

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

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-RS	LAKE	121	1
CONTRACT NO 61G31				



FOR INDEX OF SHEETS AND LIST OF STATE STANDARDS, SEE SHEET NO. 2

THOMPSON BOULEVARD
DESIGN DESIGNATION = COLLECTOR
DESIGN SPEED = 30 MPH
POSTED SPEED = 25 MPH
DESIGN YEAR = 2040
ADT = 1,500 - 5,100 (2040)

BRANDYWYN LANE
DESIGN DESIGNATION = MINOR COLLECTOR
DESIGN SPEED = 25 MPH
POSTED SPEED = 25 MPH
DESIGN YEAR = 2040
ADT = 1,500 - 3,500 (2040)

**MUN 3260 THOMPSON BOULEVARD
BRANDYWYN LN TO BUFFALO GROVE RD
MUN 2060 BRANDYWYN LANE
THOMPSON BLVD TO APTAKISIC RD
SECTION No.: 16-00106-01-RS
PROJECT No.: UTSH(857)
JOB No.: C-91-090-20
ROADWAY RECONSTRUCTION PROJECT
VILLAGE OF BUFFALO GROVE
LAKE COUNTY**

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

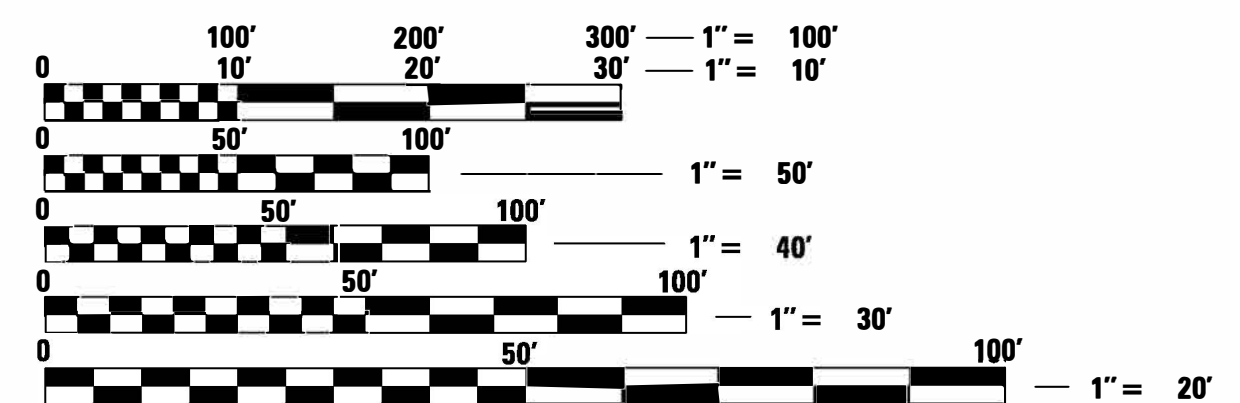
Approved:
Warren T. Monico, P.E.
Village of Buffalo Grove

Passed: 12-9-19

District One Engineer of Local Roads & Streets

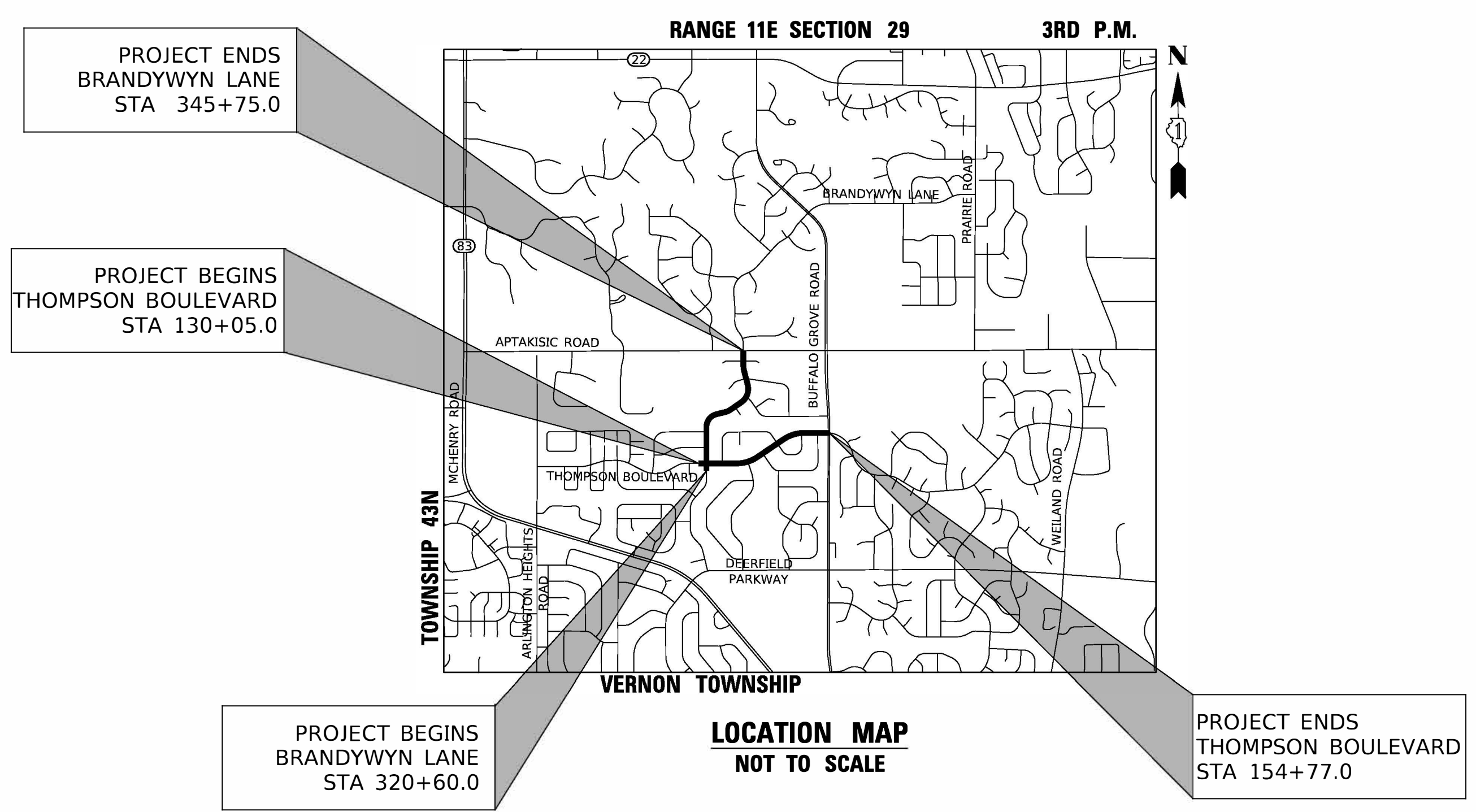
Releasing for Bid Based on Limited Review: DECEMBER 9, 2019

Regional Engineer



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

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



PROJECT LENGTH:

THOMPSON BOULEVARD RECONSTRUCT (STA 130+05.0 TO STA 154+77.0) - 2,472.0 FT (0.468 MI) (NET)
BRANDYWYN LANE RECONSTRUCT (STA 320+60.0 TO STA 345+73.0) - 2,513.0 FT (0.476 MI) (NET)
PROJECT TOTAL - 4,985.0 FT (0.944 MI) (NET & GROSS)

REGISTERED P.E., STATE OF ILLINOIS EXPIRES 11/30/2021

PLANS PREPARED BY:
Two Pierce Place, Suite 1400 - Itasca, Illinois 60143
Tel: 630.773.3900 - Fax: 630.773.3975
www.civiltechinc.com

FEDERAL AID PROGRAM ENGINEER: CARMEN E. RAMOS, P.E., SCHAMBURG, IL

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE PERFORMED ACCORDING TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" APRIL 1, 2016, THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" JANUARY 1, 2020, THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" LATEST EDITION. THE DETAILS IN THESE PLANS, THE CONTRACT DOCUMENTS, ALL APPLICABLE REQUIREMENTS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, THE IEPA AND ORDINANCES OF AUTHORITIES HAVING JURISDICTION AND ALL ADDENDA THERETO.
- EASEMENTS FOR THE EXISTING UTILITIES, BOTH PUBLIC AND PRIVATE AND UTILITIES WITHIN PUBLIC RIGHTS- OF WAY ARE SHOWN ON THE PLANS ACCORDING TO AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION IN THE FIELD OF THESE UTILITY LINES AND THEIR PROTECTION FROM DAMAGE DUE TO CONSTRUCTION OPERATIONS. IF EXISTING UTILITY LINES OF ANY NATURE ARE ENCOUNTERED WHICH CONFLICT WITH NEW CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
- WHENEVER, DURING CONSTRUCTION OPERATIONS, ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF GUTTERS, DRAINAGE STRUCTURES, DITCHES, ETC. SUCH THAT THE NATURAL FLOW LINE OF WATER IS OBSTRUCTED, THE LOOSE MATERIAL WILL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE PRIOR TO ORDERING MATERIALS IN ADDITION, THE CONTRACTOR MUST VERIFY THE LINE AND GRADES. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, STANDARD SPECIFICATION AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTION FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSION OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTION, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS/HER OWN RISK.
- ALL PAVEMENT DIMENSIONS ARE SHOWN TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE THE MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 72 HOURS PRIOR TO BEGINNING WORK.
- IF DURING CONSTRUCTION THE CONTRACTOR ENCOUNTERS OR OTHERWISE BECOMES AWARE OF ANY SEWERS OR UNDERDRAINS OTHER THAN THOSE SHOWN ON THE PLANS, HE/SHE SHALL INFORM THE ENGINEER, WHO SHALL DIRECT THE WORK NECESSARY TO MAINTAIN OR REPLACE THE FACILITIES IN SERVICE AND TO PROTECT THEM FROM DAMAGE DURING CONSTRUCTION IF MAINTAINED. EXISTING FACILITIES TO BE MAINTAINED THAT ARE DAMAGED BECAUSE OF NON -COMPLIANCE WITH THIS PROVISION SHALL BE REPLACED.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY TOILET FACILITIES AND HAND SANITIZING STATIONS FOR THE USE OF ALL CONTRACTORS PERSONNEL EMPLOYED ON THE WORK SITE. THE FACILITIES SHALL BE MAINTAINED IN PROPER SANITARY CONDITION THROUGHOUT THE PROJECT. THE LOCATION OF THE TEMPORARY FACILITIES SHALL BE APPROVED BY THE ENGINEER.
- THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH THE NPDES PERMIT AND SWPPP MANUAL. IF NO NPDES PERMIT OR SWPPP MANUAL IS NEEDED FOR THE PROJECT THE CONTRACTOR SHALL PERFORM SOIL EROSION SEDIMENT CONTROL BEST PRACTICES OR AS DIRECTED BY THE OWNER TO PREVENT ILLICIT DISCHARGES FROM THE SITE.

UTILITY NOTES

- UNDERGROUND WORK SHALL INCLUDE TRENCHING, DISPOSAL OF EXCESS MATERIAL, DEWATERING, INSTALLATION OF PIPE, CASTINGS, STRUCTURES, BACKFILLING OF TRENCHES AND COMPACTION, AND TESTING AS SHOWN ON THE CONSTRUCTION PLANS. FITTINGS AND ACCESSORIES NECESSARY TO COMPLETE THE WORK MAY NOT BE SPECIFIED. ALL SEWER SHALL BE INSTALLED USING A LASER AND BEGIN AT THE DOWNSTREAM END.
- MACHINE CORE ALL CONNECTIONS TO EXISTING STRUCTURES USING A CORE DRILL. HAMMERING OR SAWING OF STRUCTURES WILL NOT BE ALLOWED.
- ALL CONNECTIONS TO EXISTING SANITARY MANHOLES SHALL BE INSTALLED WITH A NEOPRENE BOOT SECURED WITH DOUBLE STAINLESS STEEL STRAPS MEETING THE REQUIREMENTS OF ASTM C-923.
- ALL CONNECTIONS TO EXISTING OR DISSIMILAR STORM/SANITARY LINES SHALL BE DONE WITH STAINLESS STEEL NON-SHEAR COUPLINGS.
- STONE BEDDING AND BACKFILL SHALL BE OMITTED FOR A DISTANCE OF 15 FEET UP AND DOWNSTREAM OF SEWERS DRAINING TO OR FROM PONDS OR STREAMS. THE REPLACED BEDDING SHALL BE SILTY CLAY SOIL MECHANICALLY COMPACTED TO 90% MODIFIED PROCTOR DENSITY. THE USE OF PERMEABLE SOILS WILL NOT BE PERMITTED.

UTILITY NOTES (CONTINUED)

- ALL WATER MAIN SHALL HAVE MECHANICAL RESTRAINED TYPE JOINTS AT ALL CONNECTIONS AND FITTINGS IN ADDITION. ALL HARDWARE SHALL BE STAINLESS STEEL.
- THRUST BLOCKING SHALL BE PROVIDED ON WATER MAIN AT ALL BENDS, TEES, ELBOWS, ETC. INDIVIDUAL INSPECTION FOR ALL THRUST BLOCKING IS REQUIRED. THRUST BLOCKING SHALL BE POURED IN PLACE CONCRETE. PRECAST BLOCKS MAY BE USED AS APPROVED BY THE ENGINEER.
- CONTRACTOR SHALL ROTATE PROPOSED CURBLINE STRUCTURES AS NEEDED TO AVOID UTILITY CONFLICTS.

PROJECT SPECIFIC NOTES

- ALL CONSTRUCTION WILL BE INSPECTED BY THE OWNER'S REPRESENTATIVE. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE MUNICIPALITIES CODE AS WELL AS THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL INDEMNIFY THE OWNER, ENGINEER, THE MUNICIPALITY AND THEIR AGENTS, FROM ALL LIABILITY INVOLVED IN CONSTRUCTION, INSTALLATION AND TESTING OF THE WORK ON THIS PROJECT.
- ALL ELEVATIONS ARE ON NAVD 88 VERTICAL DATUM.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL TRAFFIC CONTROL TO ADEQUATELY INFORM AND PROTECT THE PUBLIC OF ALL CONSTRUCTION OPERATIONS.
- PRIOR TO PLACEMENT OF FABRIC AND STONE, THE SUBGRADE SHALL BE PROOF-ROLLED IN THE PRESENCE OF THE ENGINEER. PROOF-ROLLING SHALL BE DONE USING A THREE AXLE DUMP TRUCK TOGETHER WITH LOAD WEIGHING AT LEAST TWENTY -FIVE (25) TONS. THE LOAD SHALL BE UNIFORMLY PLACED IN THE DUMP BODY. ALL DEFICIENCIES SHALL BE REPAIRED AND RE-PROOF-ROLLED UNTIL FOUND ACCEPTABLE TO THE ENGINEER.
- AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ASI WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENTS IS TO BE REMOVED AND REPLACED AS DIRECT BY THE ENGINEER AT CONTRACTOR EXPENSE.

- ALL STONE USED ON THE PROJECT SHALL BE CRUSHED UNLESS SPECIFICALLY NOTED OTHERWISE.
- ALL CONCRETE SHALL HAVE A LIGHT BROOM FINISH APPLIED WITHIN 1 HOUR OF FINAL STRIKING.
- ALL CONCRETE SHALL HAVE A WHITE, IDOT TYPE 3 CURING COMPOUND APPLIED TO THE SURFACE WITHIN FINAL STRIKING AT THE MANUFACTURER RECOMMENDED APPLICATION RATE.
- 3/4" THICK PRE-MOLDED FIBER EXPANSION JOINS WITH 2, 3/4"x18" PLAIN ROUND, STEEL DOWEL BARS SHALL BE INSTALLED IN ALL CURBS AT (45') FORTY -FIVE FOOT INTERVALS AND AT ALL P.C.'S, P.T.'S AND CURB RETURNS. ALTERNATE ENDS OF THE DOWEL BARS SHALL BE GREASED AND FITTED WITH METAL EXPANSION TUBES. ALL EXPANSION JOINTS MUST BE FREE OF CONCRETE FOR FULL DEPTH. CONTRACTION JOINTS SHALL BE TOOLED AT 15' INTERVALS.
- ALL DOWEL BARS AND TIE BARS SHALL BE EPOXY COATED UNLESS NOTED OTHERWISE.
- ALL PAVEMENT SUBGRADE SHALL BE COMPACTED TO 95% MODIFIED PROCTOR DENSITY. ALL SUBGRADE IN LAWN AREAS SHALL BE COMPACTED TO 90% MODIFIED PROCTOR DENSITY.
- SPREAD SCREENED TOPSOIL ON ALL DISTURBED ARES AND PROPOSED GREEN AREAS. TOPSOIL SHALL COMPLY WITH REQUIREMENTS OF ARTICLE 1081.05.
- IN TYPE B-4.12 CURB, ALL TYPE 11 FRAMES SHALL BE 6 INCHES HIGH WITH 5' TAPERS TO MATCH CURB HEIGHT.
- THE SIDEWALK ON ONE SIDE OF THE EACH STREET AND SIDESTREET MUST REMAIN OPEN AND ACCESSIBLE AT ALL TIMES. CONSTRUCTION STAGING SHALL BE COORDINATED WITH THE ENGINEER TOE ENSURE ONE SIDEWALK REMAINS OPEN.

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IDOT HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALK
442201-03	CLASS C AND D PATCHES
602001-02	CATCH BASIN TYPE A
602011-02	CATCH BASIN TYPE C
602301-04	INLET - TYPE A
602401-06	PRECAST MANHOLE TYPE A 4' DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-05	FRAME AND LIDS TYPE 1
604051-04	FRAME AND GRATE TYPE 11
606001-07	CONCRETE CURB TYPE B & COMBINATION CONCRETE CURB & GUTTER
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE 2L, 2W SHORT TIME OPERATIONS
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL, MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
780001-05	TYPICAL PAVEMENT MARKINGS

IDOT DISTRICT ONE STANDARDS

STANDARD NO.	DESCRIPTION
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-14	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
TC-16	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
TC-21	DETOUR SIGNING FOR CLOSING STATE HIGHWAYS
TC-22	ARTERIAL ROAD INFORMATION SIGN

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NOTE BOOK NO.	ALIGNMENT CHECKED		
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PROFILE	SURVEYED	BY	DATE
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NOTE BOOK NO.	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		

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Two Pierce Place, Suite 1400
Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

DESIGNED - TGB	REVISED -
DRAWN - JRR	REVISED -
CHECKED - KRK	REVISED -
DATE - 12/18/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SHEET 1 OF 2 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	2
CONTRACT NO 61G31				
ILLINOIS		FED AID PROJECT		

EROSION CONTROL NOTES

- AT A MINIMUM, THE CONTRACTOR SHALL INSTALL AND MAINTAIN SOIL EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH IN THE LATEST EDITION OF THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY'S URBAN MANUAL.
- DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS.
- LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF SITE SEDIMENT TRACKING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING ANY ROAD OF MATERIAL THAT IS FROM THE PROJECT. THIS WILL BE DONE AT THE CLOSE OF EACH DAY OF WORK OR MORE FREQUENTLY AS FIELD CONDITIONS WARRANT.
- ALL STORM WATER STRUCTURES WITH OPEN LIDS SHALL BE PROTECTED WITH INLET FILTER BASKETS DURING CONSTRUCTION. SEDIMENT SHALL BE REMOVED AS NEEDED AND BASKETS SHALL BE REPAIRED OR REPLACED AS NEEDED.
- AFTER ACHIEVING PERMANENT VEGETATION, ALL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE REMOVED, AND THE DRAINAGE STRUCTURES SHALL BE CLEANED.
- THE CONTRACTOR SHALL KEEP A WATER SOURCE AT THEIR DISPOSAL FOR THE PURPOSE OF WATERING DOWN SOIL ON SITE AND ADJACENT ROADWAYS WHICH OTHERWISE MAY BECOME AIRBORNE.
- THE CONTRACTOR SHALL STABILIZE ALL IDLE, DISTURBED AREAS WITHIN SEVEN DAYS OF CESSATION OF THE CONSTRUCTION ACTIVITIES IN THAT AREA.
- THE CONTRACTOR IS EXPRESSLY ADVISED NOT TO DISTURB AREAS WHICH ARE OUTSIDE THOSE NECESSARY TO PROVIDE THE IMPROVEMENTS AS CALLED FOR IN THE PLANS.
- ALL EROSION CONTROL MEASURES SHALL BE REPLACED IF DAMAGED OR MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
- ALL BYPASS CHANNELS, MUST BE CONSTRUCTED SO THAT CHANNEL FLOWS WILL NOT CAUSE EROSION OF EXCAVATED MATERIAL IN EACH CASE A SEDIMENTATION BASIN MUST BE CONSTRUCTED SO AS TO ALLOW THE SEDIMENT TO SETTLE PRIOR TO THE DOWNSTREAM OUTLET OF THE PROJECT AREA.
- PUMPS MAY BE USED AS BYPASS DEVICES, BUT IN NO CASE WILL THE WATER BE DIVERTED OUTSIDE THE PROJECT LIMIT. ALL PUMPED WATER SHALL BE FREE OF SILT. PUMPING MAY REQUIRE THE USE OF A SEDIMENT CONTAINMENT FILTER BAG AND OTHER SUPPLEMENTAL SEDIMENT CONTROL MEASURES.
- CONCRETE WASHOUT FACILITIES SHALL BE MADE AVAILABLE IF NEEDED, AND PROPERLY MAINTAINED THROUGHOUT THE PROJECT.
- PROPERLY MANAGE ALL MATERIAL STORAGE AREAS, PORTABLE TOILETS, AND EQUIPMENT FUELING, CLEANING, AND MAINTENANCE AREAS TO ENSURE THESE AREAS ARE FREE OF SPILLS, LEAKS, OR OTHER POTENTIAL POLLUTANTS.
- WASTE, CONSTRUCTION DEBRIS, AND BUILDING MATERIALS SHALL BE COLLECTED AND PLACED IN APPROVED RECEPTACLES.

VILLAGE OF BUFFALO GROVE NOTES

- FRAMES, LIDS, GRATES, VALVES, FIRE HYDRANTS, ETC. WHICH ARE ABANDONED OR REPLACED IN THIS PROJECT SHALL BE SALVAGED AND REMAIN PROPERTY OF THE VILLAGE OF BUFFALO GROVE. THE CONTRACTOR SHALL COORDINATE DELIVERY TO THE VILLAGE'S SELECTED SITE. ANY DAMAGE TO THE SALVAGED ITEMS DUE TO THE CONTRACTORS NEGLIGENCE SHALL BE REPLACED.
- THE CONTRACTOR SHALL GIVE NOTICES AND COMPLY WITH APPLICABLE LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ALL PUBLIC AUTHORITIES BEARING ON SAFETY OF PERSONS OR PROPERTY OR THEIR PROTECTION FROM DAMAGE, INJURY OR LOSS.
- NO SIGNAGE IS TO BE REMOVED. IF SIGNS ARE TAKEN DOWN FOR CONSTRUCTION PURPOSES, THEY MUST BE RE-ERECTED ON THE SAME DAY TO THE SATISFACTION OF THE ENGINEER.
- ANY BRANCHES THAT REQUIRE TRIMMING FOR EQUIPMENT CLEARANCE/CONSTRUCTION OPERATIONS SHALL BE DONE IN ACCORDANCE WITH THE IDOT DISTRICT ONE DETAIL "PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE" AND MUST BE APPROVED BY THE ENGINEER.

COMMITMENTS

- THE VILLAGE SHALL PREPARE AND SEND LETTERS TO ANY RESIDENTS WITH ADA NEEDS PRIOR TO CONSTRUCTION.

POINTS OF CONTACT

VILLAGE OF BUFFALO GROVE
MR. KYLE E. JOHNSON, P.E.
51 RAUPP BOULEVARD
BUFFALO GROVE, IL 60089
PH: 847.459.2523

ADLAI E. STEVENSON HIGH SCHOOL DISTRICT 125
1 STEVENSON DRIVE
LINCOLNSHIRE, IL 60069
PH: 847.415.4000

LAKE COUNTY PASSAGE
MR. PHILIP DIRK
LAKE COUNTY
DIVISION OF TRANSPORTATION
600 W WINCHESTER ROAD
LIBERTYVILLE, IL 60048
PH: 847.377.7000
dphilipp@lakecountyiil.gov
www.lakecountypassage.com

KILDEER COUNTRYSIDE SCHOOL DISTRICT 96
1050 IVY HALL LANE
BUFFALO GROVE, IL 60089
PH: 847.459.4260

AT&T DISTRIBUTION (UTILITY COMPANY)
MR. TIM GERDES
1000 COMMERCE DRIVE
OAK BROOK, IL 60523
PH: 630.573.6414
tg7394@att.com

COMCAST (UTILITY COMPANY)
MR. ROBERT STOLL
688 INDUSTRIAL DRIVE
ELMHURST, IL 60126
PH: 224.229.5849
Robert.Stoll@comcast.com

COM ED (UTILITY COMPANY)
MS. TERRI BLECK
1500 FRANKLIN BOULEVARD
LIBERTYVILLE, IL 60048
PH:
terri.bleck@comEd.com

NICOR GAS (UTILITY COMPANY)
MR. BRUCE KOPPANG
1844 FERRY ROAD
NAPERVILLE, IL 60563
PH: 630.388.3046
gasmaps@agresources.com

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SHEET 2 OF 2 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	3
CONTRACT NO 61G31				
ILLINOIS		FED AID PROJECT		

PLAN	DESIGNED	DATE
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	STRUCTURE NOTATION	
	EXTD	

SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	STP FUNDS		
						80% FED 20% VILLAGE		100% VILLAGE
						ROADWAY 0004		
						THOMPSON BOULEVARD	BRANDYWYN LANE	NON- PARTICIPATING
		28000510	INLET FILTERS	EACH	48	24	22	2
		28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	8563	4353	3869	341
	X	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	1867	948	919	
	X	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	22386	11370	11016	
		35101500	AGGREGATE BASE COURSE, TYPE B	CU YD	109	60	38	11
		35101598	AGGREGATE BASE COURSE, TYPE B 3"	SQ YD	19548	9949	9599	
		35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	131			131
		35101700	AGGREGATE BASE COURSE, TYPE B 5"	SQ YD	1737	885	852	
		35102100	AGGREGATE BASE COURSE, TYPE B 9"	SQ YD	674			674
		40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	4658	2382	2181	95
		40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	2314	1193	1045	76
		40700100	BITUMINOUS MATERIALS (TACK COAT)	POUND	9113	4780	4182	151
		42001300	PROTECTIVE COAT	SQ YD	5987	2989	2717	281
		42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	1914	1041	693	180
		42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	126		126	
		42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	16520	8625	7895	

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CIVILTECH
Two Pierce Place, Suite 1400
Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SHEET 2 OF 7 SHEETS STA TO STA

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	5
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NOTE BOOK NO.	
PLAN	
NOTE BOOK NO.	

DATE	
BY	
DESIGNED	
GRADES CHECKED	
NOTE BOOK NO.	
PROFILE	
NOTE BOOK NO.	

SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	STP FUNDS		
						80% FED 20% VILLAGE		100% VILLAGE
						ROADWAY 0004		
						THOMPSON BOULEVARD	BRANDYWYN LANE	NON- PARTICIPATING
		44000100	PAVEMENT REMOVAL	SQ YD	20655	10505	9477	673
X		44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	2039	1031	827	181
		44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	11556	6224	4881	451
		44000600	SIDEWALK REMOVAL	SQ FT	18563	10040	8523	
		44201690	CLASS D PATCHES, TYPE I, 4 INCH	SQ YD	5	5		
		44201692	CLASS D PATCHES, TYPE II, 4 INCH	SQ YD	83	47	36	
		44201694	CLASS D PATCHES, TYPE III, 4 INCH	SQ YD	84	47	37	
		44201696	CLASS D PATCHES, TYPE IV, 4 INCH	SQ YD	61	61		
		550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	32	32		
		55100500	STORM SEWER REMOVAL 12"	FOOT	476	269	207	
		55101100	STORM SEWER REMOVAL 21"	FOOT	75		75	
		60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1		1	
		60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	15	9	6	
		60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	1		1	
		60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	3	1	
		60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	12	7	5	

MODEL: SMOBELMANIES
FILE NAME: ...3323 C1_SUM.dwg

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SHEET 3 OF 7 SHEETS STA TO STA

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-RS	LAKE	121	6
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	NO. _____
NOTED	DATE _____
CHECKED	BY _____
ALIGNED	DATE _____
CHECKED	BY _____
FIELD	DATE _____
NO. _____	BY _____

PROFILE	NO. _____
NOTED	DATE _____
CHECKED	BY _____
ALIGNED	DATE _____
CHECKED	BY _____
FIELD	DATE _____
NO. _____	BY _____

SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	STP FUNDS		
						80% FED 20% VILLAGE		100% VILLAGE
						ROADWAY 0004		
						THOMPSON BOULEVARD	BRANDYWYN LANE	NON- PARTICIPATING
		60404800	FRAMES AND GRATES, TYPE 11	EACH	22	12	8	2
		60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	21	7	13	1
		60500040	REMOVING MANHOLES	EACH	2	1	1	
		60500050	REMOVING CATCH BASINS	EACH	3	1	2	
		60500060	REMOVING INLETS	EACH	12	7	5	
X	X	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	399	121	278	
X	X	66900530	SOIL DISPOSAL ANALYSIS	EACH	2	1	1	
X	X	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	0.5	0.5	
X	X	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	0.5	0.5	
X		66901006	REGULATED SUBSTANCES MONITORING	CAL DA	50	25	25	
		67100100	MOBILIZATION	L SUM	1	0.5	0.5	
		70107025	CHANGEABLE MESSAGE SIGN	CAL DA	112	56	56	
		70300900	PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS	SQ FT	136	73	63	
		70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	1606	1138	468	
		70300906	PAVEMENT MARKING TAPE, TYPE IV 6"	FOOT	350	169	181	
		70300924	PAVEMENT MARKING TAPE, TYPE IV 24"	FOOT	93	67	26	

MODEL: BRDDELNAMER
FILE NAME: ...3233 CI_SUM.dgn



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SHEET 4 OF 7 SHEETS STA TO STA

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	7
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	CHECKED	BY	DATE

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	CHECKED	BY	DATE

SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	STP FUNDS		
						80% FED 20% VILLAGE		100% VILLAGE
						ROADWAY 0004		
						THOMPSON BOULEVARD	BRANDYWYN LANE	NON- PARTICIPATING
		70300100	SHORT TERM PAVEMENT MARKING	FOOT	1247	618	629	
		70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	313	155	158	
		70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	209	73	136	
		70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	4113	2303	1810	
		70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	776	395	381	
		70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	662	223	439	
		70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	141	85	56	
X		78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	209	73	136	
X		78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	4113	2303	1810	
X		78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	776	395	381	
X		78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	662	223	439	
X		78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	141	85	56	
X		78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	10467	4933	5534	
X		78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	89	32	57	
X		84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	1		1	
X	X	80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1		1	

MODEL: SMODELWMMIES
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SHEET 5 OF 7 SHEETS STA TO STA

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-RS	LAKE	121	8
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	DATE	BY
	REVISIONS	
NOTE BOOK NO.	DESIGNED	TGB
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NO.	CHECKED	KRK
	DATE	12/18/2019

