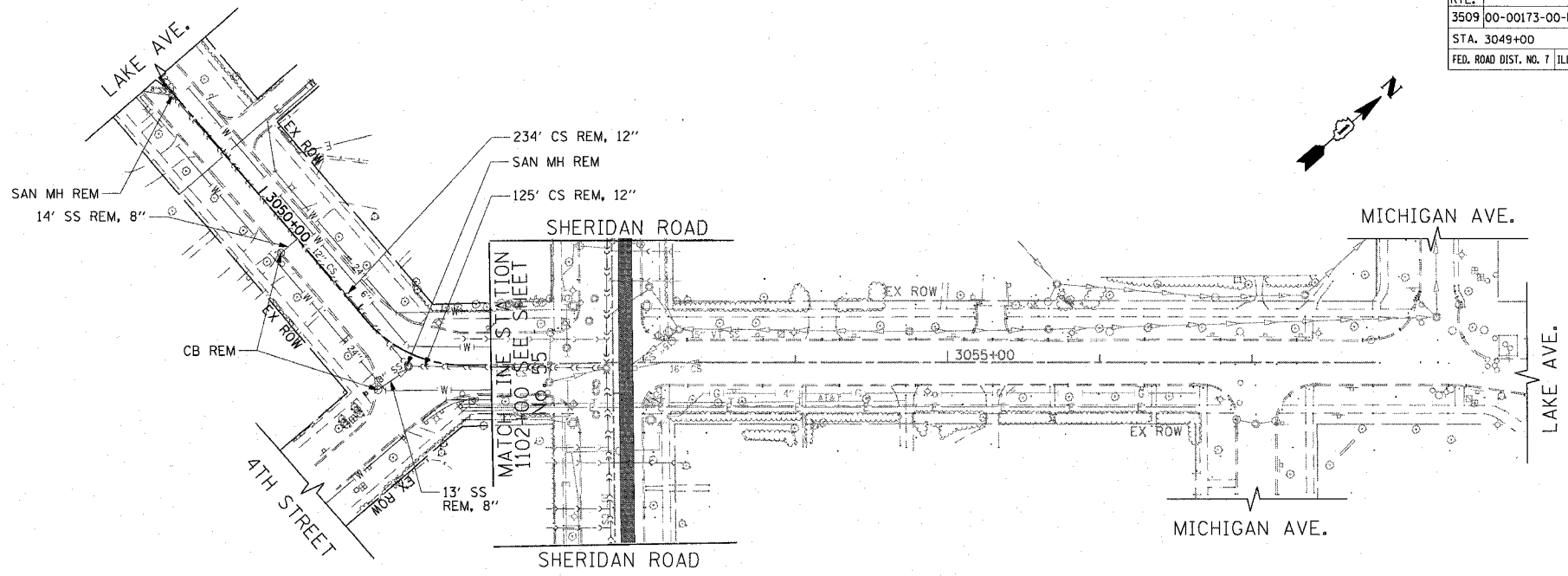
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 DRAWN BY LTD  
 CHECKED BY BJL

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 USER NAME = b.phelan

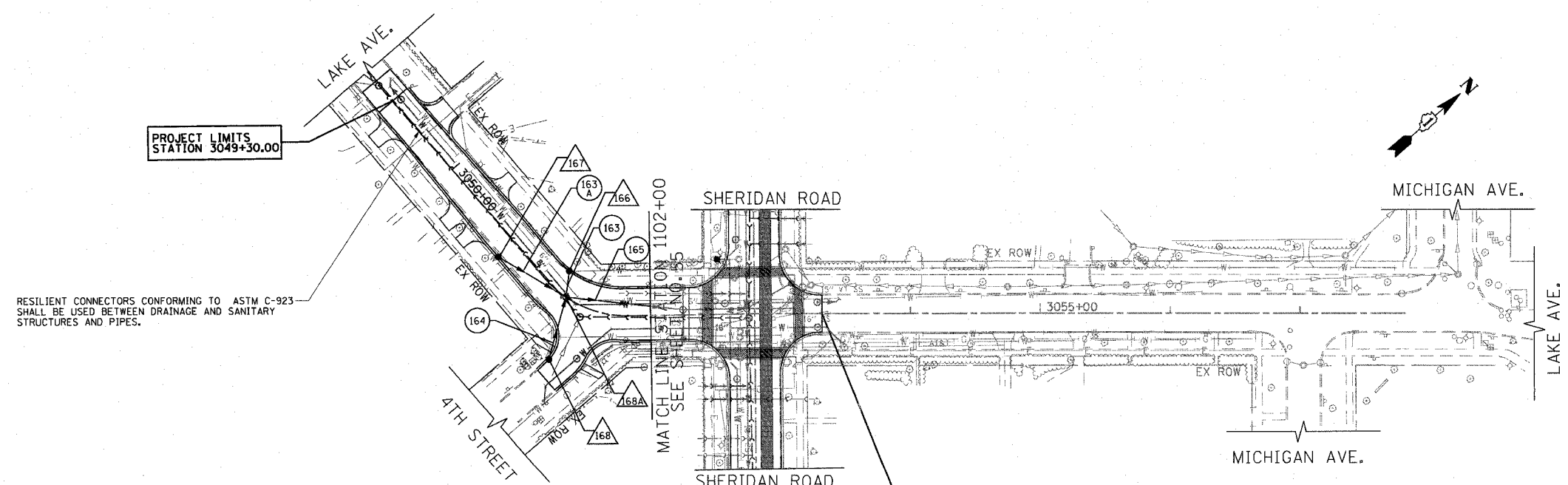
1061 PERMETER DRIVE, SUITE 1025  
 SCHAMBERG, ILLINOIS 60173  
 (677) 935-3600



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	64
STA. 3049+00		TO STA. 3057+82		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		



EXISTING



PROPOSED

SCHEDULE OF STORM SEWER PIPES

PIPE NUMBER	ITEM	CLASS	TYPE	SIZE	LENGTH (FT)	SLOPE	TBF (CU YD)
163	SS	WM REQMTS	1	12"	20.1	1.00%	3
163A	SS	WM REQMTS	2	12"	60.0	1.00%	9
164	SS	A	1	12"	49.6	1.00%	8
165	SS	WM REQMTS	2	15"	93.1	0.90%	35

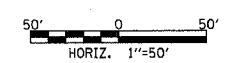
SCHEDULE OF STORM SEWER STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET (FT)	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT								
						NORTH	NE	EAST	SE	SOUTH	SW	WEST	NW	
166	3051+20.7	17.3'	LT	CB TYPE C	T23 F & G	604.54				600.92				
167	3050+74.5	16.5'	RT	CB TA 4 DIA	T23 F & G	604.70			600.95					
168	3051+42.1	48.0'	RT	CB TYPE C	T23 F & G	604.56							600.94	
168A	3051+32.0	0.0'	RT	MH TA 5 DIA	T1 F, CL	605.03		600.23	600.44		600.35		600.72	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DRAINAGE & UTILITY PLAN**  
 LAKE AVENUE  
 STATION 3049+00 TO STATION 3057+82

DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL



PLOT DATE = 7/12/2007  
 FILE NAME = g:\CD\365\08865\Road\Sheet\util12.dwg  
 PLOT SCALE = 50.0000 / 1.00  
 USER NAME = bjohnson

1051 PERIMETER DRIVE, SUITE 1025  
 SCHUMBERG, ILLINOIS 60173  
 (630) 833-9600





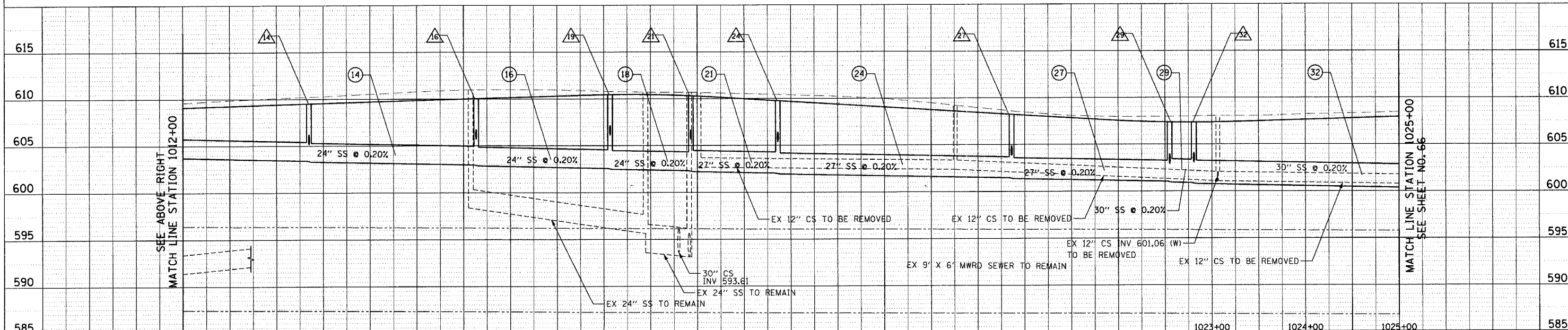
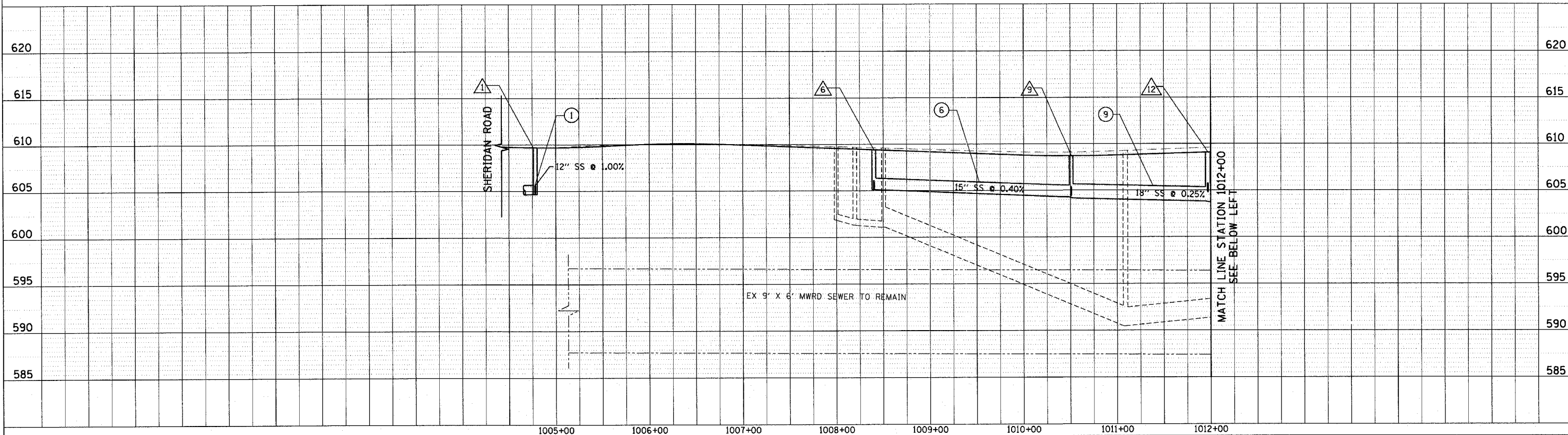
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	65
STA. 1004+50		TO STA. 1025+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

PLOT DATE = 7/12/2007  
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 USER NAME = b.johnson

PLAN	DATE
SURVEYED ALIGNED CHECKED NO.	

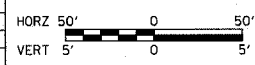
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1051 PERIMETER DRIVE, SUITE 1025  
 SCHAUMBURG, ILLINOIS 60173  
 (847) 965-9600



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DRAINAGE PROFILE  
 SHERIDAN ROAD  
 STATION 1004+50 TO STATION 1025+00



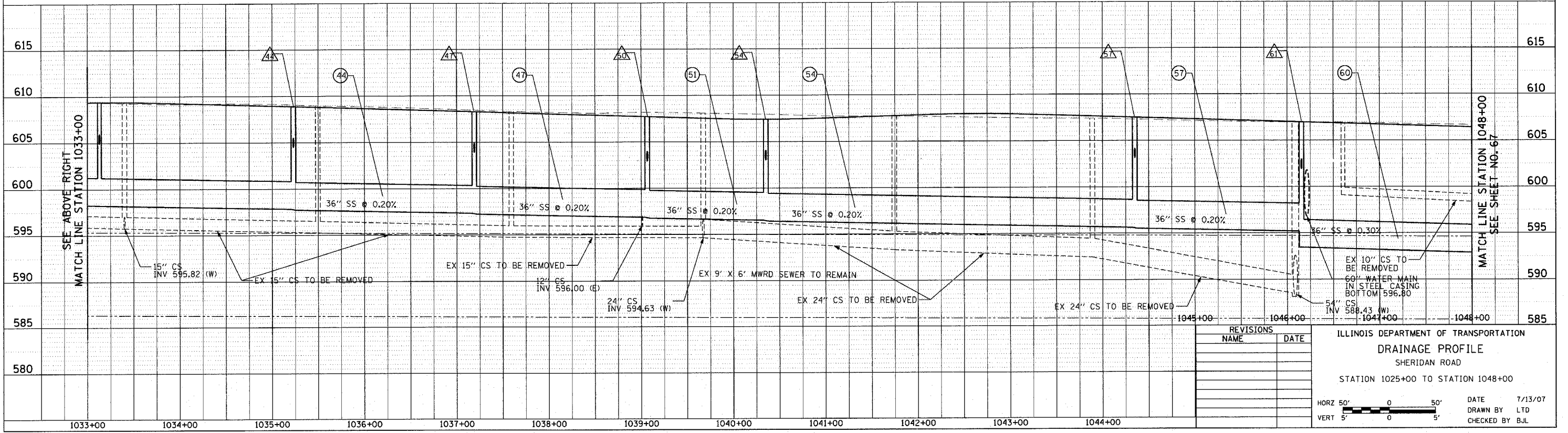
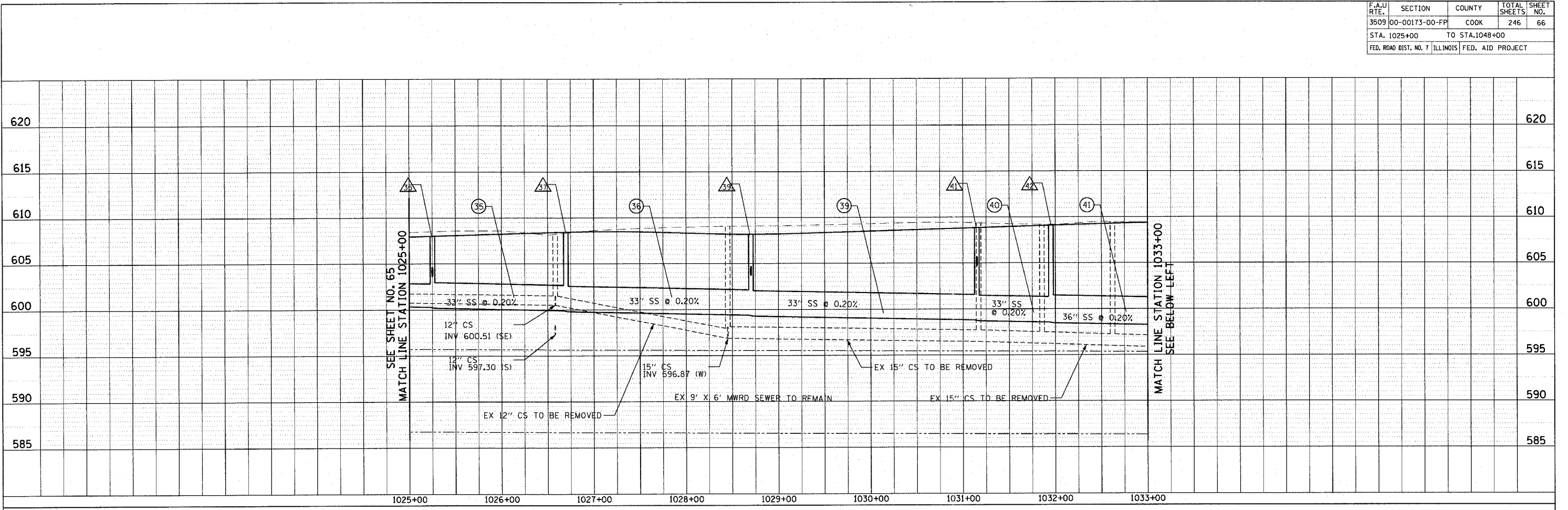
DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY B.JL

DATE: 7/12/2007  
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 USER NAME: bjoelmen

PLAN  
 SURVEYED: \_\_\_\_\_  
 PLANNED: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_

PROFILE  
 SURVEYED: \_\_\_\_\_  
 PLOTTED: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_

1051 PERIMETER DRIVE, SUITE 1025  
 SCHAMBERG, ILLINOIS 60173  
 (847) 605-9800



REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DRAINAGE PROFILE  
 SHERIDAN ROAD  
 STATION 1025+00 TO STATION 1048+00

HORZ 50' 0 50'  
 VERT 5' 0 5'

DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL

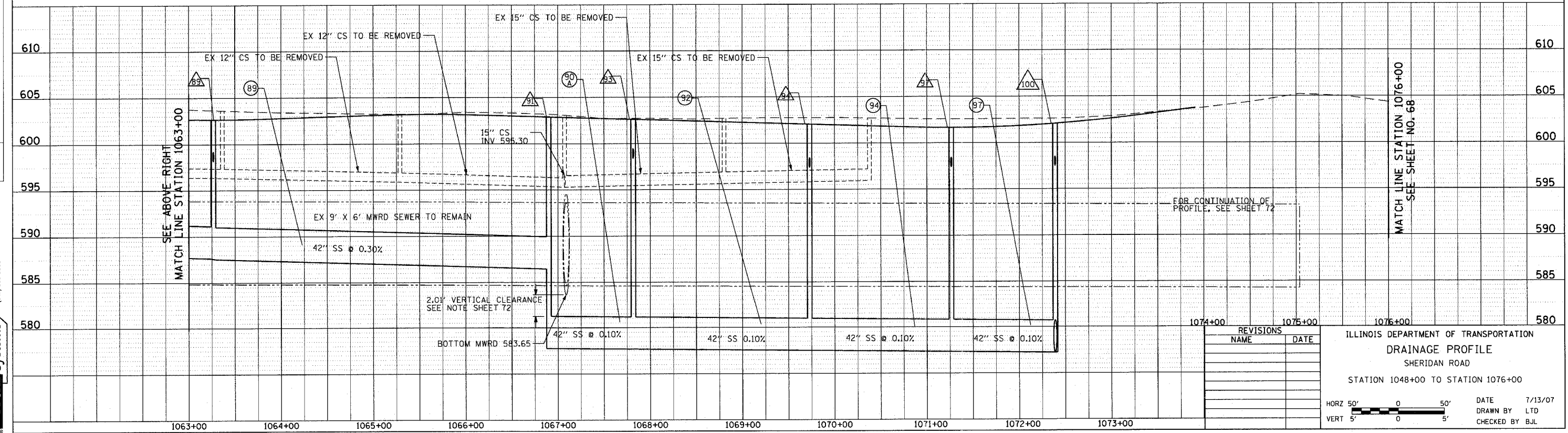
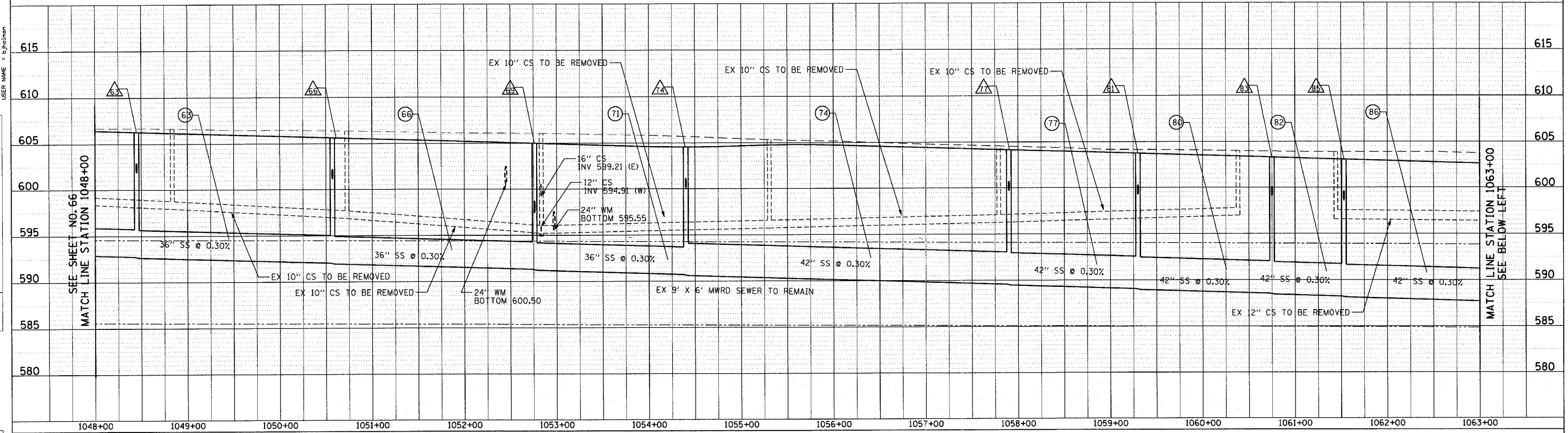
CONTRACT NO. 83964				
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STA. 1048+00		TO STA. 1076+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

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NO. _____	BY _____	_____
NO. _____	BY _____	_____

PROFILE	SURVEYED	DATE
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NO. _____	BY _____	_____
NO. _____	BY _____	_____

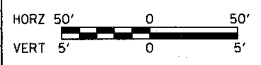
1051 PERIMETER DRIVE, SUITE 025  
 SCHAMBURG, ILLINOIS 60173  
 (847) 605-8600



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DRAINAGE PROFILE  
 SHERIDAN ROAD  
 STATION 1048+00 TO STATION 1076+00

DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL



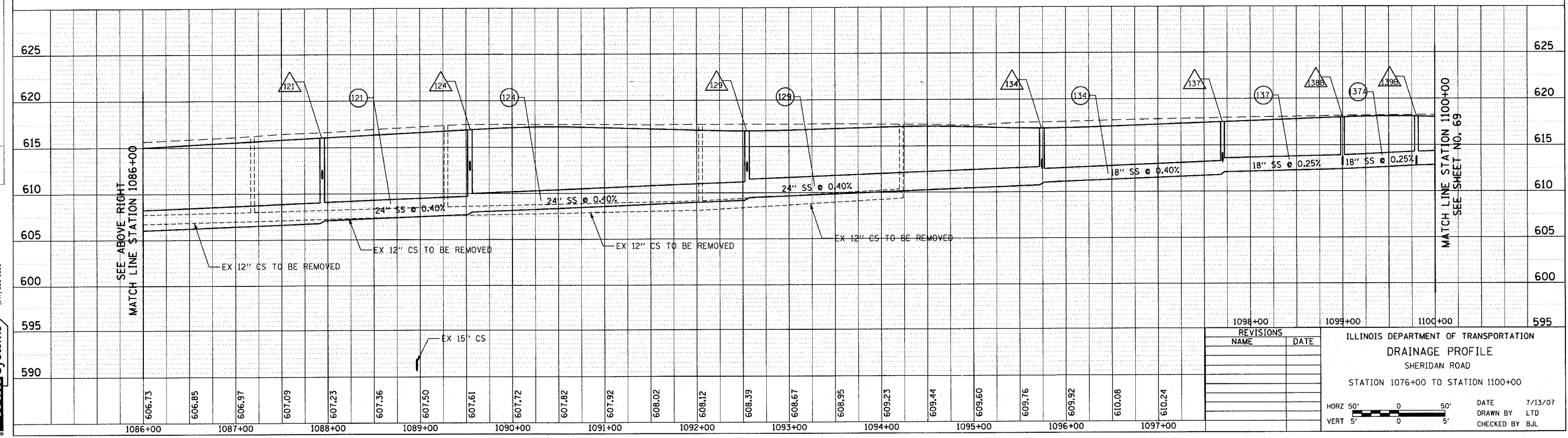
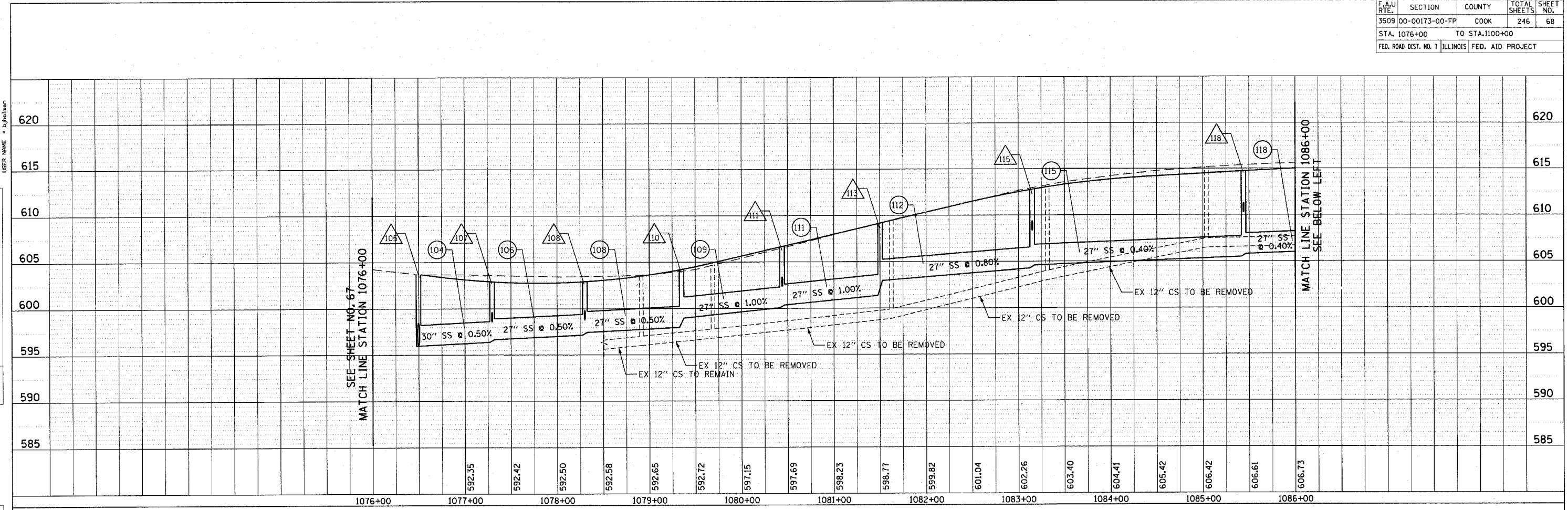
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STA. 1076+00		TO STA. 1100+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