PROFILE	DATE	BY
	REVISIONS	
NOTE BOOK NO.	DESIGNED	TGB
	DRAWN	JRR
NO.	CHECKED	KRK
	DATE	12/18/2019

SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	STP FUNDS		
						80% FED 20% VILLAGE		100% VILLAGE
						ROADWAY 0004		
						THOMPSON BOULEVARD	BRANDYWYN LANE	NON- PARTICIPATING
X		X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	857	563	294	
X		X2080250	TRENCH BACKFILL, SPECIAL	CU YD	532	261	254	17
X		X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	300	150	150	
X		X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	74	39	30	5
X		X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	3		3	
X		X4023000	TEMPORARY ACCESS (ROAD)	EACH	20	9	11	
X		X4240800	DETECTABLE WARNINGS (SPECIAL)	SQ FT	774	372	402	
X		X6013600	PIPE UNDERDRAINS 4" (MODIFIED)	FOOT	3310	1664	1646	
X		X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	9	4	4	1
X		X6026051	SANITARY MANHOLES TO BE RECONSTRUCTED	EACH	4	1	3	
X		X6040205	FRAMES AND LIDS, SPECIAL	EACH	14	5	3	6
X		X6061700	COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)	FOOT	350			350
X		X6064200	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)	FOOT	10660	5376	5184	100
X		X6065750	CONCRETE MEDIAN SURFACE, 6 INCH (SPECIAL)	SQ FT	23	23		
X		X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0.5	0.5	
X		X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	1033	671	362	

MODEL: SMOBELMAMES
FILE NAME: ...321.ctb



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SHEET 6 OF 7 SHEETS STA TO STA

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	9
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	NOTE BOOK NO.	CHECKED	DATE
SURVEY	CHECKED	DATE	BY
PROFILE	NOTE BOOK NO.	CHECKED	DATE

PROFILE	NOTE BOOK NO.	CHECKED	DATE
SURVEY	CHECKED	DATE	BY
STRUCTURE	NOTATION	CHECKED	DATE

SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	STP FUNDS		
						80% FED 20% VILLAGE		100% VILLAGE
						ROADWAY 0004		
						THOMPSON BOULEVARD	BRANDYWYN LANE	NON- PARTICIPATING
X		XX001342	DOMESTIC WATER SERVICE BOX TO BE REPLACED	EACH	18	7	5	6
X		XX006821	CONCRETE TRUCK WASHOUT	L SUM	1	0.5	0.5	
X		Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.5	0.5	
X		Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	24	13	9	2
X		Z0017700	DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED	EACH	4	1	3	
X		Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	489	232	257	
X		Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	5522	2694	2828	
X		Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	849	521	328	
*		Z0062456	TEMPORARY PAVEMENT	SQ YD	117	82	35	
X	X	Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	4	2	2	
#	X	Z0076600	TRAINEES	HOUR	500	250	250	
#	X	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	250	250	

CONSTRUCTION TYPE CODE 0042

MODEL: 41002ELMANS
FILE NAME: ...3323_C1_SUM.dgn



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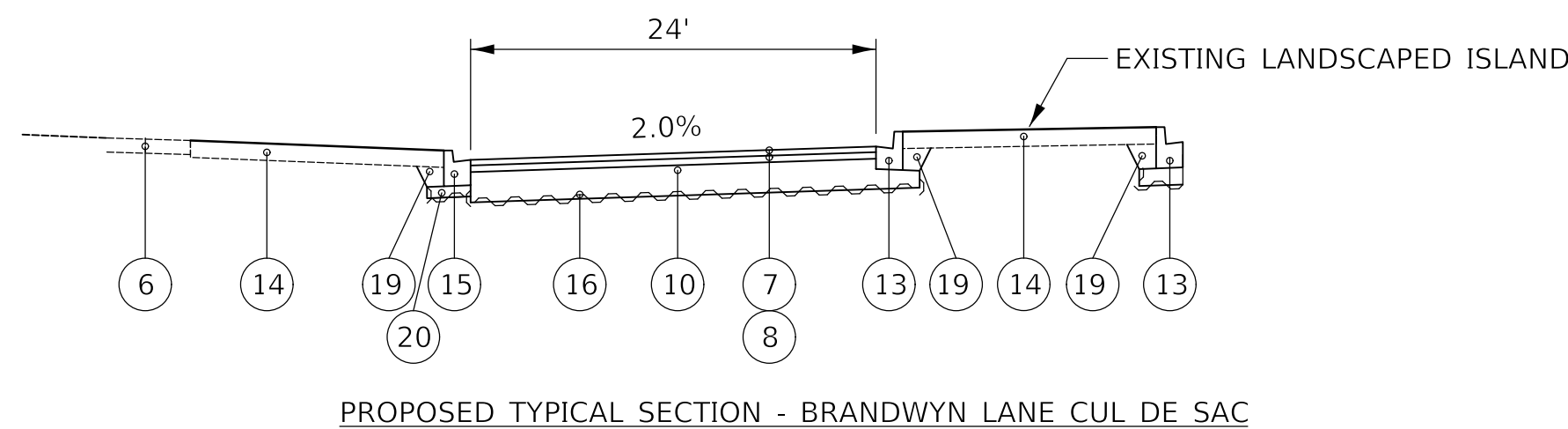
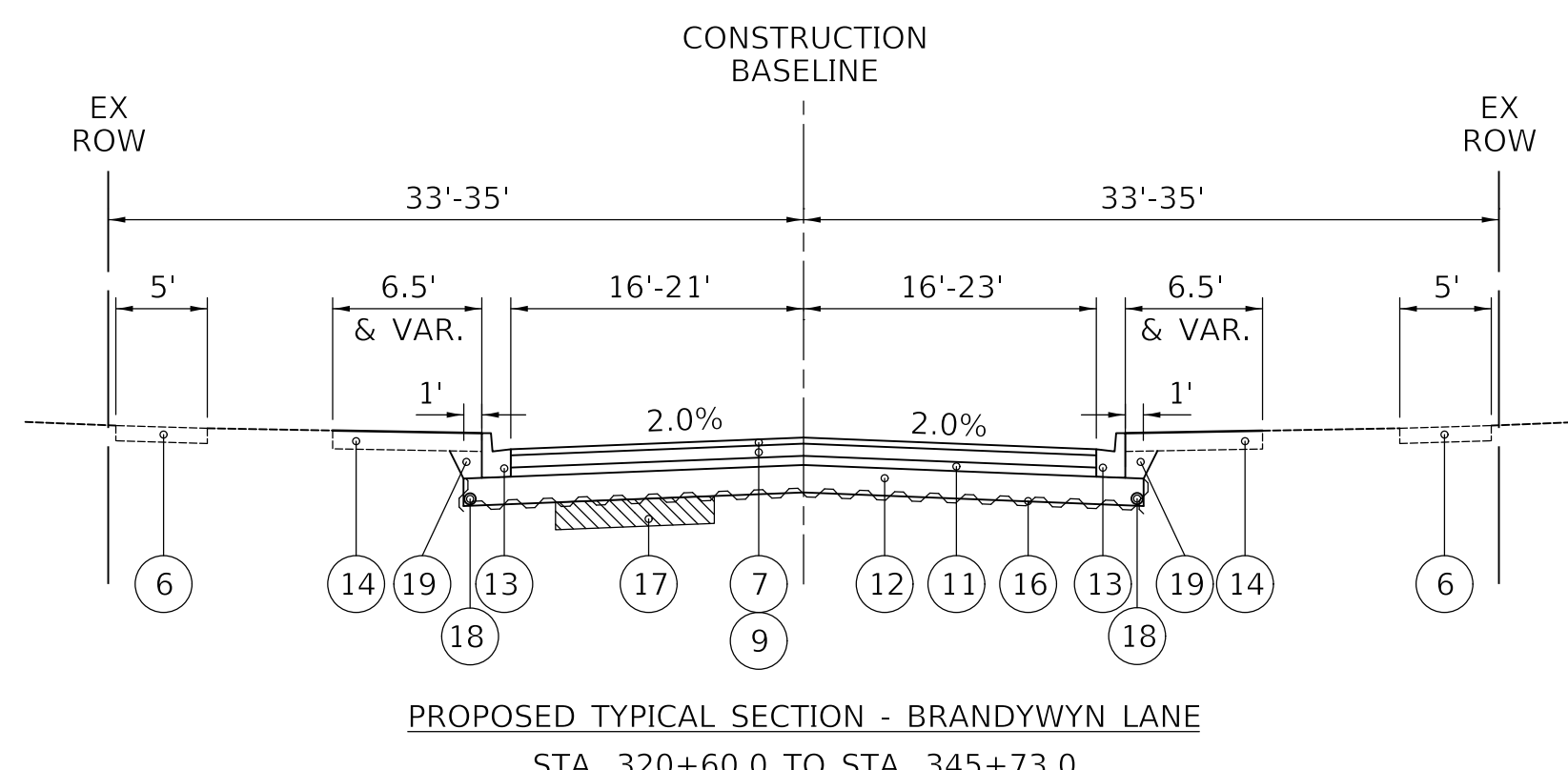
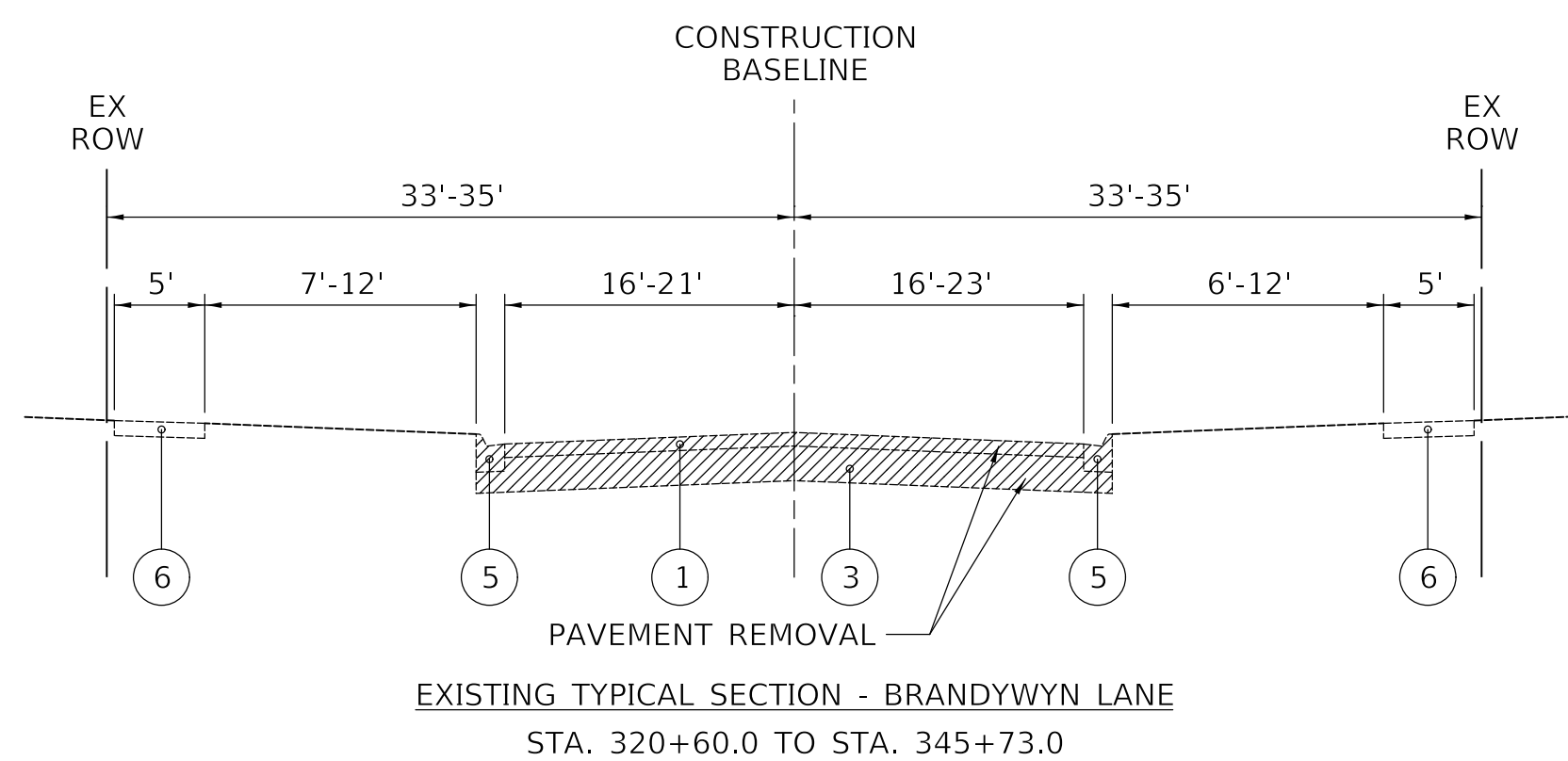
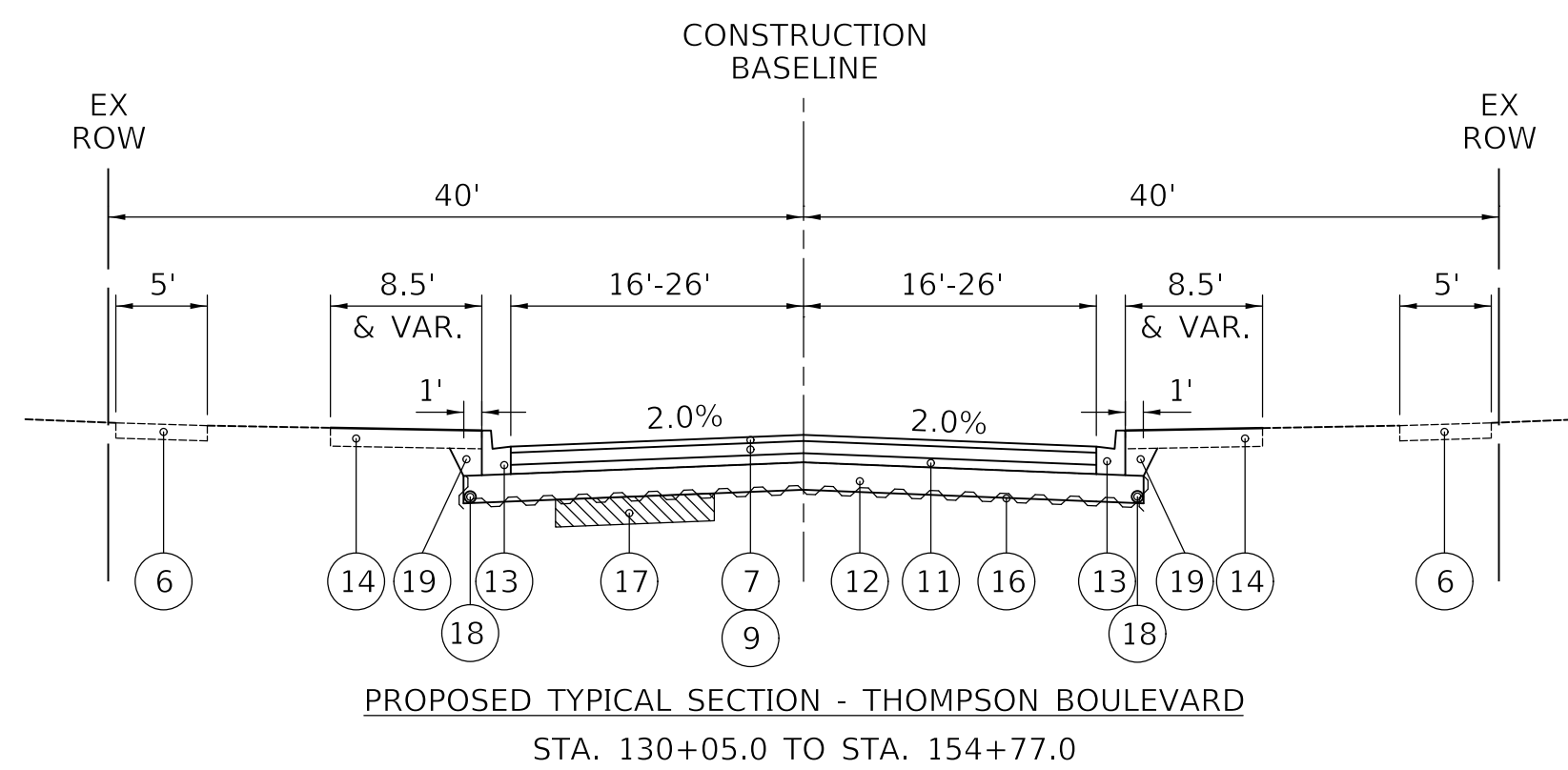
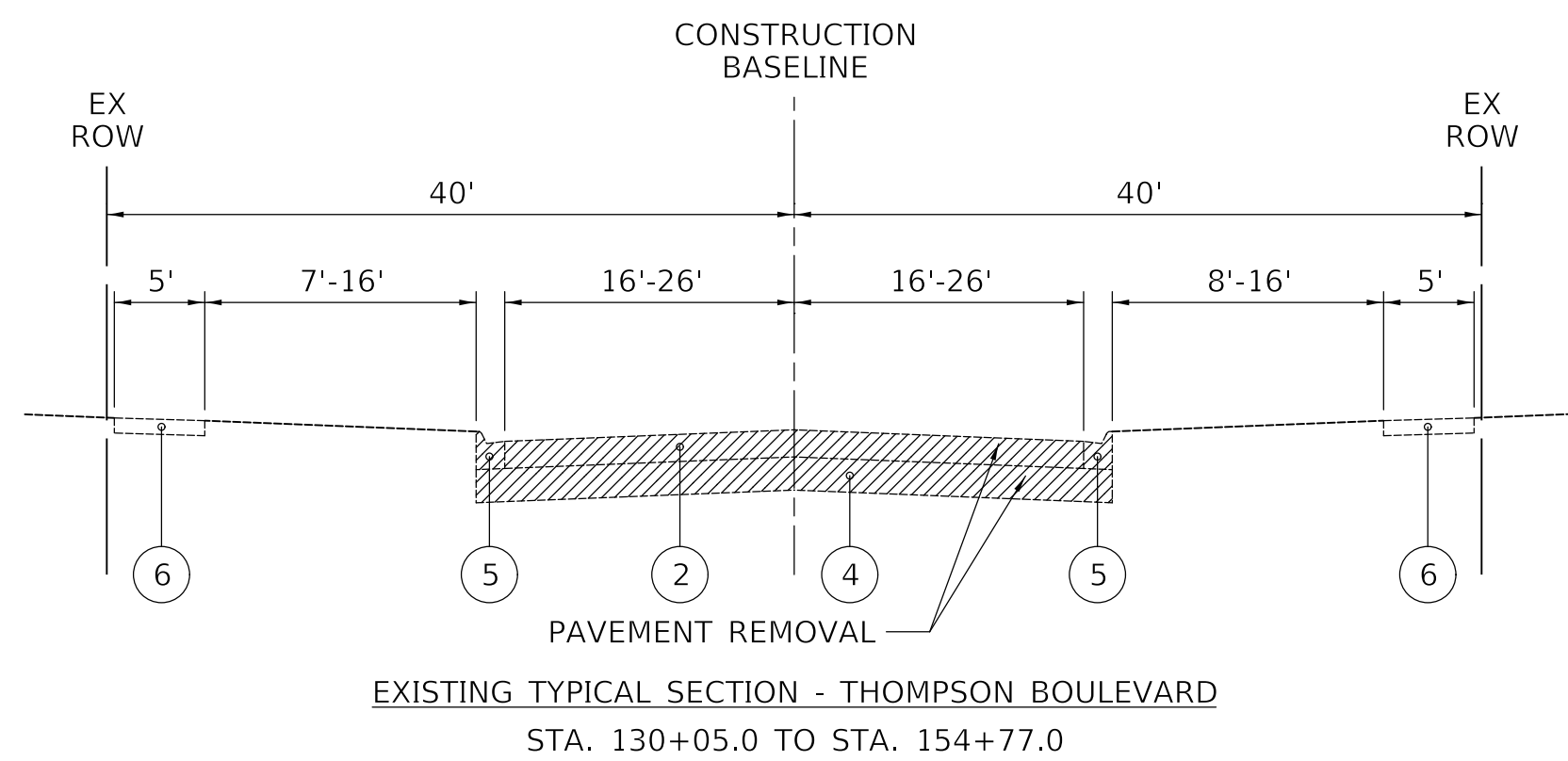
SUMMARY OF QUANTITIES

SHEET 7 OF 7 SHEETS STA TO STA

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	10
ILLINOIS FED AID PROJECT			CONTRACT NO 61G31	

DATE	
BY	
PLAN	
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NOTE BOOK NO.	
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DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
GRADES CHECKED	
NOTE BOOK NO.	
FILE NAME	



LEGEND

- ① EXISTING HOT-MIX ASPHALT PAVEMENT, THICKNESS VARIES FROM 3-1/2" TO 5-1/4" (SMC GEOTECHNICAL INVESTIGATION, Dated 1/11/2016)
- ② EXISTING HOT-MIX ASPHALT PAVEMENT, THICKNESS VARIES FROM 6-1/4" TO 9-3/4" (SMC GEOTECHNICAL INVESTIGATION, Dated 1/11/2016)
- ③ EXISTING POZOLANIC AGGREGATE MIXTURE, THICKNESS VARIES FROM 10-3/4" TO 11-1/2" (SMC GEOTECHNICAL INVESTIGATION, Dated 1/11/2016)
- ④ EXISTING POZOLANIC AGGREGATE MIXTURE, THICKNESS VARIES FROM 8-1/4" TO 15-1/2" (SMC GEOTECHNICAL INVESTIGATION, Dated 1/11/2016)
- ⑤ EXISTING MOUNTABLE CURB AND GUTTER
- ⑥ EXISTING PORTLAND CEMENT CONCRETE SIDEWALK

REMOVAL ITEMS

- ⑦ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"
- ⑧ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2.5"
- ⑨ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4"
- ⑩ PROPOSED AGGREGATE BASE COURSE, TYPE B 9"
- ⑪ PROPOSED AGGREGATE BASE COURSE, TYPE B 3"
- ⑫ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT 12"
- ⑬ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)
- ⑭ PROPOSED TOPSOIL PLACEMENT 4", SEEDING, CLASS 1A
- ⑮ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-4.12 (PAID FOR AS COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL))
- ⑯ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑰ UNDERCUT (EXACT LOCATIONS TO BE DETERMINED BY ENGINEER)
- ⑱ PROPOSED PIPE UNDERDRAINS, 4" (MODIFIED) (SEE NOTE 1)
- ⑲ PROPOSED TRENCH BACKFILL, SPECIAL
- ⑳ PROPOSED AGGREGATE BASE COURSE, TYPE B 4"

NOTES:

1. UNDERDRAINS AT THE OUTSIDE EDGE OF PAVEMENT TO BE INSTALLED FOR 50' ON EACH SIDE OF CURB LINE DRAINAGE STRUCTURES TO DRAIN THE AGGREGATE SUBGRADE. TRANSVERSE UNDERDRAINS WILL BE INSTALLED AT THE LOW POINTS OF THE PROFILE AND AT ANY UNDERCUTS DETERMINED IN THE FIELD.
2. GEOTECHNICAL REPORTS ARE AVAILABLE FROM THE VILLAGE OF BUFFALO GROVE REPRESENTATIVE.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

PAY ITEM	PERCENT AIR VOIDS @ Ndes.
PAVEMENT RECONSTRUCTION - THOMPSON BLVD & BRANDYWYN LN	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5mm); 2"	3.5% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 4"	3.5% @ 50 GYR.
CUL DE SAC PAVEMENT RECONSTRUCTION	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5mm); 2"	3.5% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 2-1/2"	3.5% @ 50 GYR.
CLASS D PATCHES, 4"	
CLASS D PATCH (HMA BINDER IL-19 MM); 4"	4% @ 70 GYR.
TEMPORARY PAVEMENT	
TEMPORARY PAVEMENT (HMA BINDER, IL-19.0), 6"	4% @ 70 GYR.

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LB/SY-IN.
2. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.
3. FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY SPECIAL PROVISIONS.
4. LONGITUDINAL JOINT SEALANT SHALL BE PLACED AT PAVEMENT JOINT LINES, UNDER THE SURFACE LIFT.

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DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SHEET 1 OF 1 SHEETS

FAU RTE 3260 2060	SECTION 16-00106-01-R5	COUNTY LAKE	TOTAL SHEETS 121	SHEET NO 11
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK NO.	CHECKED	
	ALIGNMENT	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK NO.	CHECKED	
	GRADES	
	STRUCTURE	
	NOTARIS	

1 SCHEDULE OF PERIMETER EROSION BARRIER (28000400)			
ROAD	STATION		LENGTH (FOOT)
	FROM	TO	
THOMPSON BOULEVARD	130+05	134+00	
	134+00	142+00	
	142+00	154+77	
BRANDYWYN LANE	320+60	329+00	
	329+00	345+73	417
PROJECT TOTAL			417

2 SCHEDULE OF PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH (42300400)			
ROAD	STATION		AREA (SQ YD)
	FROM	TO	
THOMPSON BOULEVARD	130+05	134+00	
	134+00	139+00	
	139+00	144+00	
	144+00	148+00	
	148+00	153+00	
BRANDYWYN LANE	320+60	324+00	
	324+00	329+00	
	329+00	334+00	126
	334+00	339+00	
	339+00	344+00	
344+00	345+73		
PROJECT TOTAL			126

3 SCHEDULE OF PROPOSED STORM SEWER					
ROAD	STATION		PIPE #	550A0340	Z0056608
	FROM	TO		SS, CL A, TY 2, 12"	STORM SEW WM REQ 12
				(FOOT)	(FOOT)
THOMPSON BOULEVARD	130+05	134+00	1		32
			2		72
	134+00	139+00	3		54
			4		32
			5		19
	139+00	144+00	6		27
			7	32	
			8		52
	144+00	148+00	9		21
			10		39
	148+00	153+00	-		
			11		35
			12		97
153+00	154+77	13		41	
		-			
BRANDYWYN LANE	320+60	324+00	-		
			14		50
	324+00	329+00	15		32
			16		71
			17		36
			18		7
			19		46
			20		32
	329+00	334+00	21		4
	334+00	339+00	-		
			22		25
	339+00	344+00	23		25
			-		
344+00	345+73	-			
PROJECT TOTAL				32	849

4 SCHEDULE OF STORM SEWER REMOVAL				
ROAD	STATION		55100500	55101100
	FROM	TO	SS REM 12"	SS REM 21"
			(FOOT)	(FOOT)
THOMPSON BOULEVARD	130+05	134+00	118	
	134+00	139+00	57	
	139+00	144+00	49	
	144+00	148+00	5	
	148+00	153+00		
BRANDYWYN LANE	153+00	154+77	40	
	320+60	324+00		
	324+00	329+00	199	75
	329+00	334+00	8	
	334+00	339+00		
	339+00	344+00		
344+00	345+73			
PROJECT TOTAL			476	75

MODEL: S:\MODEL\NAMES
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DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SHEET 1 OF 4 SHEETS STA TO STA

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	12
CONTRACT NO 61G31				
ILLINOIS		FED AID PROJECT		

PLAN	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK NO.	CHECKED	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK NO.	CHECKED	
	FILE NAME	

5		SCHEDULE OF PROPOSED DRAINAGE STRUCTURES AND STRUCTURE ADJUSTMENTS																
ROAD	STATION		STRUCTURE #	STATION	OFFSET	60200105	60201105	60206905	60218400	60236800	60404800	60406100	X6026050	X6026051	Z0017400	Z0017700		
	FROM	TO				CB TA 4 DIA T1F OL	CB TA 4 DIA T11 F&G	CB TC T1F OL	MAN TA 4 DIA T1F CL	INLETS TA T11 F&G	FR & GRATES T11	FR & LIDS T1 CL	SAN MH TO BE ADJ	SAN MH TO BE REC	D&U STRUC TO BE ADJ	D&U STRUC TO BE REC		
	(EACH)	(EACH)				(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	
THOMPSON BOULEVARD	130+05	134+00	1	131+77.8	48.5' RT							1	1					
			2	131+61.1	16.0' RT		1											
			3	131+61.2	16.0' LT					1								
			4	131+74.9	28.5' RT							1		1				
			5	132+36.6	26.8' RT					1								
			6	133+34.2	23.0' LT								1				1	
	134+00	139+00	7	134+71.3	43.4' LT					1								
			8	135+23.4	16.0' LT		1											
			9	135+23.7	16.0' RT							1					1	
			10	135+45.8	16.0' LT			1										
			11	135+45.8	16.0' RT					1								
	139+00	144+00	12	139+41.7	43.1' RT							1					1	
			13	140+86.2	16.0' LT			1										
			14	140+82.2	16.0' RT							1						1
			15	141+17.9	16.0' LT			1										
			16	141+17.9	16.0' RT					1								
			17	142+38.8	32.6' RT								1			1		
			18	142+48.6	42.9' RT							1					1	
			19	142+79.6	28.0' RT			1										
	144+00	148+00	20	143+00.2	16.0' LT					1								
			21	145+60.0	23.2' RT							1					1	
			22	145+60.0	23.2' RT								1		1			
			23	146+02.6	23.9' RT							1					1	
			24	145+97.1	31.8' LT							1					1	
			25	145+98.5	16.8' LT					1								
			26	146+25.0	16.0' LT				1									
	148+00	153+00	27	146+50.0	16.0' RT					1								
			28	148+24.3	21.2' LT							1					1	
			29	148+74.6	16.0' RT							1					1	
			30	149+22.7	24.7' LT							1					1	
			31	150+47.7	21.0' RT								1		1			
			32	151+14.1	24.5' LT								1					1
	153+00	154+77	33	153+51.7	43.4' RT							1				1		
			34	153+77.6	43.4' RT							1				1		
			35	153+64.2	16.0' LT				1									
			36	153+72.5	20.8' RT					1								
			37	154+73.0	20.0' RT				1									
			38	154+73.0	20.6' LT						1							
THOMPSON BOULEVARD SUBTOTAL						0	9	0	3	7	12	7	4	1	13	1		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SHEET 2 OF 4 SHEETS STA TO STA

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	13
CONTRACT NO 61G31				
ILLINOIS		FED AID PROJECT		

PLAN	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK NO.	CHECKED	DATE
	FILE NAME	BY

PROFILE	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK NO.	CHECKED	DATE
	FILE NAME	BY

5		SCHEDULE OF PROPOSED DRAINAGE STRUCTURES AND STRUCTURE ADJUSTMENTS																
ROAD	STATION		STRUCTURE #	STATION	OFFSET	60200105	60201105	60206905	60218400	60236800	60404800	60406100	X6026050	X6026051	Z0017400	Z0017700		
	FROM	TO				CB TA 4 DIA T1F OL	CB TA 4 DIA T1F F&G	CB TC T1F OL	MAN TA 4 DIA T1F CL	INLETS TA T11 F&G	FR & GRATES T11	FR & LIDS T1 CL	SAN MH TO BE ADJ	SAN MH TO BE REC	D&U STRUC TO BE ADJ	D&U STRUC TO BE REC		
	(EACH)	(EACH)				(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	
BRANDYWYN LANE	320+60	324+00																
	324+00	329+00	39	324+25.8	21.7' LT					1								
			40	324+66.5	24.6' LT						1		1					
			41	324+78.7	16.0' LT			1										
			42	324+78.7	16.0' RT					1								
			43	327+00.2	17.7' LT					1								
			44	327+08.8	26.0' RT	1												
			45	327+14.4	16.0' RT			1										
			46	327+48.0	24.5' LT							1		1				
			47	327+61.4	16.3' LT			1										
			48	327+64.0	16.0' RT			1										
	329+00	334+00	49	328+60.4	18.5' RT							1				1		
			50	328+88.0	25.8' RT							1					1	
			51	330+59.1	24.5' LT			1										
			52	330+61.8	30.4' LT				1									
			53	330+85.8	16.0' LT						1						1	
	334+00	339+00	54	330+85.6	16.0' RT						1					1		
			55	331+08.4	21.6' RT							1		1				
			56	334+54.0	21.1' LT							1		1				
			57	334+69.9	16.0' LT						1					1		
			58	335+17.2	25.0' RT							1					1	
			59	334+44.4	147.0' RT							1		1				
	339+00	344+00	60	334+79.1	49.0' RT						1					1		
			61	335+05.2	49.7' RT						1					1		
62			337+85.5	16.0' LT						1					1			
63			339+37.5	18.2' LT							1		1					
64			340+30.0	16.0' LT					1									
65			340+57.9	16.0' LT			1											
66			340+30.0	16.0' RT					1									
67			340+57.4	16.2' RT			1									1		
344+00	345+73	68	341+03.6	33.3' LT							1					1		
		69	341+46.1	25.9' LT							1		1					
		70	343+29.6	16.0' LT						1					1			
		71	343+29.2	16.0' RT						1					1			
		72	344+28.9	29.8' LT							1				1			
		73	344+31.4	31.6' RT							1				1			
		74	344+88.5	22.1' LT							1		1					
BRANDYWYN LANE SUBTOTAL						1	6	1	1	5	8	14	5	3	11	3		
PROJECT TOTAL						1	15	1	4	12	20	21	9	4	24	4		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SHEET 3 OF 4 SHEETS STA TO STA

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	14
CONTRACT NO 61G31				
ILLINOIS		FED AID PROJECT		

PLAN	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK NO.	ALIGNMENT CHECKED		
	GRADES CHECKED		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK NO.	GRADES CHECKED		
	STRUCTURE NOTATION CHECKED		

6	SCHEDULE OF DRAINAGE STRUCTURE REMOVAL					
	ROAD	STATION		60500040	60500050	60500060
		FROM	TO	REMOVING MANHOLES (EACH)	REMOVING CATCH BASINS (EACH)	REMOVING INLETS (EACH)
THOMPSON BOULEVARD	130+05	134+00	1	1	1	
	134+00	139+00			2	
	139+00	144+00			3	
	144+00	148+00				
	148+00	153+00				
BRANDYWYN LANE	153+00	154+77			1	
	320+60	324+00				
	324+00	329+00	1	1	4	
	329+00	334+00				
	334+00	339+00				
	339+00	344+00		1	1	
	344+00	345+73				
PROJECT TOTAL			2	3	12	

7	SCHEDULE OF DOMESTIC WATER SERVICE BOX REPLACEMENT				
	ROAD	STATION		X6040205	XX001342
		FROM	TO	FRAMES AND LID, SPECIAL (EACH)	DOM WAT SRV BOX TO BE REPLACED (EACH)
THOMPSON BOULEVARD	130+05	134+00			
	134+00	139+00		2	
	139+00	144+00	1	1	
	144+00	148+00			
	148+00	153+00	1	1	
	153+00	154+77	3	3	
BRANDYWYN LANE	320+60	324+00	1	1	
	324+00	329+00			
	329+00	334+00			
	334+00	339+00		1	
	339+00	344+00	2	3	
	344+00	345+73			
PROJECT TOTAL			8	12	

8	SCHEDULE OF CONCRETE MEDIAN SURFACE, 6 INCH (SPECIAL) (X6065750)			
	ROAD	STATION		AREA
		FROM	TO	(SQ FT)
THOMPSON BOULEVARD	130+05	134+00		
	134+00	139+00		
	139+00	144+00		
	144+00	148+00		
	148+00	153+00	23	
BRANDYWYN LANE	153+00	154+77		
	320+60	324+00		
	324+00	329+00		
	329+00	334+00		
	334+00	339+00		
	339+00	344+00		
	344+00	345+73		
PROJECT TOTAL			23	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SHEET 4 OF 4 SHEETS STA TO STA

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	15
CONTRACT NO 61G31				
		ILLINOIS	FED AID PROJECT	

PLAN	SURVEYED	DATE
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NOTE BOOK NO.	ALIGNMENT CHECKED	
	CADD FILE NAME	

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

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THOMPSON BOULEVARD ROADWAY BREAKDOWN										
STATION	DISTANCE	EARTH EXCAVATION (CUT)	TOPSOIL EXCAVATION	FURNISHED EXCAVATION (FILL)	EARTH EXCAVATION	TOPSOIL EXCAVATION	FURNISHED EXCAVATION	EARTH EXCAVATION	TOPSOIL EXCAVATION	FURNISHED EXCAVATION
(XX+XX)	(FT)	(SQ FT)	(SQ FT)	(SQ FT)	AVG. (SQ FT)	AVG. (SQ FT)	AVG. (SQ FT)	(CU FT)	(CU FT)	(CU FT)
130+05		37.4	12.0	7.9						
	45				40	11	7	1,794	479	308
130+50		42.3	9.3	5.8						
	50				50	5	4	2,506	233	184
131+00		57.9		1.5						
	50				54	5	2	2,702	232	122
131+50		50.2	9.3	3.4						
	50				53	5	2	2,653	232	84
132+00		56.0								
	50				31	5	6	1,534	225	300
132+50		5.4	9.0	12.0						
	50				6	8	10	299	382	484
133+00		6.6	6.3	7.4						
	50				8	8	8	391	418	396
133+50		9.1	10.4	8.5						
	50				12	9	7	610	462	340
134+00		15.3	8.0	5.1						
	50				17	12	6	853	600	283
134+50		18.8	15.9	6.2						
	50				26	10	4	1,288	485	190
135+00		32.7	3.5	1.4						
	50				28	8	3	1,414	401	160
135+50		23.8	12.6	5.0						
	50				25	13	4	1,244	626	219
136+00		25.9	12.5	3.8						
	50				24	8	4	1,204	419	185
136+50		22.2	4.3	3.6						
	50				19	8	4	932	418	200
137+00		15.1	12.5	4.4						
	50				15	12	5	745	618	260
137+50		14.7	12.2	6.0						
	50				15	10	6	745	514	278
138+00		15.1	8.3	5.1						
	50				17	10	5	826	518	247
138+50		18.0	12.4	4.7						
	50				19	14	7	926	717	372
139+00		19.1	16.3	10.1						
	50				19	10	7	935	509	325
139+50		18.3	4.0	2.9						
	50				20	6	4	982	305	194
140+00		21.0	8.2	4.9						
	50				20	8	5	993	416	258
140+50		18.8	8.5	5.4						
	50				17	10	8	828	497	400
141+00		14.4	11.4	10.5						
	50				21	8	7	1,065	386	342
141+50		28.2	4.0	3.2						
	50				27	6	4	1,357	309	189
142+00		26.1	8.3	4.4						
	50				24	6	3	1,190	312	172
142+50		21.5	4.1	2.4						
	50				24	4	3	1,188	204	134
143+00		26.0	4.0	2.9						
	50				26	6	3	1,322	304	154
143+50		26.9	8.1	3.3						

THOMPSON BOULEVARD ROADWAY BREAKDOWN											
STATION	DISTANCE	EARTH EXCAVATION (CUT)	TOPSOIL EXCAVATION	FURNISHED EXCAVATION (FILL)	EARTH EXCAVATION	TOPSOIL EXCAVATION	FURNISHED EXCAVATION	EARTH EXCAVATION	TOPSOIL EXCAVATION	FURNISHED EXCAVATION	
(XX+XX)	(FT)	(SQ FT)	(SQ FT)	(SQ FT)	AVG. (SQ FT)	AVG. (SQ FT)	AVG. (SQ FT)	(CU FT)	(CU FT)	(CU FT)	
	50				25	10	4	1,243	514	196	
144+00		22.8	12.4	4.6							
	50				22	12	5	1,097	620	234	
144+50		21.1	12.4	4.8							
	50				19	12	5	971	598	264	
145+00		17.8	11.6	5.8							
	50				16	14	7	795	697	367	
145+50		14.0	16.3	8.9							
	50				13	9	7	655	473	371	
146+00		12.1	2.6	5.9							
	50				13	5	5	658	272	272	
146+50		14.2	8.3	4.9							
	50				15	12	6	728	617	295	
147+00		14.9	16.4	6.9							
	50				16	12	6	794	621	300	
147+50		16.8	8.4	5.2							
	50				17	10	6	856	522	320	
148+00		17.4	12.5	7.6							
	50				21	12	7	1,074	612	328	
148+50		25.5	12.0	5.5							
	50				22	10	18	1,092	516	916	
149+00		18.2	8.6	31.2							
	50				18	10	18	908	522	917	
149+50		18.2	12.3	5.5							
	50				18	10	5	896	521	265	
150+00		17.7	8.6	5.1							
	50				20	6	4	990	284	194	
150+50		21.9	2.8	2.7							
	50				21	3	3	1,066	152	146	
151+00		20.7	3.3	3.2							
	50				21	6	4	1,073	290	194	
151+50		22.2	8.3	4.5							
	50				28	6	4	1,407	309	184	
152+00		34.1	4.1	2.8							
	50				31	6	4	1,533	313	179	
152+50		27.2	8.4	4.3							
	50				20	8	5	1,004	422	245	
153+00		12.9	8.5	5.5							
	50				17	8	9	859	416	447	
153+50		21.4	8.2	12.4							
	50				15	7	9	749	358	473	
154+00		8.6	6.1	6.5							
	50				12	6	5	614	307	227	
154+50		16.0	6.1	2.6							
	27				15	6	3	394	173	90	
154+77		13.2	6.7	4.1							
								THOMPSON BLVD SUBTOTAL (CU. FT.)	53,980	21,353	14,206
								THOMPSON BLVD SUBTOTAL (CU. YD.)	2,000	791	527

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
SHEET 5 OF 7 SHEETS	STA	TO STA	

FAU RTE 3260 2060	SECTION 16-00106-01-R5	COUNTY LAKE	TOTAL SHEETS 121	SHEET NO 16
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

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	STRUCTURE NOTATION CHECKED	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
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NOTE BOOK NO.	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	

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FILE NAME: ...13211_C1_Earthwork.dgn

BRANDYWYN LANE ROADWAY BREAKDOWN										
STATION	DISTANCE	EARTH EXCAVATION (CUT)	TOPSOIL EXCAVATION	FURNISHED EXCAVATION (FILL)	EARTH EXCAVATION	TOPSOIL EXCAVATION	FURNISHED EXCAVATION	EARTH EXCAVATION	TOPSOIL EXCAVATION	FURNISHED EXCAVATION
(XX+XX)	(FT)	(SQ FT)	(SQ FT)	(SQ FT)	AVG. (SQ FT)	AVG. (SQ FT)	AVG. (SQ FT)	(CU FT)	(CU FT)	(CU FT)
320+60		40.1	9.2	6.0						
	40				40	8	5	1,612	328	219
321+00		40.5	7.2	4.9						
	50				50	4	2	2,523	179	124
321+50		60.4								
	50				49	5	2	2,470	227	96
322+00		38.3	9.1	3.8						
	50				36	8	4	1,813	381	194
322+50		34.2	6.2	3.9						
	50				31	6	4	1,530	319	204
323+00		27.0	6.6	4.2						
	50				24	8	5	1,224	396	270
323+50		21.9	9.2	6.6						
	50				19	10	6	968	477	322
324+00		16.8	9.8	6.3						
	50				20	5	4	989	246	176
324+50		22.8		0.8						
	50				23	5	4	1,144	229	185
325+00		23.0	9.2	6.7						
	50				26	8	5	1,293	391	269
325+50		28.7	6.5	4.1						
	50				30	7	4	1,480	325	204
326+00		30.5	6.5	4.1						
	50				29	8	5	1,455	394	236
326+50		27.7	9.2	5.4						
	50				26	9	6	1,313	459	319
327+00		24.8	9.2	7.4						
	50				28	9	6	1,413	444	288
327+50		31.7	8.6	4.2						
	50				29	9	5	1,469	446	252
328+00		27.1	9.3	5.9						
	50				31	6	4	1,547	314	217
328+50		34.8	3.3	2.8						
	50				34	5	4	1,686	249	182
329+00		32.6	6.7	4.5						
	50				35	5	4	1,732	241	179
329+50		36.7	3.0	2.7						
	50				38	4	3	1,897	222	160
330+00		39.2	5.9	3.7						
	50				38	7	4	1,925	374	209
330+50		37.8	9.1	4.7						
	50				36	8	4	1,808	387	218
331+00		34.5	6.4	4.1						
	50				38	5	4	1,906	238	176
331+50		41.7	3.1	3.0						
	50				40	4	3	2,009	209	141
332+00		38.7	5.3	2.7						
	50				37	7	3	1,867	345	170
332+50		36.0	8.6	4.2						
	50				37	7	4	1,840	346	193
333+00		37.6	5.3	3.5						
	50				39	5	3	1,936	245	160
333+50		39.9	4.5	2.9						
	50				40	6	3	1,993	305	171
334+00		39.8	7.7	4.0						

BRANDYWYN LANE ROADWAY BREAKDOWN										
STATION	DISTANCE	EARTH EXCAVATION (CUT)	TOPSOIL EXCAVATION	FURNISHED EXCAVATION (FILL)	EARTH EXCAVATION	TOPSOIL EXCAVATION	FURNISHED EXCAVATION	EARTH EXCAVATION	TOPSOIL EXCAVATION	FURNISHED EXCAVATION
(XX+XX)	(FT)	(SQ FT)	(SQ FT)	(SQ FT)	AVG. (SQ FT)	AVG. (SQ FT)	AVG. (SQ FT)	(CU FT)	(CU FT)	(CU FT)
	50				40	9	4	1,994	467	177
334+50		39.9	11.0	3.1						
	50				43	7	4	2,146	341	221
335+00		45.9	2.7	5.7						
	50				42	5	5	2,113	266	257
335+50		38.6	8.0	4.5						
	50				43	6	4	2,137	281	179
336+00		46.9	3.2	2.6						
	50				44	6	3	2,196	283	166
336+50		41.0	8.1	4.0						
	50				41	7	3	2,027	340	167
337+00		40.1	5.5	2.7						
	50				43	4	2	2,141	213	117
337+50		45.6	3.0	2.0						
	50				42	7	3	2,113	352	145
338+00		39.0	11.1	3.8						
	50				39	10	4	1,941	480	186
338+50		38.7	8.1	3.7						
	50				39	7	4	1,962	339	180
339+00		39.8	5.4	3.6						
	50				39	4	3	1,966	225	168
339+50		38.8	3.6	3.2						
	50				40	3	3	1,986	158	142
340+00		40.6	2.8	2.5						
	50				35	7	4	1,751	329	224
340+50		29.4	10.4	6.4						
	50				47	8	4	2,364	413	217
341+00		65.1	6.1	2.2						
	50				52	4	2	2,607	222	108
341+50		39.1	2.8	2.1						
	50				34	5	4	1,688	269	180
342+00		28.4	8.0	5.1						
	50				29	8	5	1,452	381	231
342+50		29.7	7.3	4.1						
	50				28	6	4	1,396	323	203
343+00		26.2	5.6	4.0						
	50				25	6	4	1,244	282	203
343+50		23.6	5.6	4.1						
	50				26	8	5	1,284	394	274
344+00		27.8	10.1	6.8						
	50				35	5	3	1,768	254	170
344+50		42.9								
	50				37	3	2	1,854	163	110
345+00		31.2	6.5	4.4						
	50				32	6	4	1,617	313	212
345+50		33.4	6.0	4.1						
	23				31	6	4	710	130	91
345+73		28.3	5.3	3.8						
BRANDYWYN LN SUBTOTAL (CU. FT.)								89,299	15,935	9,863
BRANDYWYN LN SUBTOTAL (CU. YD.)								3,308	591	366

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES	
SHEET 6 OF 7 SHEETS	STA TO STA

FAU RTE 3260 2060	SECTION 16-00106-01-R5	COUNTY LAKE	TOTAL SHEETS 121	SHEET NO 17
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK NO.	ALIGNMENT CHECKED		
	FIELD FILE NAME		

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

THOMPSON BOULEVARD EARTHWORK SUMMARY				
	EARTH EXCAVATION (CU YD)	TOPSOIL EXCAVATED (CU YD)	FURNISHED EXCAVATION (CU YD)	REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL (CU YD)
ROADWAY SUBTOTAL (CU. YD.)	2,000	791	527	
SIDEWALK SUBTOTAL (CU. YD.)	107			
SUITABLE FILL TO BE REUSED (SHRINKAGE OF 15%) (CU. YD.)			-1,791	
UNDERCUT QUANTITY (CU. YD.)				948
TOPSOIL PLACEMENT (CU. YD.)		-556		
TOPSOIL TO BE HAULED OFF (CU. YD.)		-235		235
PROJECT TOTAL (CU. YD.)	2,107	0	0	1,183

BRANDYWYN LANE EARTHWORK SUMMARY				
	EARTH EXCAVATION (CU YD)	TOPSOIL EXCAVATED (CU YD)	FURNISHED EXCAVATION (CU YD)	REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL (CU YD)
ROADWAY SUBTOTAL (CU. YD.)	3,308	591	366	
CUL-DE-SAC SUBTOTAL (CU. YD.)	133	108	80	
SIDEWALK SUBTOTAL (CU. YD.)	122			
SUITABLE FILL TO BE REUSED (SHRINKAGE OF 15%) (CU. YD.)			-3,029	
UNDERCUT QUANTITY (CU. YD.)				919
TOPSOIL PLACEMENT (CU. YD.)		-402		
TOPSOIL TO BE HAULED OFF (CU. YD.)		-297		297
PROJECT TOTAL (CU. YD.)	3,563	0	0	1,216

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SCHEDULE OF QUANTITIES

SHEET 7 OF 7 SHEETS STA TO STA

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	18
CONTRACT NO 61G31				
ILLINOIS		FED AID PROJECT		

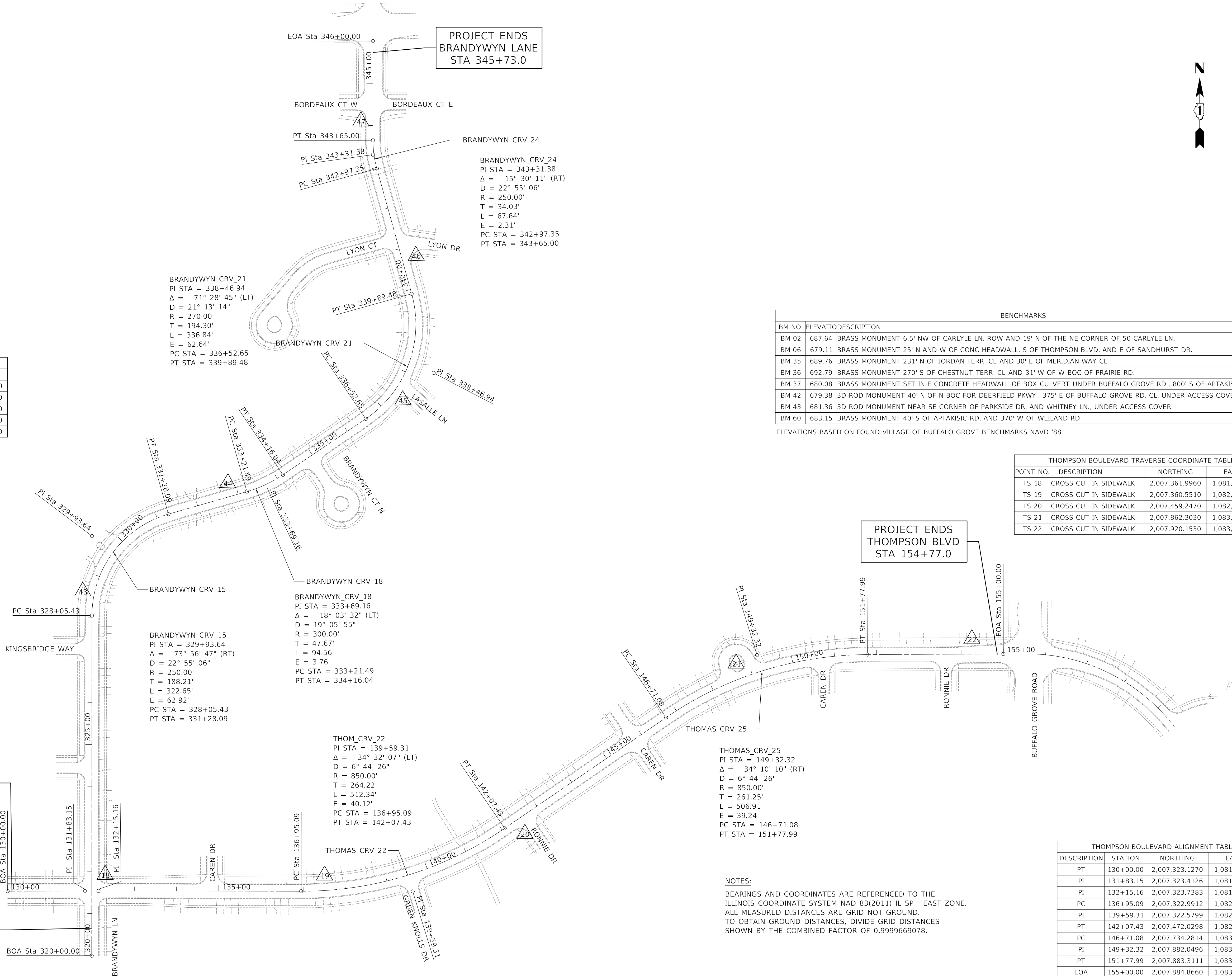
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PROFILE	SURVEYED	DATE
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	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	NO.	

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MATCH LINE STA 130+00
SEE ABOVE

POINT NO.	DESCRIPTION	NORTHING	EASTING
TS 43	CROSS CUT IN SIDEWALK	2,008,032.0900	1,081,780.9930
TS 44	CROSS CUT IN SIDEWALK	2,008,288.5590	1,082,124.3650
TS 45	CROSS CUT IN SIDEWALK	2,008,484.8150	1,082,539.1030
TS 46	CROSS CUT IN SIDEWALK	2,008,826.7320	1,082,570.3680
TS 47	CROSS CUT IN SIDEWALK	2,009,145.1540	1,082,439.6040

DESCRIPTION	STATION	NORTHING	EASTING
BOA	320+00.00	2,007,170.3289	1,081,803.3761
PC	328+05.43	2,007,975.7621	1,081,804.0353
PI	329+93.64	2,008,163.9677	1,081,804.1893
PT	331+28.09	2,008,215.8650	1,081,985.0982
PC	333+21.49	2,008,269.1952	1,082,171.0021
PI	333+69.16	2,008,282.3410	1,082,216.8270
PT	334+16.04	2,008,309.0447	1,082,256.3195
PC	336+52.65	2,008,441.5749	1,082,452.3205
PI	338+46.94	2,008,550.4088	1,082,613.2765
PT	339+89.48	2,008,737.5996	1,082,561.2068
PC	342+97.35	2,009,034.2086	1,082,478.7009
PI	343+31.38	2,009,066.9939	1,082,469.5812
PT	343+65.00	2,009,101.0240	1,082,469.5564
EOA	346+00.00	2,009,336.0251	1,082,469.3855



PROJECT BEGINS THOMPSON BLVD STA 130+05.0

PROJECT BEGINS BRANDYWYN LANE STA 320+60.0

PROJECT ENDS BRANDYWYN LANE STA 345+73.0

PROJECT ENDS THOMPSON BLVD STA 154+77.0

BM NO.	ELEVATION	DESCRIPTION
BM 02	687.64	BRASS MONUMENT 6.5' NW OF CARLYLE LN. ROW AND 19' N OF THE NE CORNER OF 50 CARLYLE LN.
BM 06	679.11	BRASS MONUMENT 25' N AND W OF CONC HEADWALL, S OF THOMPSON BLVD. AND E OF SANDHURST DR.
BM 35	689.76	BRASS MONUMENT 231' N OF JORDAN TERR. CL AND 30' E OF MERIDIAN WAY CL
BM 36	692.79	BRASS MONUMENT 270' S OF CHESTNUT TERR. CL AND 31' W OF W BOC OF PRAIRIE RD.
BM 37	680.08	BRASS MONUMENT SET IN E CONCRETE HEADWALL OF BOX CULVERT UNDER BUFFALO GROVE RD., 800' S OF APTAKISIC RD.
BM 42	679.38	3D ROD MONUMENT 40' N OF N BOC FOR DEERFIELD PKWY., 375' E OF BUFFALO GROVE RD. CL, UNDER ACCESS COVER
BM 43	681.36	3D ROD MONUMENT NEAR SE CORNER OF PARKSIDE DR. AND WHITNEY LN., UNDER ACCESS COVER
BM 60	683.15	BRASS MONUMENT 40' S OF APTAKISIC RD. AND 370' W OF WEILAND RD.

ELEVATIONS BASED ON FOUND VILLAGE OF BUFFALO GROVE BENCHMARKS NAVD '88

POINT NO.	DESCRIPTION	NORTHING	EASTING
TS 18	CROSS CUT IN SIDEWALK	2,007,361.9960	1,081,835.1363
TS 19	CROSS CUT IN SIDEWALK	2,007,360.5510	1,082,354.8510
TS 20	CROSS CUT IN SIDEWALK	2,007,459.2470	1,082,829.3480
TS 21	CROSS CUT IN SIDEWALK	2,007,862.3030	1,083,329.5490
TS 22	CROSS CUT IN SIDEWALK	2,007,920.1530	1,083,888.0090

NOTES:
BEARINGS AND COORDINATES ARE REFERENCED TO THE ILLINOIS COORDINATE SYSTEM NAD 83(2011) IL SP - EAST ZONE. ALL MEASURED DISTANCES ARE GRID NOT GROUND. TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINED FACTOR OF 0.9999669078.

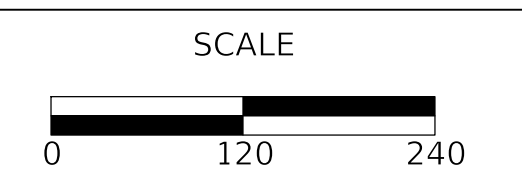
DESCRIPTION	STATION	NORTHING	EASTING
PT	130+00.00	2,007,323.1270	1,081,604.3512
PI	131+83.15	2,007,323.4126	1,081,787.5014
PI	132+15.16	2,007,323.7383	1,081,819.5134
PC	136+95.09	2,007,322.9912	1,082,299.4385
PI	139+59.31	2,007,322.5799	1,082,563.6568
PT	142+07.43	2,007,472.0298	1,082,781.5471
PC	146+71.08	2,007,734.2814	1,083,163.8965
PI	149+32.32	2,007,882.0496	1,083,379.3350
PT	151+77.99	2,007,883.3111	1,083,640.5774
EOA	155+00.00	2,007,884.8660	1,083,962.5853



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DEPARTMENT OF TRANSPORTATION



ALIGNMENT, TIES, & BENCHMARKS
BRANDYWYN LANE AND THOMPSON BOULEVARD

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-RS	LAKE	121	19
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

SHEET 1 OF 1 SHEETS

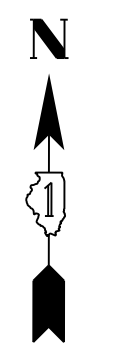
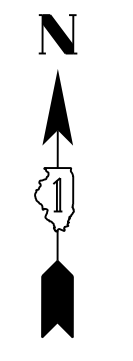
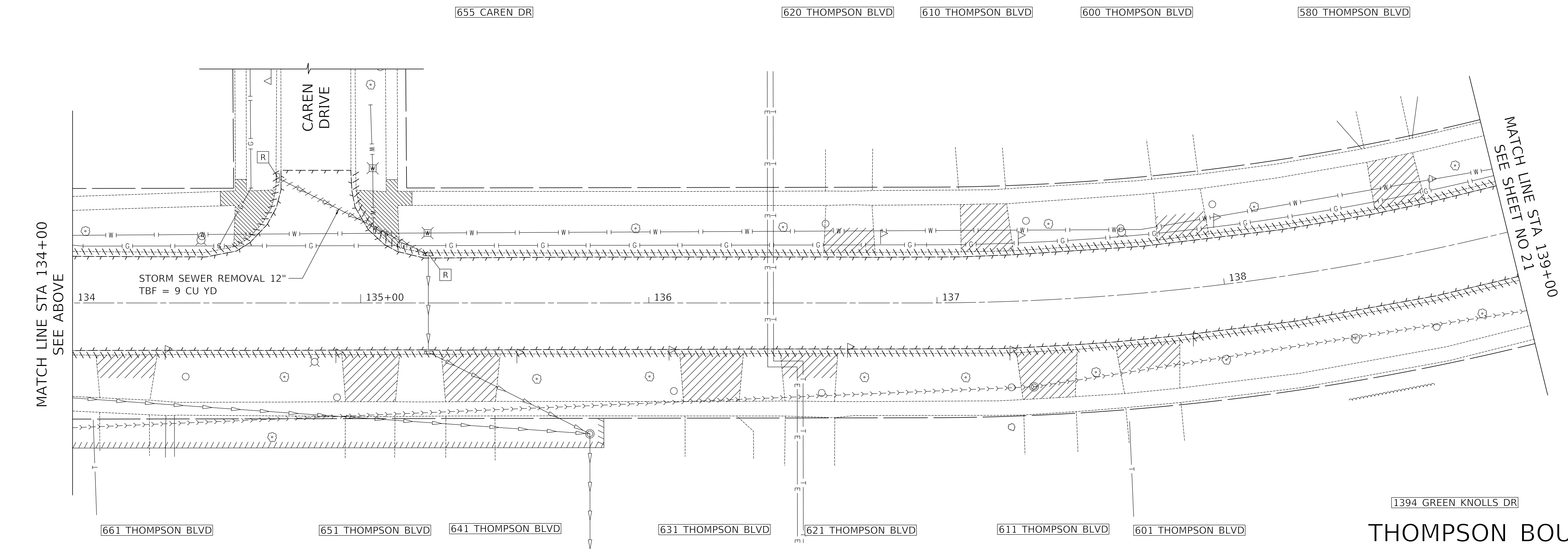
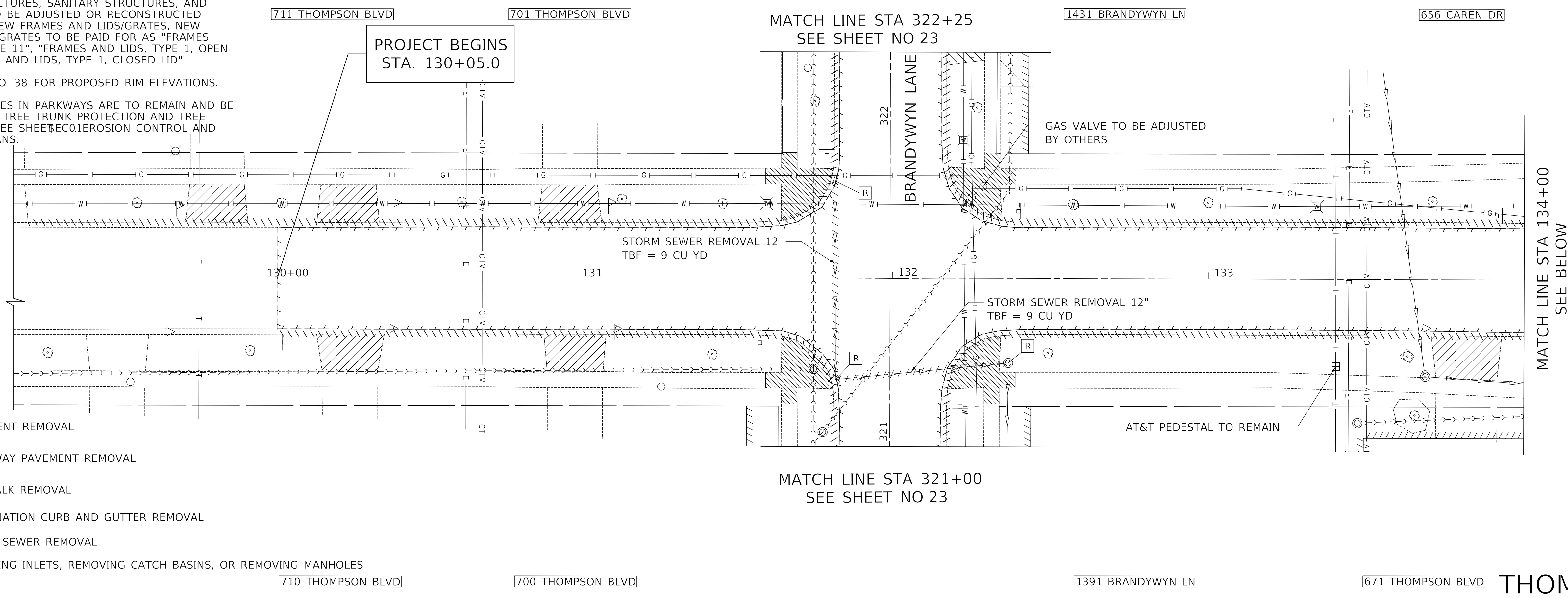
- NOTES:
- ALL STORM STRUCTURES, SANITARY STRUCTURES, AND VALVE VAULTS TO BE ADJUSTED OR RECONSTRUCTED SHALL RECEIVE NEW FRAMES AND LIDS/GRATES. NEW FRAME AND LIDS/GRATES TO BE PAID FOR AS "FRAMES AND GRATES, TYPE 11", "FRAMES AND LIDS, TYPE 1, OPEN LID", OR "FRAMES AND LIDS, TYPE 1, CLOSED LID"
 - SEE SHEETS 27 TO 38 FOR PROPOSED RIM ELEVATIONS.
 - ALL EXISTING TREES IN PARKWAYS ARE TO REMAIN AND BE PROTECTED WITH TREE TRUNK PROTECTION AND TREE ROOT PRUNING. SEE SHEETS 27 TO 38 FOR EROSION CONTROL AND LANDSCAPING PLANS.