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 USER NAME = bjoelma

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 PLOTTED BY: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 NOTE BOOK NO.: \_\_\_\_\_  
 STRUCTURE NOTATIONS CPWD

PROFILE SURVEYED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 PLOTTED BY: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 NOTE BOOK NO.: \_\_\_\_\_  
 STRUCTURE NOTATIONS CPWD

1051 PERIMETER DRIVE, SUITE 1025  
 SCHAUMBURG, ILLINOIS 60173  
 (847) 895-9800



REVISIONS	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DRAINAGE PROFILE**  
 SHERIDAN ROAD  
 STATION 1076+00 TO STATION 1100+00

HORZ 50' 0 50'  
 VERT 5' 0 5'

DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL

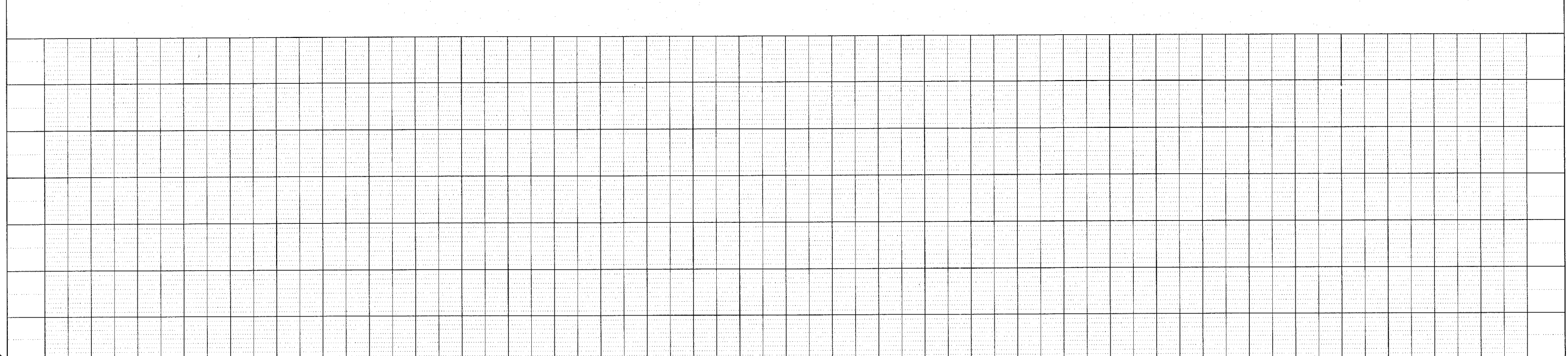
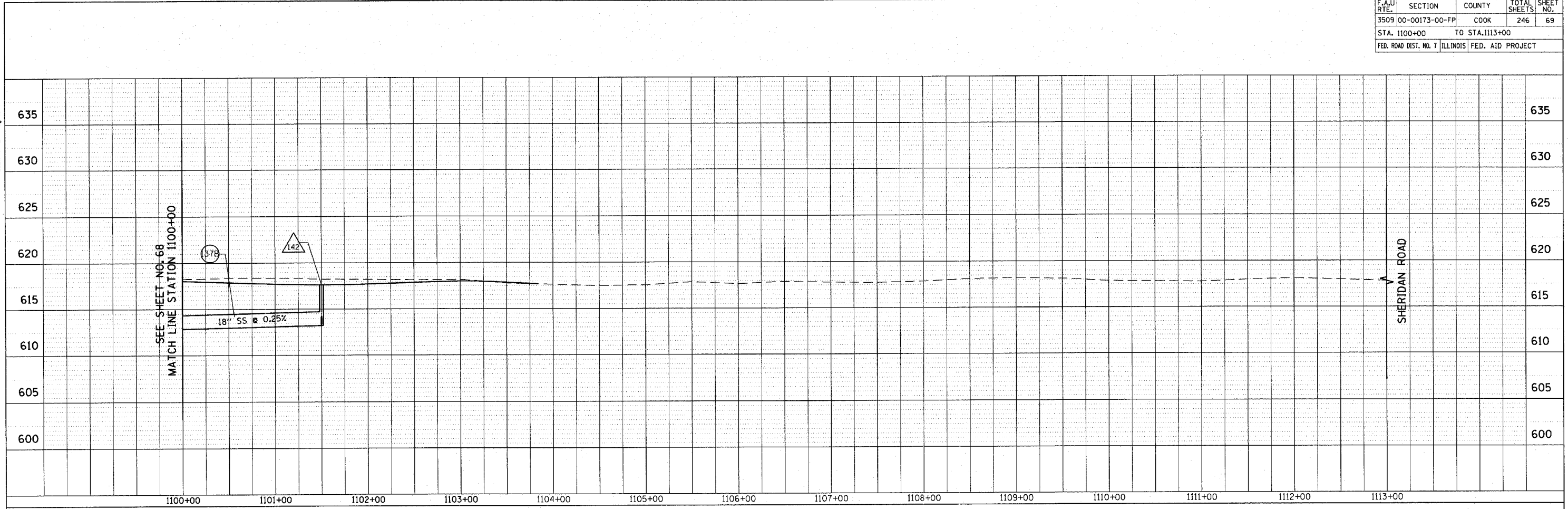
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STA. 1100+00		TO STA. 1113+00		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

PLOT DATE = 7/12/2007  
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 CHECKED BY: \_\_\_\_\_  
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 NOTE BOOK NO.: \_\_\_\_\_  
 NO.: \_\_\_\_\_

PROFILE  
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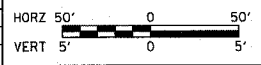
1051 PERMETER DRIVE, SUITE 1025  
 SCHAUMBURG, ILLINOIS 60173  
 (817) 605-8600



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DRAINAGE PROFILE  
 SHERIDAN ROAD  
 STATION 1100+00 TO STATION 1113+00

DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL



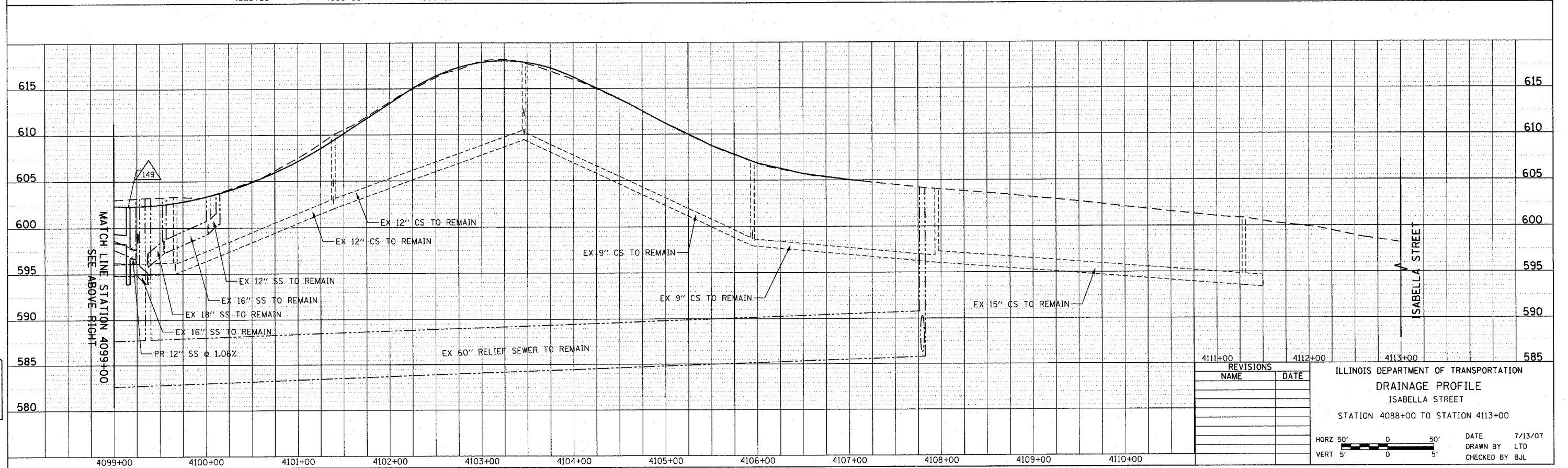
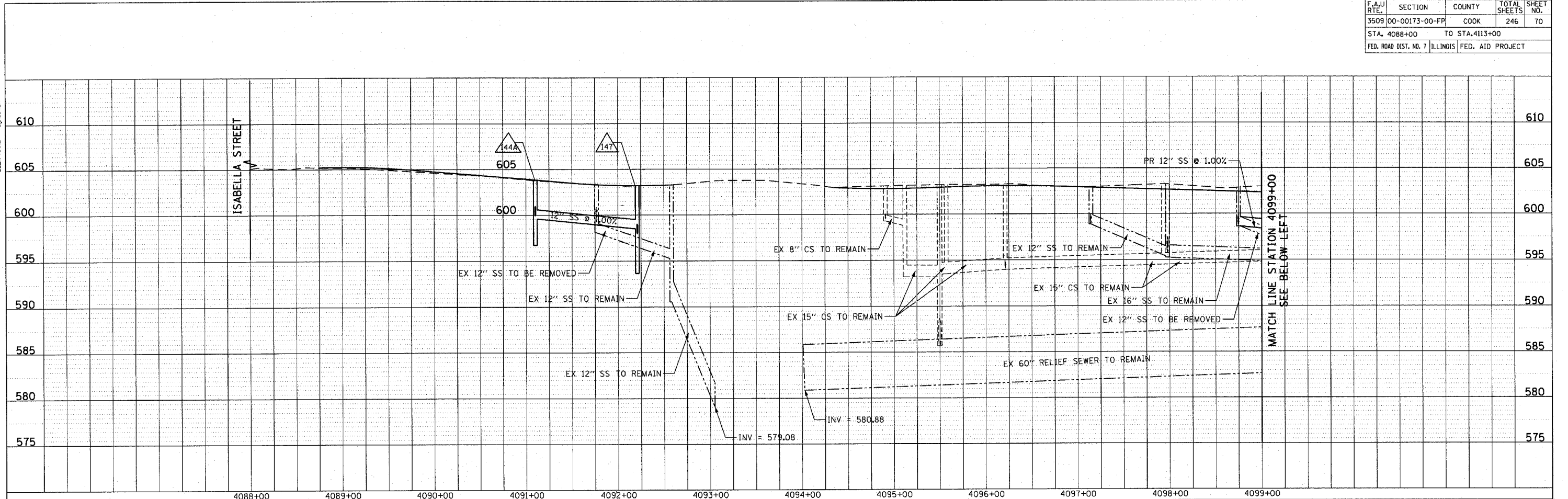
CONTRACT NO. 83964				
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FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

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 PLOTTED  
 CHECKED  
 BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 NOTE BOOK NO. \_\_\_\_\_  
 CAD FILE NAME

PROFILE SURVEYED  
 PLOTTED  
 CHECKED  
 BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 NOTE BOOK NO. \_\_\_\_\_  
 STRUCTURE NOTATIONS CHNG

1091 PERIMETER DRIVE, SUITE 1025  
 SCHAMBERG, ILLINOIS 60173  
 (847) 606-9600



ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DRAINAGE PROFILE**  
 ISABELLA STREET  
 STATION 4088+00 TO STATION 4113+00

DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL

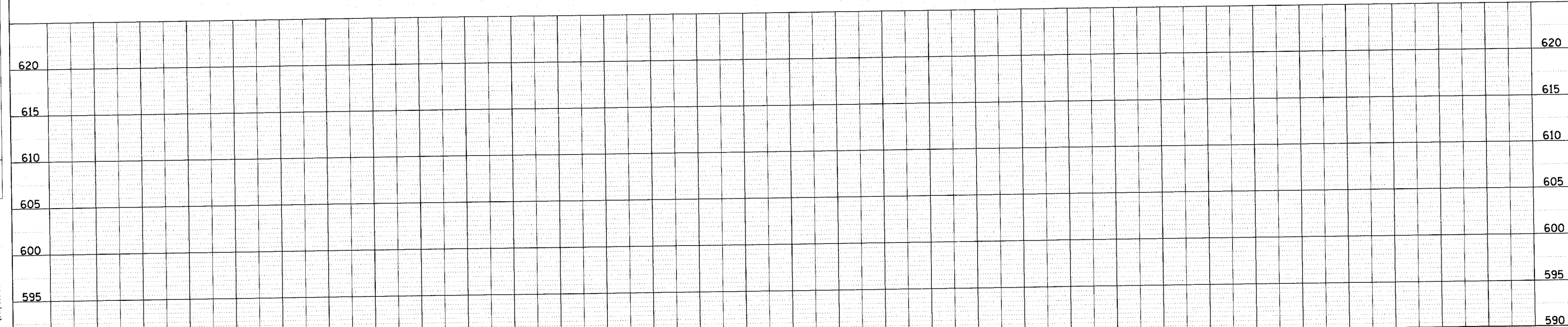
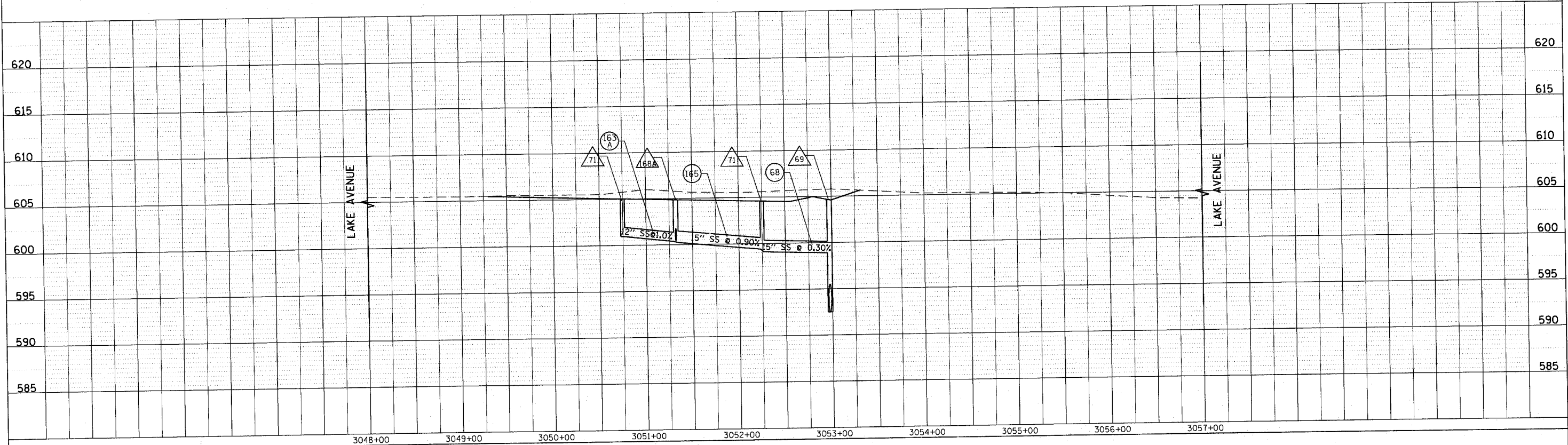
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STA. 3048+00		TO STA. 3057+00		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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PLAN	REVISIONS	DATE
NO.		
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	ALIGNED	
	CHECKED	
	CAD FILE NAME	

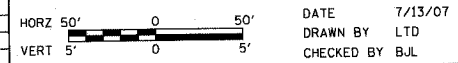
PROFILE	REVISIONS	DATE
NO.		
NOTE BOOK	SURVEYED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	

1051 PERIMETER DRIVE, SUITE 1025  
 SCHAUMBURG, ILLINOIS 60173  
 (847) 606-9800



REVISIONS	
NAME	DATE

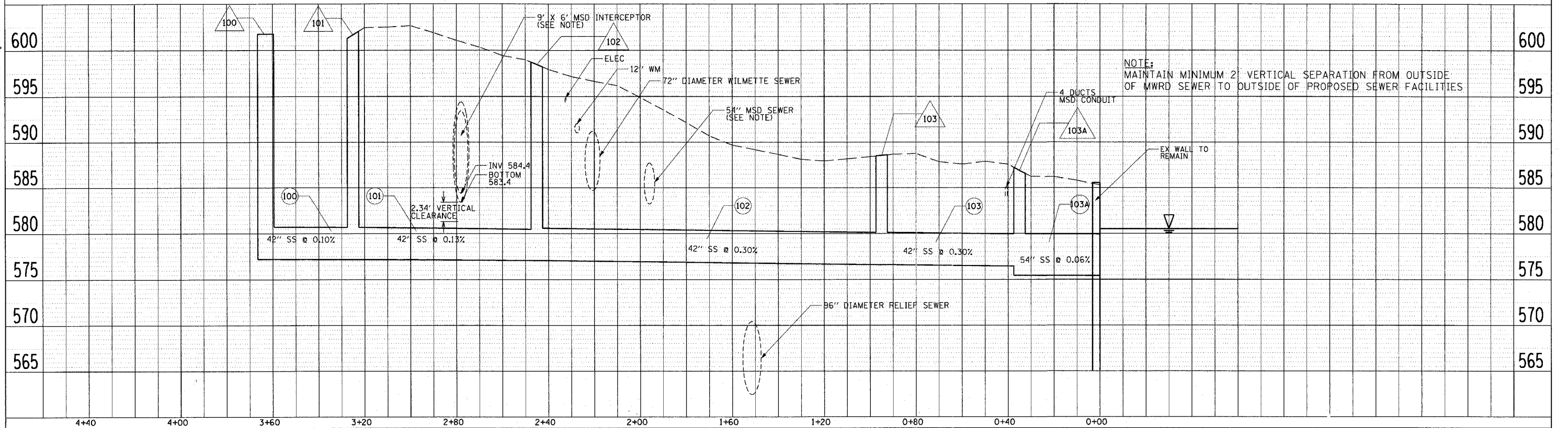
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DRAINAGE PROFILE  
 LAKE AVENUE  
 STATION 3048+00 TO STATION 3057+00



DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL

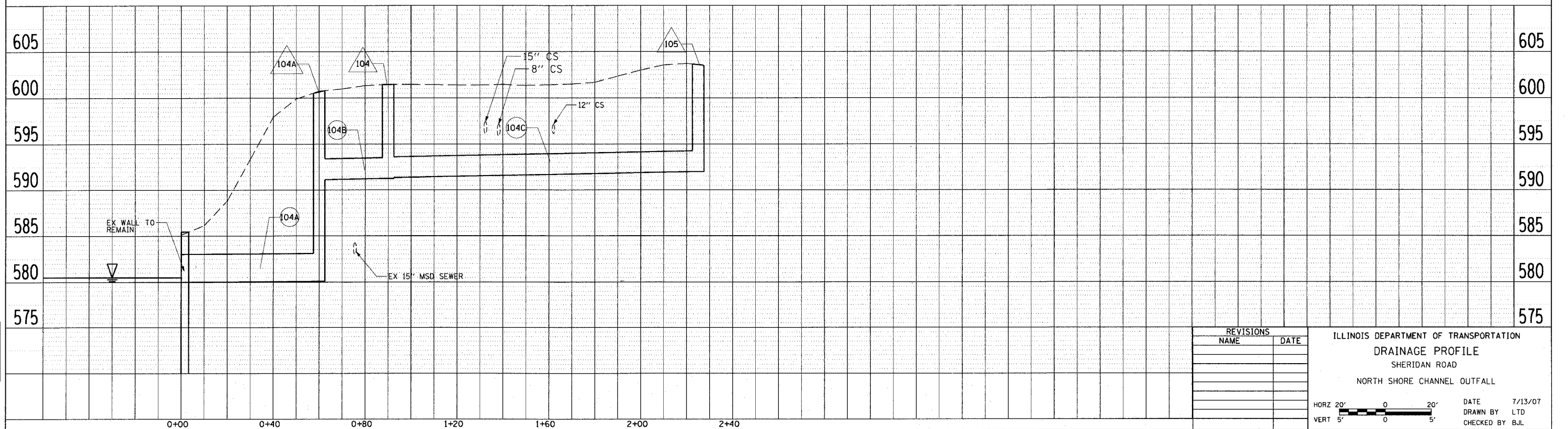
F.A.U. RTEL	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	72
NORTH SHORE CHANNEL OUTFALL				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

STORM SEWER OUTFALL TO NORTH SIDE OF NORTH SHORE CHANNEL



NOTE: MAINTAIN MINIMUM 2' VERTICAL SEPARATION FROM OUTSIDE OF MWRD SEWER TO OUTSIDE OF PROPOSED SEWER FACILITIES

STORM SEWER OUTFALL TO SOUTH SIDE OF NORTH SHORE CHANNEL



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DRAINAGE PROFILE  
 SHERIDAN ROAD  
 NORTH SHORE CHANNEL OUTFALL

HORZ 20' 0 20'  
 VERT 5' 0 5'

DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL

PLAN SURVEYED BY: [Name]  
 ALIGNED AND CHECKED BY: [Name]  
 NOTE BOOK NO. [Number]  
 DATE [Date]

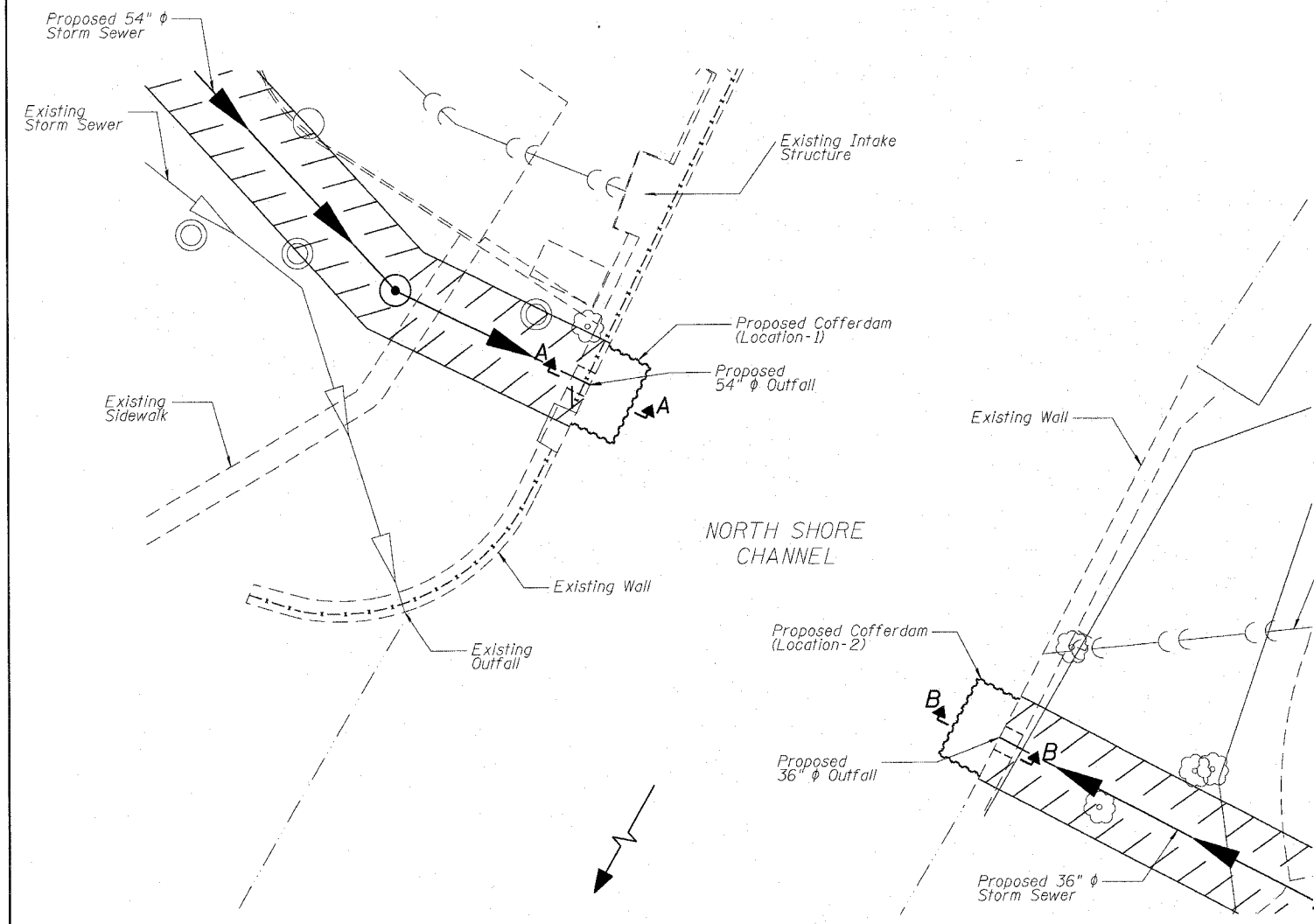
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 NOTE BOOK NO. [Number]  
 DATE [Date]