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

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- LEGEND:
- PAVEMENT REMOVAL
 - DRIVEWAY PAVEMENT REMOVAL
 - SIDEWALK REMOVAL
 - COMBINATION CURB AND GUTTER REMOVAL
 - STORM SEWER REMOVAL
 - REMOVING INLETS, REMOVING CATCH BASINS, OR REMOVING MANHOLES



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REMOVAL PLAN - THOMPSON BOULEVARD

SHEET 1 OF 7 SHEETS STA 130+05 TO STA 139+00

FAU RTE 3260 2060	SECTION 16-00106-01-R5	COUNTY LAKE	TOTAL SHEETS 121	SHEET NO 20
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
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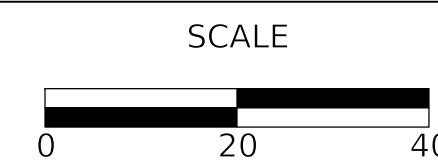
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DATE	-	12/18/2019	REVISED	-

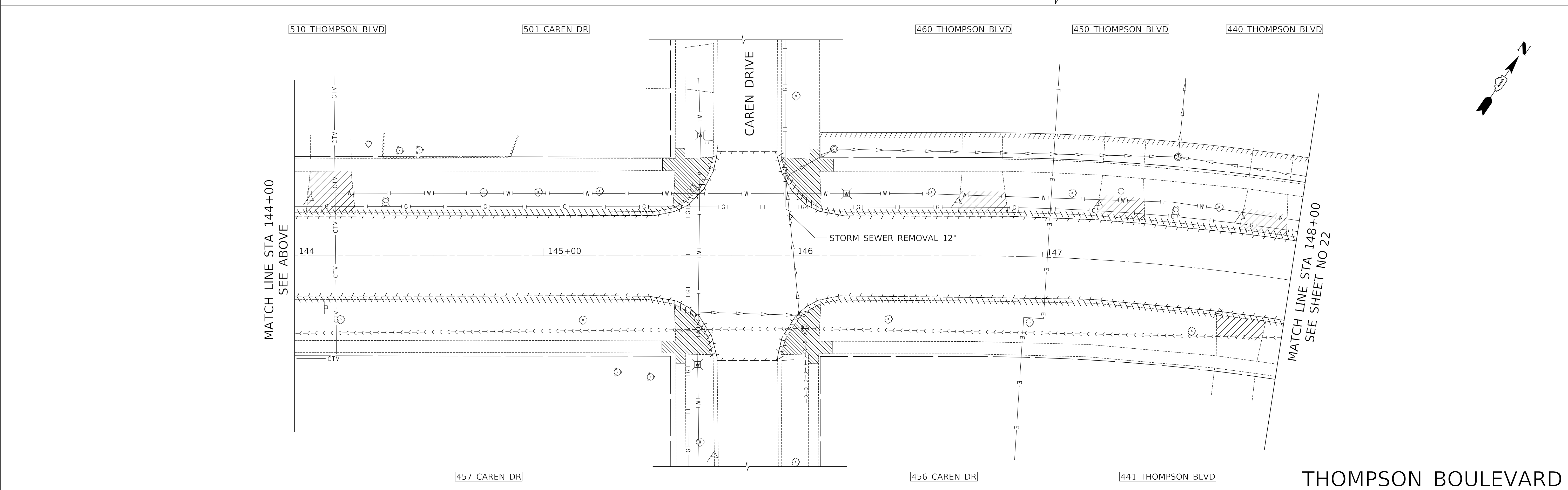
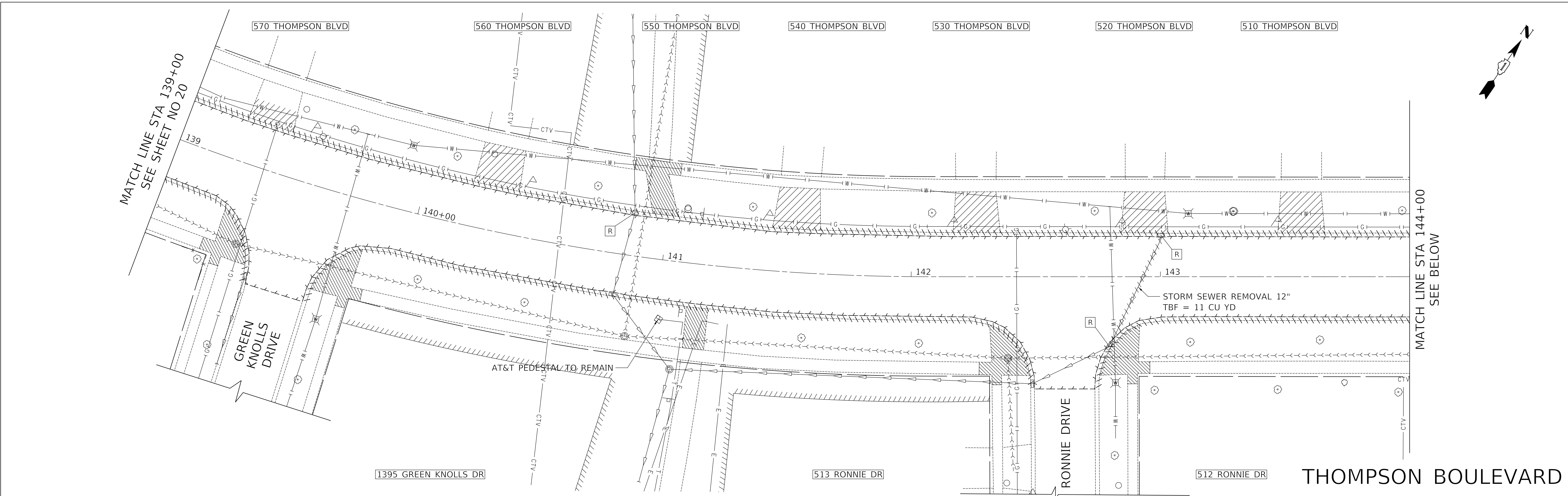
**STATE OF ILLINOIS
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REMOVAL PLAN - THOMPSON BOULEVARD

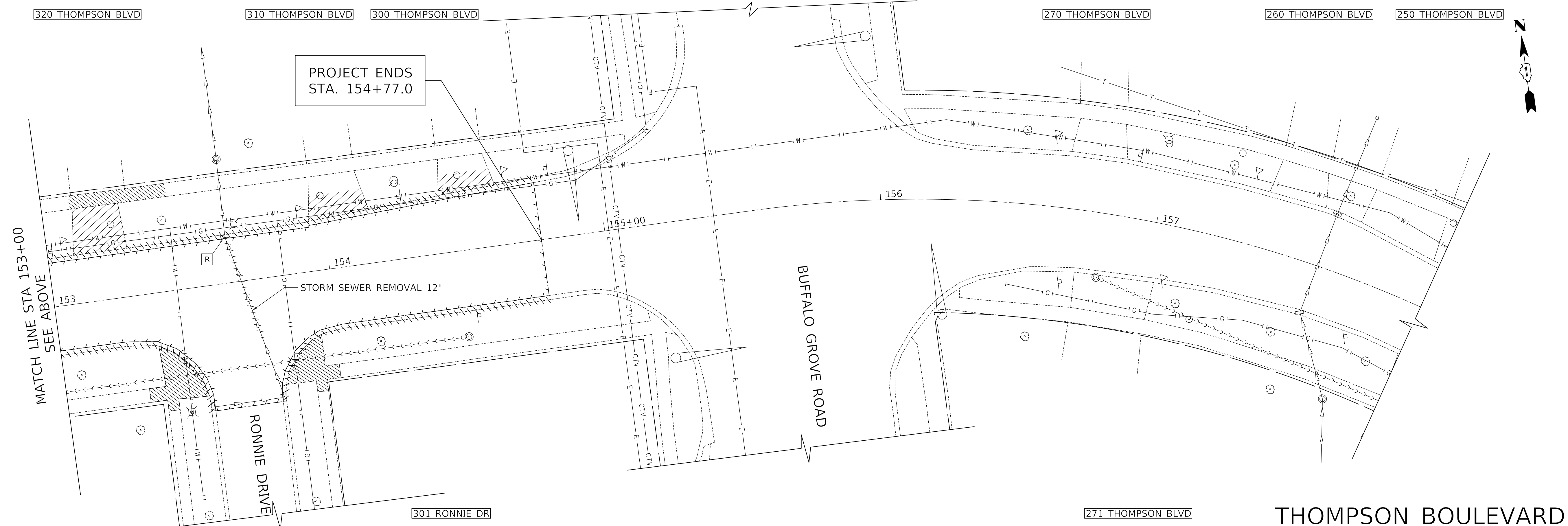
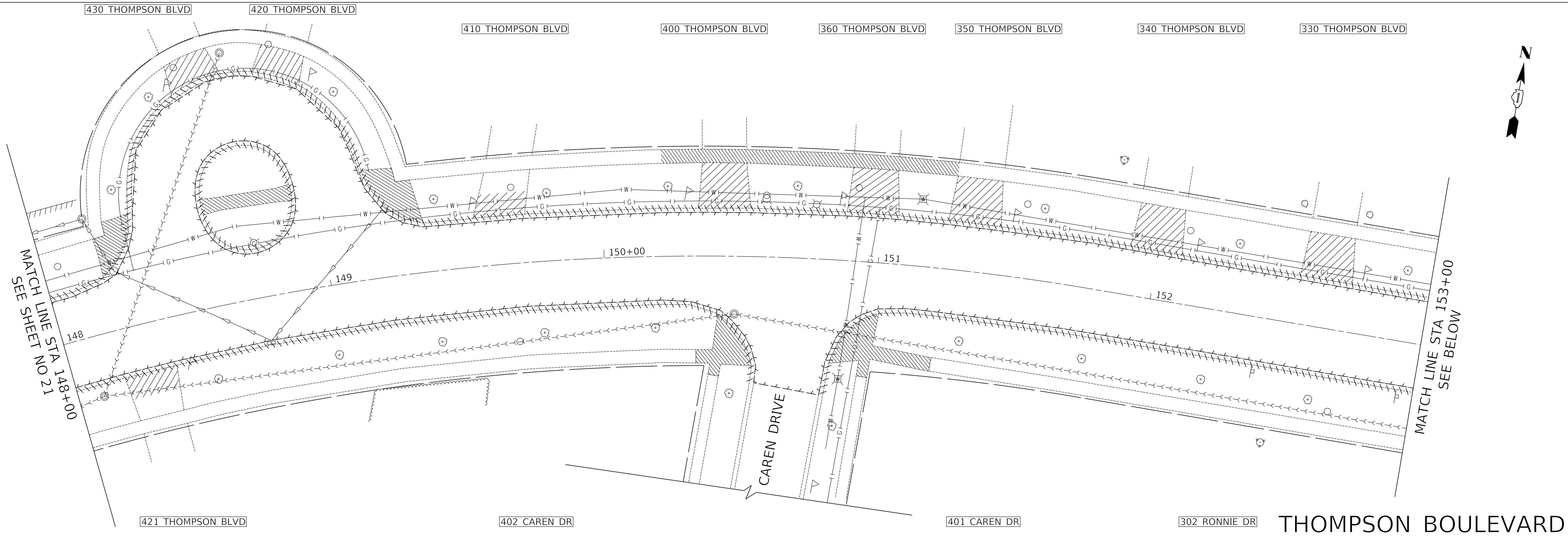
SHEET 2 OF 7 SHEETS STA 139+00 TO STA 148+00

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	21
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				



PLAN	SURVEYED	DATE
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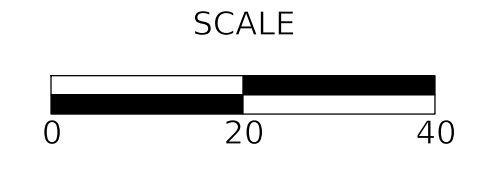
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REMOVAL PLAN - THOMPSON BOULEVARD

SHEET 3 OF 7 SHEETS STA 148+00 TO STA 154+77

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	22
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
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PROFILE	SURVEYED	DATE
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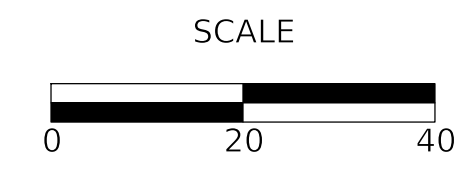
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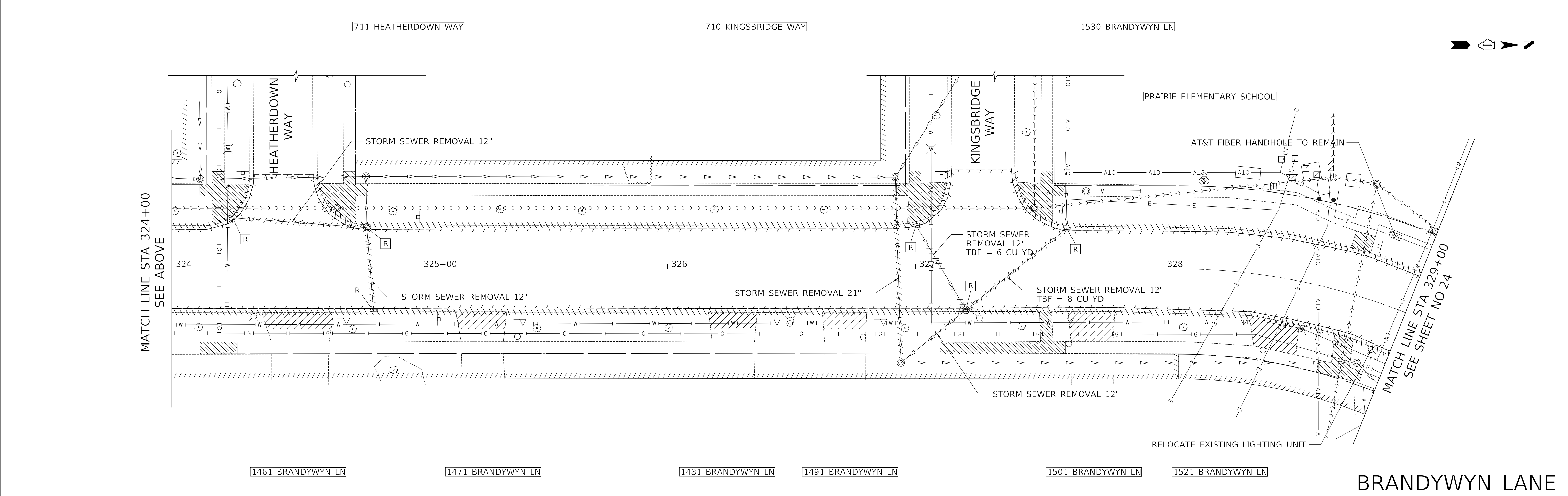
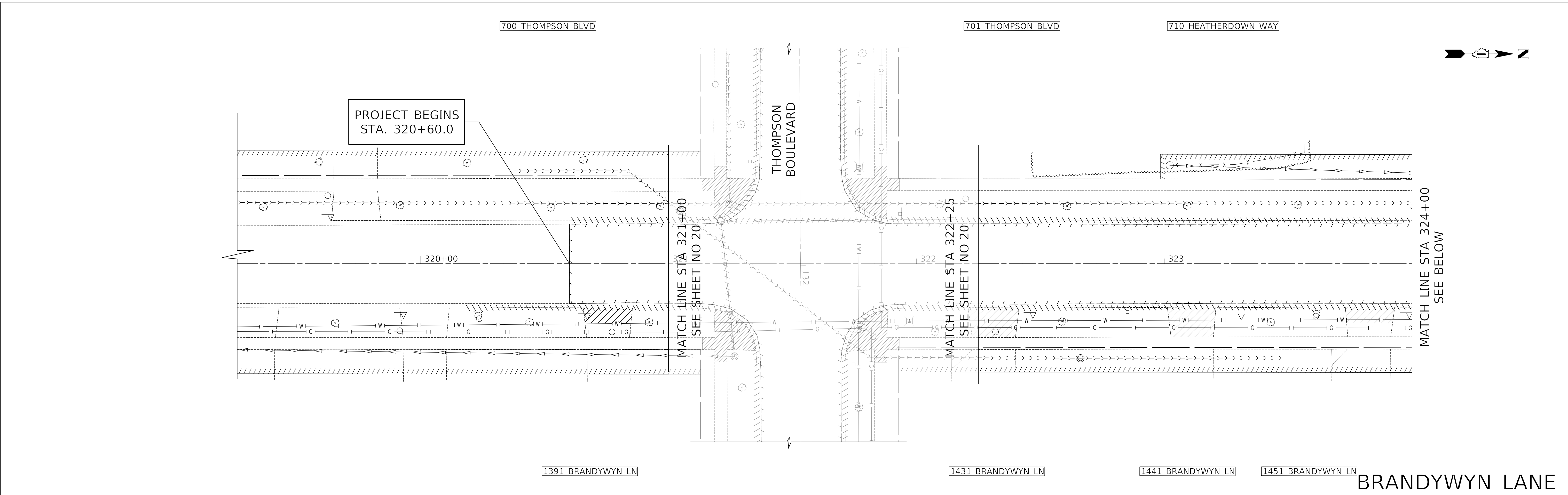
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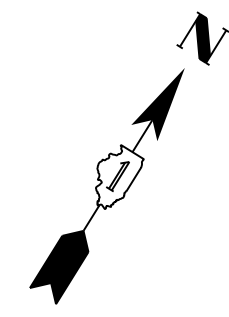
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REMOVAL PLAN - BRANDYWYN LANE

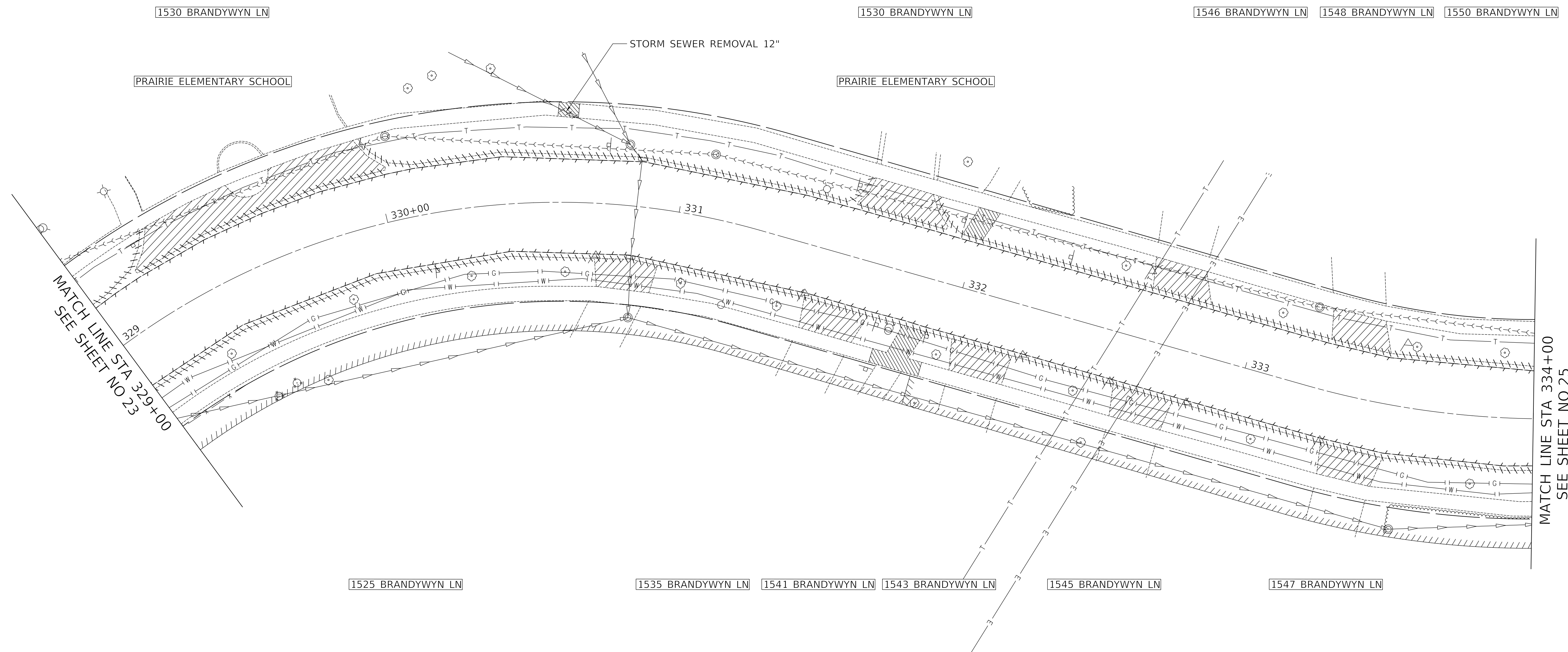
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3260 2060	16-00106-01-R5	LAKE	121	23
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				





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PROFILE	ALIGNMENT CHECKED	DATE
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PROFILE	SURVEYED	DATE
	PLOTTED	BY
PLAN	ALIGNMENT CHECKED	DATE
	GRADES CHECKED	BY
NOTE BOOK NO. _____		
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MATCH LINE STA 329+00
SEE SHEET NO 23

MATCH LINE STA 334+00
SEE SHEET NO 25

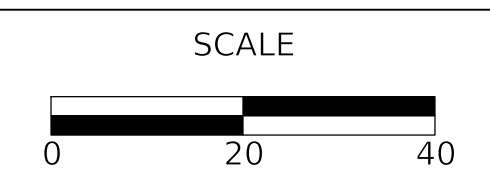
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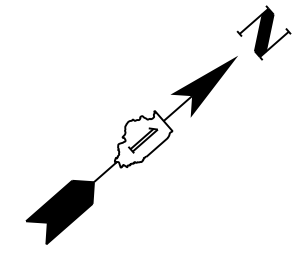


REMOVAL PLAN - BRANDYWYN LANE

SHEET 5 OF 7 SHEETS STA 329+00 TO STA 334+00

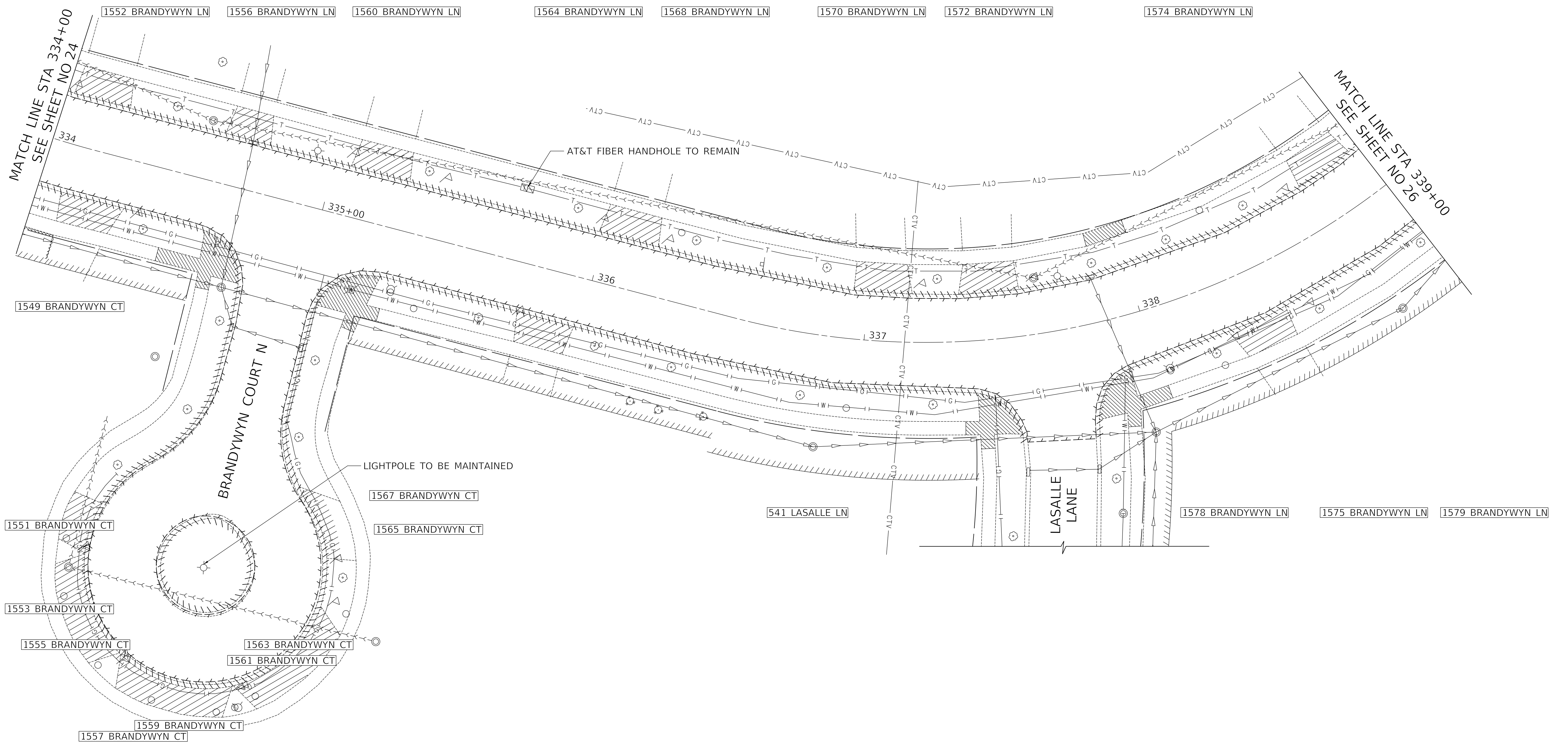
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CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

BRANDYWYN LANE



PLAN	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK	ALIGNMENT CHECKED	
	FIELD FILE NAME	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	BY
NOTE BOOK	STRUCTURE NOTATIONS CHECKED	



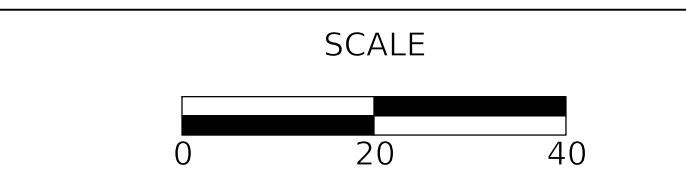
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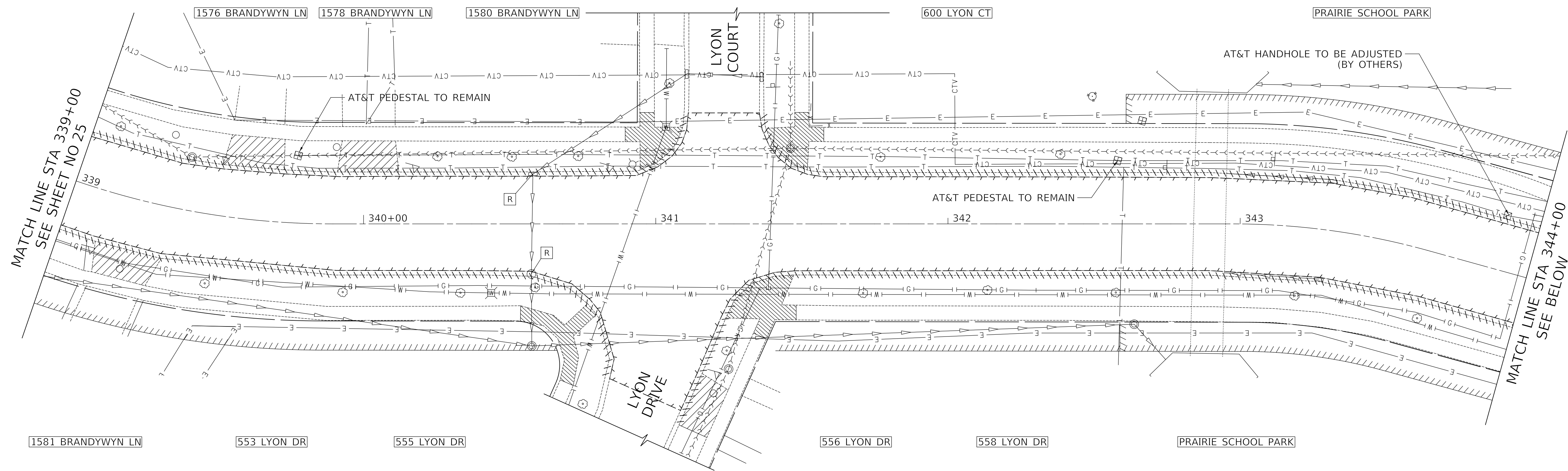
REMOVAL PLAN - BRANDYWYN LANE

SHEET 6 OF 7 SHEETS STA 334+00 TO STA 339+00

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	25
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

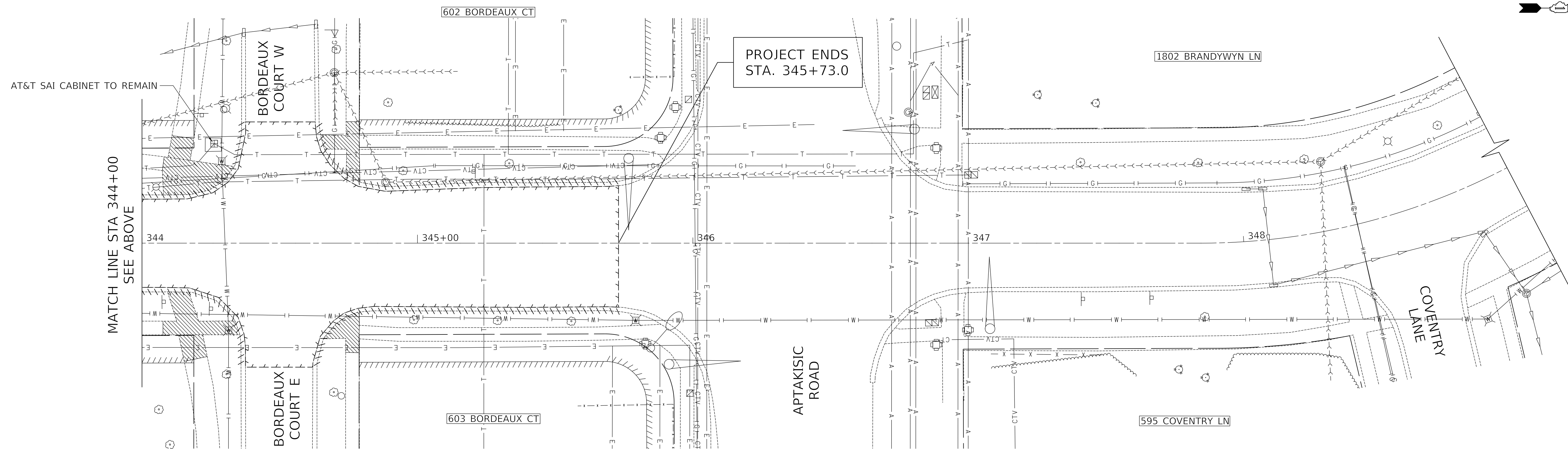
BRANDYWYN LANE

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	NOTE BOOK	
	NO.	
	FILE NAME	
	PROJECT	



BRANDYWYN LANE

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	NOTE BOOK	
	NO.	
	FILE NAME	
	PROJECT	



BRANDYWYN LANE

MODEL: SPODELNAMER
FILE NAME: ...13223_C1_Brandywyn_Rem_01.dgn



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DRAWN -	JRR	REVISED -	
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DATE -	12/18/2019	REVISED -	

**STATE OF ILLINOIS
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REMOVAL PLAN - BRANDYWYN LANE

SHEET 7 OF 7 SHEETS STA 339+00 TO STA 345+73

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	26
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

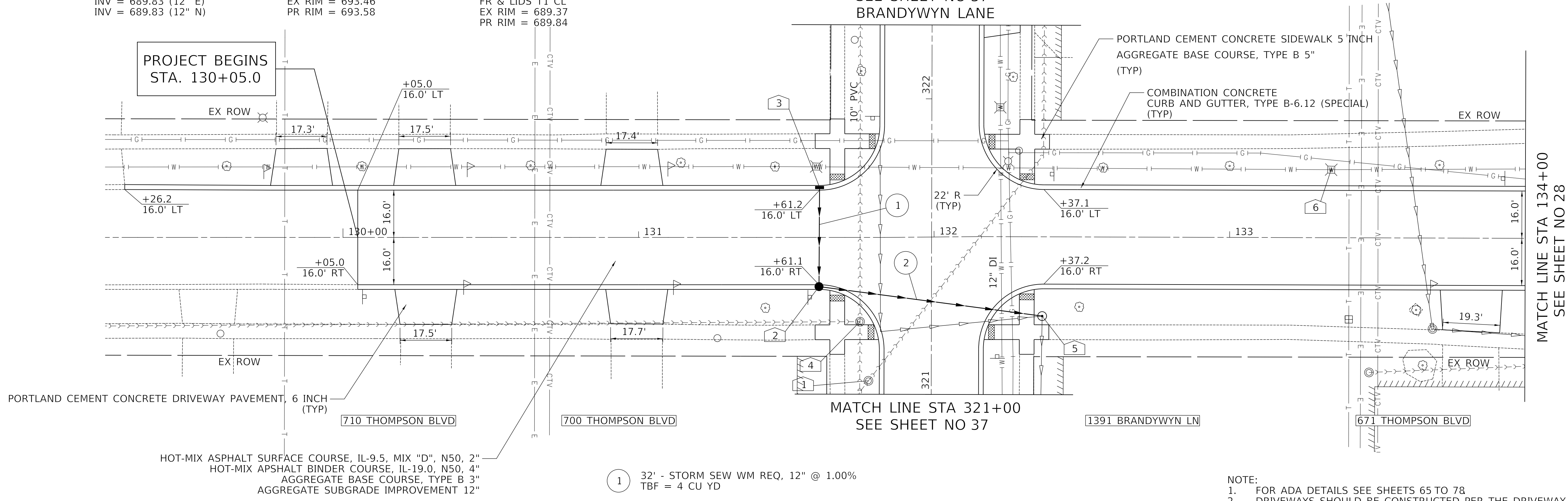
- ① STA. 131+77.8, 48.5' RT
SAN MH TO BE ADJ
FR & LIDS T1 CL
EX RIM = 693.49
PR RIM = 693.69
- ② STA. 131+61.1, 16.0' RT
CB TA 4 DIA T11 F&G
RIM = 693.60
INV = 689.83 (12" E)
INV = 689.83 (12" N)
- ③ STA. 131+61.2, 16.0' LT
INLETS TA T11 F&G
RIM = 693.50
INV = 690.15 (12" E)
- ④ STA. 131+74.9, 28.5' RT
H10-1505
SAN MH TO BE ADJ
FR & LIDS T1 CL
EX RIM = 693.46
PR RIM = 693.58
- ⑤ STA. 132+36.6, 26.8' RT
MH TA 4 DIA T1F CL
RIM = 692.65
INV = 689.51 (12" S)
INV = 689.51 (12" W)
- ⑥ STA. 133+34.2, 23.0' LT
H10-3511
D&U STRUC TO BE ADJ
FR & LIDS T1 CL
EX RIM = 689.37
PR RIM = 689.84

- LEGEND**
- DOM DOMESTIC WATER SERVICE BOX TO BE REPLACED
 - *DOM DOMESTIC WATER SERVICE BOX TO BE REPLACED, FRAMES AND LIDS, SPECIAL
 - DETECTABLE WARNING



DATE	
BY	
PLAN	
NO.	
NO.	
NO.	
NO.	
NO.	

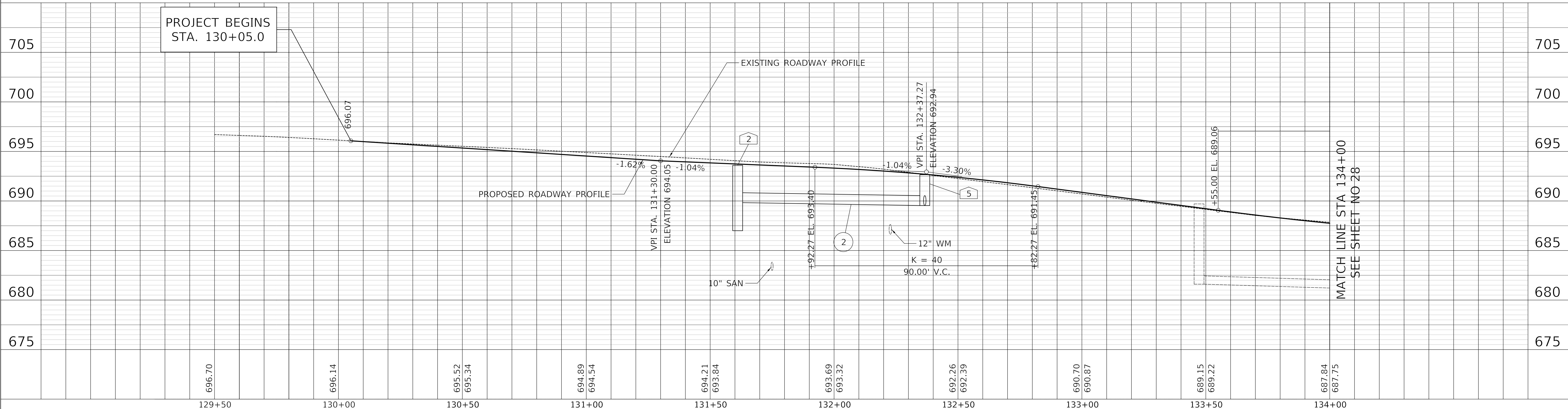
DATE	
BY	
PROFILE	
NO.	
NO.	
NO.	
NO.	
NO.	



- ① 32' - STORM SEW WM REQ, 12" @ 1.00%
TBF = 4 CU YD
- ② 72' - STORM SEW WM REQ, 12" @ 0.44%
TBF = 8 CU YD

NOTE:
1. FOR ADA DETAILS SEE SHEETS 65 TO 78
2. DRIVEWAYS SHOULD BE CONSTRUCTED PER THE DRIVEWAY APRON DETAIL. SEE SHEET 83.

THOMPSON BOULEVARD

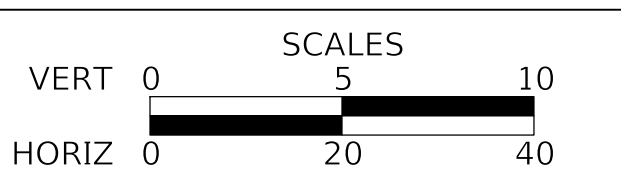


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FILE NAME: ...13223_C1_Thompson_PP_01.dgn

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PLAN & PROFILE - THOMPSON BOULEVARD
SHEET 1 OF 12 SHEETS
STA 129+50 TO STA 134+00

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-RS	LAKE	121	27
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

- 7 STA. 134+68.2, 29.6' LT
INLETS TA T11 F&G
RIM = 686.06
INV = 682.85 (12" E)
- 8 STA. 135+23.4, 16.0' LT
CB TA 4 DIA T11 F&G
RIM = 685.63
INV = 682.44 (12" W)
INV = 682.44 (12" E)
INV = 682.44 (12" S)
- 9 STA. 135+23.7, 16.0' RT
H10-7766
D&U STRUC TO BE ADJ
FR & GRATES T11
EX RIM = 685.68
PR RIM = 685.64

655 CAREN DR 620 THOMPSON BLVD 610 THOMPSON BLVD 600 THOMPSON BLVD 580 THOMPSON BLVD

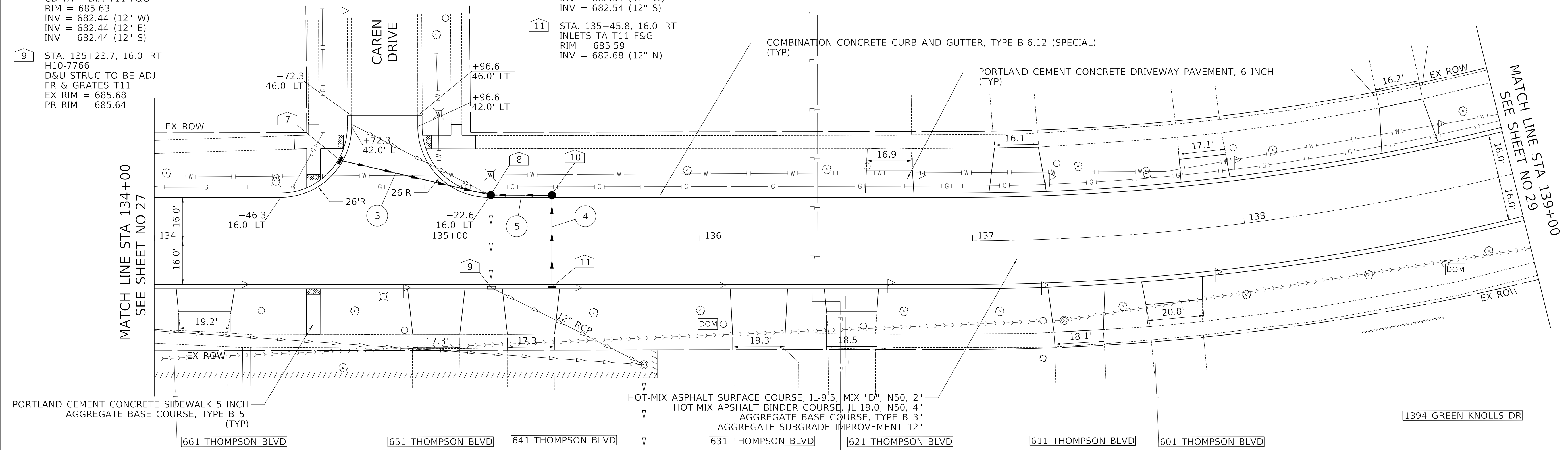
- 10 STA. 135+45.8, 16.0' LT
CB TA 4 DIA T11 F&G
RIM = 685.59
INV = 682.54 (12" W)
INV = 682.54 (12" S)
- 11 STA. 135+45.8, 16.0' RT
INLETS TA T11 F&G
RIM = 685.59
INV = 682.68 (12" N)



PLAN	SURVEYED	DATE
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	ALIGNMENT CHECKED	
	NOTE BOOK	
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MATCH LINE STA 134+00
SEE SHEET NO 27

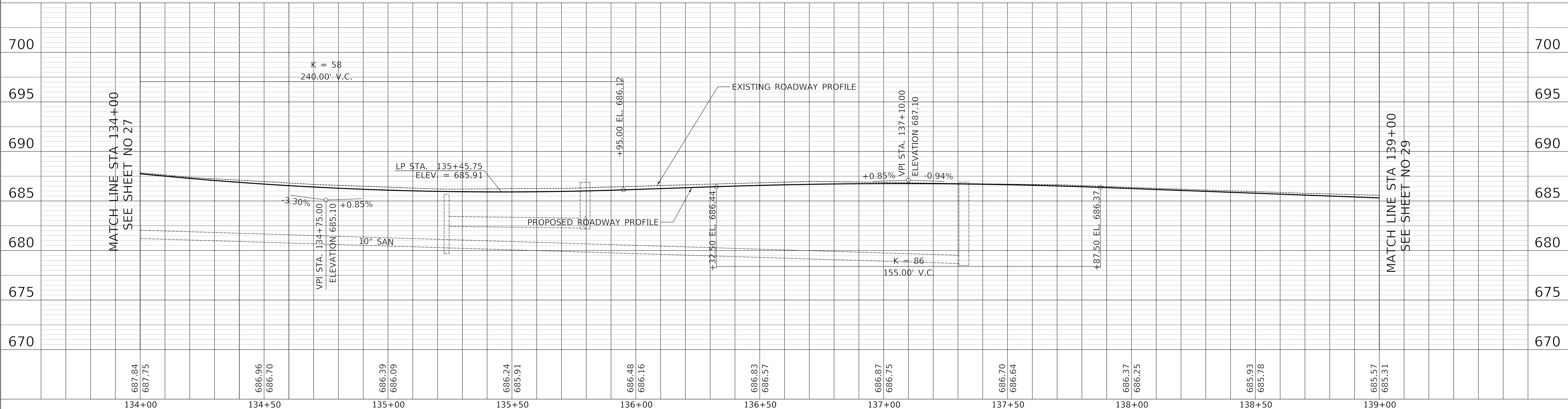
MATCH LINE STA 139+00
SEE SHEET NO 29



- 3 54' - STORM SEW WM REQ, 12" @ 0.75%
TBF = 4 CU YD
- 4 32' - STORM SEW WM REQ, 12" @ 0.44%
TBF = 2 CU YD
- 5 19' - STORM SEW WM REQ, 12" @ 0.50%
TBF = 2 CU YD

THOMPSON BOULEVARD

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	NOTE BOOK	
	NO.	



MATCH LINE STA 134+00
SEE SHEET NO 27

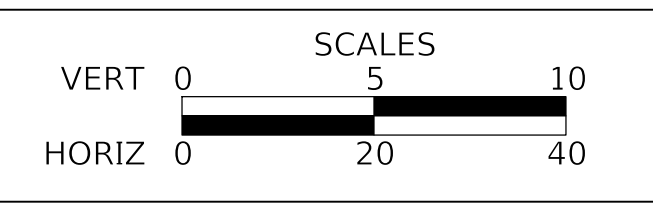
MATCH LINE STA 139+00
SEE SHEET NO 29

687.84 687.75	686.96 686.70	686.39 686.09	686.24 685.91	686.48 686.16	686.83 686.57	686.87 686.75	686.70 686.64	686.37 686.25	685.93 685.78	685.57 685.31
134+00	134+50	135+00	135+50	136+00	136+50	137+00	137+50	138+00	138+50	139+00

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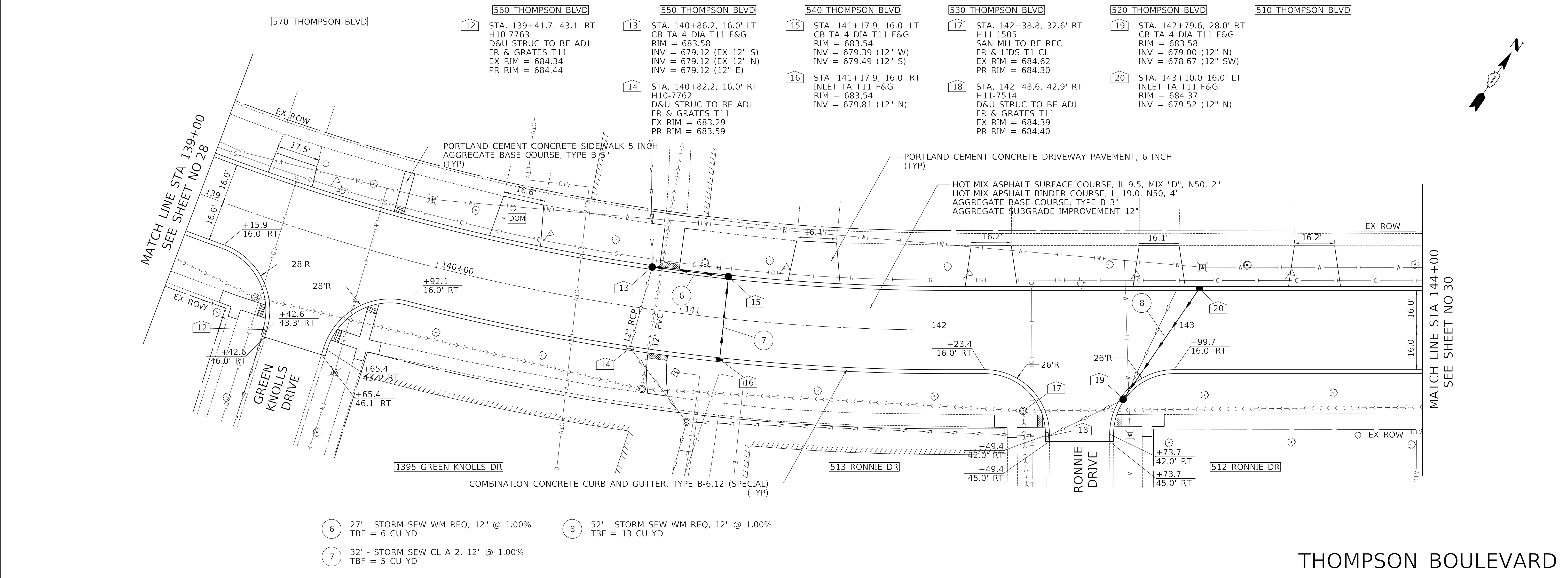
PLAN & PROFILE - THOMPSON BOULEVARD
SHEET 2 OF 12 SHEETS STA 134+00 TO STA 139+00

FAU RTE 3260 2060	SECTION 16-00106-01-R5	COUNTY LAKE	TOTAL SHEETS 121	SHEET NO 28
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

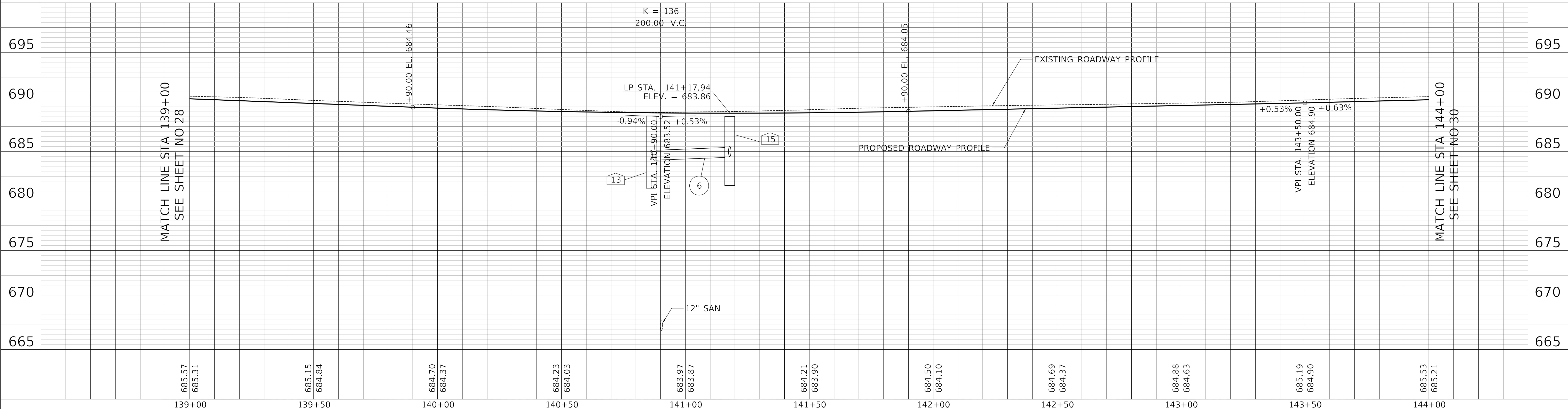
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	NOTE BOOK	
	NO.	

PROFILE	SURVEYED	DATE
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	GRADES CHECKED	
	NOTE BOOK	
	NO.	

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- 6 27' - STORM SEW WM REQ, 12" @ 1.00%
TBF = 6 CU YD
- 7 32' - STORM SEW CL A 2, 12" @ 1.00%
TBF = 5 CU YD
- 8 52' - STORM SEW WM REQ, 12" @ 1.00%
TBF = 13 CU YD

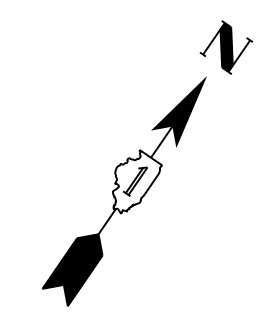


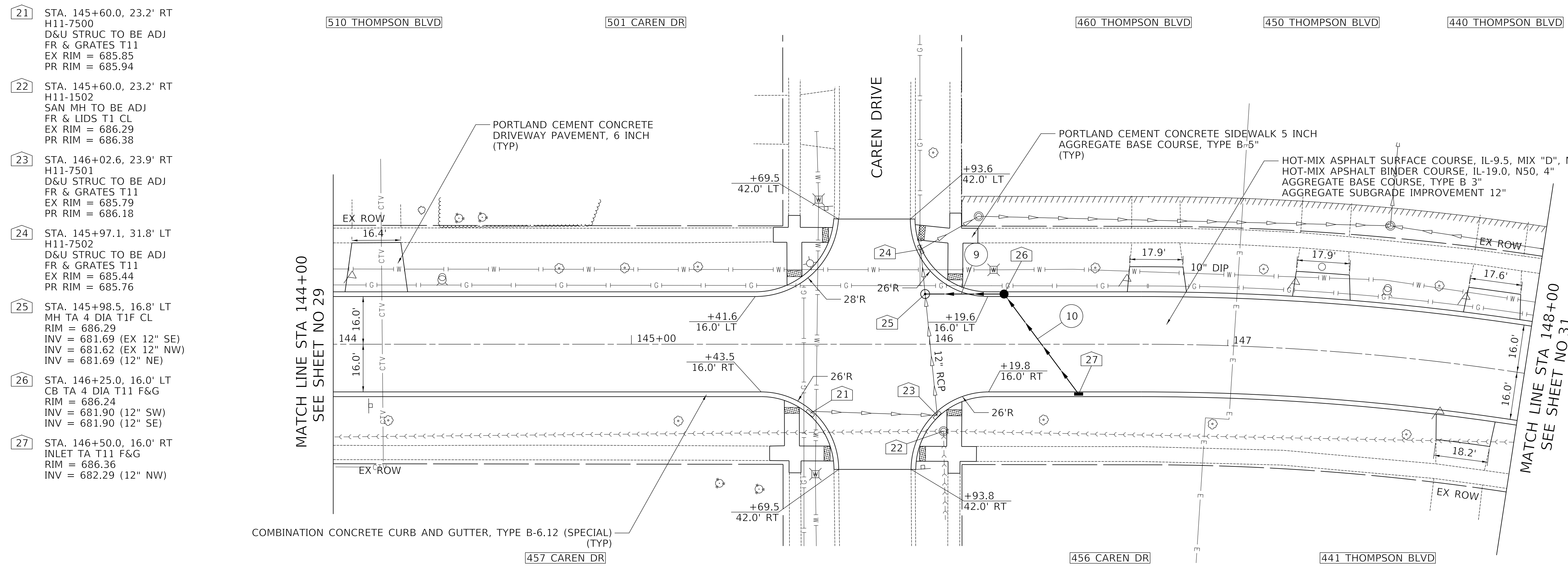
DESIGNED - TGB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	VERT 0 5 10 HORIZ 0 20 40	PLAN & PROFILE - THOMPSON BOULEVARD	FAU RTE 3260	SECTION 16-00106-01-RS	COUNTY LAKE	TOTAL SHEETS 121	SHEET NO 29
DRAWN - JRR	REVISED -				CONTRACT NO 61G31				
CHECKED - KRK	REVISED -				ILLINOIS FED AID PROJECT				
DATE - 12/18/2019	REVISED -								



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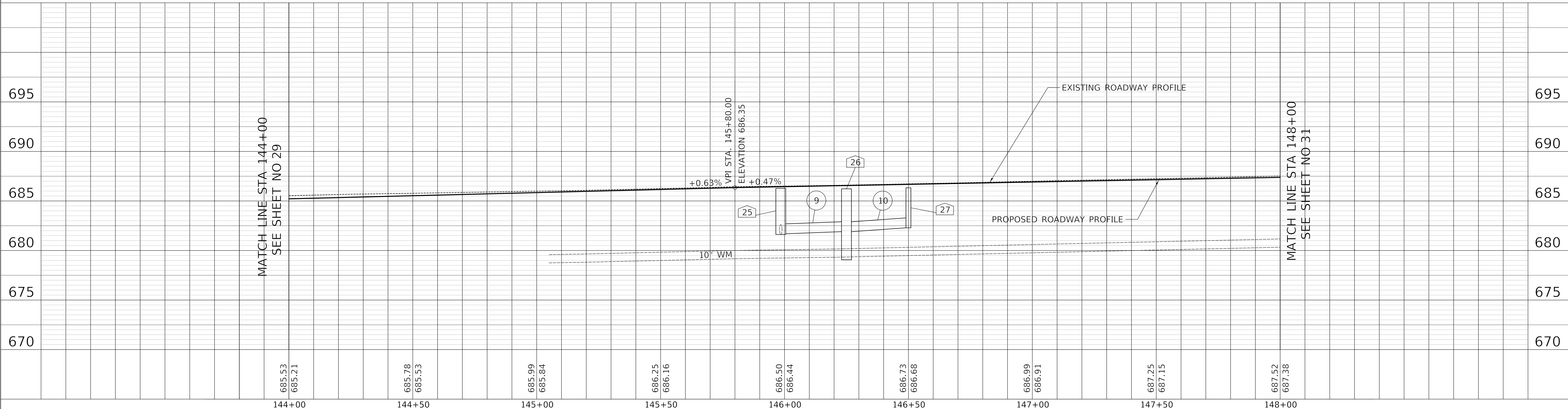
- 21 STA. 145+60.0, 23.2' RT
H11-7500
D&U STRUC TO BE ADJ
FR & GRATES T11
EX RIM = 685.85
PR RIM = 685.94
- 22 STA. 145+60.0, 23.2' RT
H11-1502
SAN MH TO BE ADJ
FR & LIDS T1 CL
EX RIM = 686.29
PR RIM = 686.38
- 23 STA. 146+02.6, 23.9' RT
H11-7501
D&U STRUC TO BE ADJ
FR & GRATES T11
EX RIM = 685.79
PR RIM = 686.18
- 24 STA. 145+97.1, 31.8' LT
H11-7502
D&U STRUC TO BE ADJ
FR & GRATES T11
EX RIM = 685.44
PR RIM = 685.76
- 25 STA. 145+98.5, 16.8' LT
MH TA 4 DIA T1F CL
RIM = 686.29
INV = 681.69 (EX 12" SE)
INV = 681.62 (EX 12" NW)
INV = 681.69 (12" NE)
- 26 STA. 146+25.0, 16.0' LT
CB TA 4 DIA T11 F&G
RIM = 686.24
INV = 681.90 (12" SW)
INV = 681.90 (12" SE)
- 27 STA. 146+50.0, 16.0' RT
INLET TA T11 F&G
RIM = 686.36
INV = 682.29 (12" NW)

- 9 21' - STORM SEW WM REQ, 12" @ 1.00%
TBF = 5 CU YD
- 10 39' - STORM SEW WM REQ, 12" @ 1.00%
TBF = 7 CU YD

PLAN	SURVEYED	DATE
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	NO. _____	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATION	
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THOMPSON BOULEVARD

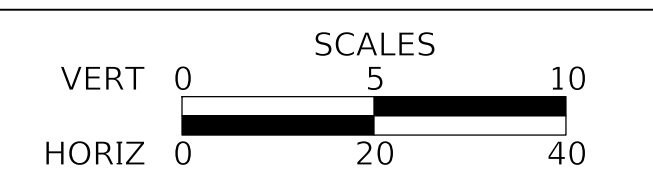


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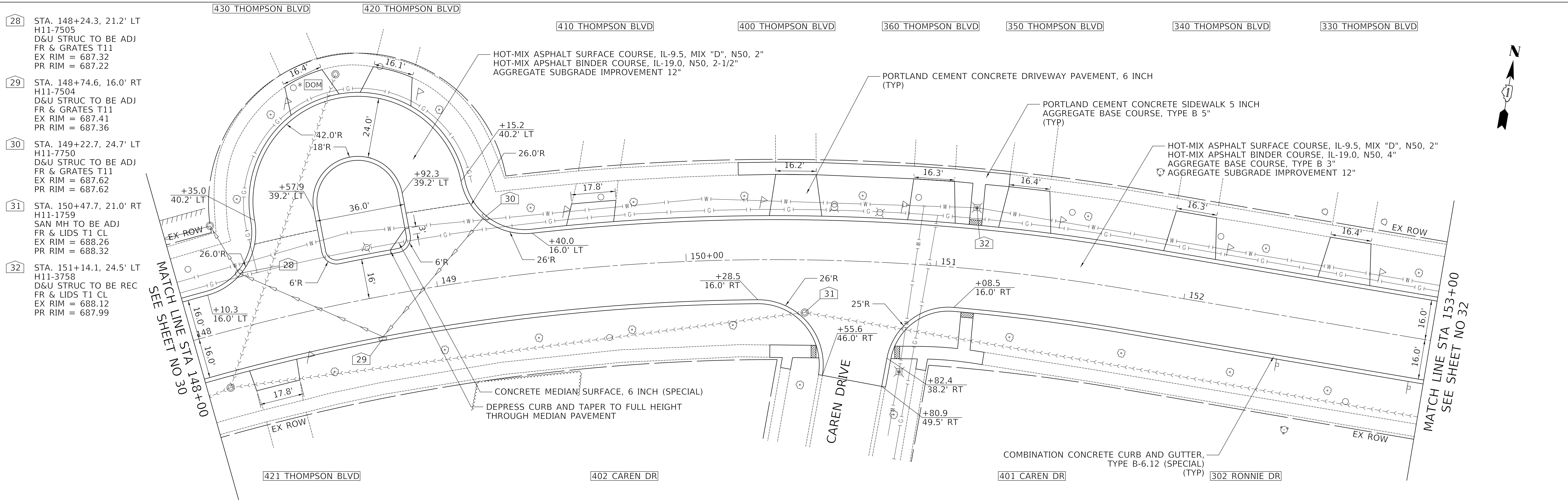
DESIGNED - TGB	REVISED -
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DATE - 12/18/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



PLAN & PROFILE - THOMPSON BOULEVARD
SHEET 4 OF 12 SHEETS STA 144+00 TO STA 148+00

FAU RTE 3260 2060	SECTION 16-00106-01-RS	COUNTY LAKE	TOTAL SHEETS 121	SHEET NO 30
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