1051 PERIMETER DRIVE, SUITE 1025  
 SCHAMBERG, ILLINOIS 60173  
 (847) 955-9800

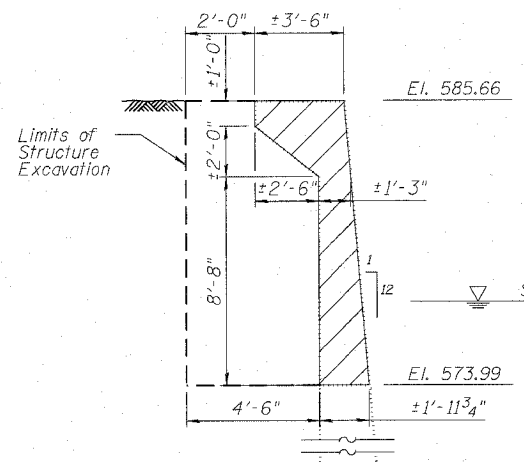




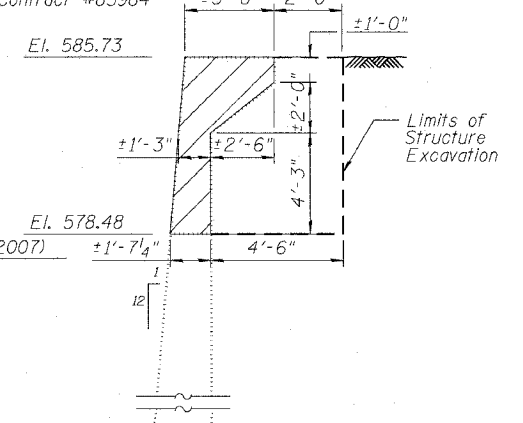
ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET NO. 1
FAP 3509	00-00173-00-FP	COOK	246	73
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
Contract #83964				2 SHEETS



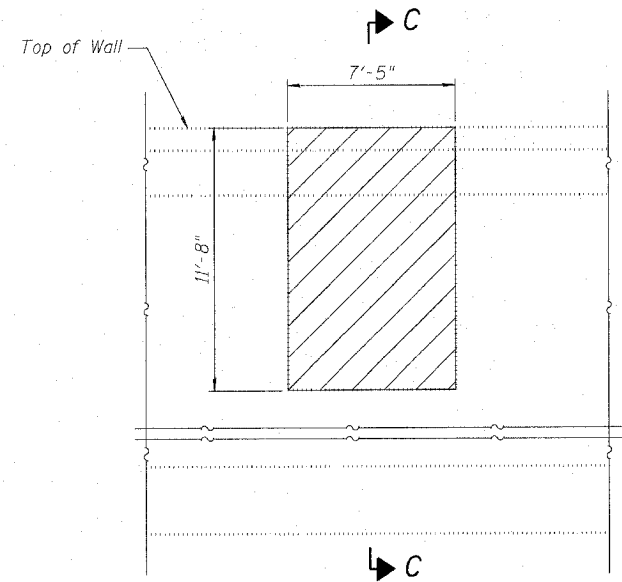
**CHANNEL PLAN**



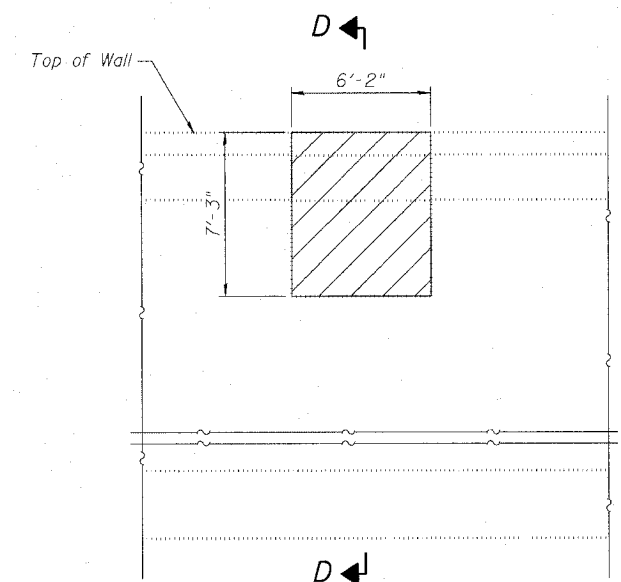
**SECTION C-C**



**SECTION D-D**



**ELEVATION C**  
54"  $\phi$  OUTFALL



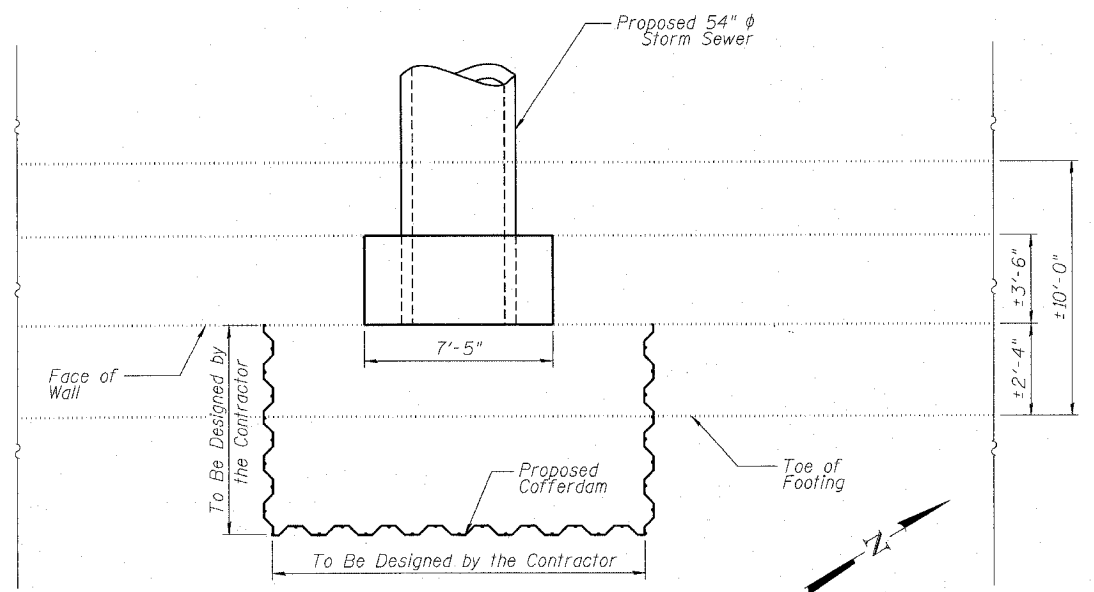
**ELEVATION D**  
36"  $\phi$  OUTFALL

**GENERAL NOTES**

1. Reinforcement bars shall conform to the requirements of ASTM A706 Gr. 60 (Illinois Modified). See Special Provisions.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. Plan dimensions and details relative to existing plans are subject to routine variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of the work, however, the Contractor will be paid for the quantity actually furnished based upon the unit price bid for the work.
4. The Contractor shall saw cut the wall at the removal lines shown to ensure the remaining portion will not be damaged.
5. No debris shall enter the North Shore Channel during construction.
6. A cofferdam design and details, and if necessary a seal coat design, shall be submitted for approval to the Engineer.
7. The cofferdam, and if necessary any seal coat concrete, shall be removed after construction of the outfalls is completed.

Note:  
For Sections A-A and B-B, see Sheet 74.

**LEGEND:**



**COFFERDAM PLAN (LOCATION-1)**  
(LOCATION-2 SIMILAR)

DESIGNED	JRR
CHECKED	SLC
DRAWN	JRJ
CHECKED	SLC

**OUTFALL STRUCTURAL DETAILS I**

SHERIDAN ROAD  
NORTH SHORE CHANNEL OUTFALLS  
F.A.P. ROUTE 3509 SECTION 00-00173-00-FP  
COOK COUNTY

**TranSystems**  
8051 PERIMETER DRIVE, SUITE 1025  
SCHAMBERG, IL 60173-5058  
TEL (847) 605-9600  
FAX (847) 605-9610

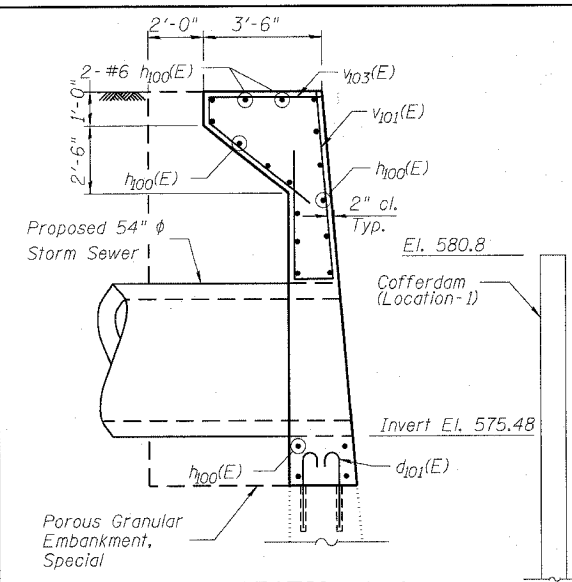
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### BILL OF MATERIAL

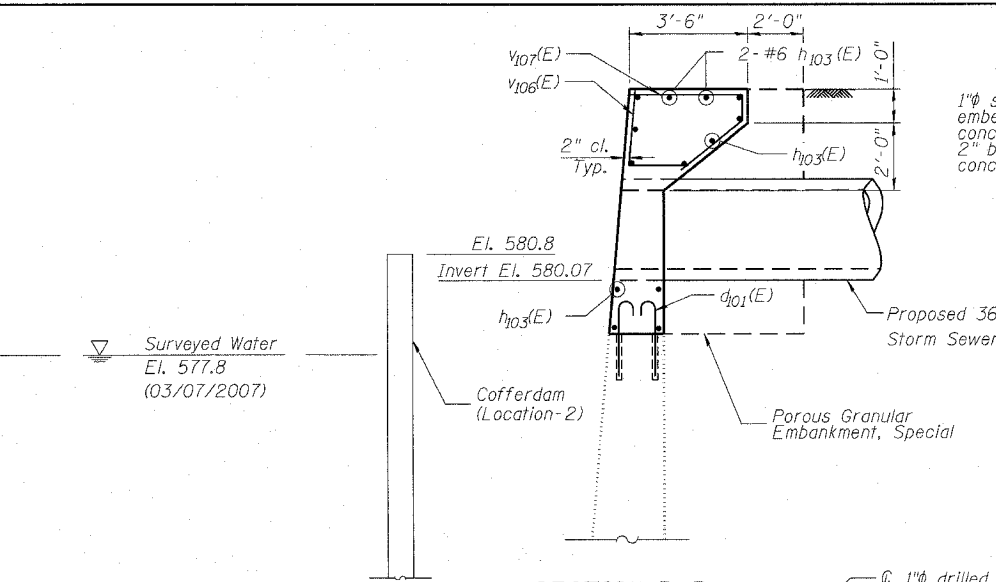
BAR	NO.	SIZE	LENGTH	SHAPE
d100(E)	54	#5	3'-1"	—
d101(E)	60	#5	2'-4"	—
h100(E)	20	#6	7'-1"	—
h101(E)	8	#6	3'-2"	—
h102(E)	8	#6	2'-6"	—
h103(E)	13	#6	5'-10"	—
h104(E)	8	#6	2'-8"	—
v100(E)	4	#6	11'-3"	—
v101(E)	5	#6	10'-2"	—
v102(E)	4	#6	9'-2"	—
v103(E)	9	#6	8'-7"	—
v104(E)	4	#6	6'-9"	—
v105(E)	4	#6	5'-2"	—
v106(E)	4	#6	3'-9"	—
v107(E)	8	#6	7'-4"	—

DESCRIPTION	UNIT	QUANTITY
Porous Granular Embankment, Special	Cu. Yd.	15
Concrete Removal	Cu. Yd.	9.5
Structure Excavation	Cu. Yd.	20
Cofferdam (Location-1)	Each	1
Cofferdam (Location-2)	Each	1
Concrete Structures	Cu. Yd.	7.6
Reinforcement Bars, Epoxy Coated	Pound	1250
Grates, Special	Each	2

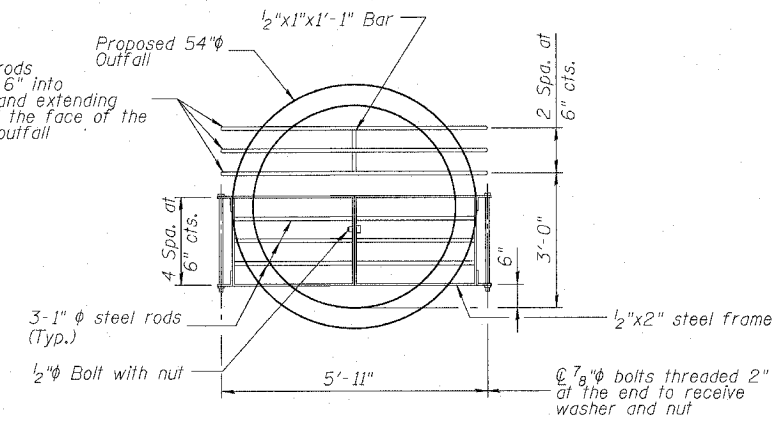


**SECTION A-A**

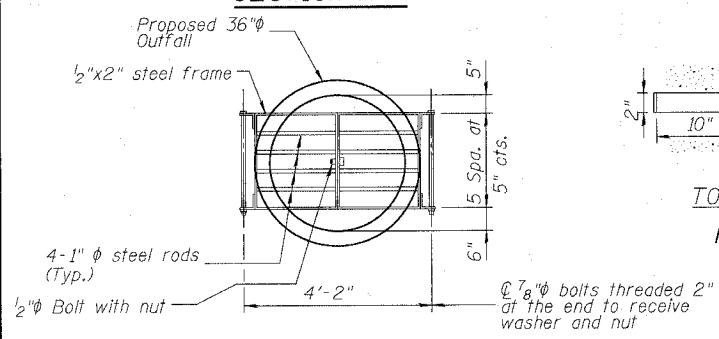


**SECTION B-B**

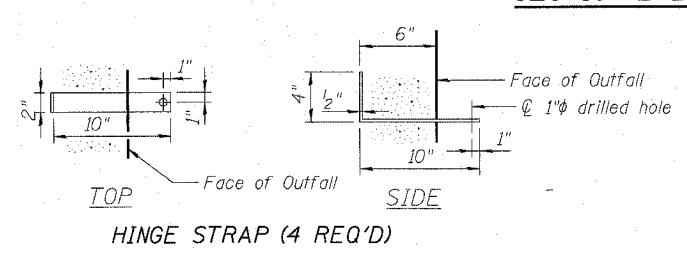
1" steel rods embedded 6" into concrete and extending 2" beyond the face of the concrete outfall



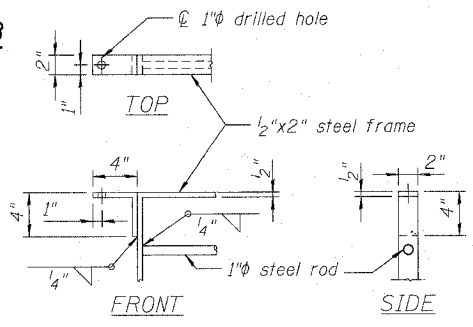
**OUTFALL DEBRIS GRATING TYPE B**



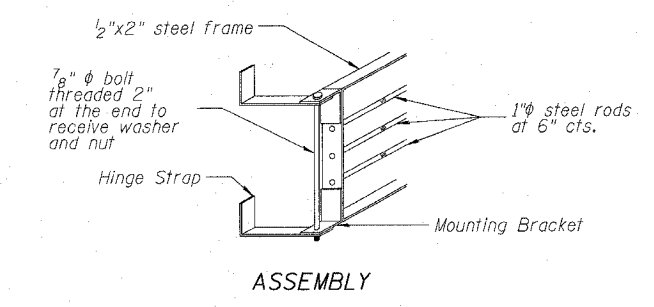
**OUTFALL DEBRIS GRATING TYPE A**



**HINGE STRAP (4 REQ'D)**

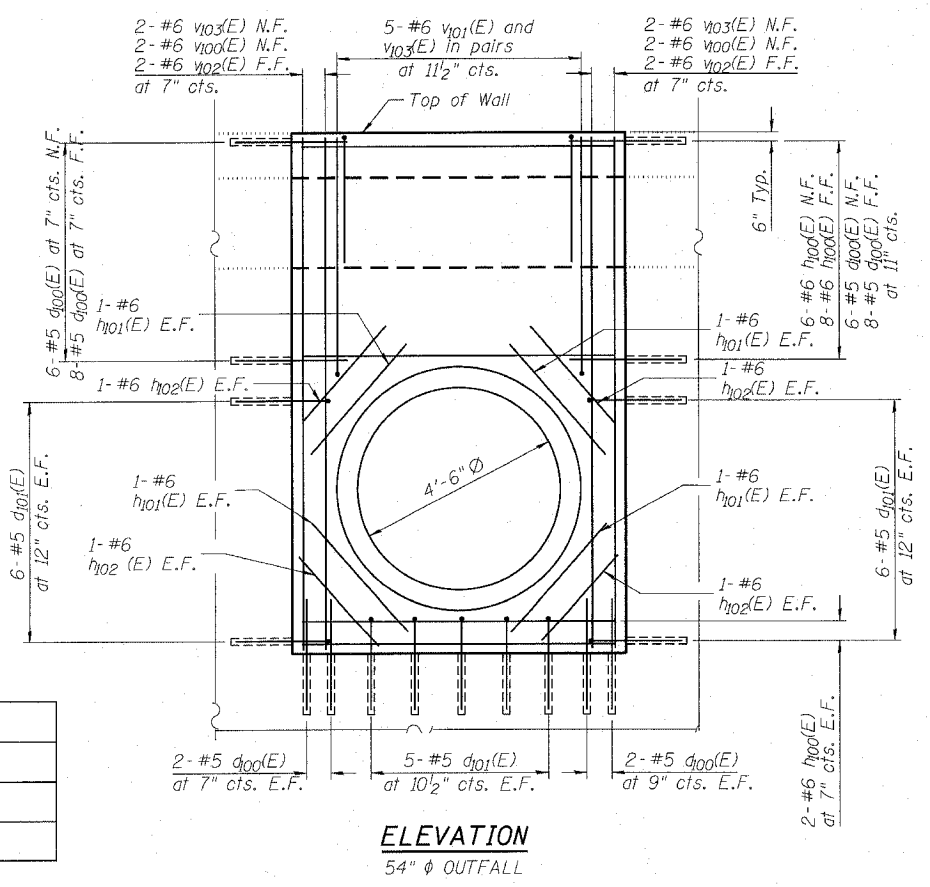


**MOUNTING BRACKET (4 REQ'D)**

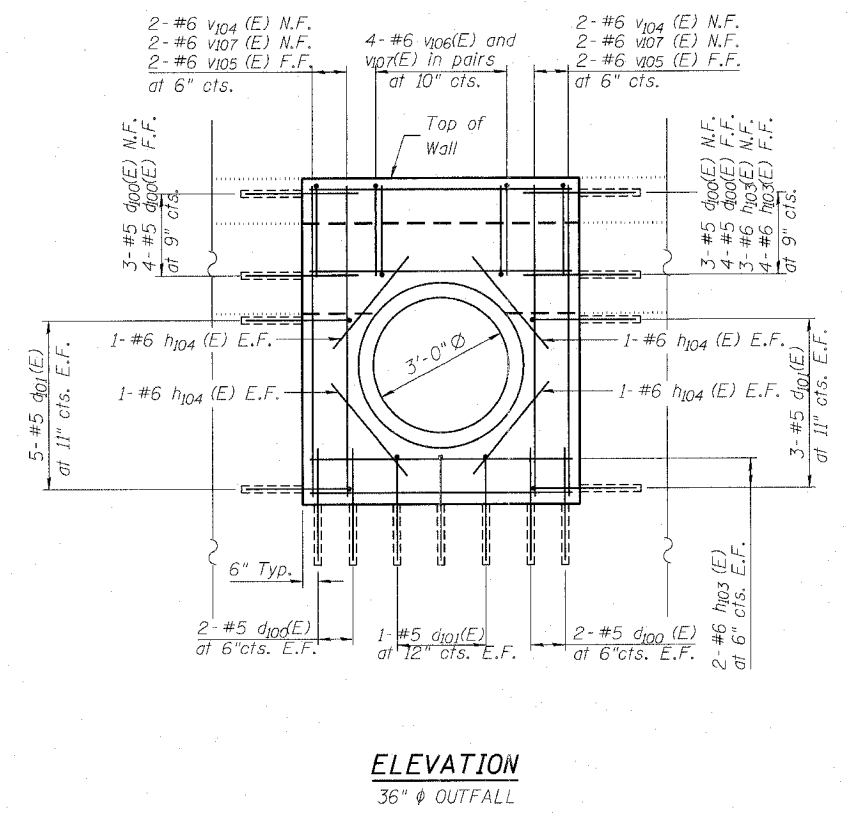


**ASSEMBLY**

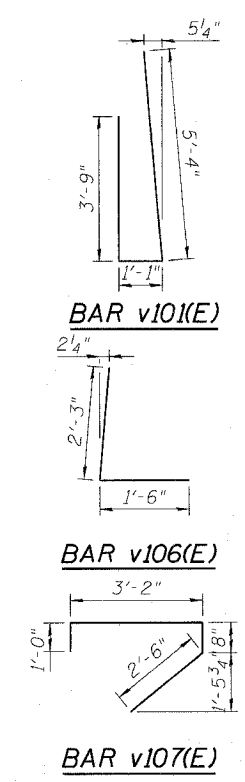
### ASSEMBLY AND HINGE STRAP DETAILS FOR TYPE A & B



**ELEVATION**  
54" Ø OUTFALL



**ELEVATION**  
36" Ø OUTFALL



Notes:  
 1. Bars d100(E) and d101(E) are to be drilled and epoxy grouted according to section 584 of the Standard Specifications. Cost included with Reinforcement Bars, Epoxy Coated. Minimum embedment depth = 9"  
 2. Outfall Debris Grating Type A & B is paid for as Grates, Special.