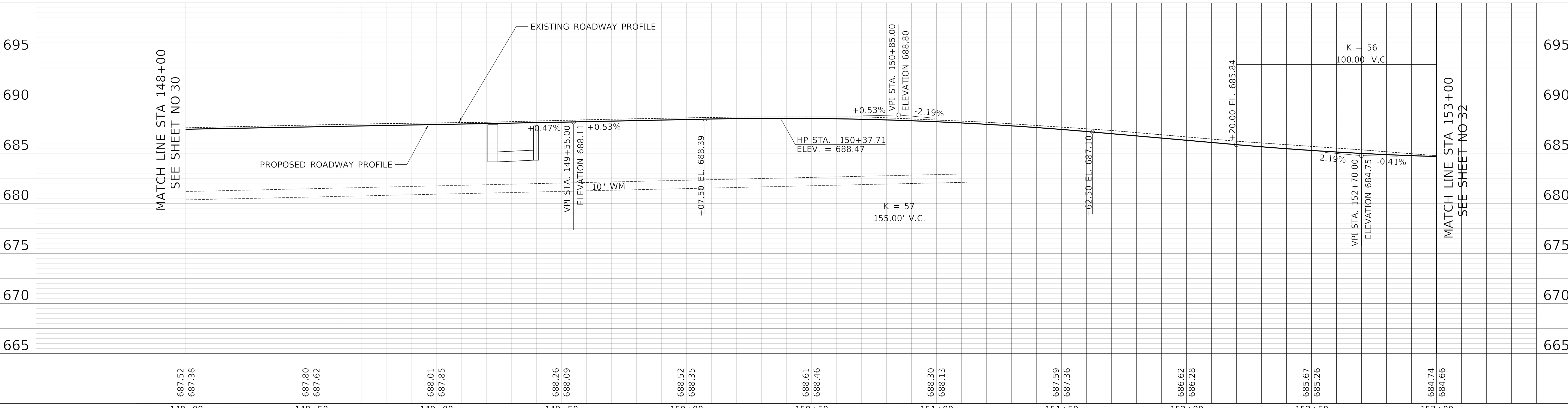


- 28 STA. 148+24.3, 21.2' LT
H11-7505
D&U STRUC TO BE ADJ
FR & GRATES T11
EX RIM = 687.32
PR RIM = 687.22
- 29 STA. 148+74.6, 16.0' RT
H11-7504
D&U STRUC TO BE ADJ
FR & GRATES T11
EX RIM = 687.41
PR RIM = 687.36
- 30 STA. 149+22.7, 24.7' LT
H11-7750
D&U STRUC TO BE ADJ
FR & GRATES T11
EX RIM = 687.62
PR RIM = 687.62
- 31 STA. 150+47.7, 21.0' RT
H11-1759
SAN MH TO BE ADJ
FR & LIDS T1 CL
EX RIM = 688.26
PR RIM = 688.32
- 32 STA. 151+14.1, 24.5' LT
H11-3758
D&U STRUC TO BE REC
FR & LIDS T1 CL
EX RIM = 688.12
PR RIM = 687.99

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
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	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
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	STRUCTURE	
	NOTATION	
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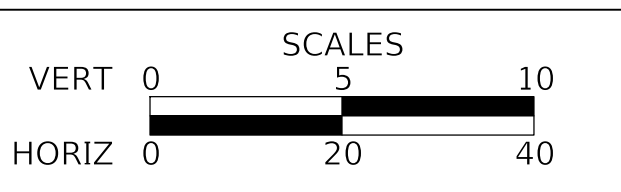


	148+00	148+50	149+00	149+50	150+00	150+50	151+00	151+50	152+00	152+50	153+00										
687.52	687.36	687.80	687.62	688.01	687.85	688.26	688.09	688.52	688.35	688.61	688.46	688.30	688.13	687.59	687.36	686.62	686.28	685.67	685.26	684.74	684.66

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PLAN & PROFILE - THOMPSON BOULEVARD

SHEET 5 OF 12 SHEETS STA 148+00 TO STA 153+00

FAU RTE 3260 2060	SECTION 16-00106-01-RS	COUNTY LAKE	TOTAL SHEETS 121	SHEET NO 31
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

33 STA. 153+51.7, 43.4' RT
H11-7751
D&U STRUC TO BE ADJ
FR & GRATES T11
EX RIM = 683.39
PR RIM = 683.43

34 STA. 153+77.6, 43.4' RT
H11-7752
D&U STRUC TO BE ADJ
FR & GRATES T11
EX RIM = 683.34
PR RIM = 683.38

35 STA. 153+64.2, 16.0' LT
CB TA 4 DIA T11 F&G
RIM = 684.04
INV = 680.48 (12" S)
INV = 680.48 (15" N)

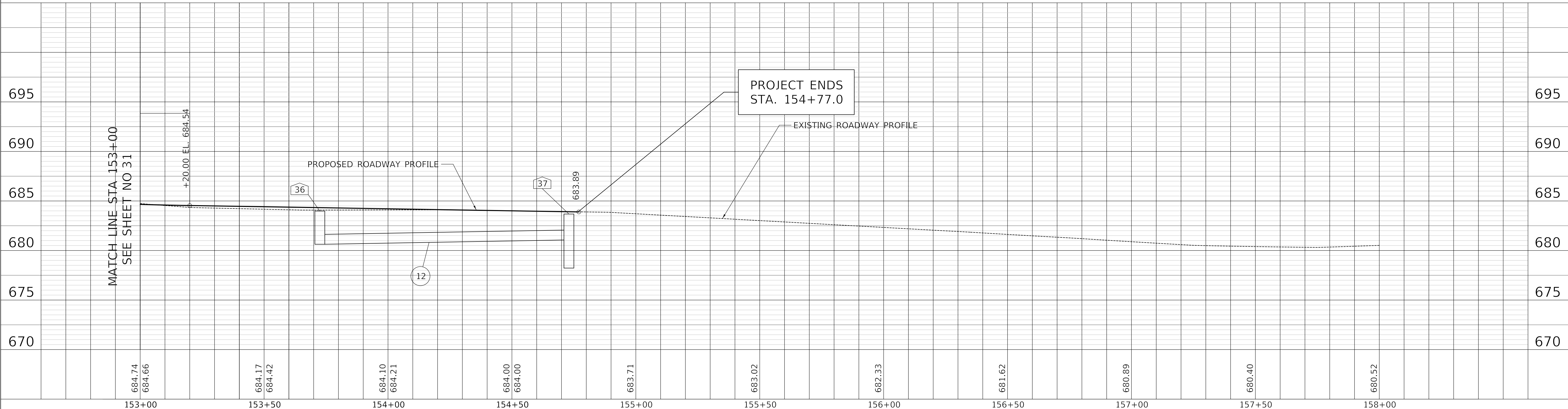
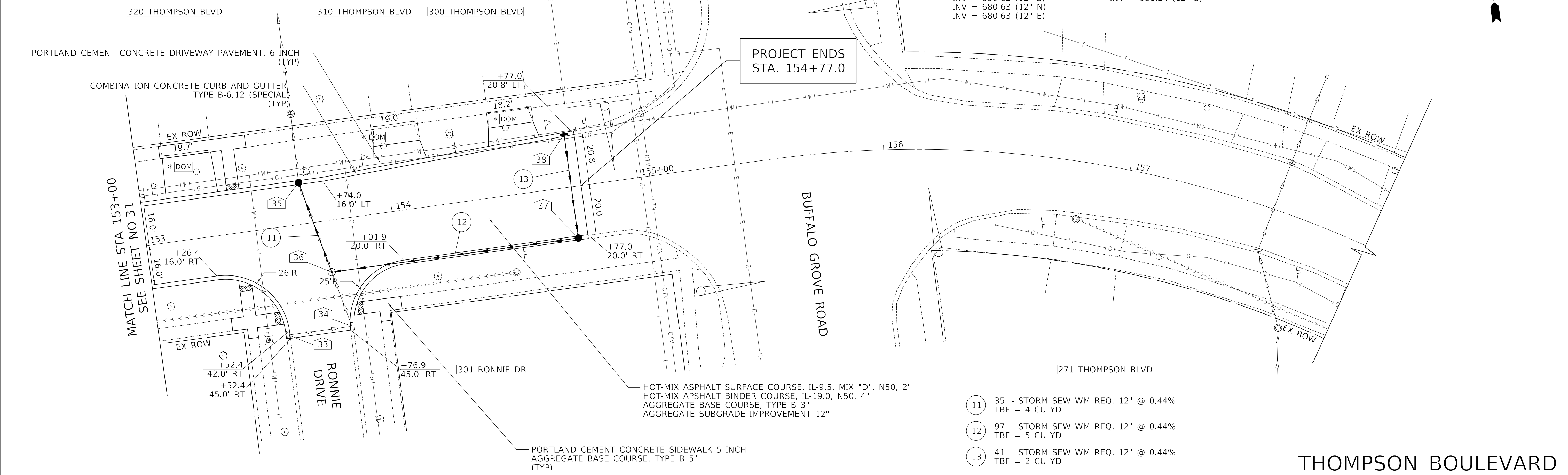
36 STA. 153+72.5, 20.8' RT
MH TA 4 DIA T11 CL
RIM = 683.98
INV = 680.82 (12" S)
INV = 680.63 (12" N)
INV = 680.63 (12" E)

37 STA. 154+73.0, 20.0' RT
CB TA 4 DIA T11 F&G
RIM = 683.74
INV = 681.06 (12" N)
INV = 681.06 (12" W)

38 STA. 154+73.0, 20.6' LT
INLET TA T11 F&G
RIM = 683.66
INV = 681.24 (12" S)

PLAN	SURVEYED	DATE
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	ALIGNMENT CHECKED	
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
	FILE NAME	
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PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
	FILE NAME	
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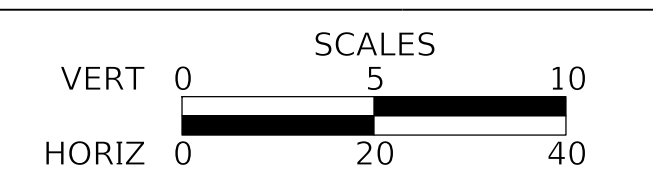


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PLAN & PROFILE - THOMPSON BOULEVARD

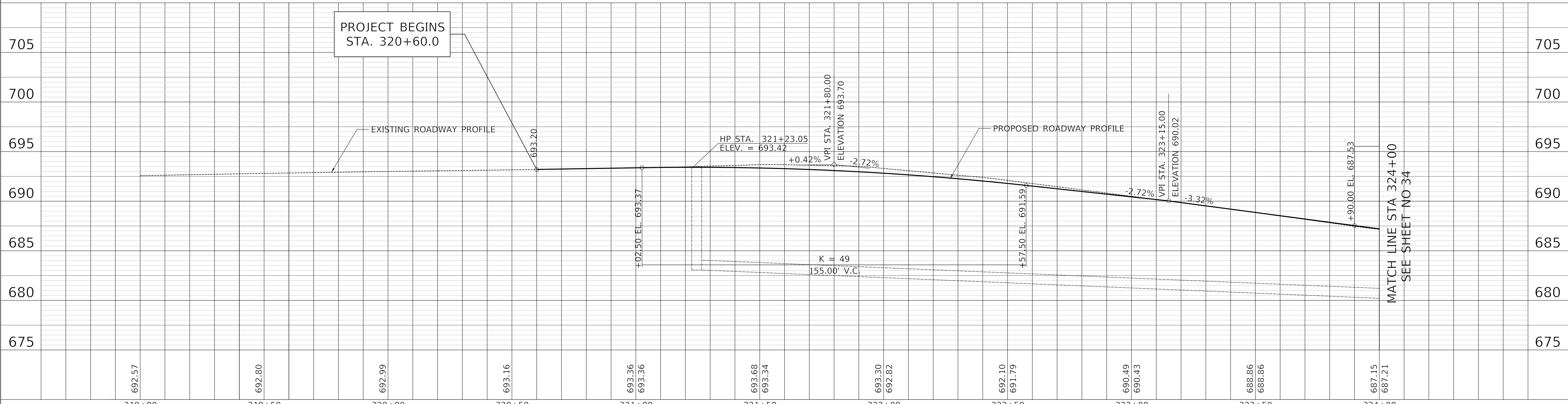
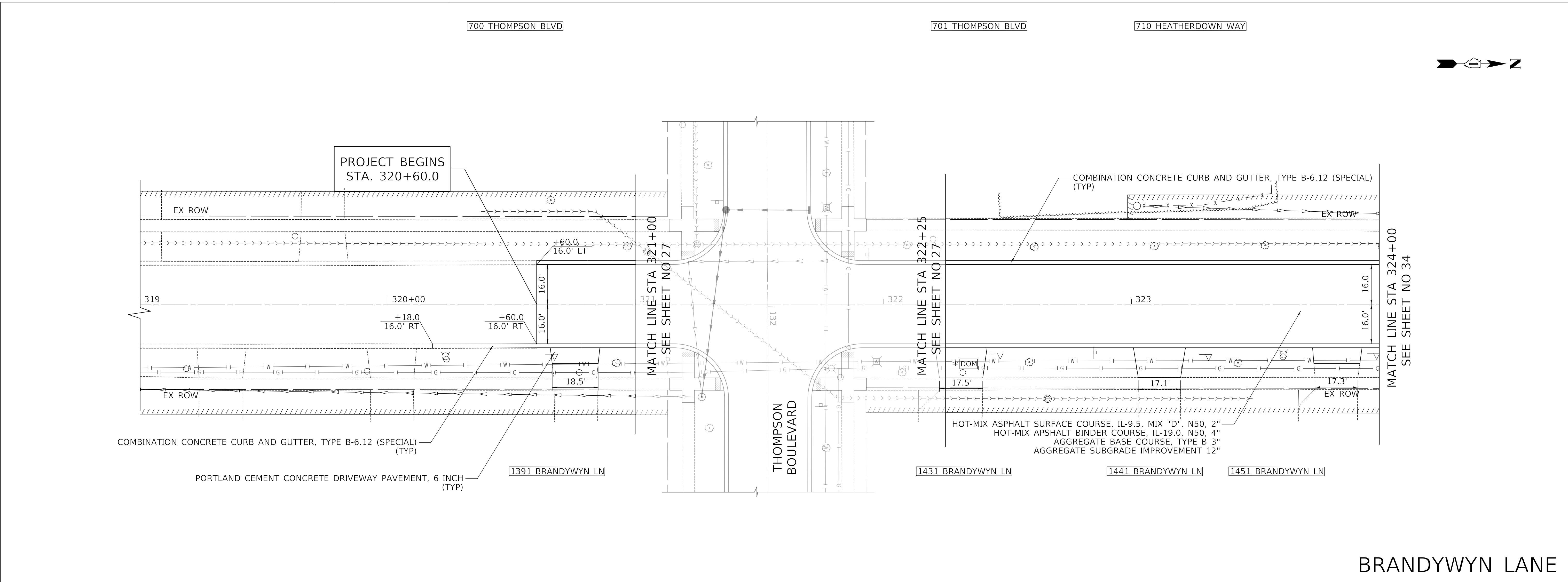
SHEET 6 OF 12 SHEETS STA 153+00 TO STA 154+77

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	32
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	NOTE BOOK	
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	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	NOTE BOOK	
	NO.	
	STRUCTURE NOTATION	

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DRAWN - JRR	REVISED -			SHEET 7 OF 12 SHEETS STA 320+60 TO STA 324+00		CONTRACT NO 61G31		ILLINOIS FED AID PROJECT			
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DATE - 12/18/2019	REVISED -										

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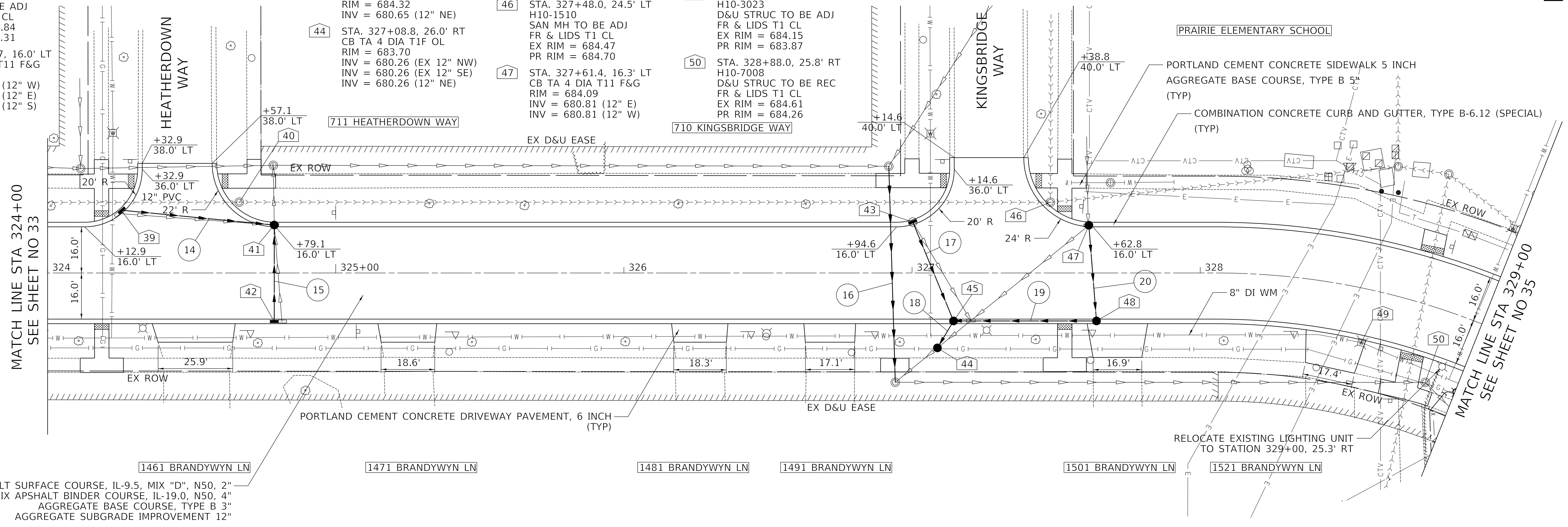


BRANDYWYN LANE

PLAN	SURVEYED	DATE
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	ALIGNMENT CHECKED	
	NOTE BOOK	
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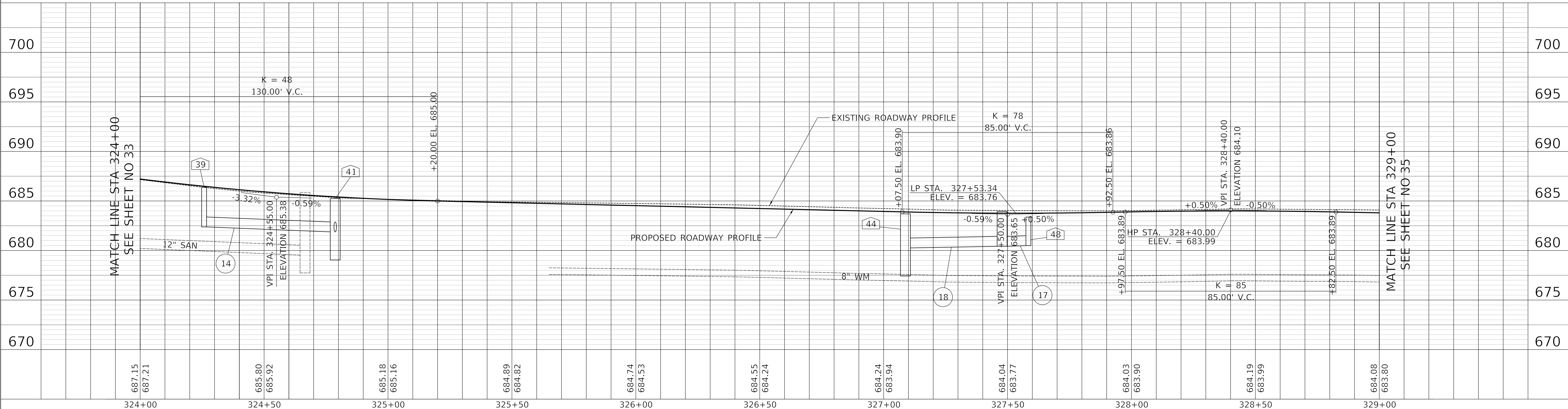
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	NOTE BOOK	
	NO.	

- 39 STA. 324+25.8, 21.7' LT
INLET TA T11F&G
RIM = 686.39
INV = 682.38 (12" N)
- 40 STA. 324+66.5, 24.6' LT
H10-1508
SAN MH TO BE ADJ
FR & LIDS T1 CL
EX RIM = 685.84
PR RIM = 686.31
- 41 STA. 324+78.7, 16.0' LT
CB TA 4 DIA T11 F&G
RIM = 685.24
INV = 681.88 (12" W)
INV = 681.88 (12" E)
INV = 681.88 (12" S)
- 42 STA. 324+78.7, 16.0' RT
INLET TA T11F&G
RIM = 685.09
INV = 682.20 (12" W)
- 43 STA. 327+00.2, 17.7' LT
INLET TA T11F&G
RIM = 684.32
INV = 680.65 (12" NE)
- 44 STA. 327+08.8, 26.0' RT
CB TA 4 DIA T1F OL
RIM = 683.70
INV = 680.26 (EX 12" NW)
INV = 680.26 (EX 12" SE)
INV = 680.26 (12" NE)
- 45 STA. 327+14.4, 16.0' RT
CB TA 4 DIA T11 F&G
RIM = 683.54
INV = 680.29 (12" SW)
INV = 680.29 (12" SE)
INV = 680.29 (12" N)
- 46 STA. 327+48.0, 24.5' LT
H10-1510
SAN MH TO BE ADJ
FR & LIDS T1 CL
EX RIM = 684.47
PR RIM = 684.70
- 47 STA. 327+61.4, 16.3' LT
CB TA 4 DIA T11 F&G
RIM = 684.09
INV = 680.81 (12" E)
INV = 680.81 (12" W)
- 48 STA. 327+64.0, 16.0' RT
CB TA 4 DIA T11 F&G
RIM = 683.45
INV = 680.49 (12" S)
INV = 680.49 (12" W)
- 49 STA. 328+60.4, 18.5' RT
H10-3023
D&U STRUC TO BE ADJ
FR & LIDS T1 CL
EX RIM = 684.15
PR RIM = 683.87
- 50 STA. 328+88.0, 25.8' RT
H10-7008
D&U STRUC TO BE REC
FR & LIDS T1 CL
EX RIM = 684.61
PR RIM = 684.26



- 14 50' - STORM SEW WM REQ, 12" @ 1.00%
TBF = 7 CU YD
- 15 32' - STORM SEW WM REQ, 12" @ 1.00%
TBF = 3 CU YD
- 16 71' - STORM SEW WM REQ, 21" @ 0.90%
TBF = 6 CU YD
- 17 36' - STORM SEW WM REQ, 12" @ 1.00%
TBF = 4 CU YD
- 18 7' - STORM SEW WM REQ, 12" @ 0.44%
TBF = 1 CU YD
- 19 46' - STORM SEW WM REQ, 12" @ 0.44%
TBF = 4 CU YD
- 20 32' - STORM SEW WM REQ, 12" @ 1.00%
TBF = 3 CU YD

BRANDYWYN LANE

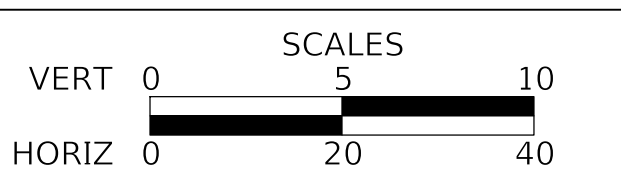


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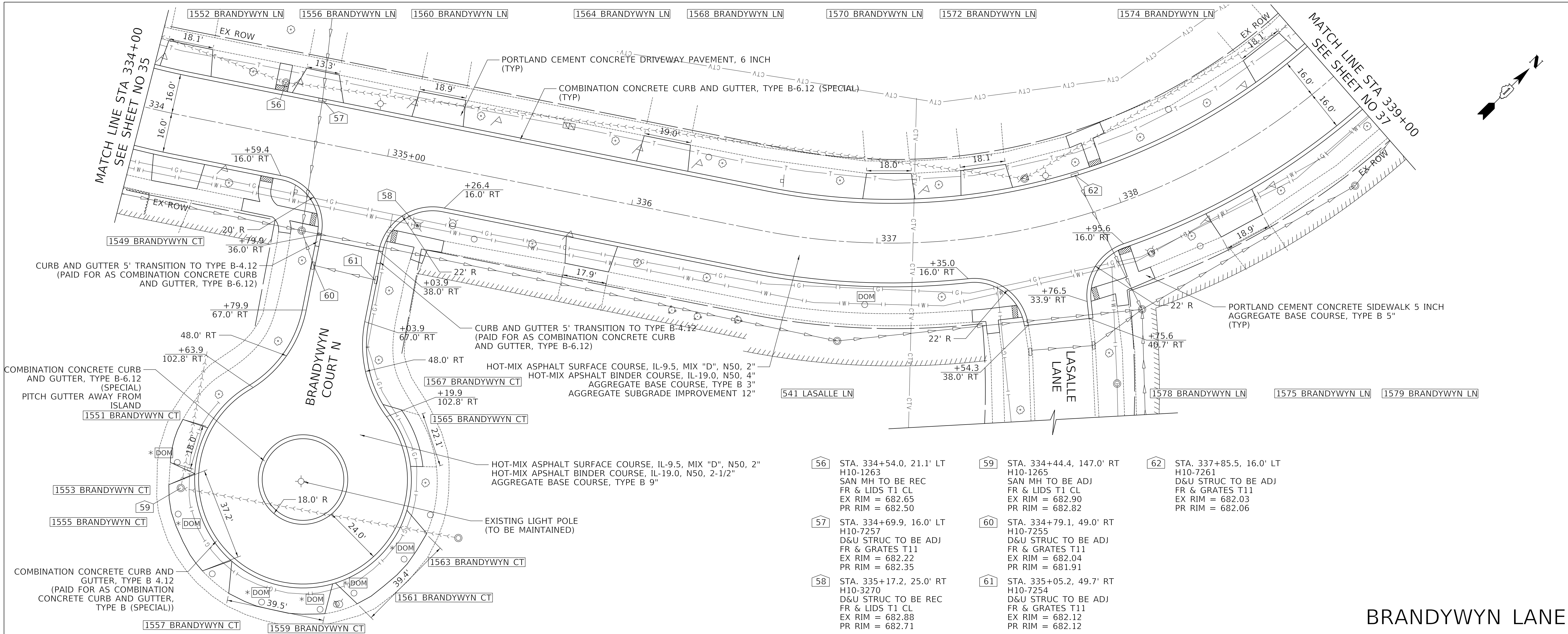
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SHEET 8 OF 12 SHEETS STA 324+00 TO STA 329+00

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
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CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

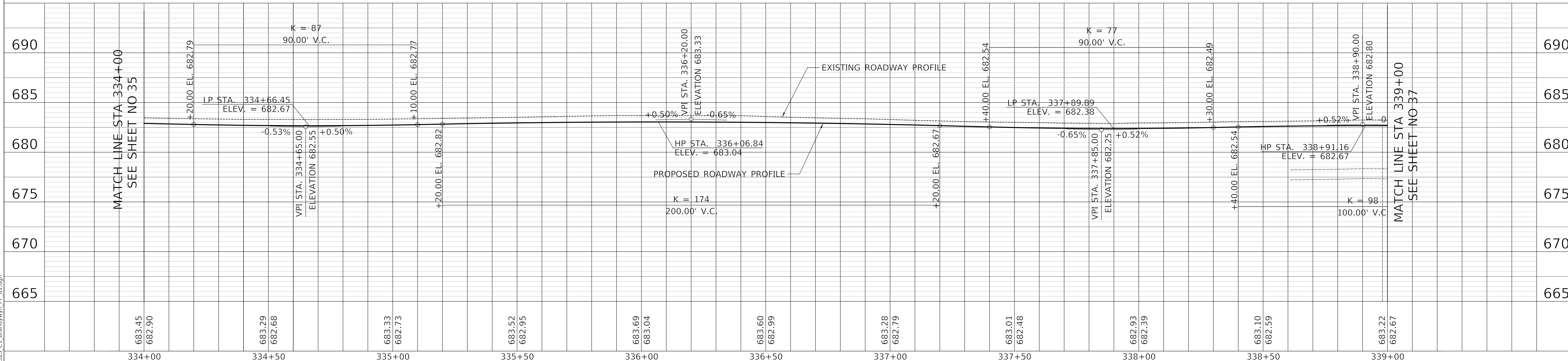
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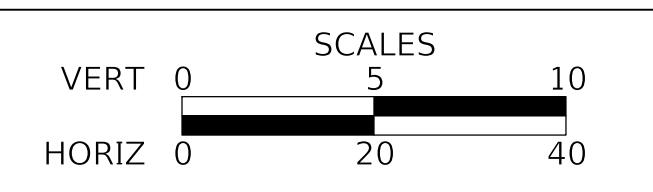
- 56 STA. 334+54.0, 21.1' LT
H10-1263
SAN MH TO BE REC
FR & LIDS T1 CL
EX RIM = 682.65
PR RIM = 682.50
- 57 STA. 334+69.9, 16.0' LT
H10-7257
D&U STRUC TO BE ADJ
FR & GRATES T11
EX RIM = 682.22
PR RIM = 682.35
- 58 STA. 335+17.2, 25.0' RT
H10-3270
D&U STRUC TO BE REC
FR & LIDS T1 CL
EX RIM = 682.88
PR RIM = 682.71
- 59 STA. 334+44.4, 147.0' RT
H10-1265
SAN MH TO BE ADJ
FR & LIDS T1 CL
EX RIM = 682.90
PR RIM = 682.82
- 60 STA. 334+79.1, 49.0' RT
H10-7255
D&U STRUC TO BE ADJ
FR & GRATES T11
EX RIM = 682.04
PR RIM = 681.91
- 61 STA. 335+05.2, 49.7' RT
H10-7254
D&U STRUC TO BE ADJ
FR & GRATES T11
EX RIM = 682.12
PR RIM = 682.12
- 62 STA. 337+85.5, 16.0' LT
H10-7261
D&U STRUC TO BE ADJ
FR & GRATES T11
EX RIM = 682.03
PR RIM = 682.06



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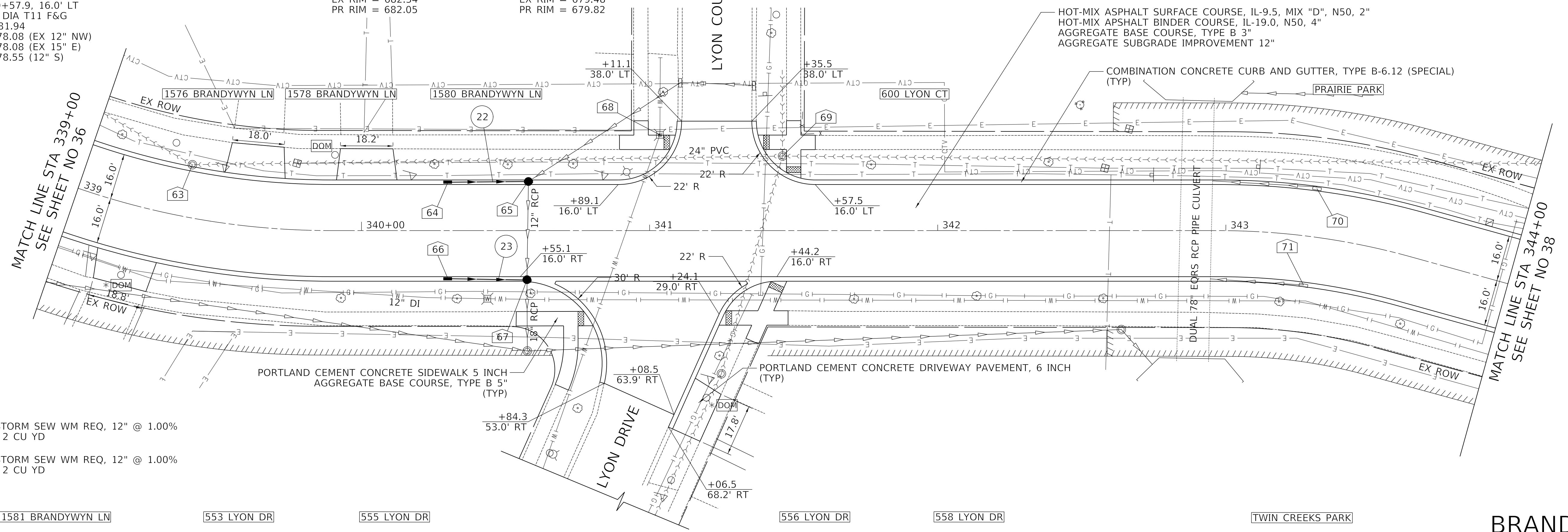
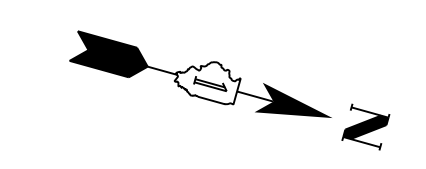
STATE OF ILLINOIS
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PLAN & PROFILE - BRANDYWYN LANE
SHEET 10 OF 12 SHEETS STA 334+00 TO STA 339+00

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	36
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

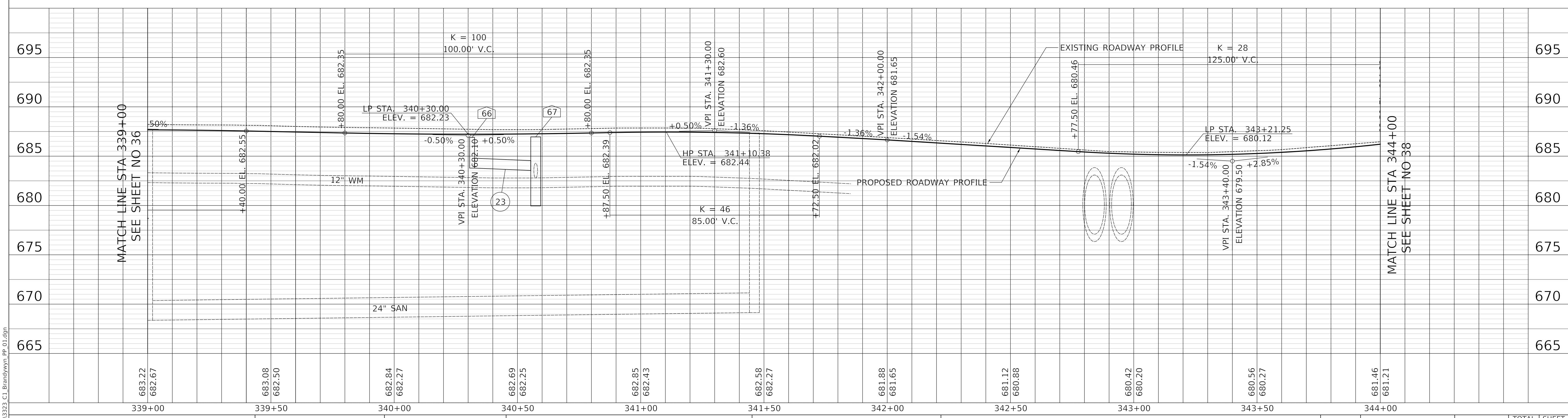
- 63 STA. 339+37.5, 18.2' LT
H10-1260
SAN MH TO BE ADJ
FR & LIDS T1 CL
EX RIM = 682.66
PR RIM = 682.68
- 64 STA. 340+30.0, 16.0' LT
INLET TA T11F&G
RIM = 681.90
INV = 678.80 (12" N)
- 65 STA. 340+57.9, 16.0' LT
CB TA 4 DIA T11 F&G
RIM = 681.94
INV = 678.08 (EX 12" NW)
INV = 678.08 (EX 15" E)
INV = 678.55 (12" S)
- 66 STA. 340+30.0, 16.0' RT
INLET TA T11F&G
RIM = 681.90
INV = 678.80 (12" N)
- 67 STA. 340+57.4, 16.2' RT
CB TA 4 DIA T11 F&G
RIM = 681.95
INV = 678.55 (12" S)
INV = 677.79 (EX 12" W)
INV = 677.79 (EX 18" E)
- 68 STA. 341+03.6, 33.3' LT
H10-3257
D&U STRUC TO BE REC
FR & LIDS T1 CL
EX RIM = 682.20
PR RIM = 682.05
- 69 STA. 341+46.1, 25.9' LT
H10-1271
SAN MH TO BE REC
FR & LIDS T1 CL
EX RIM = 682.34
PR RIM = 682.05
- 70 STA. 343+29.6, 16.0' LT
H10-7279
D&U STRUC TO BE ADJ
FR & GRATES T11
EX RIM = 679.52
PR RIM = 679.82
- 71 STA. 343+29.2, 16.0' RT
H10-7280
D&U STRUC TO BE ADJ
FR & GRATES T11
EX RIM = 679.48
PR RIM = 679.82



- 22 25' - STORM SEW WM REQ, 12" @ 1.00%
TBF = 2 CU YD
- 23 25' - STORM SEW WM REQ, 12" @ 1.00%
TBF = 2 CU YD

PLAN	SURVEYED	DATE
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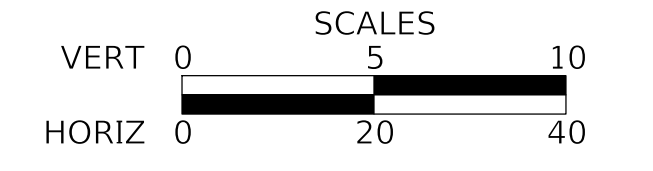
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PLAN & PROFILE - BRANDYWYN LANE
SHEET 11 OF 12 SHEETS STA 339+00 TO STA 344+00

FAU RTE 3260 2060	SECTION 16-00106-01-R5	COUNTY LAKE	TOTAL SHEETS 121	SHEET NO 37
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

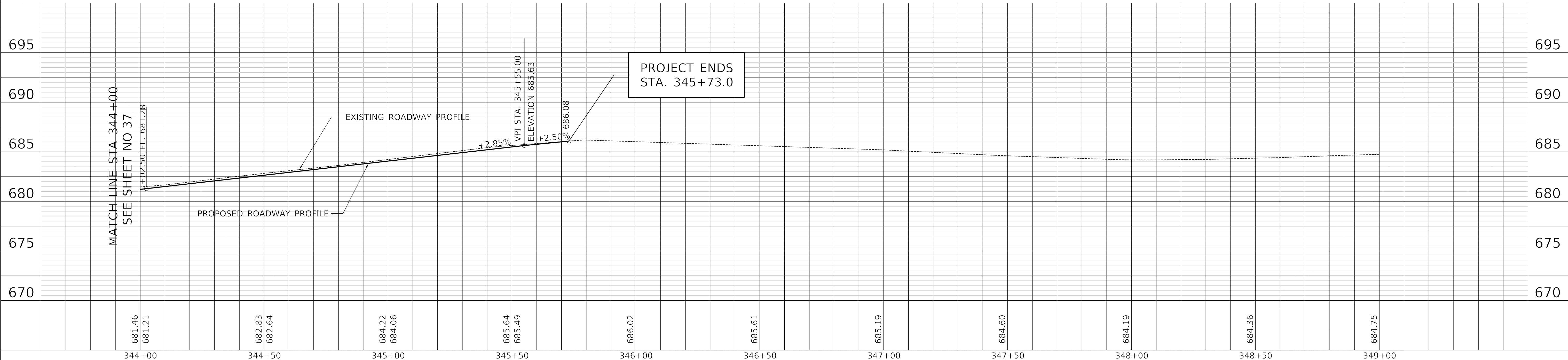
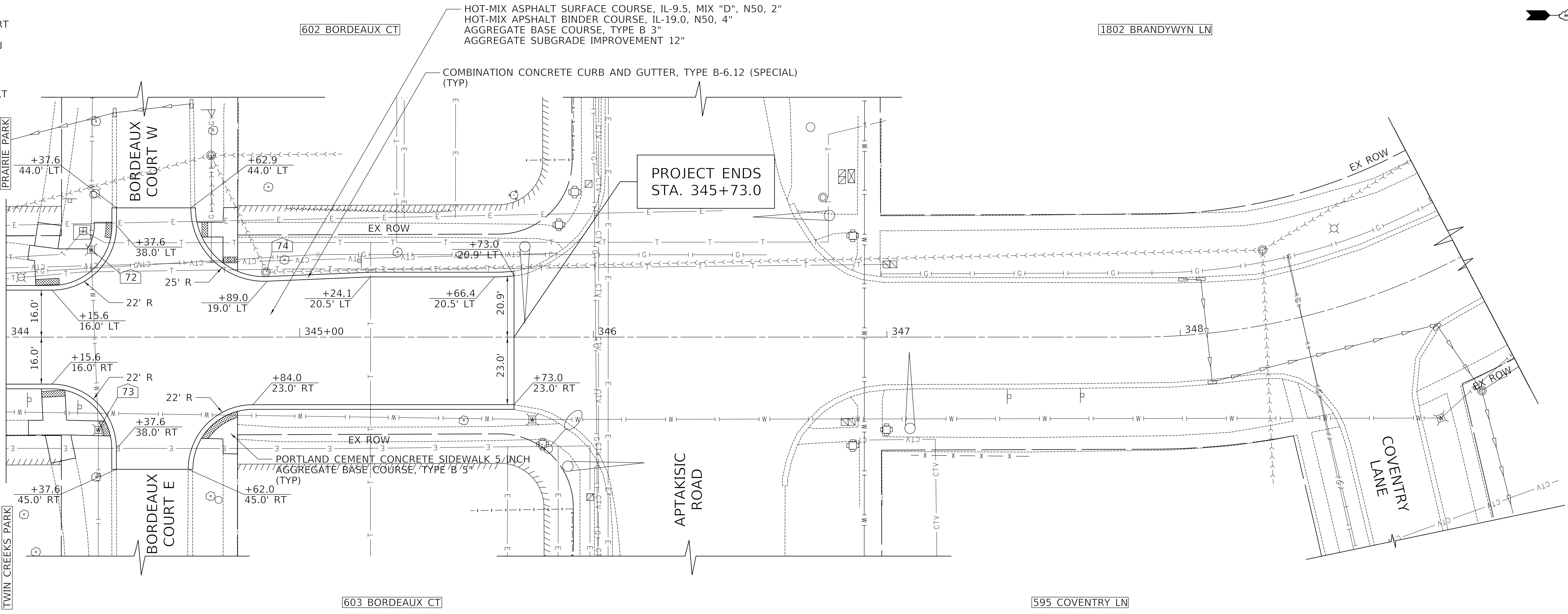
- 72 STA. 344+28.9, 29.8' LT
H10-3253
D&U STRUC TO BE ADJ
FR & LIDS T1 CL
EX RIM = 681.99
PR RIM = 682.15
- 73 STA. 344+31.4, 31.6' RT
H10-3252
D&U STRUC TO BE ADJ
FR & LIDS T1 CL
EX RIM = 681.97
PR RIM = 681.61
- 74 STA. 344+88.5, 22.1' LT
H10-1255
SAN MH TO BE ADJ
FR & LIDS T1 CL
EX RIM = 683.52
PR RIM = 683.85

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	STRUCTURE NOTATIONS CHECKED	
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PROFILE	SURVEYED	DATE
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	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
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MATCH LINE STA 344+00
SEE SHEET NO 37

MATCH LINE STA 344+00
SEE SHEET NO 37



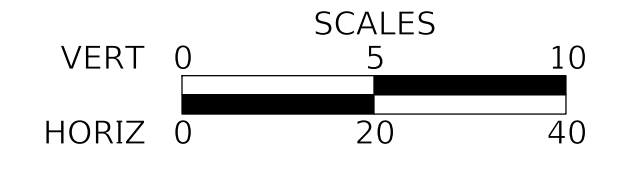
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PLAN & PROFILE - BRANDYWYN LANE
SHEET 12 OF 12 SHEETS STA 344+00 TO STA 345+73

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	38
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

MAINTENANCE OF TRAFFIC GENERAL NOTES

- NO WORK SHALL BEGIN UNTIL THE TRAFFIC CONTROL MEASURES ARE IN PLACE. THE CONTRACTOR SHALL AT ALL TIMES PROVIDE TRAFFIC PROTECTION BY THE APPLICATION OF TRAFFIC CONTROL DEVICES ACCORDING TO THE "STANDARD SPECIFICATIONS" AND AS SHOWN ON THE PLANS.
- THE PERMANENT TRAFFIC CONTROL SHOWN ON THE PLANS IS THE MINIMUM REQUIREMENT. ADDITIONAL TRAFFIC CONTROL DEVICES AS SPECIFIED BY THE ABOVE HIGHWAY STANDARDS AND THE SPECIAL PROVISIONS SHALL BE PLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. ALL TRAFFIC CONTROL DEVICES SHALL BE CONSIDERED INCLUDED IN THE LUMP SUM PAY ITEM "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)" UNLESS OTHERWISE SHOWN ON THE PLANS OR IN THE SPECIAL PROVISIONS.
- ALL TRAFFIC CONTROL WARNING SIGNS AND ASSOCIATED SIGNING MOUNTED WITH THE WARNING SIGNS SHALL HAVE BLACK LEGENDS AND BORDERS ON FLUORESCENT ORANGE REFLECTIVE SHEETING.
- ALL CONSTRUCTION SIGNS, BARRICADES AND OTHER DEVICES REQUIRED TO CONTROL TRAFFIC SHALL BE FURNISHED, INSTALLED AND MAINTAINED BY THE CONTRACTOR.
- ALL TRAFFIC CONTROL DEVICES SHALL BE REMOVED, COVERED OR TURNED AWAY FROM TRAFFIC IMMEDIATELY WHEN THEY ARE NO LONGER NECESSARY. WHEN A SIGN IS COVERED, ITS POST SHALL HAVE A REFLECTIVE 3 INCH X 6 INCH DELINEATOR INSTALLED.
- THE FIRST TWO WARNING SIGNS IN EACH DIRECTION OF TRAVEL SHALL BE EQUIPPED WITH MONO-DIRECTIONAL AMBER FLASHING LIGHTS DURING HOURS OF DARKNESS. FLAGS ARE OPTIONAL.
- TRAFFIC CONTROL DEPICTED IN THESE PLANS AND THE APPLICABLE IDOT DETAILS AND STANDARDS ARE THE MINIMUM REQUIREMENTS. OTHER WORK OR SIGNING MAY BE REQUIRED BY THE ENGINEER. TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS, DIVISION 700; APPLICABLE GUIDELINES IN THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS; AND APPLICABLE HIGHWAY STANDARDS FOR TRAFFIC CONTROL, UNLESS HEREIN REVISED.
- THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND TRAFFIC CONTROL DEVICES SHALL FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
- ALL SIGNS SHALL BE MOUNTED ON METAL POSTS, 7 FEET ABOVE THE EXISTING GROUND AND DRIVEN A MINIMUM OF 3 FEET INTO THE GROUND. A J.U.L.I.E. LOCATE SHALL BE PERFORMED PRIOR TO THE INSTALLATION OF THE POSTS.
- BARRICADES WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS WILL BE REQUIRED ADJACENT TO PAVEMENT EDGES WHERE WIDENING, CURB AND GUTTER OR OVERLAYING WORK IS BEING DONE, AS SPECIFIED IN SECTION 701 OF THE STANDARD SPECIFICATIONS. SPACING SHALL BE AS SHOWN ON THE CONSTRUCTION STAGING PLANS UNLESS OTHERWISE DIRECTED BY THE ENGINEER. BARRICADES THAT MUST BE PLACED IN EXCAVATED AREAS SHALL HAVE LEG EXTENSIONS INSTALLED SUCH THAT THE TOPS OF THE BARRICADES ARE IN COMPLIANCE WITH THE HEIGHT REQUIREMENTS OF STANDARD 701901.
- BARRICADES EQUIPPED WITH ONE-WAY FLASHING LIGHTS WILL BE REQUIRED AT ALL OPEN TRENCHES, EXCAVATIONS, OPEN OR EXPOSED SEWER STRUCTURES, AND AT ANY OTHER LOCATIONS DESIGNATED BY THE ENGINEER. BARRICADES SHALL BE PLACED AT 50' CENTERS ALONG TANGENTS, 25' ALONG TAPERS AND 10' AROUND RADII.
- TYPE III BARRICADES ARE TO BE PLACED IN ACCORDANCE WITH STANDARD 701901 UNLESS AUTHORIZED BY THE ENGINEER TO USE AN ALTERNATE ARRANGEMENT.
- THE CONTRACTOR SHALL INFORM THE ENGINEER OF ANY STAGE CHANGE AT LEAST TWO WEEKS IN ADVANCE OF THE CHANGE.
- EXISTING TRAFFIC CONTROL SIGNS AND DEVICES SHALL BE REMOVED OR RELOCATED BY THE CONTRACTOR AFTER THE TRAFFIC CONTROL REQUIREMENTS ARE MET OR AS AUTHORIZED BY THE ENGINEER; ANY SIGNS OR DEVICES LEFT IN PLACE ARE TO BE PROTECTED FROM DAMAGE AND MAINTAINED. ANY DAMAGE CAUSED BY HIS WORK SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.
- EXCEPT FOR APPROVED CLOSURES AS DEPICTED ON THE MAINTENANCE OF TRAFFIC PLANS, ALL ROADS SHALL BE KEPT OPEN TO TRAFFIC DURING THE ENTIRE CONSTRUCTION PERIOD. THE CONTRACTOR MAY CLOSE ONE LANE OF TRAFFIC (BECAUSE OF CONSTRUCTION) ONLY BETWEEN THE HOURS OF 9:00 AM AND 3:00 PM.
- WHEN NECESSARY TO CLOSE ONE LANE OF THE ROADWAY ON TWO-LANE ROADS, THE CONTRACTOR SHALL MAINTAIN TWO-WAY TRAFFIC DURING THE RESTRICTED HOURS WITH THE USE OF SIGNS AND FLAGGERS AS SHOWN ON THE TRAFFIC CONTROL STANDARDS. WHEN NECESSARY TO CLOSE ONE LANE OF THE ROADWAY ON FOUR-LANE ROADS, THE CONTRACTOR SHALL MAINTAIN TWO-WAY TRAFFIC DURING THE RESTRICTED HOURS WITH THE USE OF SIGNS AND BARRICADES AS SHOWN ON THE TRAFFIC CONTROL STANDARDS. ALL EXISTING LANES OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED BETWEEN 3:00 PM AND 9:00 AM WHEN NO CONSTRUCTION ACTIVITIES ARE BEING CARRIED ON. THE ENGINEER MAY WAIVE THE LANE CLOSURE TIME RESTRICTION AT HIS/HER DISCRETION.
- "WORKERS" SIGNS SHALL ONLY BE ERECTED WHEN WORKERS ARE PRESENT. SIGN MUST BE COVERED OR REMOVED WHEN NO WORKERS ARE PRESENT. THIS WORK SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".
- THE CONTRACTOR SHALL ERECT TEMPORARY STREET NAME SIGNS ON METAL POSTS THROUGHOUT CONSTRUCTION TO THE SATISFACTION OF THE ENGINEER. THE COST OF THESE SIGNS SHALL BE INCLUDED IN THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".
- QUANTITIES FOR SHORT-TERM PAVEMENT MARKINGS, SHORT-TERM PAVEMENT MARKING REMOVAL, TEMPORARY PAVEMENT MARKINGS, AND TEMPORARY PAVEMENT MARKING REMOVAL ARE NOT INCLUDED IN THE ITEM "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)" AND SHALL BE MEASURED SEPARATELY FOR PAYMENT.
- THE "ROAD CLOSED" (R11-2) SIGNS SHALL BE MOUNTED ON THE TYPE III BARRICADES. ALL TYPE III BARRICADES SHALL HAVE 2 AMBER TYPE A- LOW INTENSITY FLASHING LIGHTS SPACED NEAR THE CENTERLINES OF THE SUPPORTS.
- WHEN WORKING ADJACENT TO THE ROAD AND UTILIZING DAILY LANE CLOSURES, DROP-OFFS ADJACENT TO THE TRAVEL LANES SHALL BE KEPT TO A MINIMUM. DROP-OFFS GREATER THAN 18" WILL NOT BE ALLOWED WHEN TRAFFIC IS PRESENT IN THE ADJACENT LANE. THE CONTRACTOR WILL BE REQUIRED TO PERFORM THE EXCAVATION REQUIRED FOR THE CONSTRUCTION DURING THE TIME THAT THE ADJACENT LANE IS CLOSED. AS NOTED ABOVE, PRIOR TO REOPENING THE LANE TO TRAFFIC THE CONTRACTOR SHALL PLACE SUFFICIENT MATERIAL TO REDUCE THE DROP-OFF TO LESS THAN 18". ALL AREAS UNDERCUT FOR AGGREGATE SUBGRADE IMPROVEMENT SHALL NOT BE LEFT UNFILLED OVERNIGHT. DROP-OFFS GREATER THAN 24 INCHES SHALL NOT BE LEFT UNFILLED OVERNIGHT. THE CONTRACTOR SHALL BE RESPONSIBLE TO DETERMINE THE AMOUNT OF WORK THAT CAN BE COMPLETED WITHIN THE TIME OF THE DAILY LANE CLOSURE. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED TO COMPLY WITH THIS REQUIREMENT.
- UTILITY TRENCHES SHALL BE COVERED OR FILLED AT THE END OF EACH DAY. THIS WORK SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".
- SEE HIGHWAY STANDARDS AND DISTRICT ONE DETAILS FOR ADDITIONAL REQUIREMENTS AND INFORMATION.
- DRIVEWAY ACCESS AND ACCESS TO SIDE ROADS SHALL BE MAINTAINED AT ALL TIMES THROUGH THE USE OF "TEMPORARY ACCESS (PRIVATE ENTRANCE)" AND "TEMPORARY ACCESS (ROAD)". PEDESTRIAN ACCESS ACROSS ROADWAYS SHALL BE MAINTAINED AT ALL TIMES THROUGH THE USE OF "TEMPORARY ACCESS (ROAD)." AT THE DIRECTION OF THE ENGINEER, DRIVEWAYS MAY BE CLOSED FOR A MAXIMUM OF 7 DAYS TO FACILITATE DRIVEWAY, SIDEWALK, AND CURB AND GUTTER CONSTRUCTION. THE CONTRACTOR SHALL WORK COOPERATIVELY WITH THE RESIDENTS AND ENGINEER TO ACCOMMODATE ACCESS THROUGHOUT THE PROJECT.
- THE SIDEWALK ON ONE SIDE OF THE STREET MUST REMAIN OPEN AND ACCESSIBLE AT ALL TIMES. CONSTRUCTION STAGING SHALL BE COORDINATED WITH THE ENGINEER AND CONTRACTOR TO ENSURE ONE SIDEWALK REMAINS OPEN. SIGNING DIRECTING PEDESTRIANS TO THE OPEN SIDEWALK SHALL IN ACCORDANCE WITH IDOT HIGHWAY STANDARD 701801. THE WORK REQUIRED TO COMPLY WITH THESE REQUIREMENTS SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".

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DATE - 12/18/2019	REVISED -

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MAINTENANCE OF TRAFFIC – GENERAL NOTES

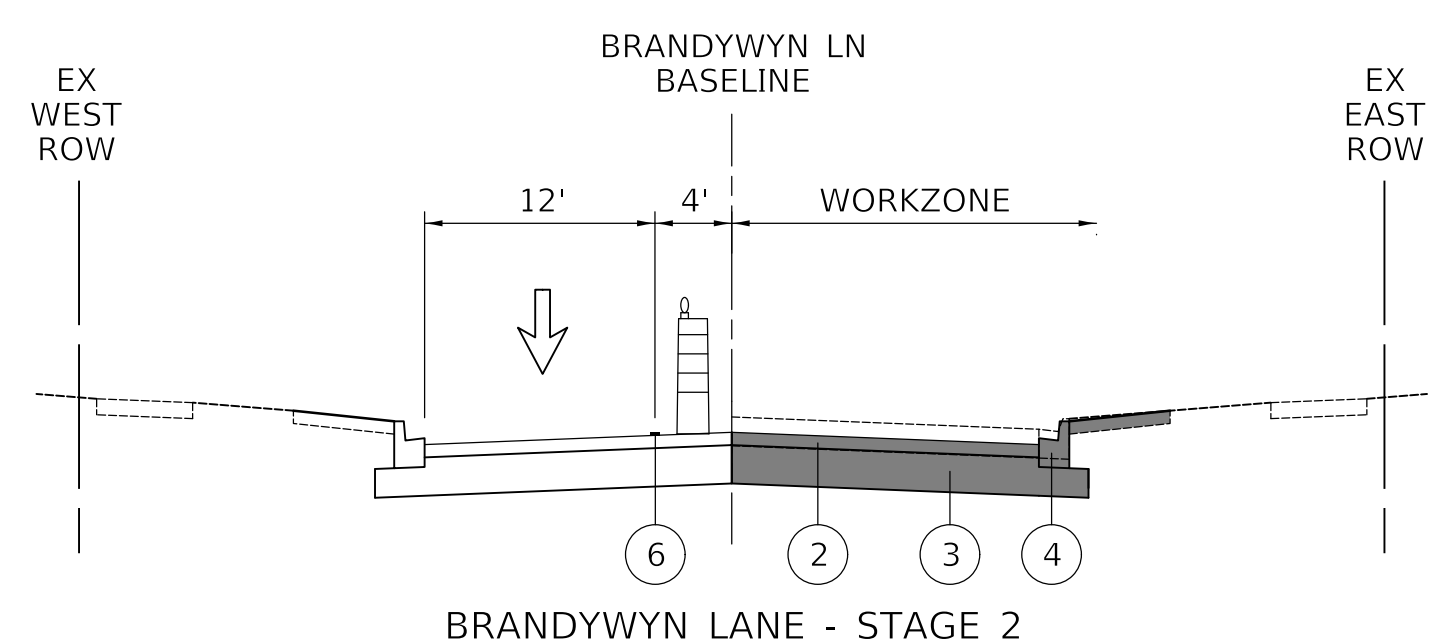
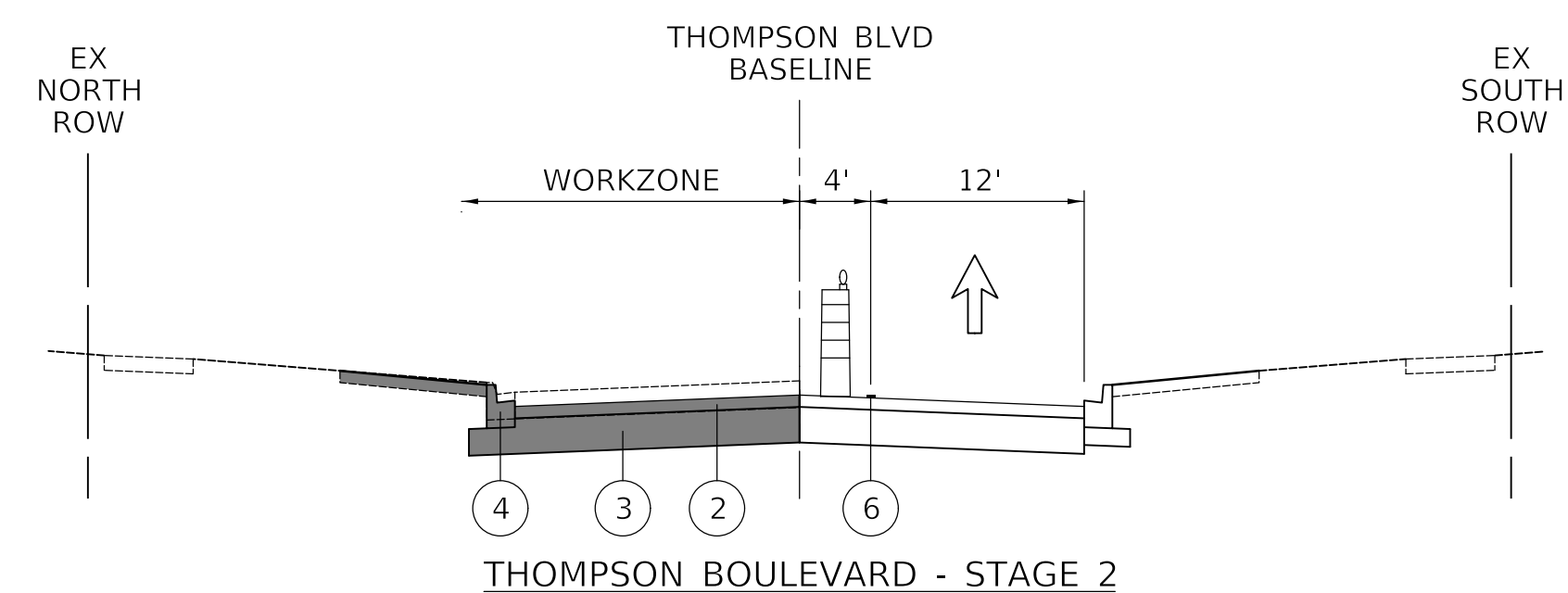
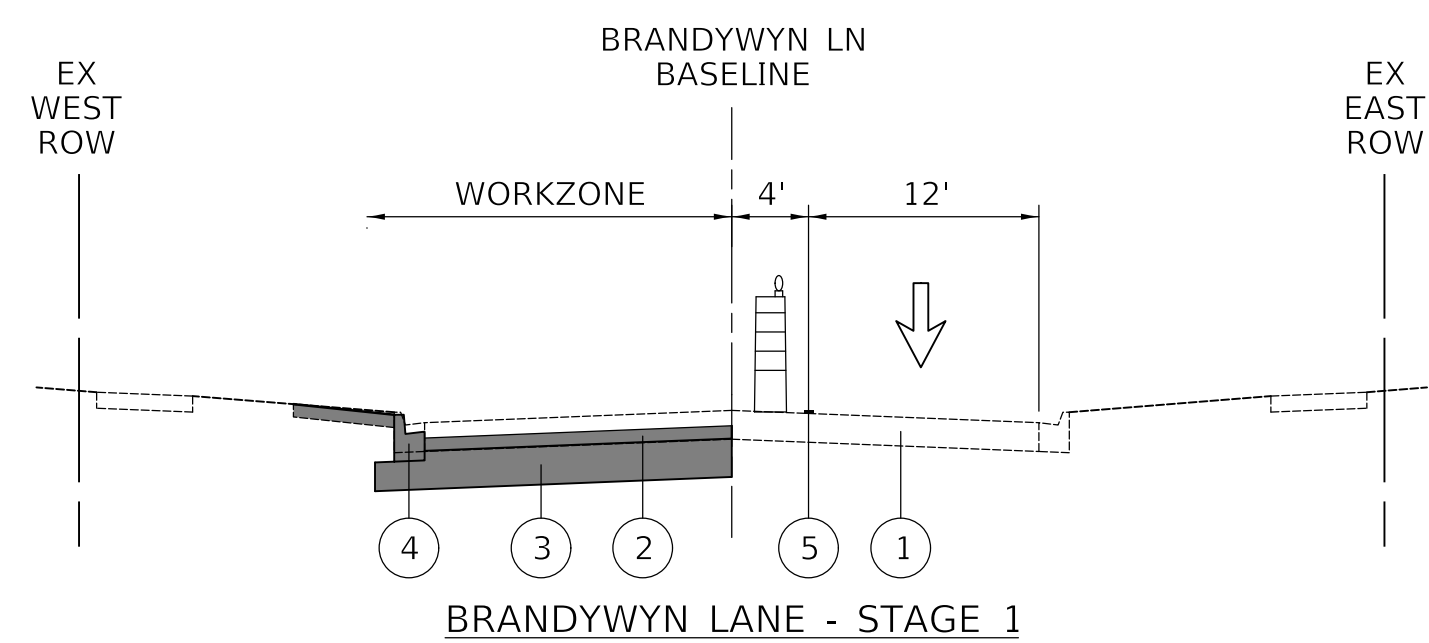
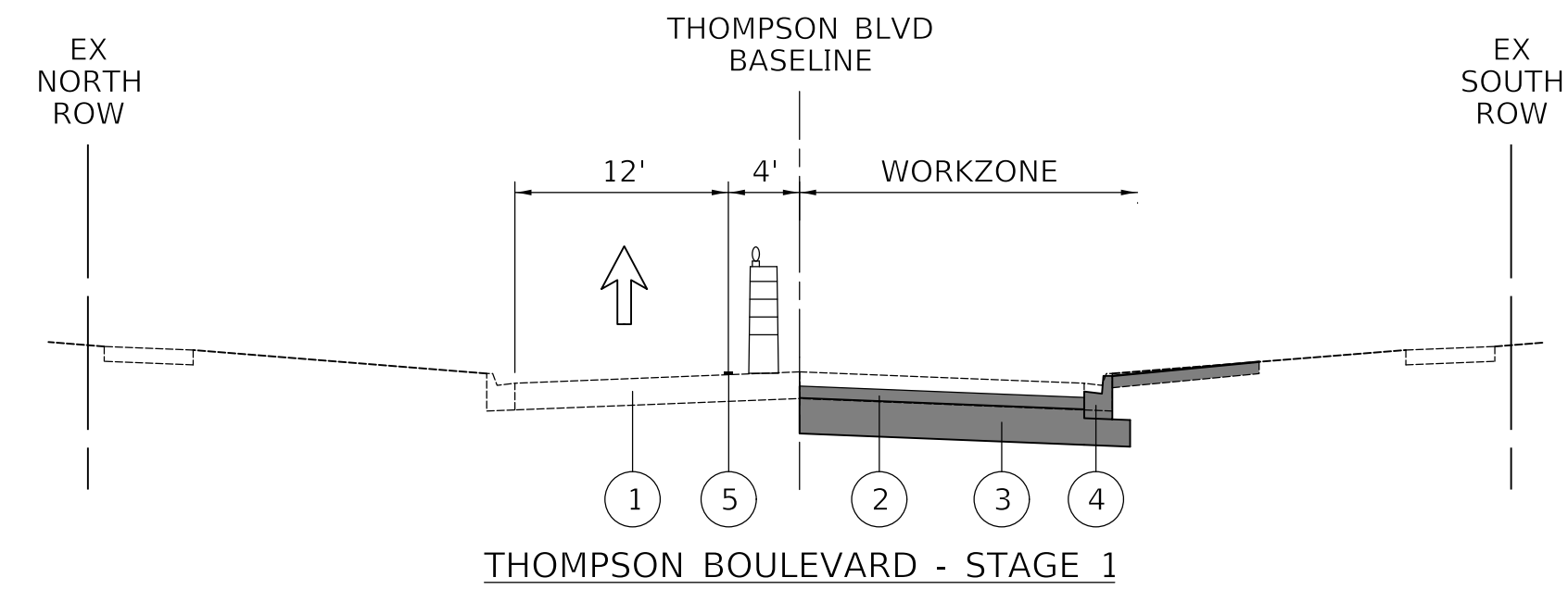
FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	39
CONTRACT NO 61G31				
SHEET 1 OF 2 SHEETS		STA	TO STA	
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SEQUENCE OF CONSTRUCTION