### OUTFALL STRUCTURAL DETAILS II

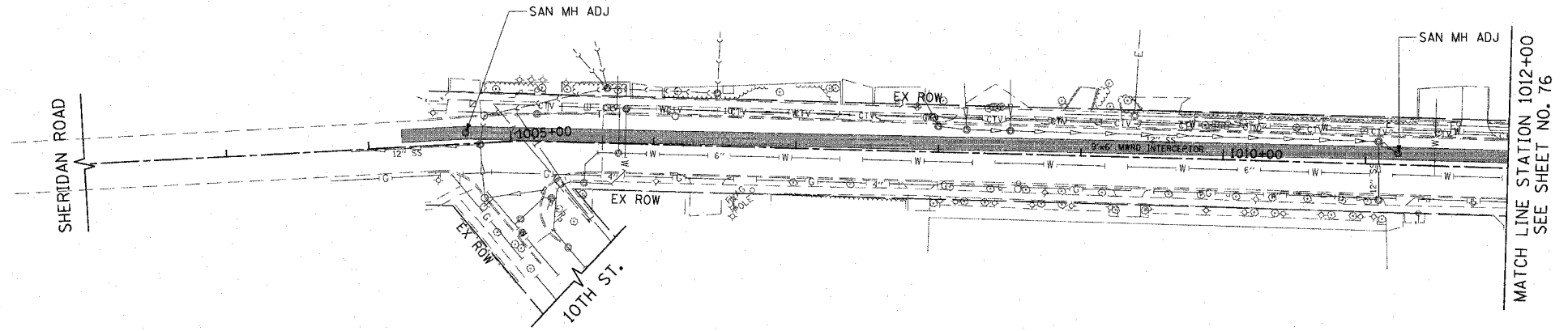
SHERIDAN ROAD  
 NORTH SHORE CHANNEL OUTFALLS  
 F.A.P. ROUTE 3509 SECTION 00-00173-00-FP  
 COOK COUNTY

b:\holman 7/12/2007 10:02:11 AM - g:\c006\0005\Structure\Drawings\Drawings\02.dwg

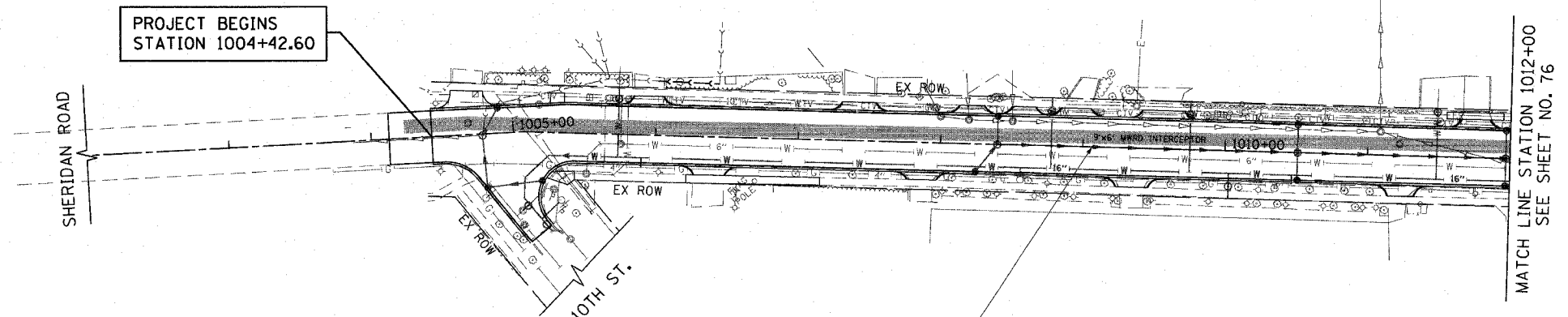
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3509	00-00173-00-FP	COOK	246	75
STA. 1001+50.00		TO STA. 1012+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

NOTES

1. ALL SANITARY SEWER PIPES WITH WATER MAIN REQUIREMENTS ARE TO BE PAID FOR AS "SANITARY SEWER, DUCTILE IRON" OF THE DIAMETER SPECIFIED.
2. ALL CAPPED OR ABANDONED SANITARY SEWER SERVICES ARE DENOTED BY (C). A QUANTITY OF 6' OF "SANITARY SEWER REMOVAL, 6\"
3. ALL EXISTING, IN USE, SANITARY SEWER SERVICES ALONG SHERIDAN ROAD SHALL BE MAINTAINED AND ARE TO BE REMOVED AND REPLACED BEYOND THE BACK OF CURB. SANITARY SERVICE REMOVAL IS TO BE PAID FOR AS "SANITARY SEWER REMOVAL, 6\"
4. EXISTING SANITARY REMOVALS SHOWN ON DRAINAGE AND UTILITY PLAN.



EXISTING



PROPOSED

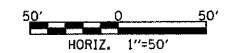
PROJECT BEGINS STATION 1004+42.60

RESILIENT CONNECTORS CONFORMING TO ASTM C-923 SHALL BE USED BETWEEN DRAINAGE AND SANITARY STRUCTURES AND PIPES.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SANITARY SEWER PLAN**  
 SHERIDAN ROAD  
 STATION 1002+00 TO STATION 1012+00

DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL



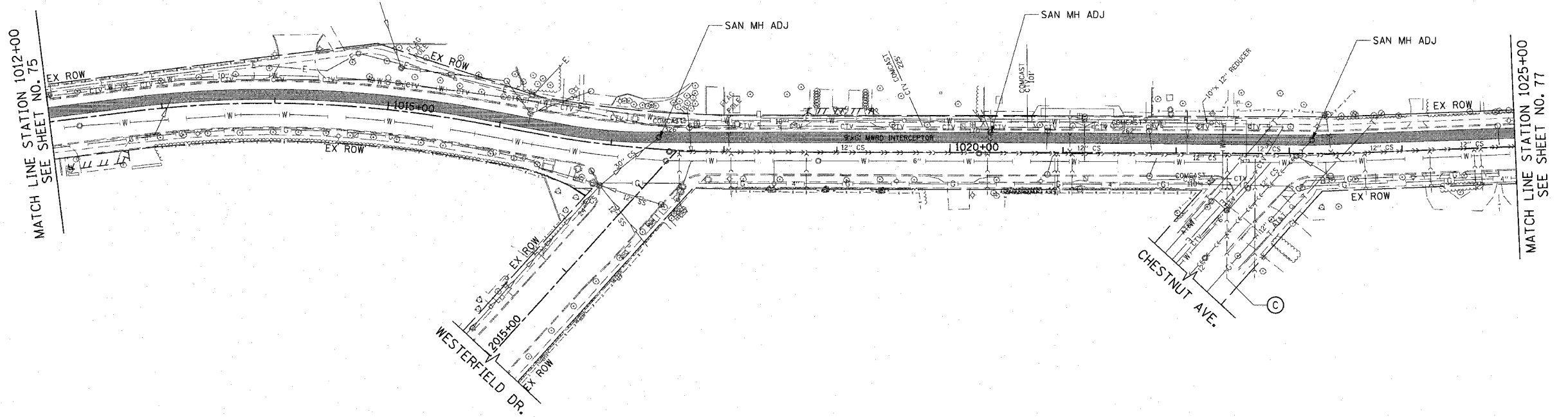
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1051 PERMETER DRIVE, SUITE 1025  
 BOURBONNAIN, ILLINOIS 60113  
 (631) 955-9600

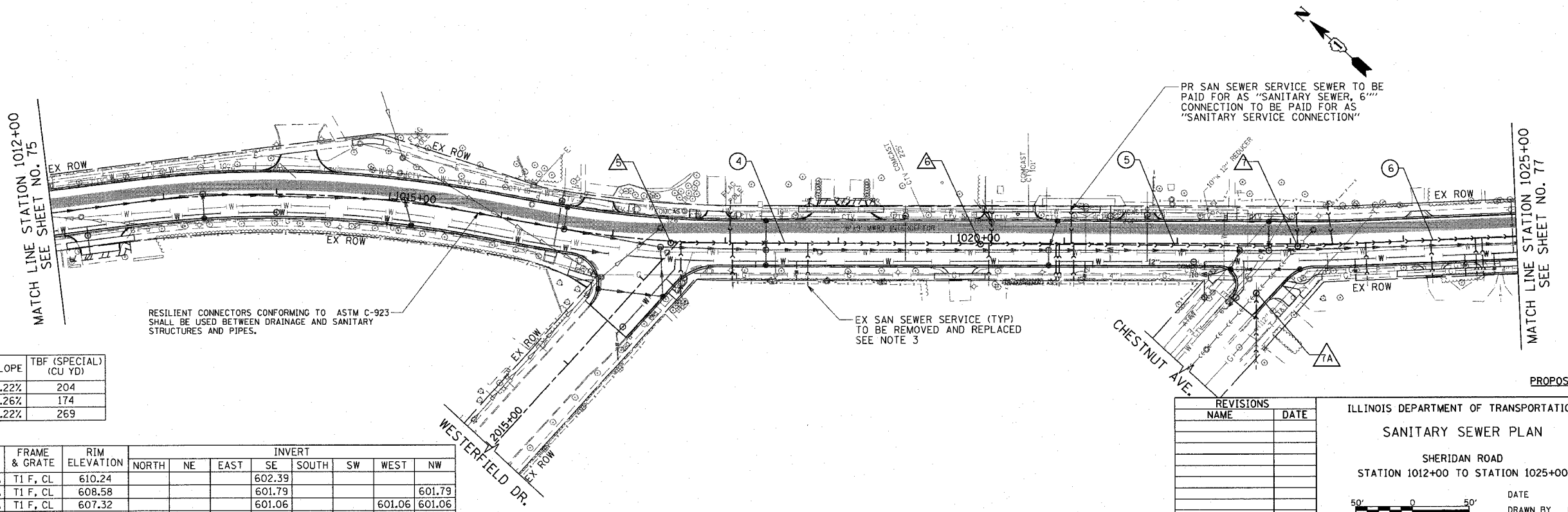


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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EXISTING



PROPOSED

RESILIENT CONNECTORS CONFORMING TO ASTM C-923 SHALL BE USED BETWEEN DRAINAGE AND SANITARY STRUCTURES AND PIPES.

EX SAN SEWER SERVICE (TYP) TO BE REMOVED AND REPLACED SEE NOTE 3

PR SAN SEWER SERVICE SEWER TO BE PAID FOR AS "SANITARY SEWER, 6" CONNECTION TO BE PAID FOR AS "SANITARY SERVICE CONNECTION"

SCHEDULE OF SANITARY SEWER PIPES

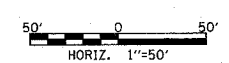
PIPE NUMBER	ITEM	CLASS	SIZE	LENGTH (FT)	SLOPE	TBF (SPECIAL) (CU YD)
4	SANS	B	12"	270.0	0.22%	204
5	SANS	WM REQMTS	12"	276.7	0.26%	174
6	SANS	B	12"	352.5	0.22%	269

SCHEDULE OF SANITARY SEWER STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET (FT)	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT									
						NORTH	NE	EAST	SE	SOUTH	SW	WEST	NW		
5	1017+51.8	1.5'	RT	SAN MH TA 4' DIA	T1 F, CL	610.24				602.39					
6	1020+25.8	0.8'	RT	SAN MH TA 4' DIA	T1 F, CL	608.58				601.79				601.79	
7	1023+06.4	2.1'	RT	SAN MH TA 4' DIA	T1 F, CL	607.32				601.06			601.06	601.06	
7A	1022+69.8	43.4'	RT	SAN MH TA 4' DIA	T1 F, CL	607.46								601.00	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SANITARY SEWER PLAN**  
 SHERIDAN ROAD  
 STATION 1012+00 TO STATION 1025+00



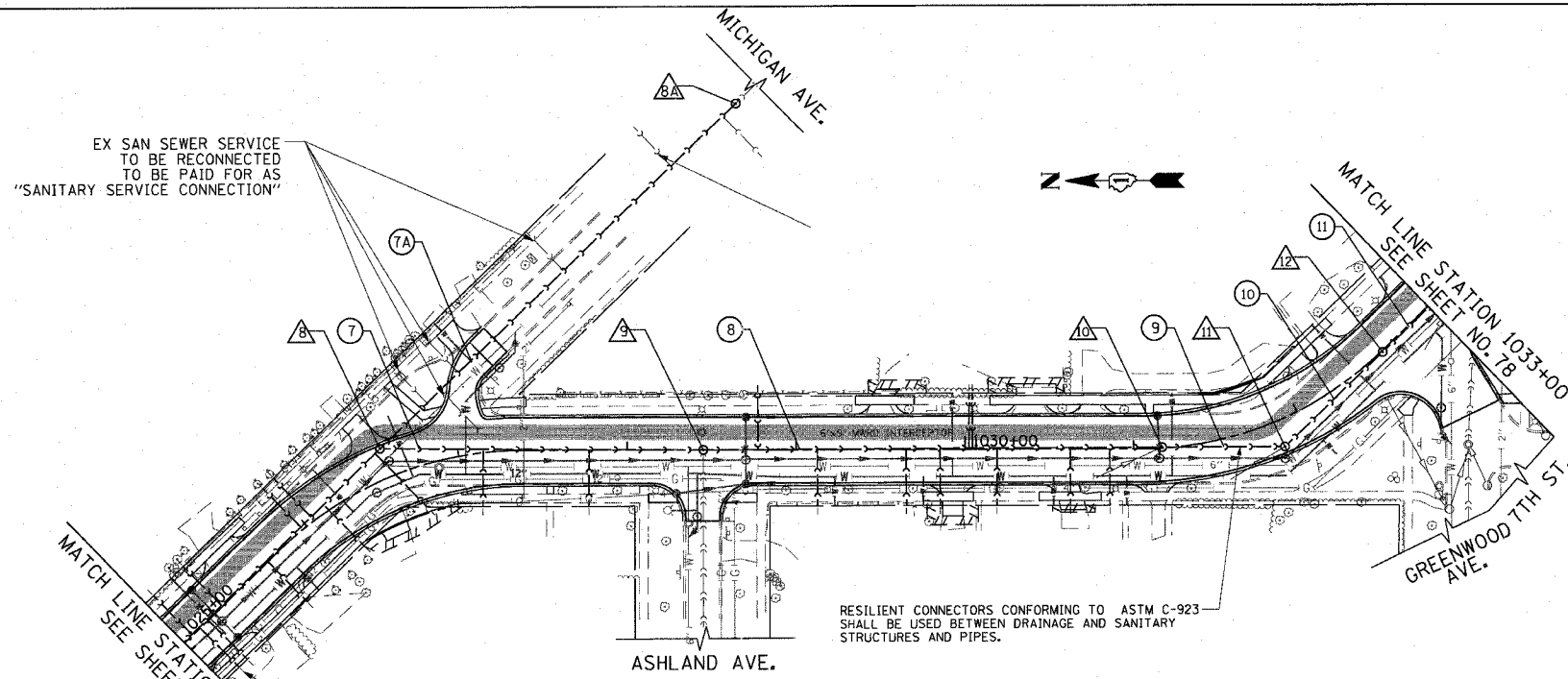
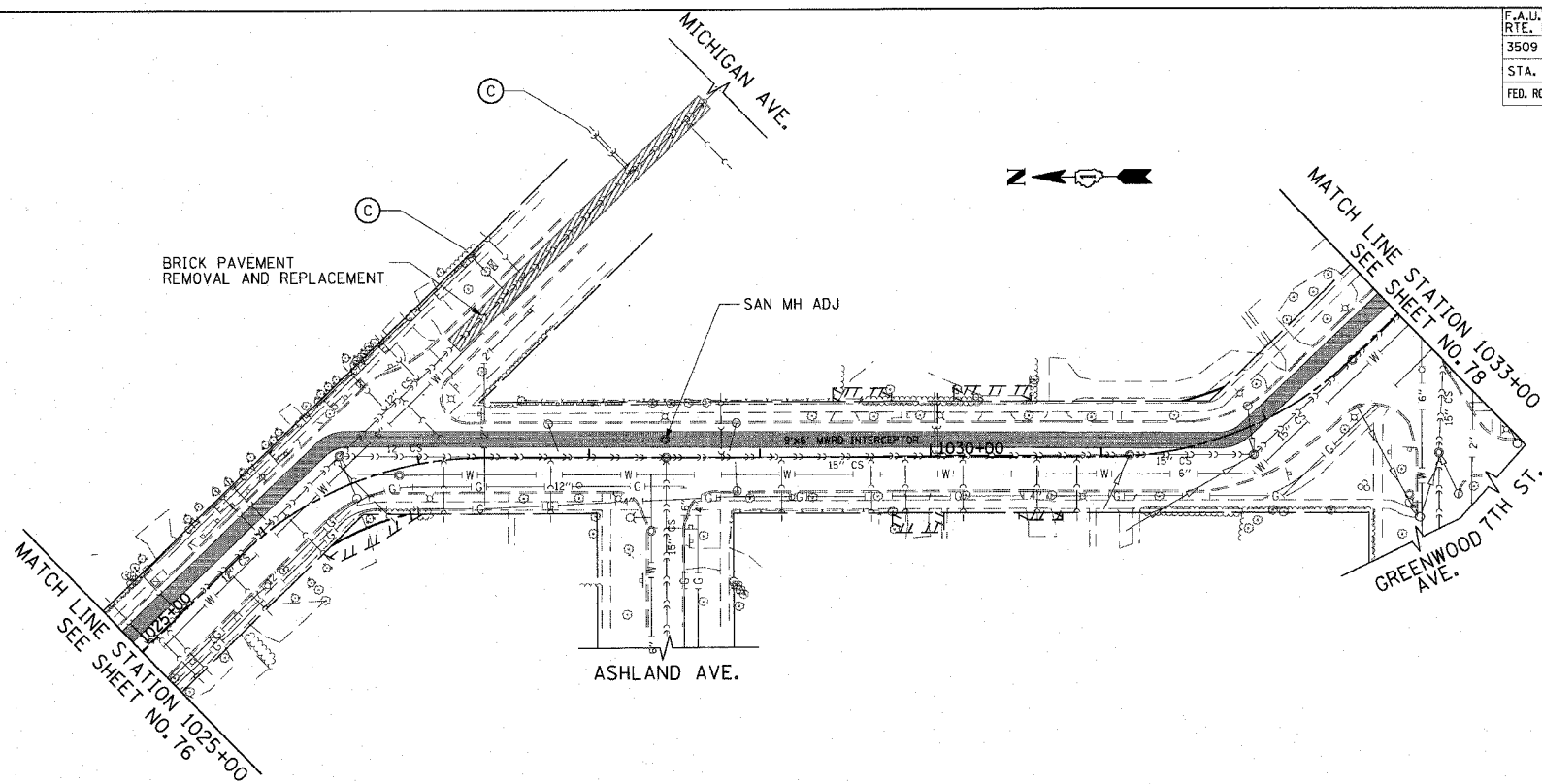
DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL

1051 PERIMETER DRIVE, SUITE 1025  
 BOSTON, ILLINOIS 60013  
 (847) 955-9600



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	77
STA. 1025+00		TO STA. 1033+00		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

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 USER NAME = bjohnson



SCHEDULE OF SANITARY SEWER PIPES

PIPE NUMBER	ITEM	CLASS	SIZE	LENGTH (FT)	SLOPE	TBF (SPECIAL) (CU YD)
7	SANS	B	12"	187.1	0.22%	263
7A	SANS	B	12"	293.0	0.22%	250
8	SANS	B	15"	266.7	0.15%	413
9	SANS	B	15"	67.0	0.33%	114
10	SANS	B	15"	75.5	0.33%	135
11	SANS	B	15"	73.2	0.31%	134

SCHEDULE OF SANITARY SEWER STRUCTURES

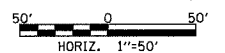
STRUCTURE NUMBER	STATION	OFFSET (FT)	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT							
						NORTH	NE	EAST	SE	SOUTH	SW	WEST	NW
8	1026+58.2	17.7' LT	DROP MH, 4' DIA	T1 F, CL	608.75				600.51	597.30			600.28
8A	1026+97.3	40.8' LT	SAN MH TA 4' DIA	T1 F, CL	607.50				599.87				599.87
9	1028+45.0	0.1' LT	SAN MH TA 4' DIA	T1 F, CL	608.19	596.89				596.87		596.87	
10	1031+16.8	0.6' LT	SAN MH TA 4' DIA	T1 F, CL	608.83	596.47				596.47			597.17
11	1031+85.5	15.9' RT	SAN MH TA 4' DIA	T1 F, CL	609.37	596.25			596.25				
12	1032+62.0	0.8' RT	SAN MH TA 4' DIA	T1 F, CL	609.29				596.00				596.00

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SANITARY SEWER PLAN

SHERIDAN ROAD  
STATION 1025+00 TO STATION 1033+00



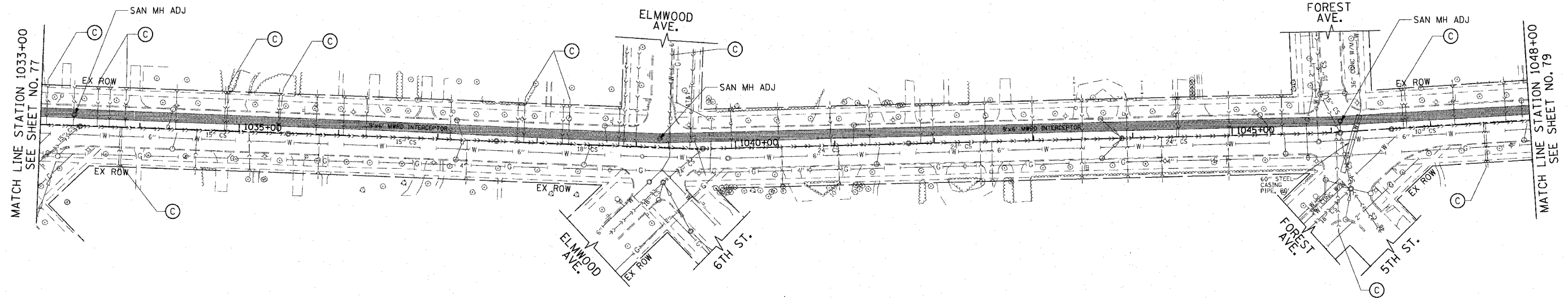
DATE 7/13/07  
DRAWN BY LTD  
CHECKED BY BJL

1051 PERMETER DRIVE SUITE 1025  
 CHICAGO, ILLINOIS 60617  
 (847) 965-8800

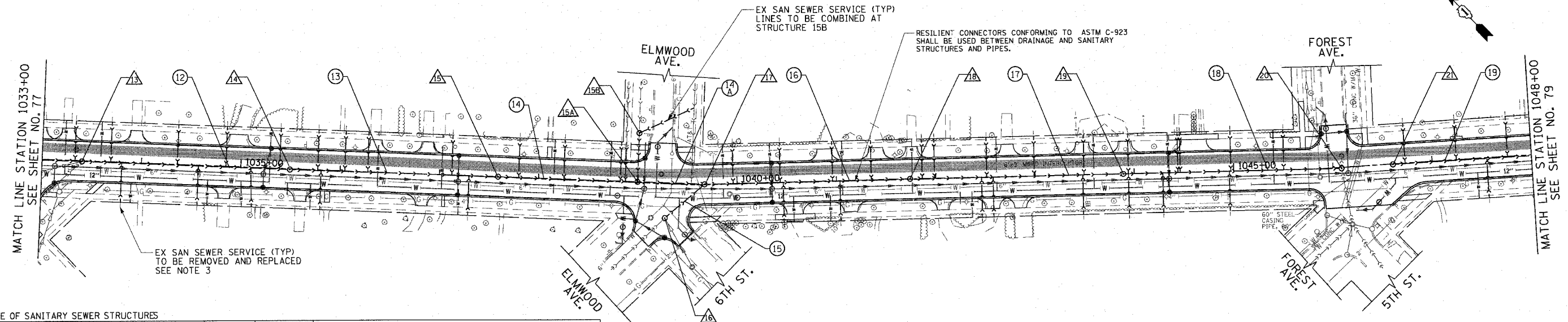


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	78
STA. 1033+00		TO STA.1048+00		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

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 USER NAME = b.julian



EXISTING



PROPOSED

SCHEDULE OF SANITARY SEWER STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET (FT)	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT								
						NORTH	NE	EAST	SE	SOUTH	SW	WEST	NW	
13	1033+40.2	0.6'	RT	DROP MH, 4' DIA	T1 F, CL	609.38				595.77		595.82	595.77	
14	1035+49.5	0.6'	RT	SAN MH TA 4' DIA	T1 F, CL	608.79				595.26			595.26	
15	1037+59.1	0.4'	LT	SAN MH TA 4' DIA	T1 F, CL	608.16				594.70			594.73	
15A	1038+99.6	0.7'	LT	SAN MH TA 4' DIA	T1 F, CL	607.73								
15B	1038+99.7	49.2'	LT	SAN MH TA 4' DIA	T1 F, CL	CALC								
16	1039+28.5	34.8'	RT	DROP MH, 5' DIA	T1 F, CL	607.61				595.03		602.03	599.93	595.03
16A	NOT	USED												
17	1039+67.2	0.3'	LT	SAN MH TA 7' DIA	T1 F, CL	607.53				594.03			594.63	594.03
18	1041+74.3	0.5'	LT	SAN MH TA 5' DIA	T1 F, CL	607.74				593.22				593.25
19	1043+89.0	0.1'	RT	SAN MH TA 5' DIA	T1 F, CL	607.65				592.44				592.44
20	1046+08.7	0.9'	RT	DROP MH, 5' DIA	T1 F, CL	606.98		588.09				599.19		588.43
21	1046+60.5	0.4'	RT	SAN MH TA 4' DIA	T1 F, CL	606.83				599.08				

SCHEDULE OF SANITARY SEWER PIPES

PIPE NUMBER	ITEM	CLASS	SIZE	LENGTH (FT)	SLOPE	TBF (SPECIAL) (CU YD)
12	SANS	B	15"	204.3	0.25%	377
13	SANS	B	15"	204.7	0.26%	375
14	SANS	B	18"	138.0	0.33%	264
14A	SANS	B	18"	65.0	0.29%	125
15	SANS	B	24"	47.6	0.84%	91
16	SANS	B	24"	202.1	0.39%	437
17	SANS	B	24"	209.8	0.37%	490
18	SANS	B	24"	214.7	1.87%	590
19	SANS	B	10"	219.2	0.53%	185

REVISIONS

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SANITARY SEWER PLAN**  
 SHERIDAN ROAD  
 STATION 1033+00 TO STATION 1048+00

DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL

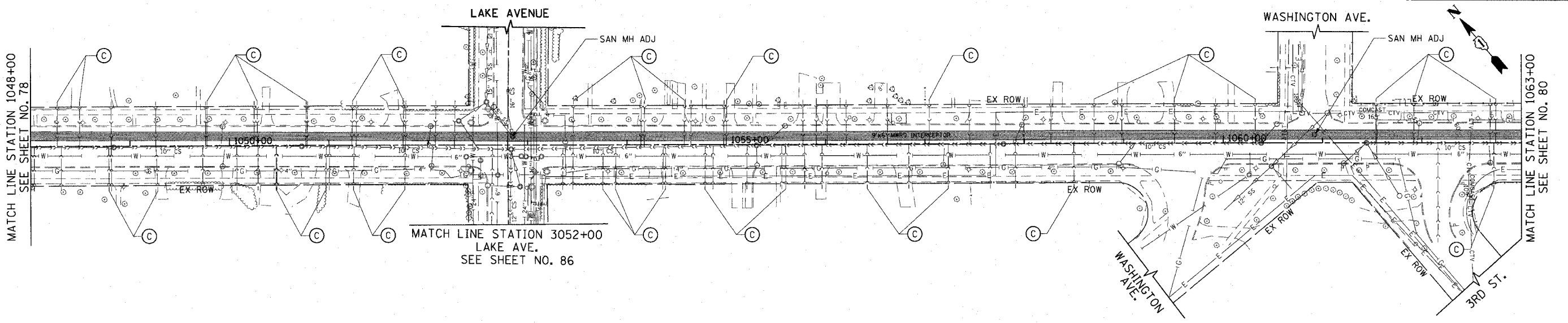
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 HORIZ. 1"=50'

1051 PERIMETER DRIVE, SUITE 1025  
 BOSTON, ILLINOIS 60113  
 (847) 865-8600

**Tran Systems**

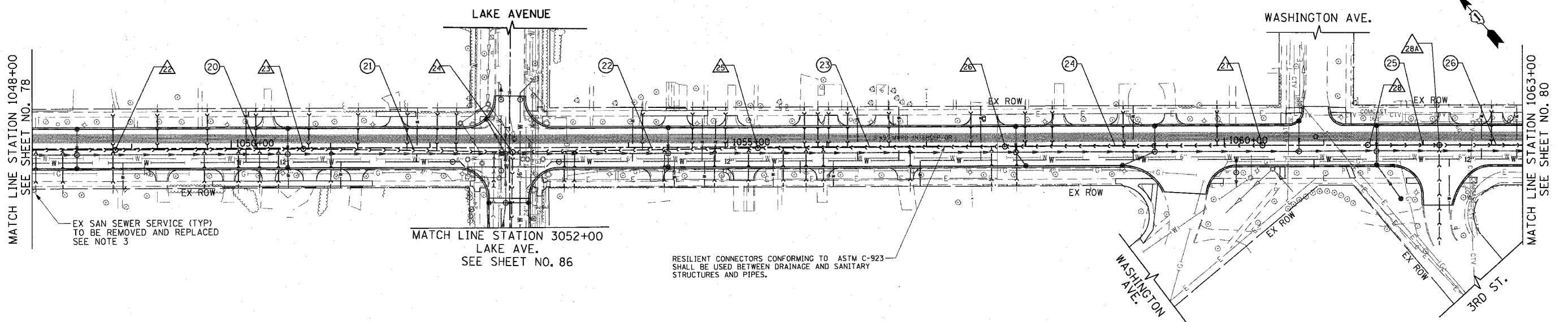
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	79
STA. 1048+00		TO STA. 1036+00		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

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 USER NAME = bjohnson



EXISTING

1051 PERIMETER DRIVE, SUITE 1025  
 BOSTON, ILLINOIS 60013  
 (847) 955-6986



PROPOSED

SCHEDULE OF SANITARY SEWER STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET (FT)	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT							
						NORTH	NE	EAST	SE	SOUTH	SW	WEST	NW
22	1048+83.7	1.1' RT	SAN MH TA 4' DIA	T1 F, CL	606.15				597.92				597.92
23	1050+72.7	0.9' RT	SAN MH TA 4' DIA	T1 F, CL	605.58				596.84				596.84
24	1052+83.4	4.4' RT	DROP MH, 4' DIA	T1 F, CL	604.88			599.21	595.43		595.43		595.43
25	1055+30.4	0.9' RT	SAN MH TA 4' DIA	T1 F, CL	604.74				595.96				595.96
26	1057+78.9	0.4' RT	SAN MH TA 4' DIA	T1 F, CL	604.20				596.50				596.50
27	1060+38.2	0.1' RT	SAN MH TA 4' DIA	T1 F, CL	603.43								597.06
28	1061+44.2	0.0' RT	SAN MH TA 4' DIA	T1 F, CL	603.11				596.56		597.36		
28A	1062+16.1	0.1' RT	SAN MH TA 4' DIA	T1 F, CL	602.89							596.40	596.15

SCHEDULE OF SANITARY SEWER PIPES

PIPE NUMBER	ITEM	CLASS	SIZE	LENGTH (FT)	SLOPE	TBF (SPECIAL) (CU YD)
20	SANS	B	10"	185.0	0.58%	170
21	SANS	WM REQMTS	10"	206.8	0.68%	210
22	SANS	WM REQMTS	10"	243.0	0.22%	247
23	SANS	B	10"	244.5	0.22%	216
24	SANS	B	10"	255.3	0.22%	178
25	NOT USED					
26	SANS	B	10"	188.3	0.22%	117

REVISIONS	
NAME	DATE

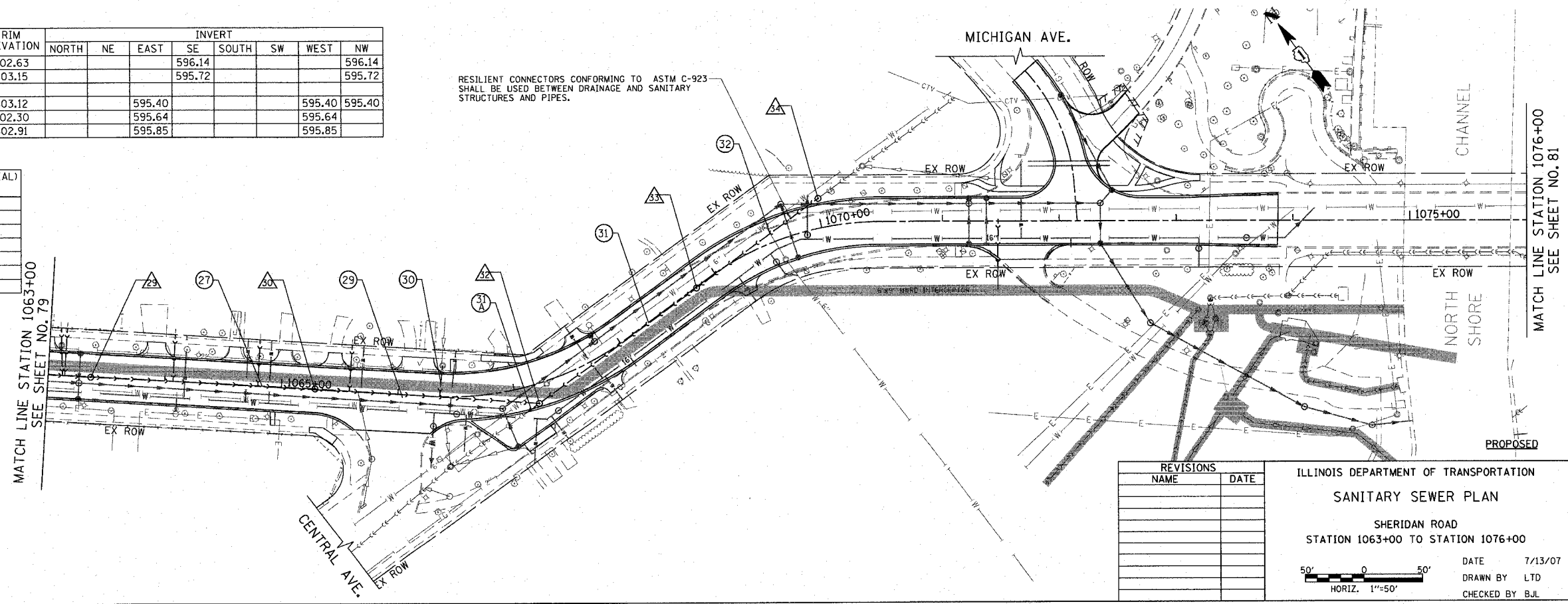
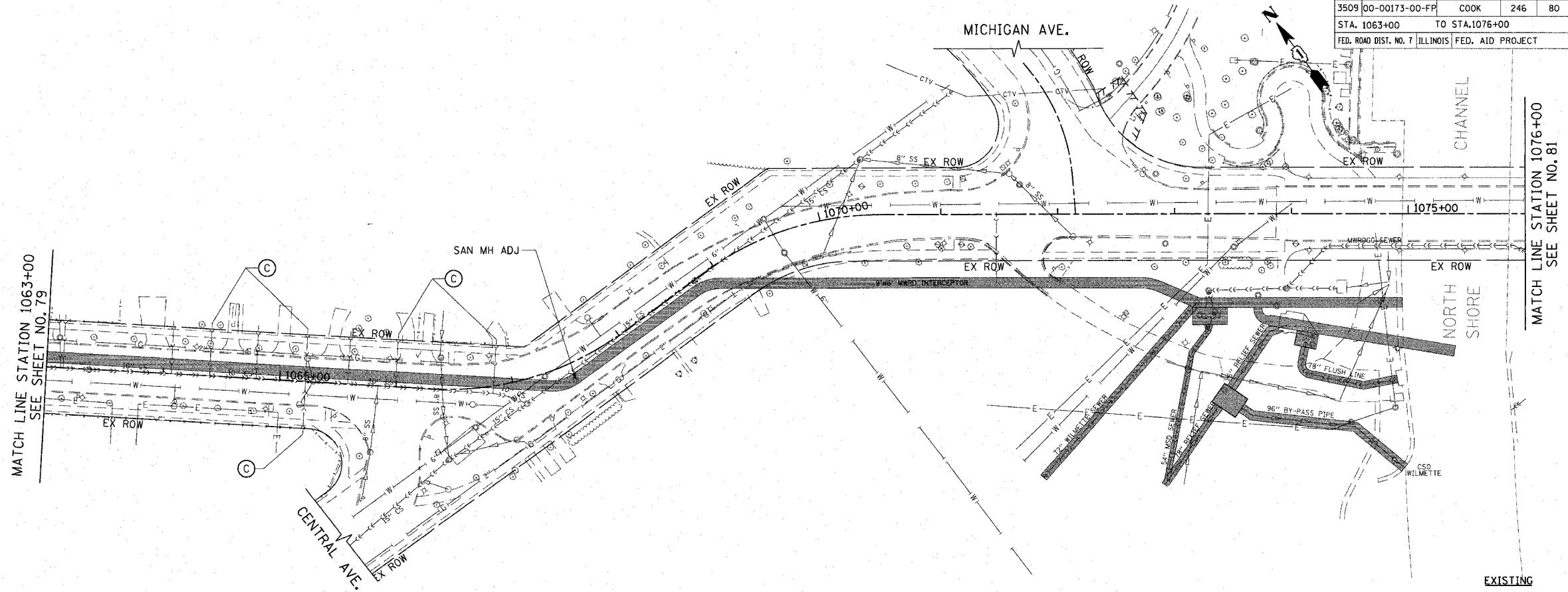
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SANITARY SEWER PLAN**  
 SHERIDAN ROAD  
 STATION 1048+00 TO STATION 1063+00

DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL

50' 0 50'  
 HORIZ. 1"=50'



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	80
STA. 1063+00		TO STA. 1076+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



SCHEDULE OF SANITARY SEWER STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET (FT)	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT								
						NORTH	NE	EAST	SE	SOUTH	SW	WEST	NW	
29	1063+36.5	0.4' RT	SAN MH TA 4' DIA	T1 F, CL	602.63				596.14					596.14
30	1065+28.8	0.7' LT	SAN MH TA 4' DIA	T1 F, CL	603.15				595.72					595.72
31			NOT USED											
32	1067+17.5	16.6' RT	SAN MH TA 6' DIA	T1 F, CL	603.12			595.40				595.40	595.40	
33	1068+80.2	0.8' RT	SAN MH TA 4' DIA	T1 F, CL	602.30			595.64				595.64		
34	1070+01.9	25.2' LT	SAN MH TA 4' DIA	T1 F, CL	602.91			595.85				595.85		

SCHEDULE OF SANITARY SEWER PIPES

PIPE NUMBER	ITEM	CLASS	SIZE	LENGTH (FT)	SLOPE	TBF (SPECIAL) (CU YD)
27	SANS	B	10"	188.3	0.22%	129
28	NOT USED					
29	SANS	WM REQMTS	10"	193.0	0.17%	151
30	SANS	B	8"	27.0	7.56%	16
31	SANS	WM REQMTS	15"	161.6	0.15%	122
31A	SANS	B	15"	11.5	0.87%	4
32	SANS	WM REQMTS	15"	124.9	0.17%	87

RESILIENT CONNECTORS CONFORMING TO ASTM C-923 SHALL BE USED BETWEEN DRAINAGE AND SANITARY STRUCTURES AND PIPES.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SANITARY SEWER PLAN**  
 SHERIDAN ROAD  
 STATION 1063+00 TO STATION 1076+00

DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL

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 USER NAME = bjohnson

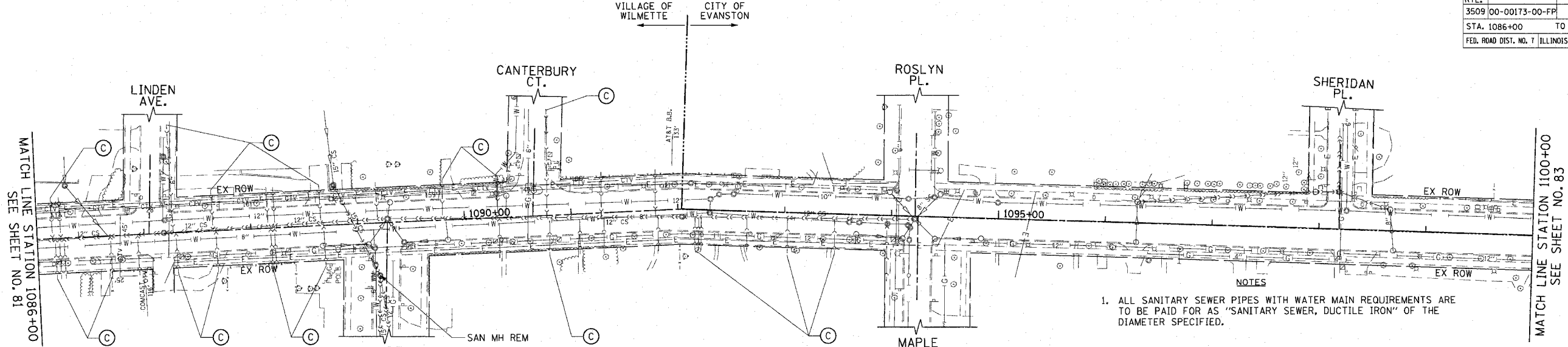
1051 PERIMETER DRIVE, SUITE 1025  
 CHICAGO, ILLINOIS 60617  
 (847) 866-8800





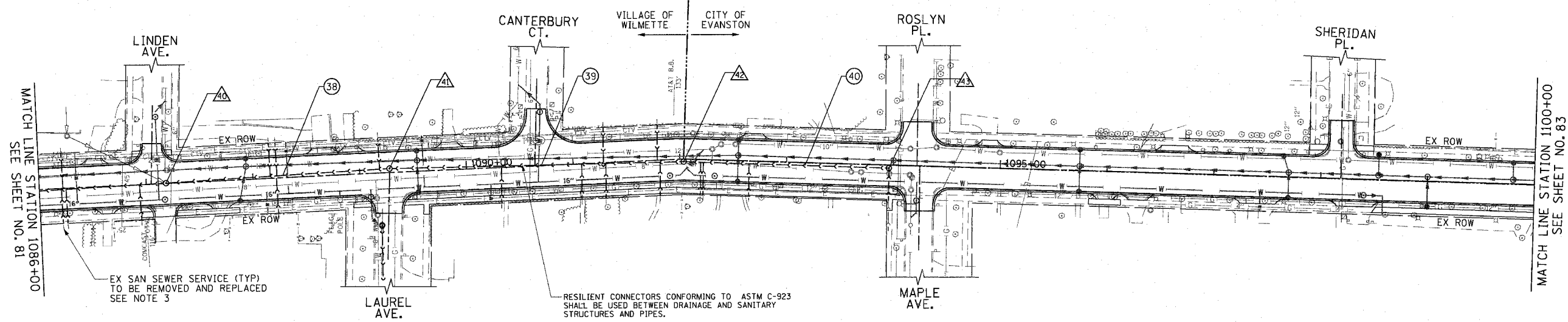


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	82
STA. 1086+00		TO STA. 1100+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



- NOTES**
1. ALL SANITARY SEWER PIPES WITH WATER MAIN REQUIREMENTS ARE TO BE PAID FOR AS "SANITARY SEWER, DUCTILE IRON" OF THE DIAMETER SPECIFIED.
  2. ALL CAPPED OR ABANDONED SANITARY SEWER SERVICES ARE DENOTED BY (C). A QUANTITY OF 6' OF "SANITARY SEWER REMOVAL, 6\"
  3. ALL EXISTING, IN USE, SANITARY SEWER SERVICES ALONG SHERIDAN ROAD SHALL BE MAINTAINED AND ARE TO BE REMOVED AND REPLACED BEYOND THE BACK OF CURB. SANITARY SERVICE REMOVAL IS TO BE PAID FOR AS "SANITARY SEWER REMOVAL, 6\"
  4. EXISTING SANITARY REMOVALS SHOWN ON DRAINAGE AND UTILITY PLAN.

EXISTING



EX SAN SEWER SERVICE (TYP) TO BE REMOVED AND REPLACED SEE NOTE 3

RESILIENT CONNECTORS CONFORMING TO ASTM C-923 SHALL BE USED BETWEEN DRAINAGE AND SANITARY STRUCTURES AND PIPES.

PROPOSED

SCHEDULE OF SANITARY SEWER STRUCTURES

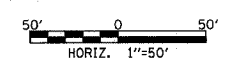
STRUCTURE NUMBER	STATION	OFFSET (FT)	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT						
						NORTH	NE	EAST	SE			
40	1087+18.6	0.3' LT	SAN MH TA 4' DIA	T1 F, CL	615.63	607.01			607.01			
41	1089+28.0	3.7' LT	SAN MH TA 4' DIA	T1 F, CL	616.68	607.57			607.57			
42	1092+03.6	2.5' RT	SAN MH TA 4' DIA	T1 F, CL	616.72	608.13			608.18			
43	1093+96.0	2.9' RT	SAN MH TA 4' DIA	T1 F, CL	616.99	609.35			609.35			
44	1097+00.0	2.9' RT	SAN MH TA 4' DIA	T1 F, CL	617.21	610.24						
45			NOT	USED								

SCHEDULE OF SANITARY SEWER PIPES

PIPE NUMBER	ITEM	CLASS	SIZE	LENGTH (FT)	SLOPE	TBF (SPECIAL) (CU YD)
38	SANS	B	12"	205.5	0.27%	206
39	SANS	WM REQMTS	12"	271.5	0.21%	272
40	SANS	WM REQMTS	12"	189.0	0.62%	166
41	NOT	USED				
42	NOT	USED				

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SANITARY SEWER PLAN**  
 SHERIDAN ROAD  
 STATION 1086+00 TO STATION 1100+00



DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL

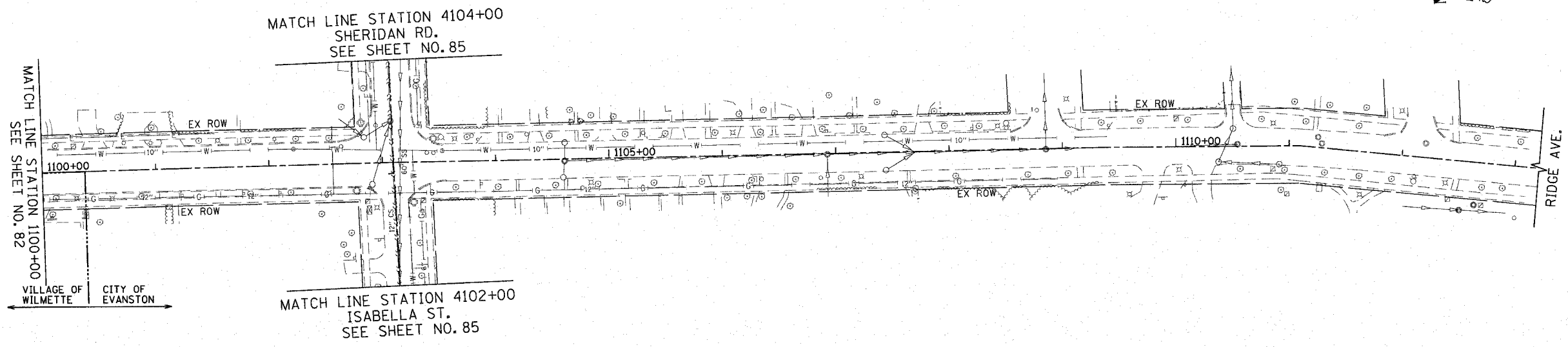
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 USER NAME = bjozson

1051 PERIMETER DRIVE, SUITE 1025  
 BLOOMINGHON, ILLINOIS 60173  
 (847) 866-8800



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	83
STA. 1100+00		TO STA. 1113+20.81		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

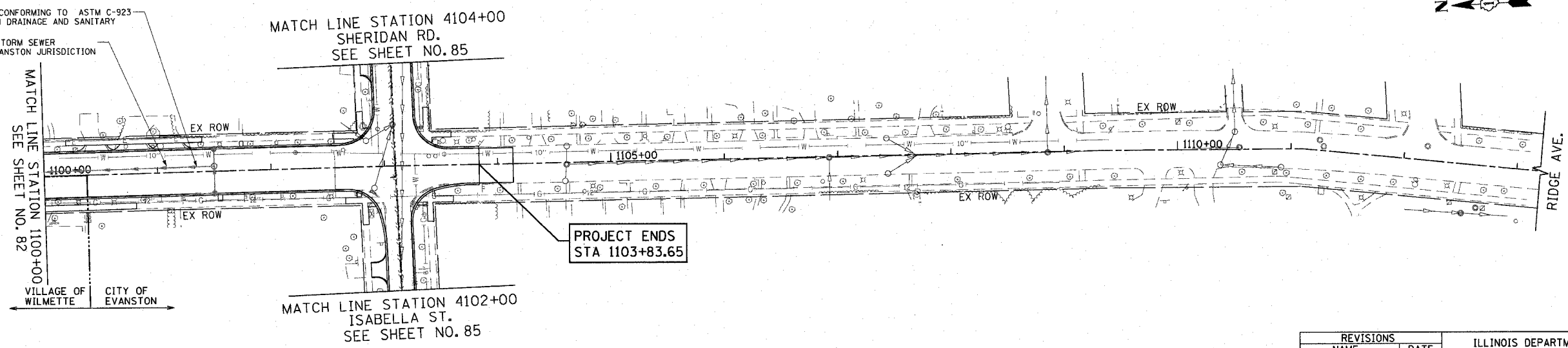
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 USER NAME = bjohnson



EXISTING

RESILIENT CONNECTORS CONFORMING TO ASTM C-923 SHALL BE USED BETWEEN DRAINAGE AND SANITARY STRUCTURES AND PIPES.

PROPOSED STORM SEWER CITY OF EVANSTON JURISDICTION



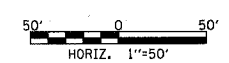
PROPOSED

1051 PERIMETER DRIVE, SUITE 1025  
 BOSTON, ILLINOIS 60113  
 (847) 955-9999



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SANITARY SEWER PLAN  
 SHERIDAN ROAD  
 STATION 1100+00 TO STATION 1113+20.81

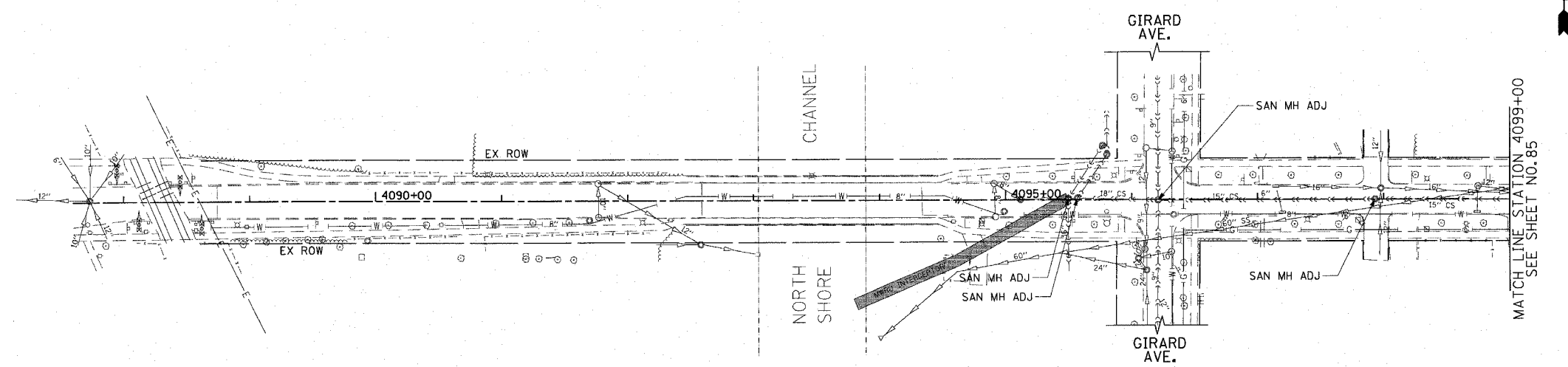


DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL

CONTRACT NO. 83964

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FF	COOK	246	84
STA. 4088+00		TO STA. 4099+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

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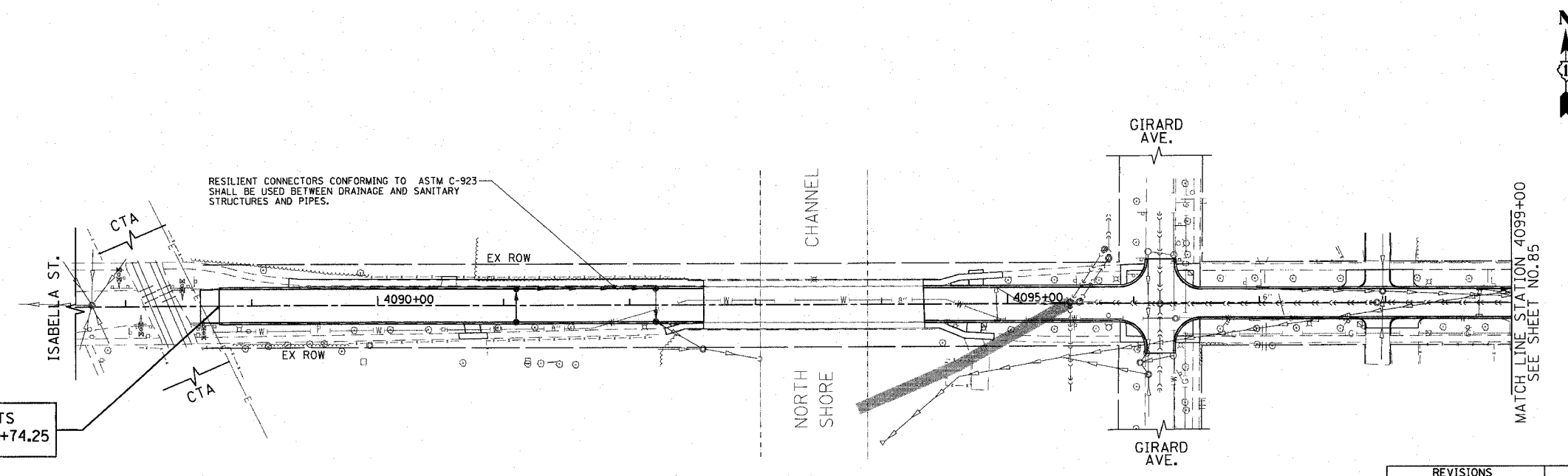


EXISTING

1051 PERIMETER DRIVE, SUITE 1025  
 SCHAMBURG, ILLINOIS 60173  
 (847) 665-9600



PROJECT LIMITS  
 STATION 4088+74.25



PROPOSED

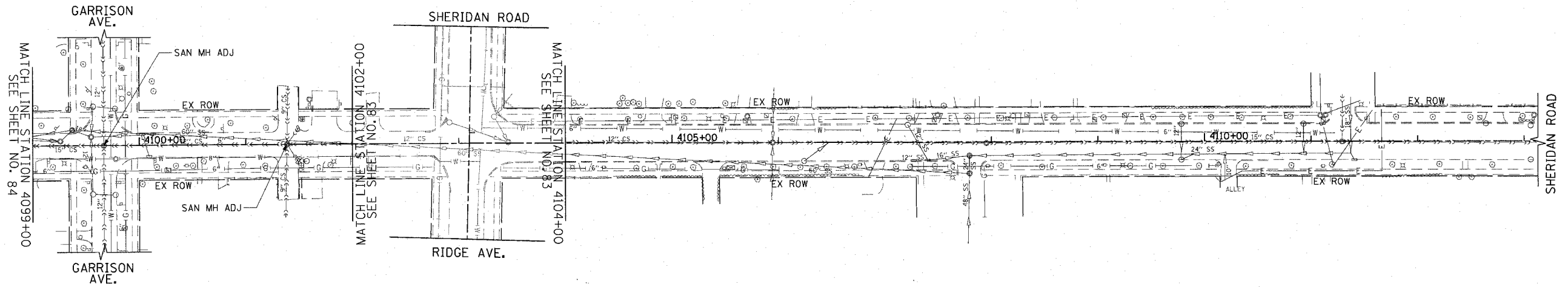
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SANITARY SEWER PLAN  
 ISABELLA STREET  
 STATION 4087+60 TO STATION 4099+00

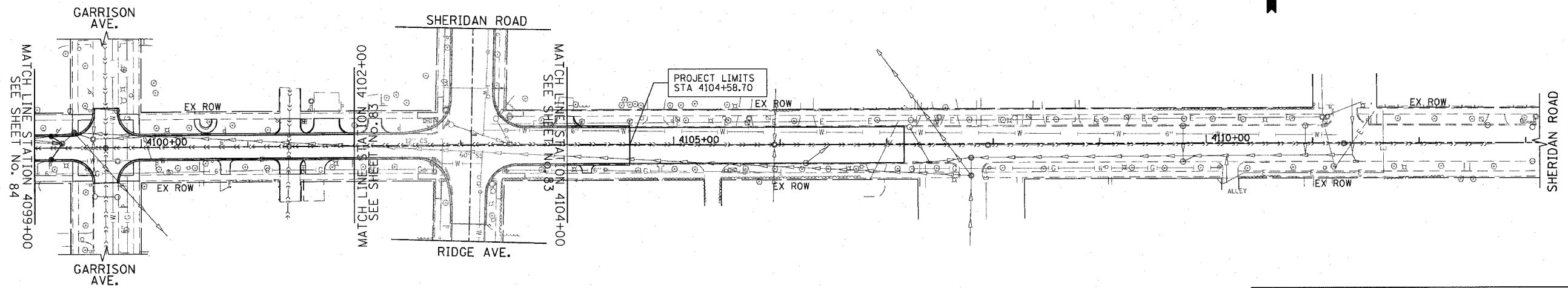
DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL

HORIZ. 1"=50'

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	85
STA. 4099+00		TO STA. 1113+20.81		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		



EXISTING



PROPOSED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SANITARY SEWER PLAN**  
 ISABELLA STREET  
 STATION 4099+00 TO STATION 4113+13



DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL

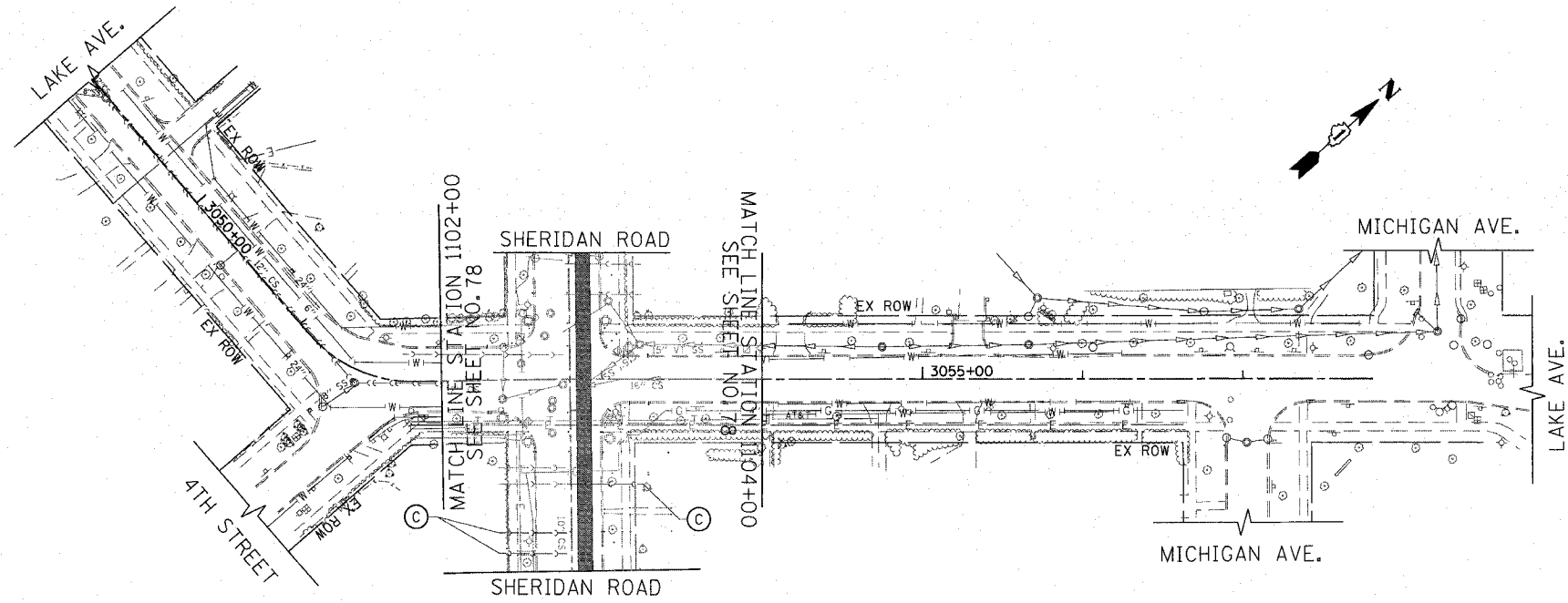
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 USER NAME = bjohnson

1051 PERIMETER DRIVE, SUITE 1025  
 SCHMIDT, ILLINOIS 60173  
 (630) 353-8800

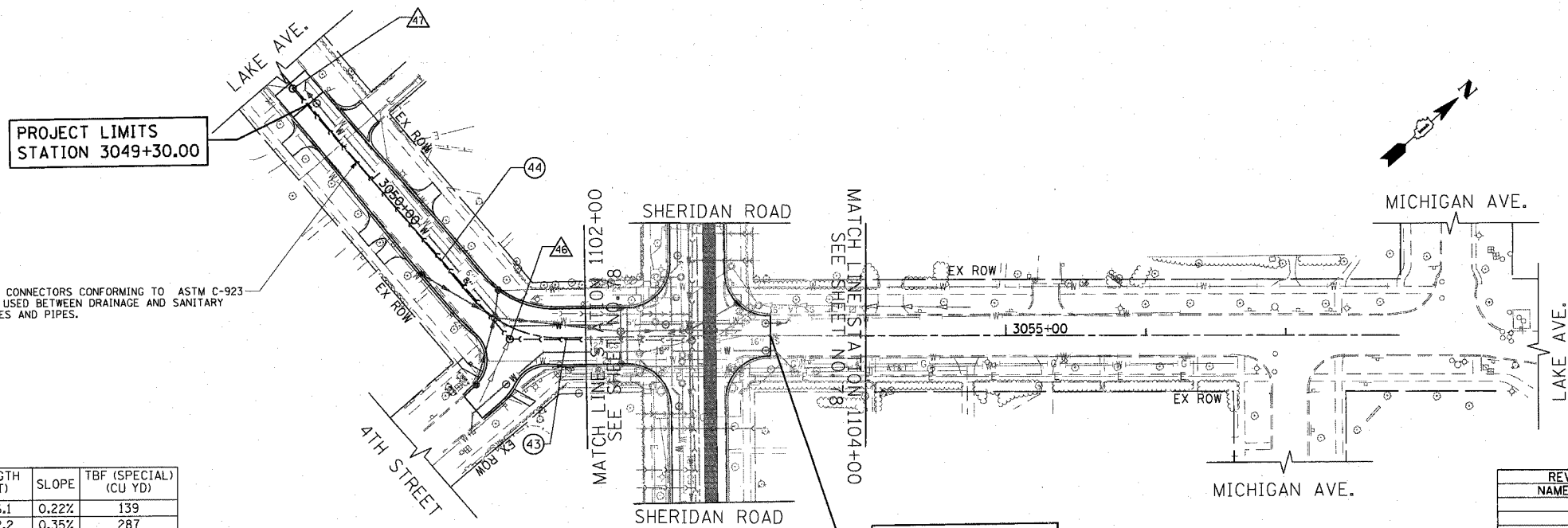


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	86
STA. 3049+00		TO STA. 3057+82		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

PLOT DATE = 7/12/2007  
 FILE NAME = g:\CDR6\2006\Road\Sheets\1102\1102.sht  
 PLOT SCALE = 80.0000 / 1" = 80.0000'  
 USER NAME = bjoeman



EXISTING



RESILIENT CONNECTORS CONFORMING TO ASTM C-923 SHALL BE USED BETWEEN DRAINAGE AND SANITARY STRUCTURES AND PIPES.

PROPOSED

SCHEDULE OF SANITARY SEWER PIPES

PIPE NUMBER	ITEM	CLASS	SIZE	LENGTH (FT)	SLOPE	TBF (SPECIAL) (CU YD)
43	SANS	WM REQMS	12"	126.1	0.22%	139
44	SANS	WM REQMS	12"	232.2	0.35%	287

SCHEDULE OF SANITARY SEWER STRUCTURES

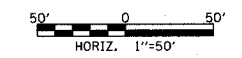
STRUCTURE NUMBER	STATION	OFFSET (FT)	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT							
						NORTH	NE	EAST	SE	SOUTH	SW	WEST	NW
46	3051+48.0	8.2' RT	DROP MH, 4' DIA	T1 F, CL	604.65		595.15		597.95				595.15
47	3049+14.1	1.2' RT	SAN MH TA 4' DIA	T1 F, CL	605.44			594.34				599.44	594.34

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SANITARY SEWER PLAN  
LAKE AVENUE

STATION 3049+00 TO STATION 3057+82



DATE 7/13/07  
DRAWN BY LTD  
CHECKED BY BJL

1051 PERIMETER DRIVE, SUITE 1025  
 GAITHERSBURG, ILLINOIS 60173  
 (847) 985-9800



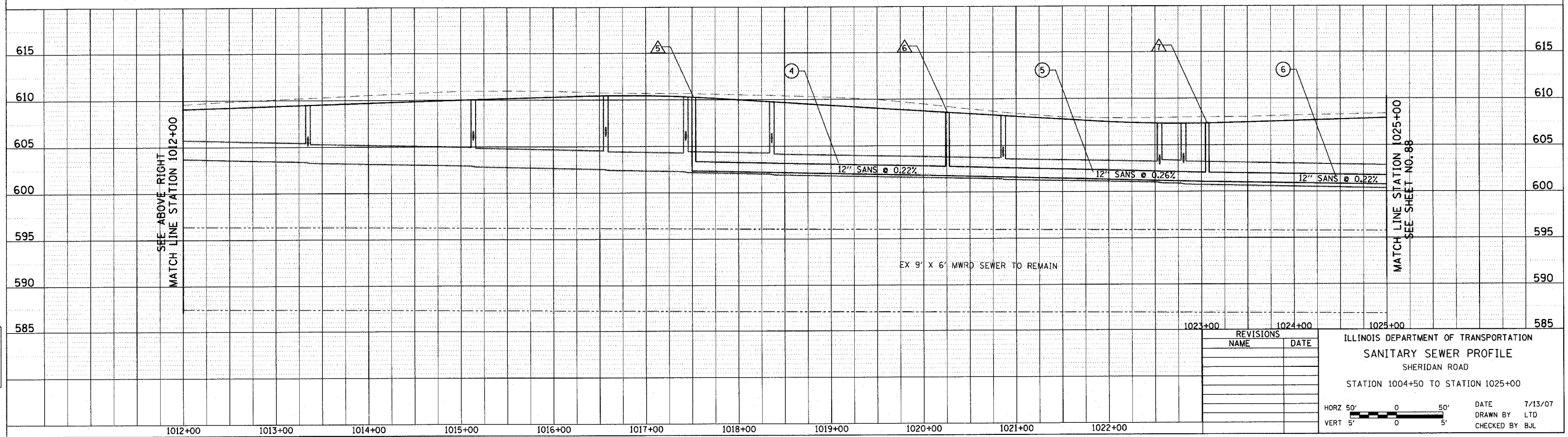
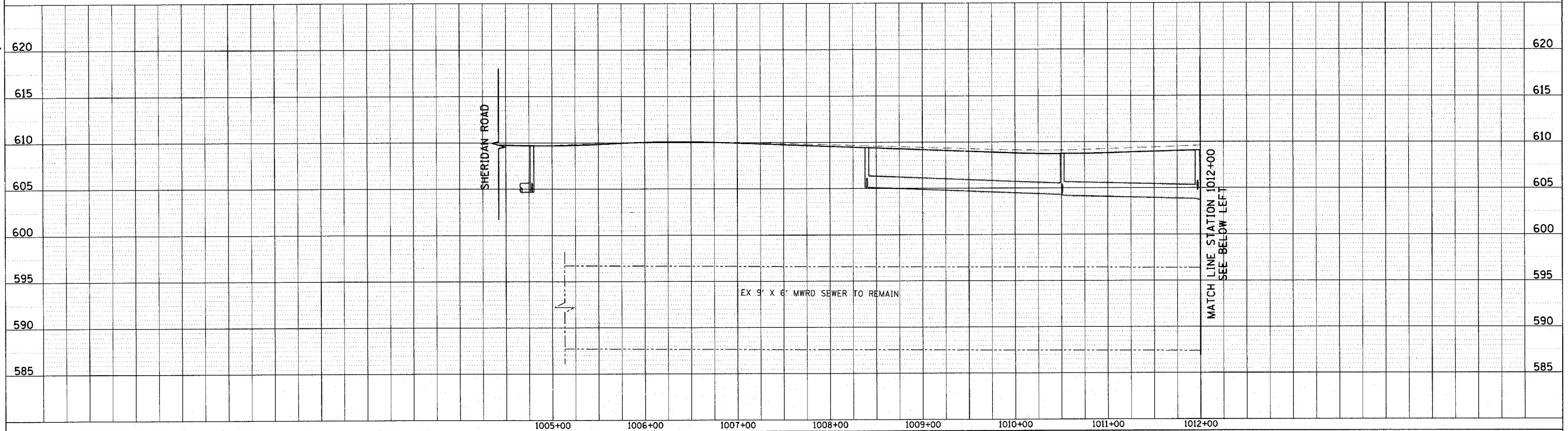
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	87
STA. 1004+50		TO STA. 1025+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

PLOT DATE = 7/12/2007  
 FILE NAME = g:\cadd\83964\road\sheet87.dwg  
 PLOT SCALE = 49.9999 / IN.  
 USER NAME = b.johansen

PLAN	DATE	BY
SUBMITTED PLOTTED AT OF MAY CHECKED CAD FILE NAME		
NO. NO.		

PROFILE	DATE	BY
SUBMITTED PLOTTED GRAINS CHECKED STRUCTURE NOTATIONS CHECKED		
NO. NO.		

1051 PERIMETER DRIVE SUITE 1025  
 SCHALKBURG, ILLINOIS 60173  
 (647) 905-9600



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SANITARY SEWER PROFILE**  
 SHERIDAN ROAD  
 STATION 1004+50 TO STATION 1025+00

DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL

HORZ 50' 0 50'  
 VERT 5' 0 5'







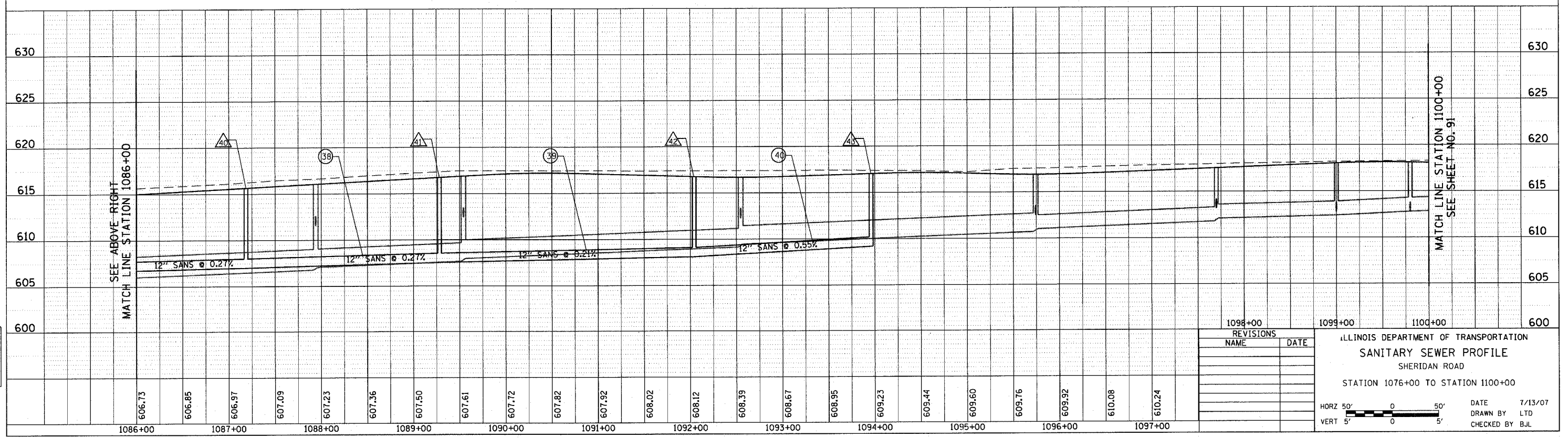
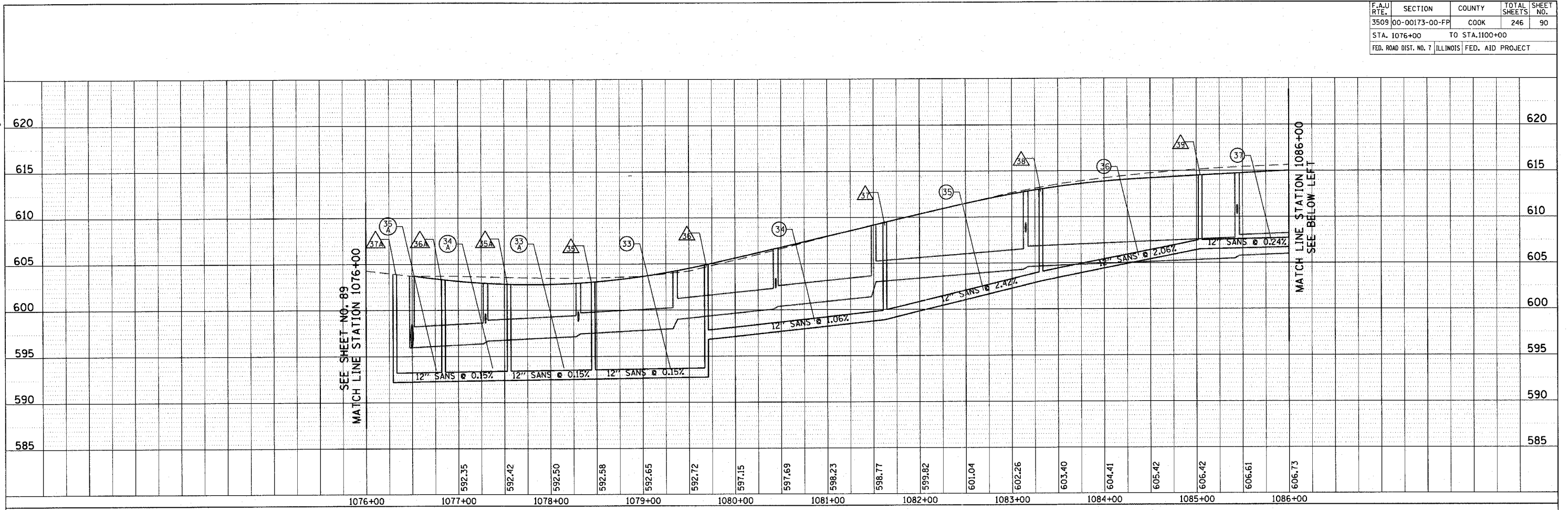
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	90
STA. 1076+00		TO STA. 1100+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

PLOT DATE = 7/12/2007  
 FILE NAME = c:\cadd\83964\ss\road\shasta\sewer\90.sht  
 PLOT SCALE = 41.9999 / IN.  
 USER NAME = b.johnson

PLAN	NO.	DATE	BY
DESIGNED			
PLOTTED			
CHECKED			
DATE			

PROFILE	NO.	DATE	BY
DESIGNED			
PLOTTED			
CHECKED			
DATE			

1051 PERIMETER DRIVE, SUITE 1025  
 SCHAMBERG, ILLINOIS 60173  
 (847) 605-9600



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SANITARY SEWER PROFILE**  
 SHERIDAN ROAD  
 STATION 1076+00 TO STATION 1100+00

HORZ 50' 0 50'  
 VERT 5' 0 5'

DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL

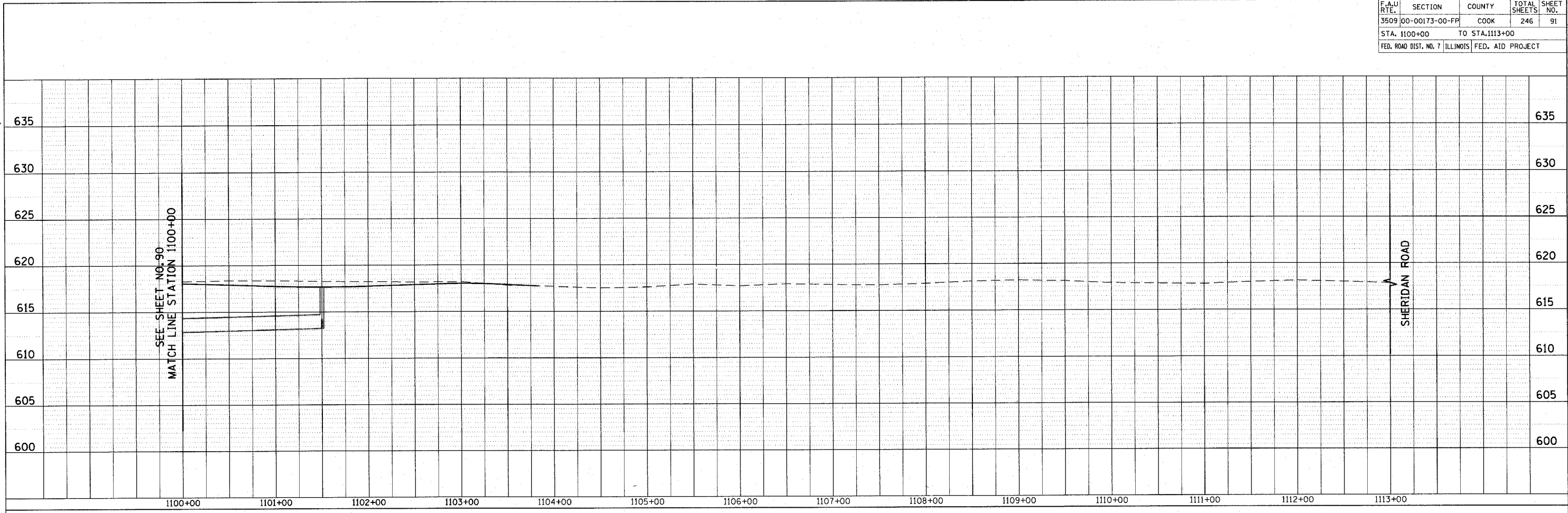
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-PP	COOK	246	91
STA. 1100+00		TO STA. 1113+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

PLOT DATE = 7/12/2007  
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 PLOT SCALE = 49.9999 / IN.  
 USER NAME = bjoelmer

PLAN	DATE	BY
SURVEYED PLOTTED CHECKED BY FILE NAME NO.		

PROFILE	DATE	BY
SURVEYED PLOTTED CHECKED BY FILE NAME NO.		

1051 PERIMETER DRIVE SUITE 1025  
 SCHALMERSBURG, ILLINOIS 60173  
 (647) 805-9600



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SANITARY SEWER PROFILE**  
 SHERIDAN ROAD  
 STATION 1100+00 TO STATION 1113+00

DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL

HORZ 50' 0 50'  
 VERT 5' 0 5'

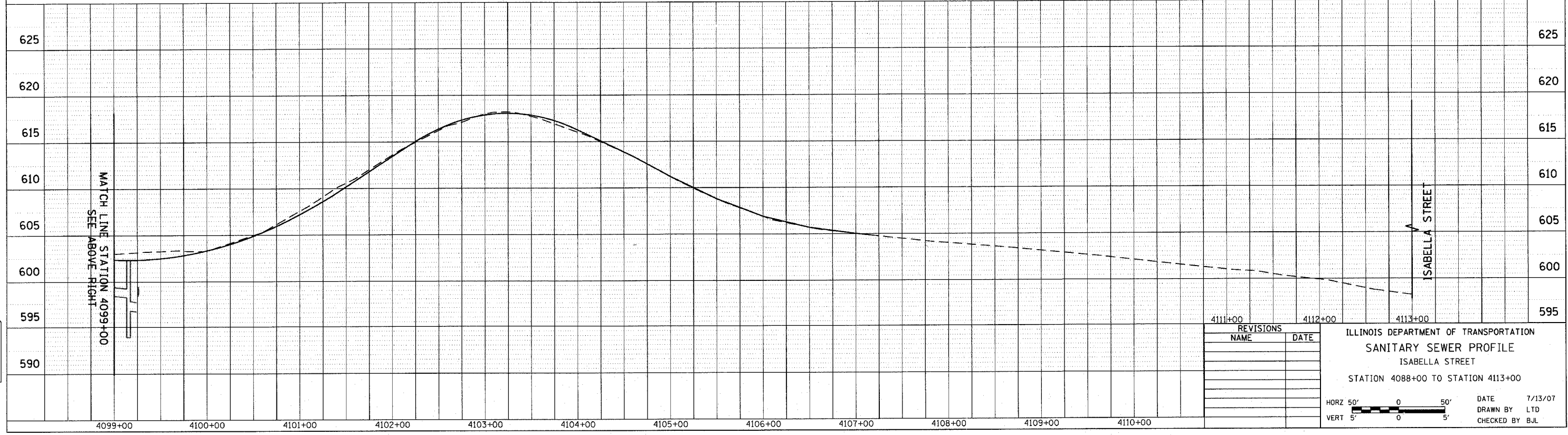
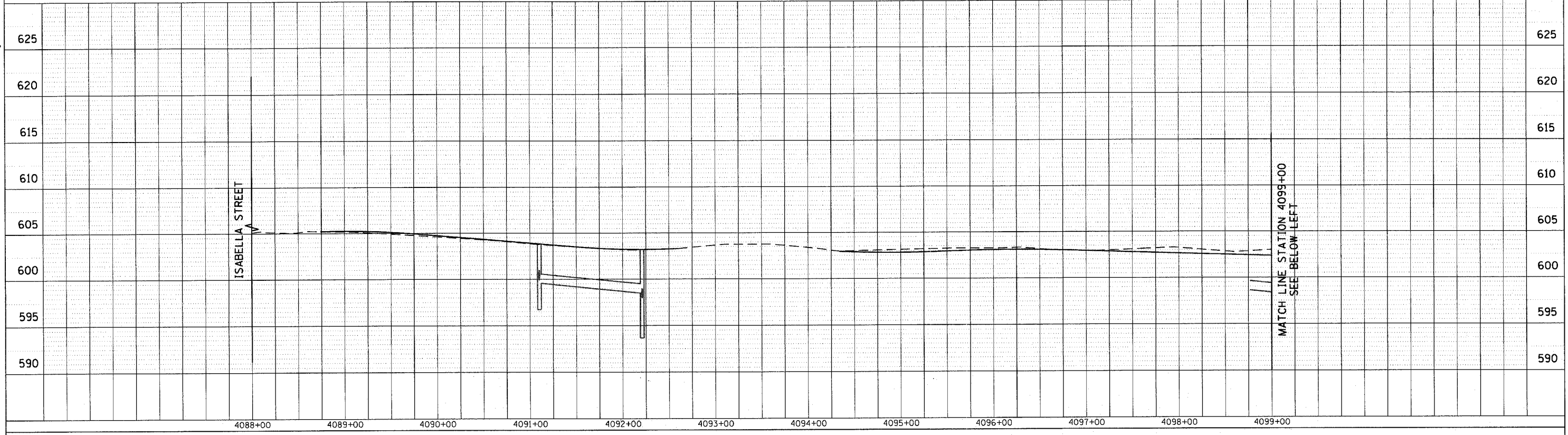
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509 00-00173-00-FP		COOK	246	92
STA. 4088+00		TO STA. 4113+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

PLOT DATE = 7/12/2007  
 FILE NAME = c:\cadd\0805\road\shsew\sewpr92.shx  
 PLOT SCALE = 48,9999 / IN.  
 USER NAME = bjoelma

PLAN  
 SUBMITTED BY \_\_\_\_\_  
 PLOTTED BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_  
 DATE \_\_\_\_\_  
 NO. \_\_\_\_\_  
 CAD FILE NAME \_\_\_\_\_

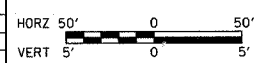
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 PLOTTED BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_  
 DATE \_\_\_\_\_  
 NO. \_\_\_\_\_  
 STRUCTURE NOTATION CHECK \_\_\_\_\_

1081 PERIMETER DRIVE SUITE 1025  
 SCHAMBERG, ILLINOIS 60173  
 (847) 905-8600



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SANITARY SEWER PROFILE  
 ISABELLA STREET  
 STATION 4088+00 TO STATION 4113+00  
 DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL



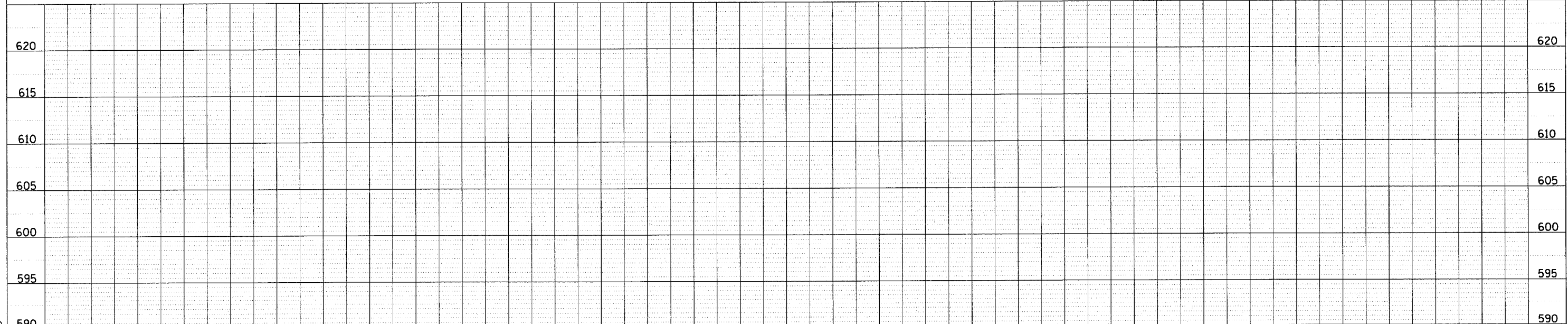
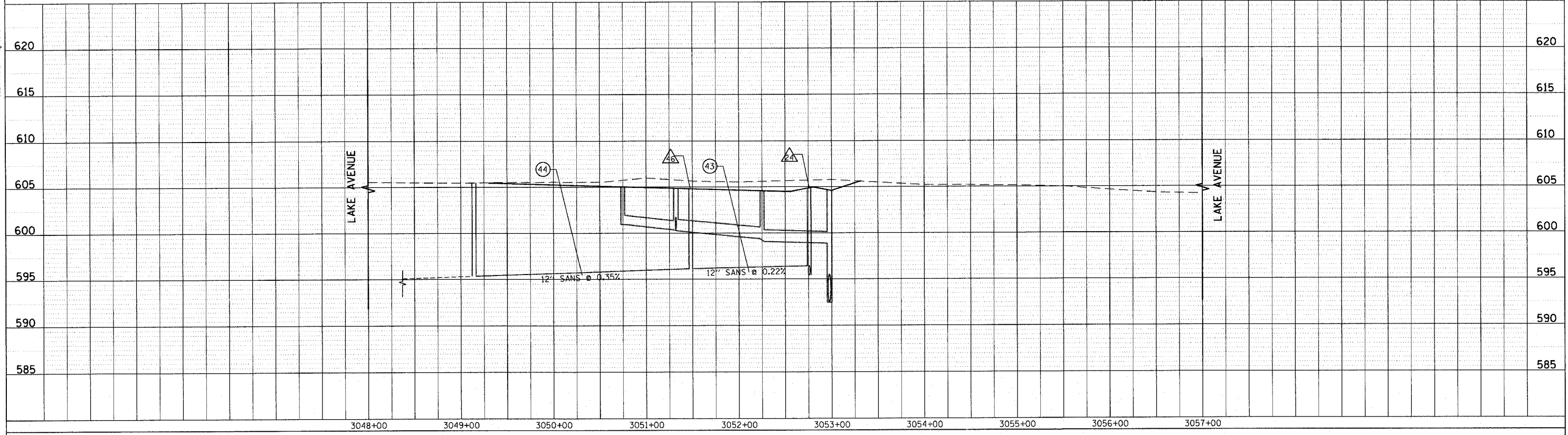
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	93
STA. 3048+00		TO STA. 3057+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

PLOT DATE = 7/12/07  
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 PLOT SCALE = 48.9999 / IN.  
 USER NAME = b.johnson

PLAN  
 NO. \_\_\_\_\_  
 DATE \_\_\_\_\_  
 BY \_\_\_\_\_  
 DESIGNED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 AUTOMATIC CHECKED \_\_\_\_\_  
 F.A.D. FILE NAME \_\_\_\_\_  
 USER NAME \_\_\_\_\_

PROFILE  
 NO. \_\_\_\_\_  
 DATE \_\_\_\_\_  
 BY \_\_\_\_\_  
 GRADES CHECKED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 STRUCTURE NOTATIONS CHECKED \_\_\_\_\_  
 USER NAME \_\_\_\_\_

1051 PERMETER DRIVE, SUITE 1025  
 SCHAMBERG, ILLINOIS 60173  
 (847) 905-8600



REVISIONS	
NAME	DATE

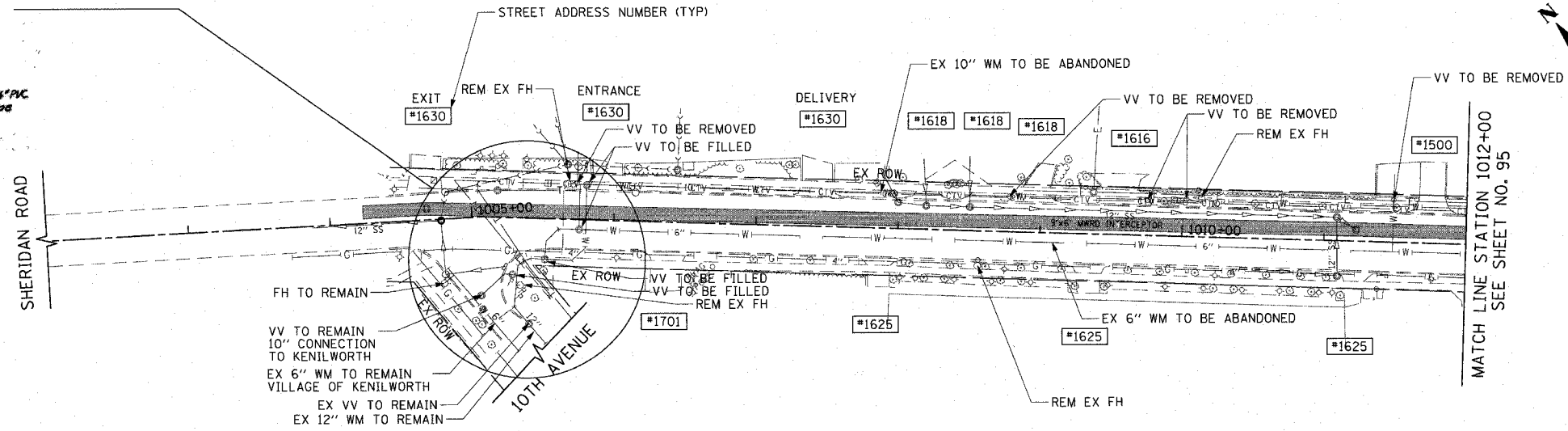
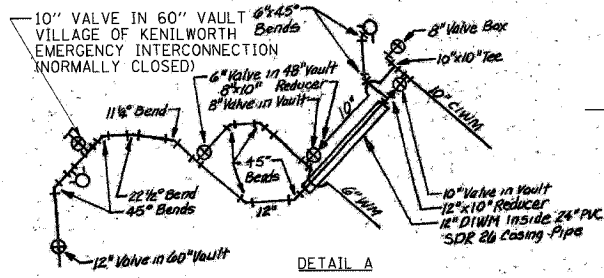
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SANITARY SEWER PROFILE**  
 LAKE AVENUE  
 STATION 3048+00 TO STATION 3057+00

DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL

HORZ 50' 0 50'  
 VERT 5' 0 5'

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	94
STA. 1002+00		TO STA. 1012+00		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

PLOT DATE = 7/12/2007  
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 USER NAME = bjohnson



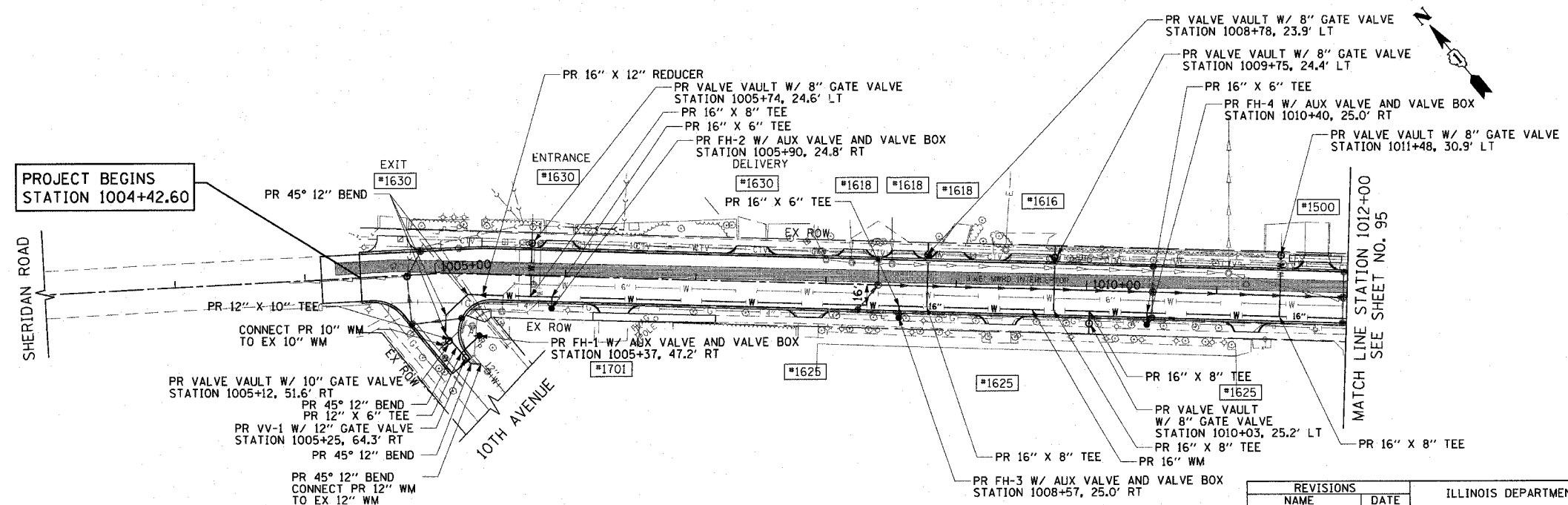
EXISTING

**NOTES:**

- SEE SHEET 180 FOR TYPICAL WATER SERVICE INSTALLATION DETAILS.
- ALL WATER SERVICES SHALL BE AUGURED UNLESS OTHERWISE DIRECTED BY THE ENGINEER. SEE SHEET 180 FOR PROPOSED BUFFALO BOX LOCATIONS.
- AT EACH SIDE STREET CONNECTION, 10' OF WATERMAIN REMOVAL IS REQUIRED. A QUANTITY FOR WATERMAIN REMOVAL OF THE SIZE SPECIFIED IS INCLUDED IN THE SUMMARY OF QUANTITIES.
- ALL WATERMAIN TO BE ABANDONED SHALL BE CAPPED AT EITHER END. THE COST OF THIS WORK IS INCLUDED IN THE COST OF WATERMAIN REMOVAL.
- ALL FITTINGS SHALL BE INCLUDED IN THE COST OF THE WATERMAIN OF THE SIZE SPECIFIED.
- WATER SERVICE REPLACEMENTS AT COMMERCIAL AND CONDO UNIT BUILDINGS SHALL OCCUR BETWEEN 12:00 MIDNIGHT AND 4:00 AM.
- A MINIMUM 10' HORIZONTAL SEPARATION SHALL BE PROVIDED BETWEEN WATER AND SANITARY SERVICES.

**LEGEND:**

PR VV-# = PROPOSED VALVE VAULT, TYPE A, 4'-DIAMETER, TYPE I FRAME, CLOSED LID

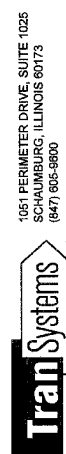


PROPOSED

REVISIONS	
NAME	DATE

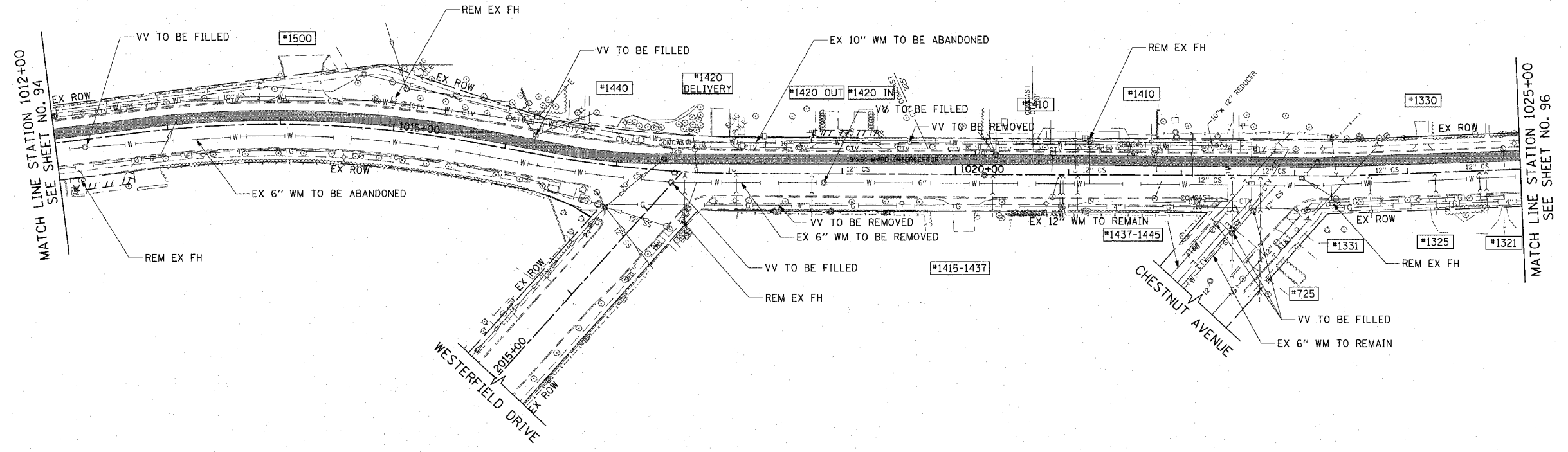
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**WATER MAIN PLAN**  
 SHERIDAN ROAD  
 STATION 1002+00 TO STATION 1012+00

DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL



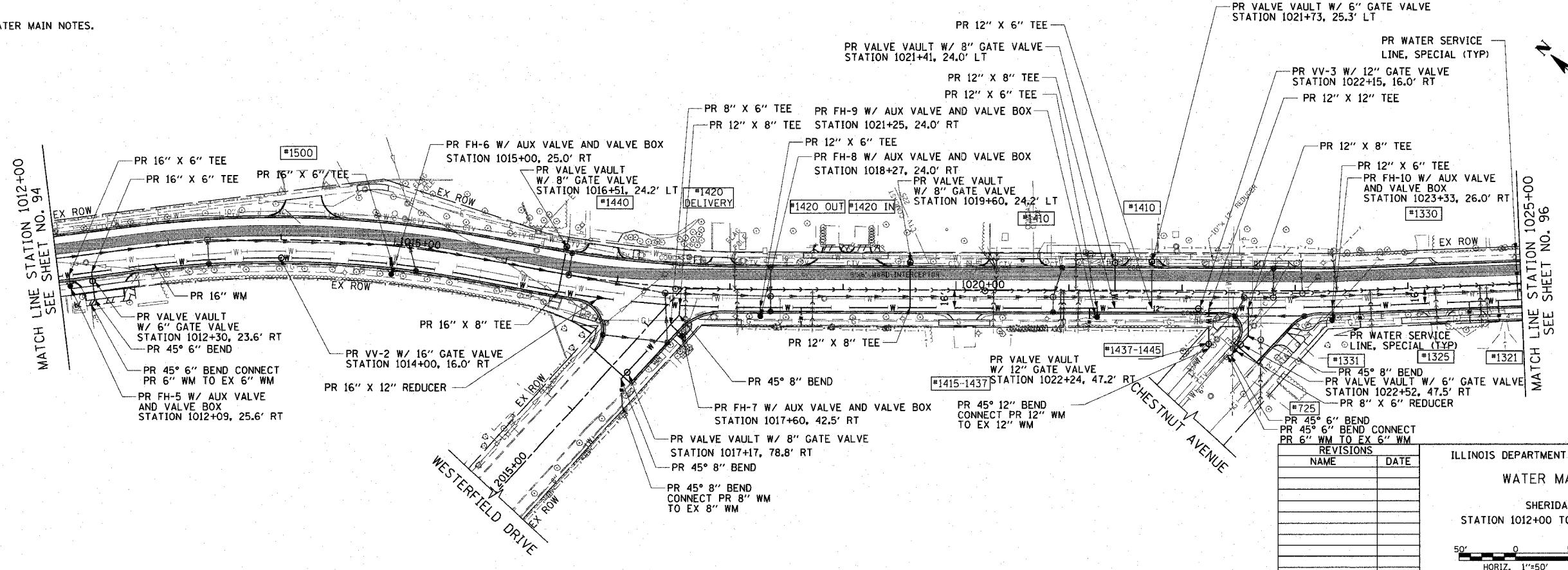
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	95
STA. 1012+00		TO STA. 1025+00		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

PLOT DATE = 7/12/2007  
 FILE NAME = g:\cadd\83964\road\sheet\wmp102.dwg  
 USER NAME = bjozani



EXISTING

SEE SHEET NO. 94 FOR WATER MAIN NOTES.

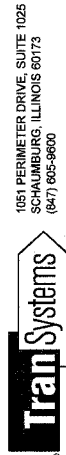


PROPOSED

REVISIONS	
NAME	DATE

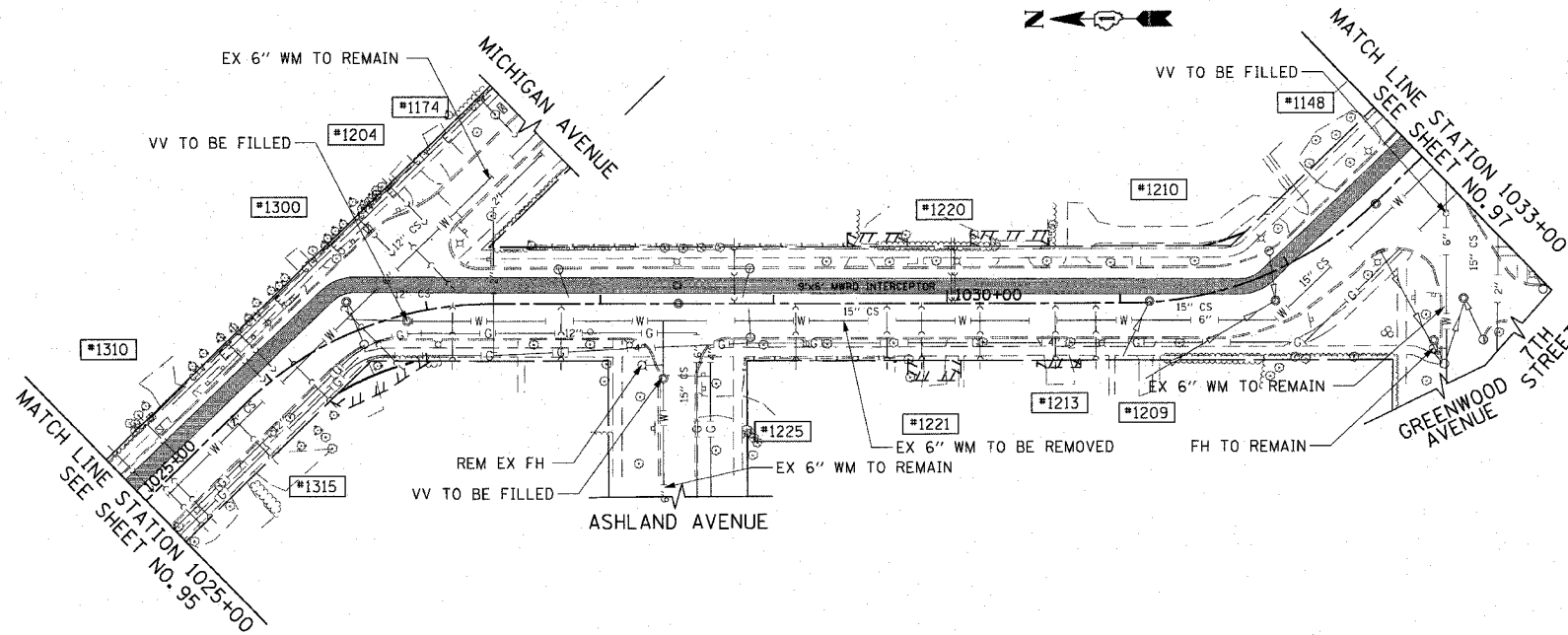
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**WATER MAIN PLAN**  
 SHERIDAN ROAD  
 STATION 1012+00 TO STATION 1025+00

DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY B.JL



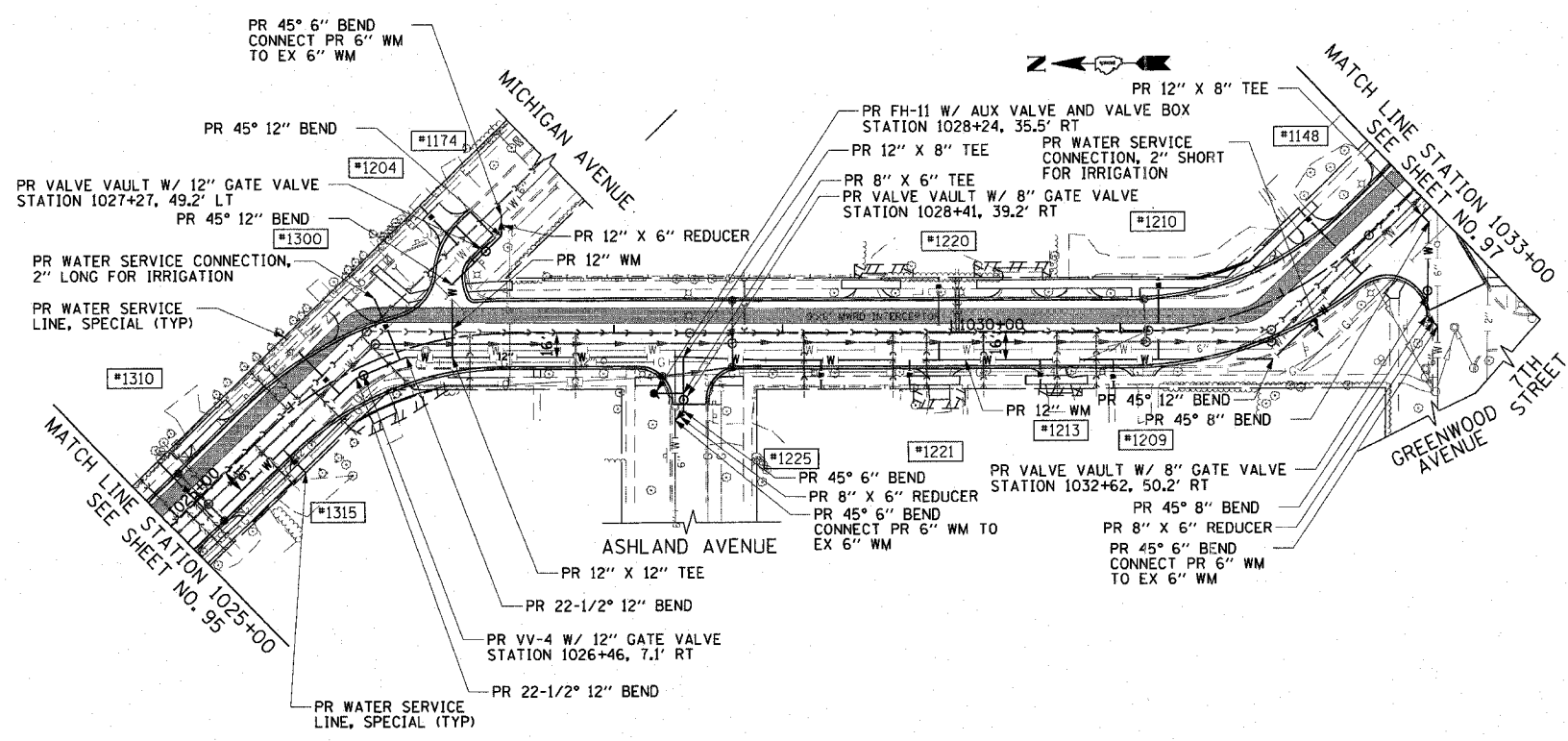
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	96
STA. 1025+00		TO STA. 1033+00		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

PLOT DATE = 7/12/2007  
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 USER NAME = bjohnson



EXISTING

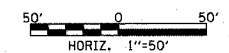
SEE SHEET NO. 94 FOR WATER MAIN NOTES.



PROPOSED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**WATER MAIN PLAN**  
 SHERIDAN ROAD  
 STATION 1025+00 TO STATION 1033+00  
 DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL



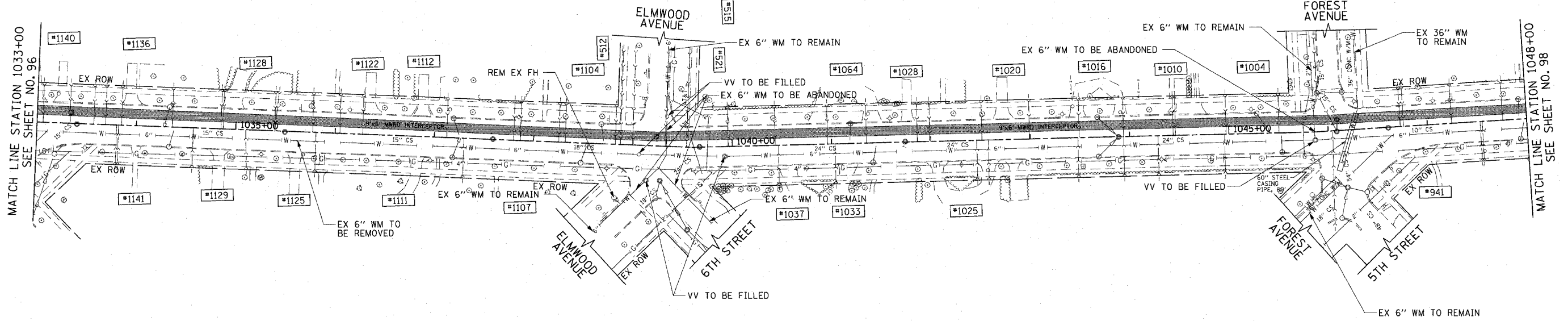
1051 PERIMETER DRIVE, SUITE 1025  
 CHICAGO, ILLINOIS 60673  
 (847) 865-9800



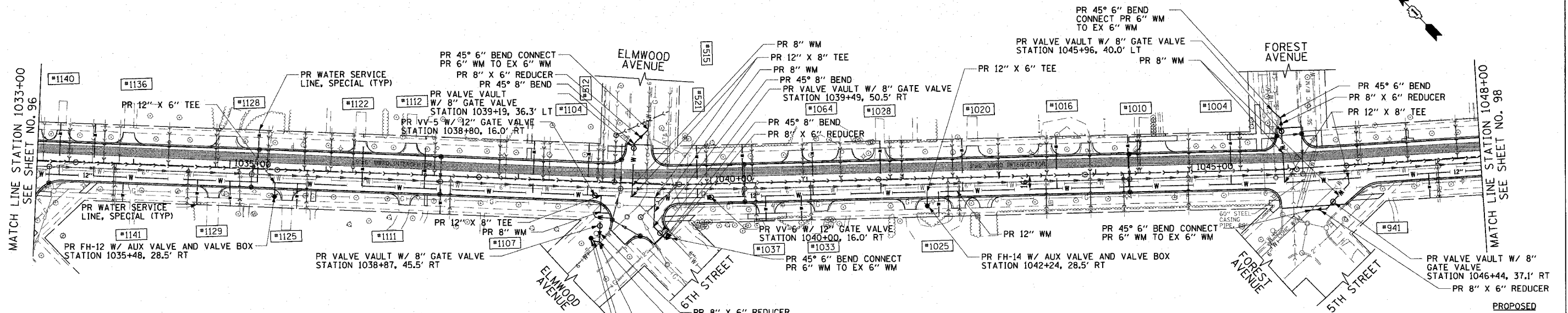


F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	97
STA. 1033+00		TO STA. 1048+00		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

PLOT DATE = 7/12/2007  
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 USER NAME = b.johman

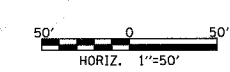


SEE SHEET NO. 94 FOR WATER MAIN NOTES.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**WATER MAIN PLAN**  
 SHERIDAN ROAD  
 STATION 1033+00 TO STATION 1048+00



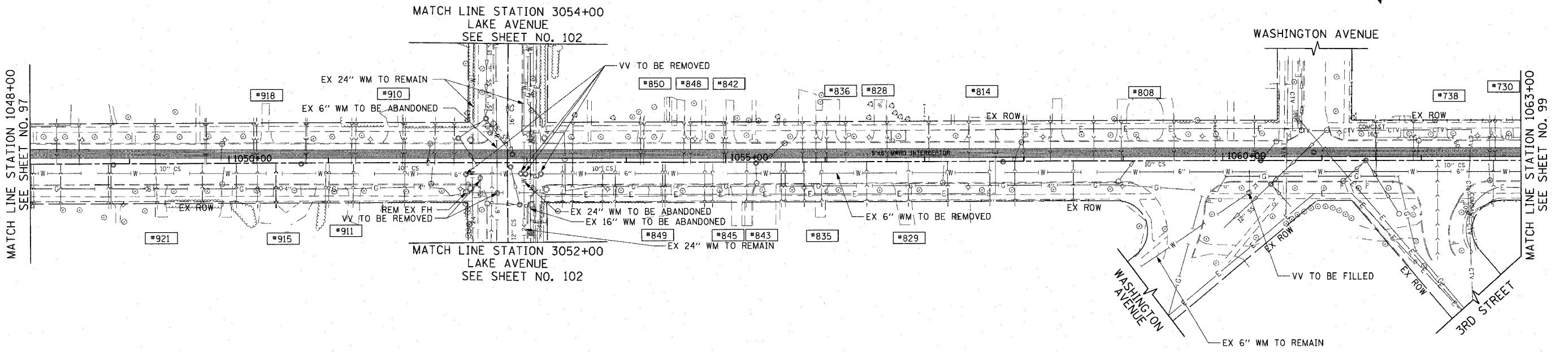
DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL

1081 PERIMETER DRIVE, SUITE 1025  
 SCHAMBERG, ILLINOIS 60173  
 (847) 905-9600



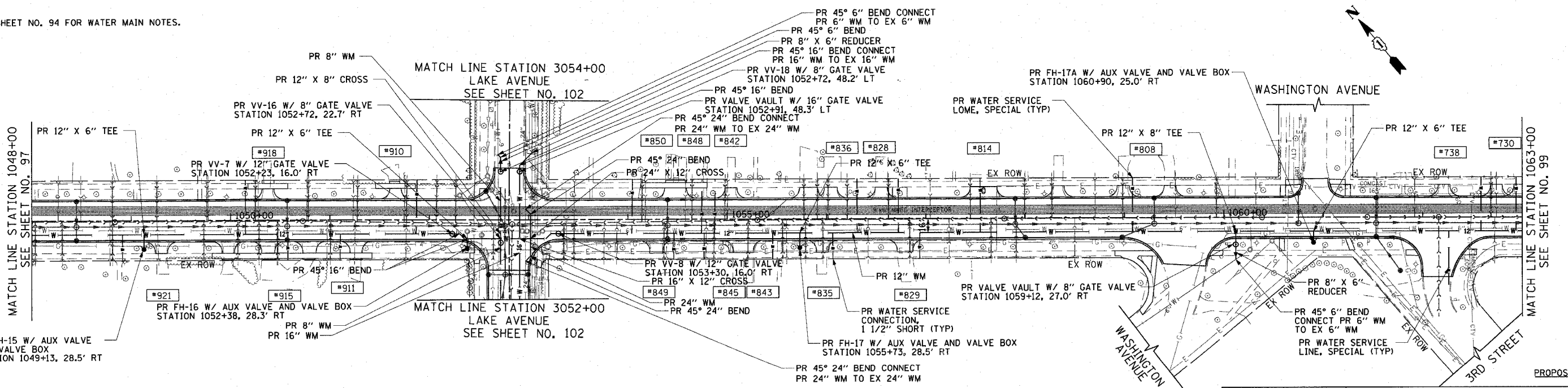
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	98
STA. 1048+00		TO STA. 1036+00		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

PLOT DATE = 7/12/2007  
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 USER NAME = bjohnson



EXISTING

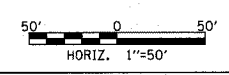
SEE SHEET NO. 94 FOR WATER MAIN NOTES.



PROPOSED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**WATER MAIN PLAN**  
 SHERIDAN ROAD  
 STATION 1048+00 TO STATION 1063+00



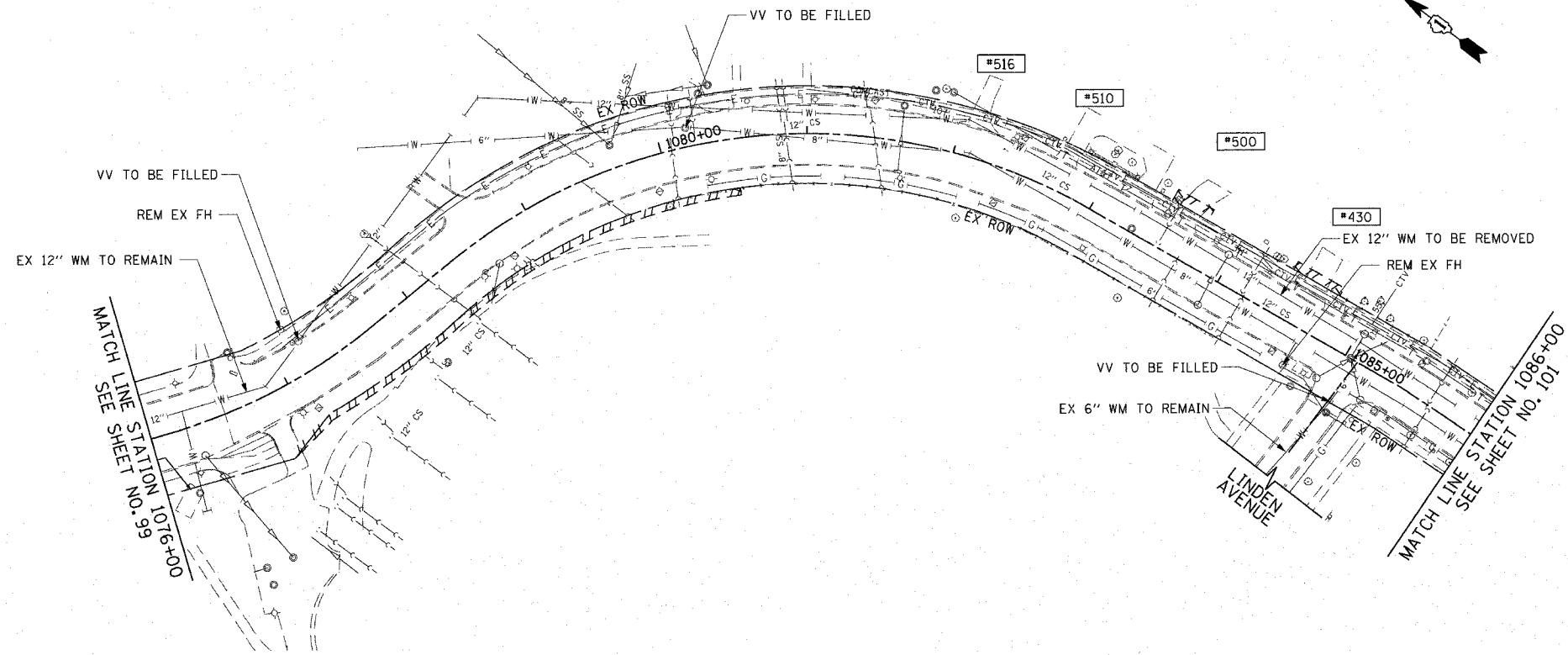
DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL

1051 PERIMETER DRIVE, SUITE 1025  
 SCHWANBERG, ILLINOIS 60173  
 (847) 965-9800



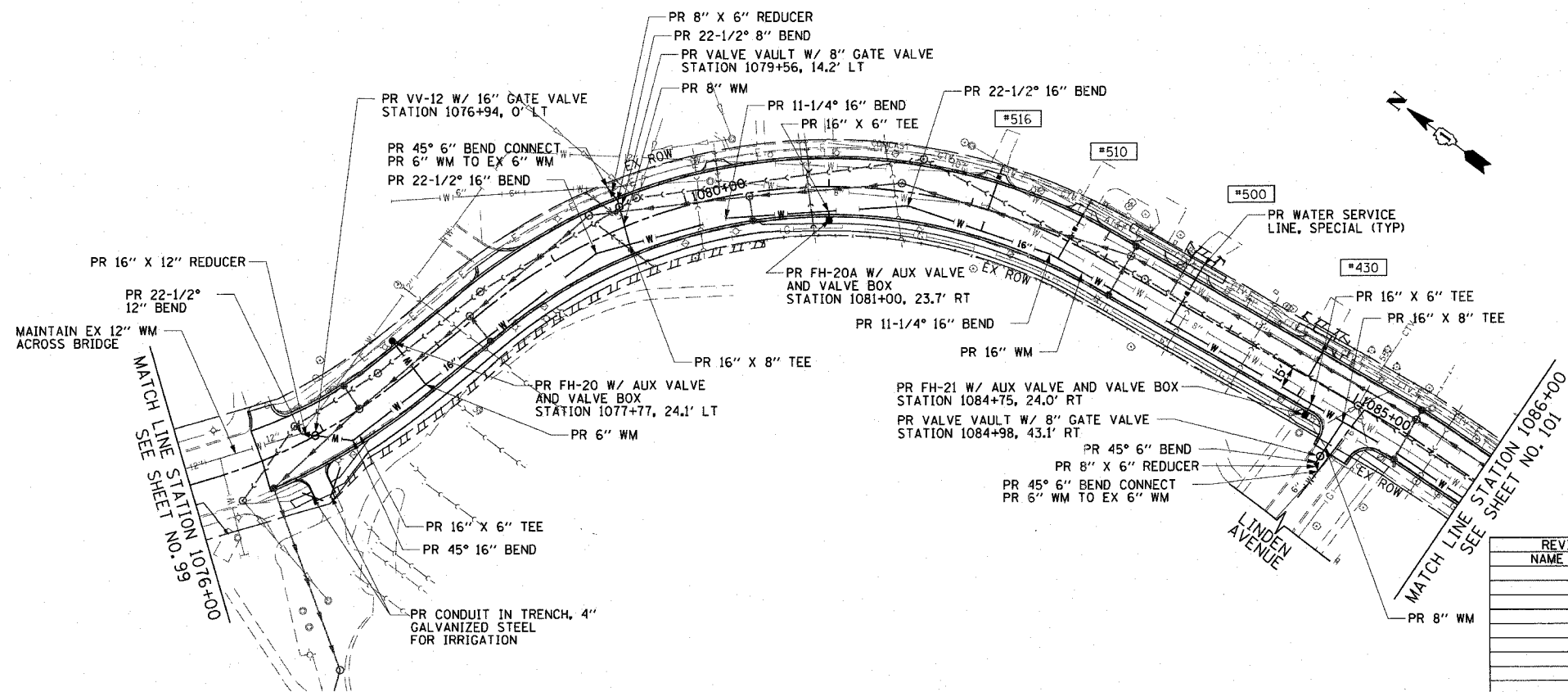


F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	100
STA. 1076+00		TO STA. 1086+00		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		



EXISTING

SEE SHEET NO. 94 FOR WATER MAIN NOTES.

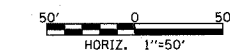


PROPOSED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**WATER MAIN PLAN**  
 SHERIDAN ROAD  
 STATION 1076+00 TO STATION 1086+00

DATE 7/13/07  
 DRAWN BY LTD  
 CHECKED BY BJL



PLOT DATE = 7/12/2007  
 FILE NAME = g:\a0861005\road\sheds\mpl107.sht  
 PLOT SCALE = 80.0000 7' IN.  
 USER NAME = bjoeman

1054 PERIMETER DRIVE, SUITE 1025  
 BLOOMINGTON, ILLINOIS 61713  
 (847) 965-8800