WORK ON THOMPSON BOULEVARD AND BRANDYWYN LANE MAY OCCUR AT THE SAME TIME. THE DETOUR OF SOUTHBOUND BRANDYWYN LANE AND CONSTRUCTION ON BRANDYWYN LANE MAY NOT BEGIN UNTIL SCHOOL DISTRICT 96 HAS ENDED ITS 2019-20 SESSION, THE TENTATIVE DATE OF WHICH IS JUNE 5, 2020. THE WEST SIDE OF BRANDYWYN LANE MUST BE CONSTRUCTED UP TO BINDER AND OPEN TO SOUTHBOUND TRAFFIC PRIOR TO SCHOOL DISTRICT 96 BEGINNING ITS 2020-21 SESSION, THE TENTATIVE DATE OF WHICH IS AUGUST 20, 2020. CONTRACTOR MUST COORDINATE DATES WITH:

KILDEER COUNTRYSIDE SCHOOL DISTRICT 96
1050 IVY HALL LANE
BUFFALO GROVE, IL 60089
847.459.4260

1. INSTALL TEMPORARY INFORMATION SIGNS SEVEN (7) DAYS IN ADVANCE OF CONSTRUCTION COMMENCEMENT.
2. PLACE ALL ADVANCE CONSTRUCTION SIGNS PER IDOT HIGHWAY STANDARD 701501. FURNISH AND INTALL ADDITIONAL TRAFFIC CONTROL AND PROTECTION MEASURES.
3. INSTALL EROSION CONTROL MEASURES AND TREE PROTECTION. PERFORM TREE ROOT PRUNING.
4. CONSTRUCT TEMPORARY PAVEMENT ALONG THE SOUTH AND WEST LEGS OF THE INTERSECTION AT BRANDYWN AND THOMPSON.
5. REMOVE CONFLICTING PAVEMENT MARKINGS AND PLACE TEMPORARY MARKINGS AS SHOWN IN MOT PLAN - STAGE 1. IMPLEMENT TEMPORARY TRAFFIC SIGNAL TIMINGS. IMPLEMENT WESTBOUND THOMPSON BOULEVARD DETOUR. IMPLEMENT NORTHBOUND BRANDYWYN LANE DETOUR. BEGIN ONE-WAY TRAFFIC ALONG BOTH ROADS.
6. REMOVE THE EXISTING COMBINATION CURB AND GUTTER, DRIVEWAY PAVEMENT, ROADWAY PAVEMENT, AND SIDEWALKS ON THE SOUTH SIDE OF THOMPSON BOULEVARD AND THE WEST SIDE OF BRANDYWYN LANE.
7. CONSTRUCT STORM SEWERS AND DRAINAGE STRUCTURES. TRAFFIC SHALL BE MAINTAINED THROUGH THE USE OF FLAGGERS IN ACCORDANCE WITH IDOT HIGHWAY STANDARD 701501. A QUANTITY FOR "CLASS D PATCH, 4 INCH" HAS BEEN INCLUDED FOR PATCHING THE EXISTING PAVEMENT AT EACH LATERAL TO BE CONSTRUCTED.
8. PROOF ROLL THE EXISTING SUBGRADE AND PERFORM UNDER OPERATIONS AT LOCATIONS DIRECTED BY THE ENGINEER.
9. INSTALL GEOTECHNICAL FABRIC AND AGGREGATE SUBGRADE. CONSTRUCT ROADWAY PAVEMENT THROUGH THE BINDER COURSE.
10. CONSTRUCT NEW COMBINATION CURB AND GUTTER, DRIVEWAY PAVEMENT, ROADWAY PAVEMENT, AND SIDEWALK ON THE SOUTH SIDE OF THOMPSON BOULEVARD AND THE WEST SIDE OF BRANDYWYN LANE. GAP THE EXISTING STRUCTURES THAT REQUIRE ADJUSTMENT.
11. REMOVE CONFLICTING PAVEMENT MARKINGS AND PLACE TEMPORARY MARKINGS AS SHOWN IN MOT PLAN - STAGE 2. SHIFT ONE-WAY TRAFFIC TO THE SOUTH SIDE OF THOMPSON BOULEVARD AND THE WEST SIDE OF BRANDYWYN LANE.
12. REMOVE THE EXISTING COMBINATION CURB AND GUTTER, DRIVEWAY PAVEMENT, ROADWAY PAVEMENT, AND SIDEWALKS ON THE NORTH SIDE OF THOMPSON BOULEVARD AND THE EAST SIDE OF BRANDYWYN LANE.
13. PROOF ROLL THE EXISTING SUBGRADE AND PERFORM UNDER OPERATIONS AT LOCATIONS DIRECTED BY THE ENGINEER.
14. INSTALL GEOTECHNICAL FABRIC AND AGGREGATE SUBGRADE. CONSTRUCT ROADWAY PAVEMENT THROUGH THE BINDER COURSE.
15. CONSTRUCT NEW AGGREGATE BASE COURSE, COMBINATION CURB AND GUTTER, DRIVEWAY PAVEMENT, ROADWAY PAVEMENT, AND SIDEWALK ON THE NORTH SIDE OF THOMPSON BOULEVARD AND THE EAST SIDE OF BRANDYWYN LANE. GAP THE EXISTING STRUCTURES THAT REQUIRE ADJUSTMENT.
16. PLACE TEMPORARY PAVEMENT MARKINGS TO MATCH THE FINAL PAVEMENT MARKINGS AS SHOWN ON THE STRIPING PLAN.
17. END TEMPORARY TRAFFIC SIGNAL TIMINGS. OPEN THOMPSON BOULEVARD AND BRANDYWYN LANE TO TWO-WAY TRAFFIC.
18. COMPLETE LANDSCAPING RESTORATION.
19. PLACE SURFACE COURSE ALONG BOTH ROADS. TWO-WAY TRAFFIC SHALL BE MAINTAINED THROUGH THE USE OF FLAGGERS IN ACCORDANCE WITH IDOT HIGHWAY STANDARD 701501.
20. INSTALL PERMANENT STRIPING.
21. REMOVE CONSTRUCTION SIGNS.



LEGEND

- ① EXISTING PAVEMENT
- ② PROPOSED HMA BINDER
- ③ PROPOSED AGGREGATE SUBGRADE
- ④ PROPOSED CURB AND GUTTER
- ⑤ LINE 4" (WHITE EDGE LINE)
- ⑥ LINE 4" (YELLOW EDGE LINE)
- CONSTRUCTION ZONE
- ↑ TRAFFIC FLOW
- ⏏ DRUMS WITH MONO-DIRECTIONAL STEADY-BURN LIGHT

PLAN	SURVEYED	DATE
	PLOTTED	
NOTE BOOK NO.	ALIGNMENT CHECKED	
	FIELD FILE NAME	

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

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DATE - 12/18/2019	REVISED -

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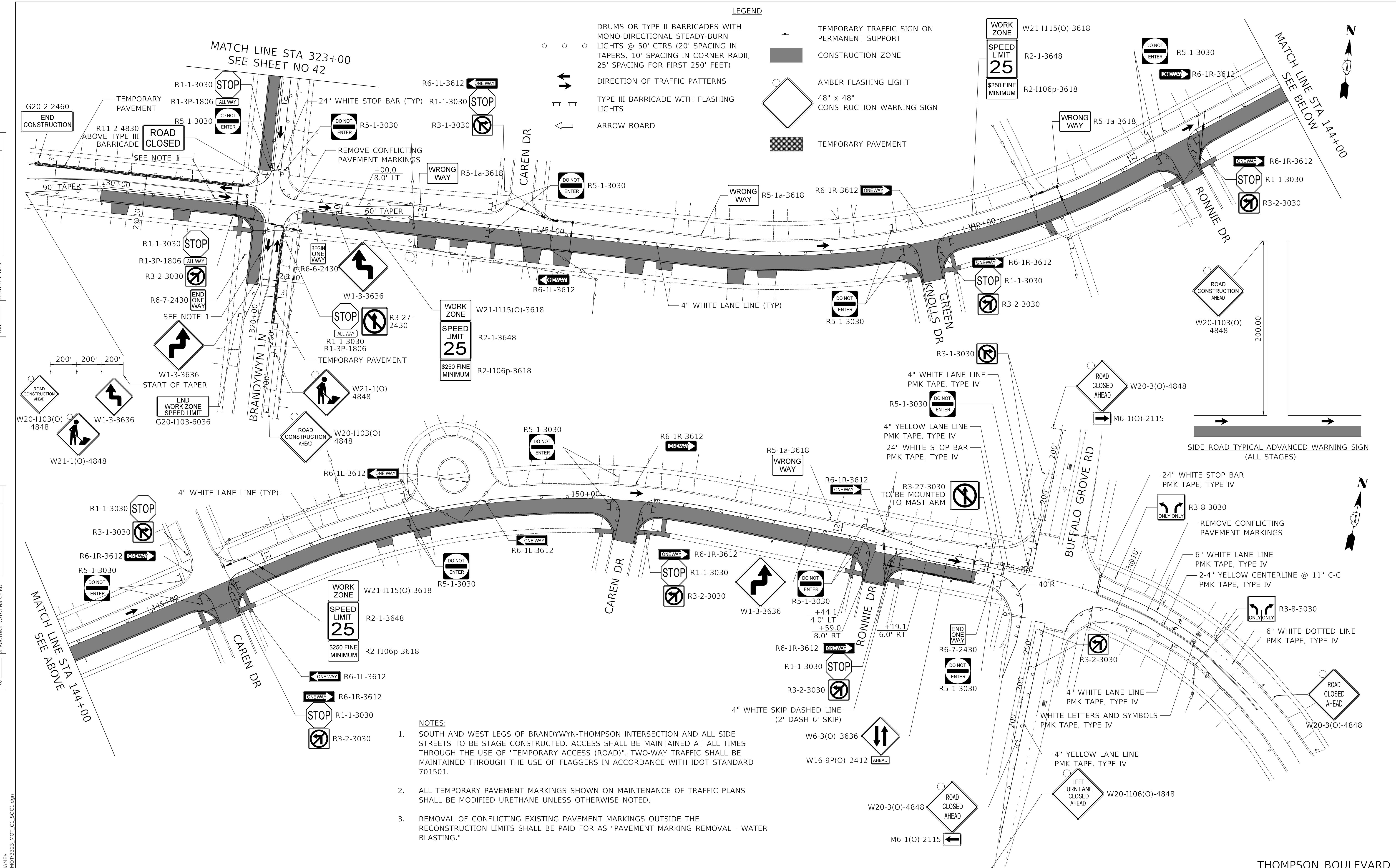
MAINTENANCE OF TRAFFIC - GENERAL NOTES

SHEET 2 OF 2 SHEETS STA TO STA

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	40
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
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	FILE NAME	

PROFILE	SURVEYED	DATE
	GRADES	
	CHECKED	
	NO. _____	
	FILE NAME	



LEGEND

- ○ ○ DRUMS OR TYPE II BARRICADES WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS @ 50' CTRS (20' SPACING IN TAPERS, 10' SPACING IN CORNER RADII, 25' SPACING FOR FIRST 250' FEET)
- ↔ DIRECTION OF TRAFFIC PATTERNS
- ⇄ TYPE III BARRICADE WITH FLASHING LIGHTS
- ← ARROW BOARD
- TEMPORARY TRAFFIC SIGN ON PERMANENT SUPPORT
- CONSTRUCTION ZONE
- ◇ AMBER FLASHING LIGHT
- ◇ 48" x 48" CONSTRUCTION WARNING SIGN
- TEMPORARY PAVEMENT

NOTES:

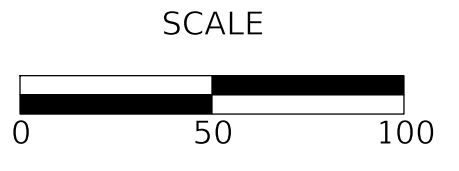
1. SOUTH AND WEST LEGS OF BRANDYWYN-THOMPSON INTERSECTION AND ALL SIDE STREETS TO BE STAGE CONSTRUCTED. ACCESS SHALL BE MAINTAINED AT ALL TIMES THROUGH THE USE OF "TEMPORARY ACCESS (ROAD)". TWO-WAY TRAFFIC SHALL BE MAINTAINED THROUGH THE USE OF FLAGGERS IN ACCORDANCE WITH IDOT STANDARD 701501.
2. ALL TEMPORARY PAVEMENT MARKINGS SHOWN ON MAINTENANCE OF TRAFFIC PLANS SHALL BE MODIFIED URETHANE UNLESS OTHERWISE NOTED.
3. REMOVAL OF CONFLICTING EXISTING PAVEMENT MARKINGS OUTSIDE THE RECONSTRUCTION LIMITS SHALL BE PAID FOR AS "PAVEMENT MARKING REMOVAL - WATER BLASTING."



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MAINTENANCE OF TRAFFIC - STAGE 1

SHEET	1	OF	2	SHEETS	STA	TO	STA
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FAU RTE	3260	SECTION	16-00106-01-R5	COUNTY	LAKE	TOTAL SHEETS	121	SHEET NO	41
						CONTRACT NO 61G31			
						ILLINOIS FED AID PROJECT			

THOMPSON BOULEVARD

PLAN	SURVEYED	DATE
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	ALIGNMENT CHECKED	
	NOTE BOOK	
	NO.	
	CADD FILE NAME	
	NO.	

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

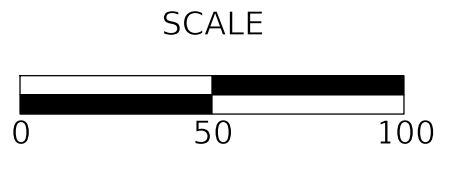
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DATE	-	12/18/2019	REVISED	-

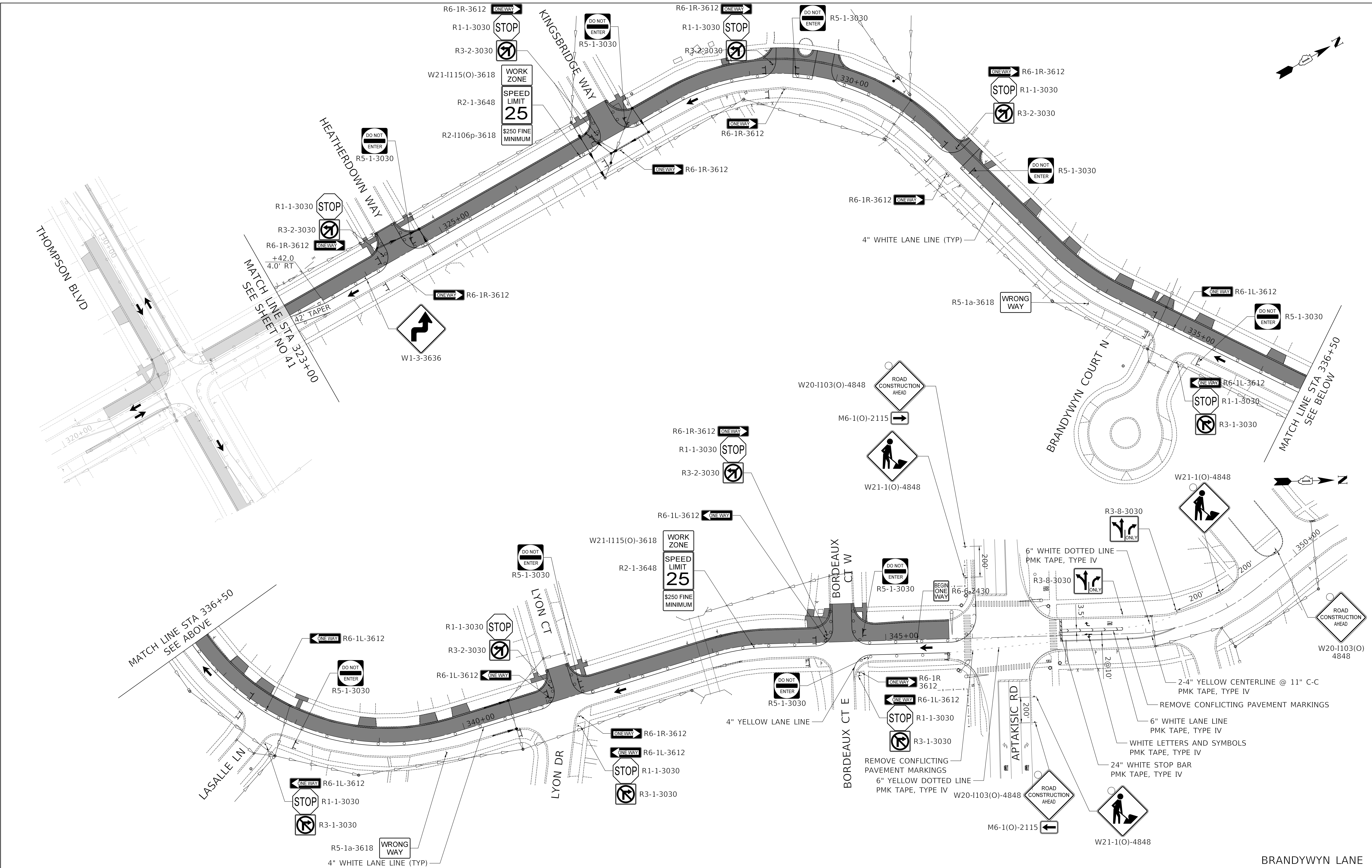
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MAINTENANCE OF TRAFFIC - STAGE 1

SHEET 2 OF 3 SHEETS STA TO STA

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
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CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

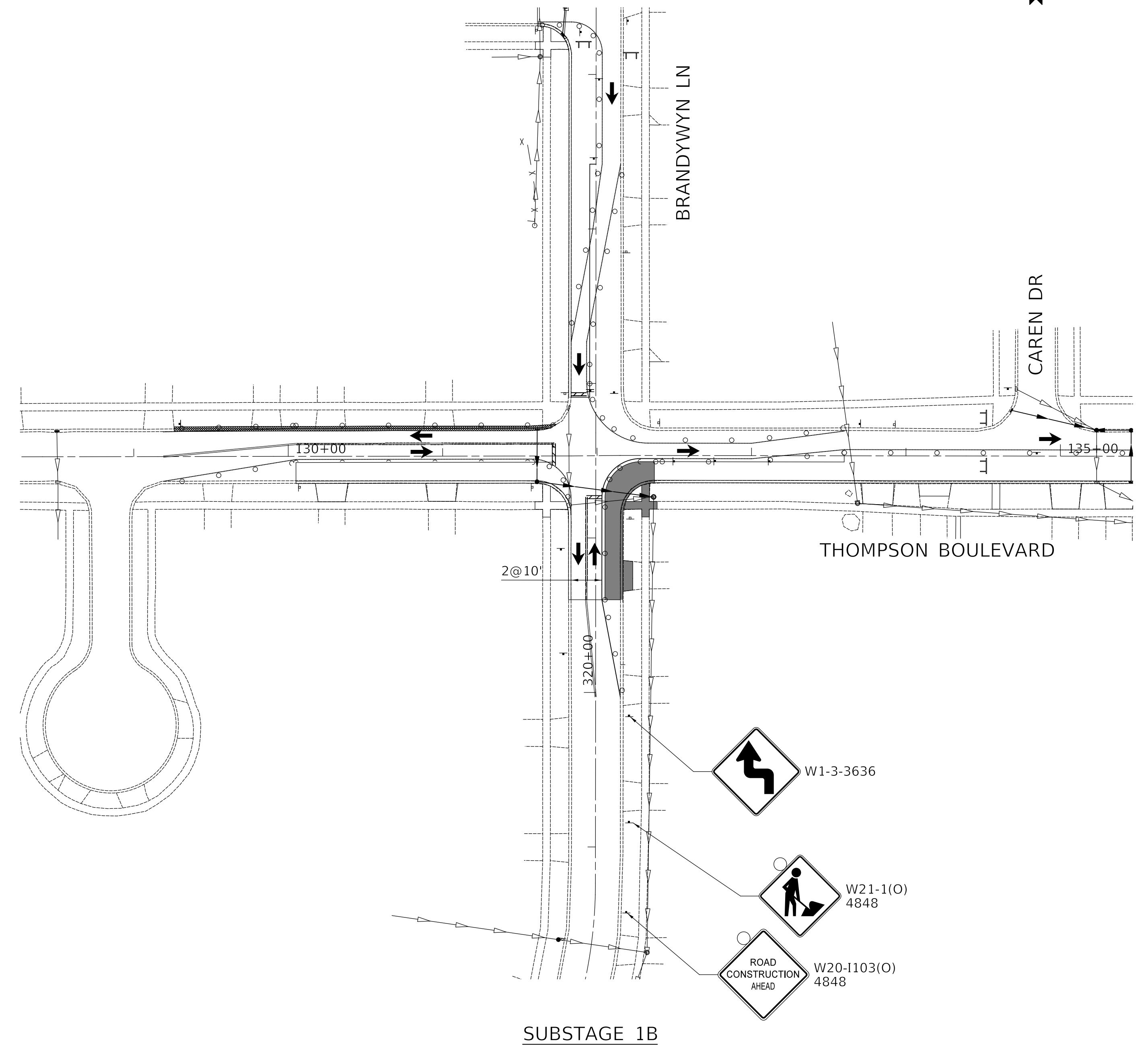
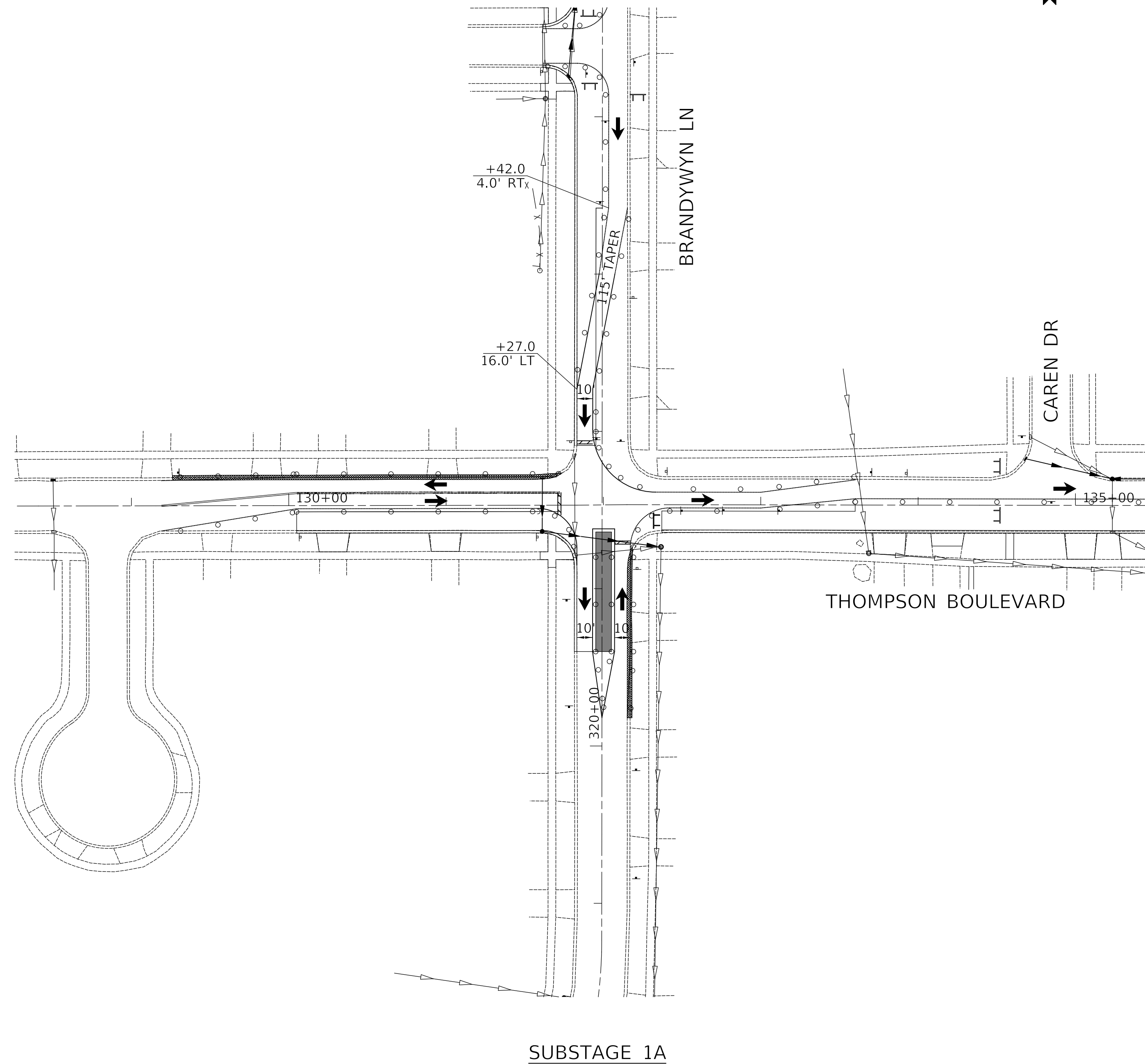


BRANDYWYN LANE

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NOTE BOOK NO.	ALIGNMENT CHECKED		
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PROFILE	SURVEYED	BY	DATE
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NOTE BOOK NO.	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		

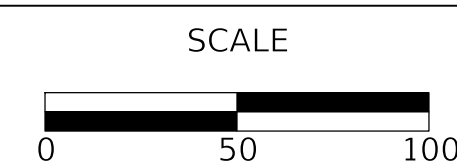
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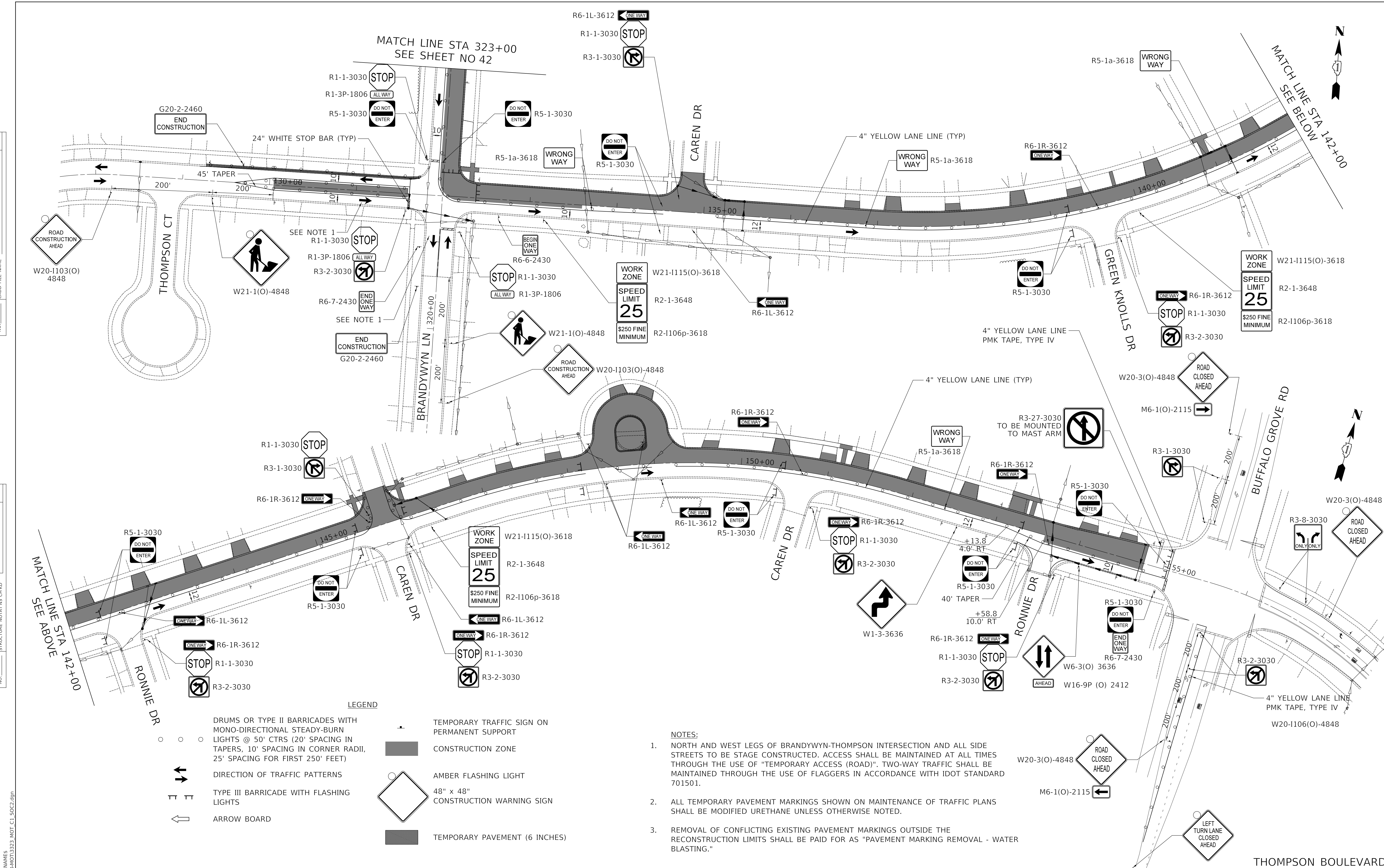
MAINTENANCE OF TRAFFIC - STAGE 1

SHEET 2 OF 2 SHEETS STA TO STA

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	43
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

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	GRADES	
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	FILE NAME	



LEGEND

	DRUMS OR TYPE II BARRICADES WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS @ 50' CTRS (20' SPACING IN TAPERS, 10' SPACING IN CORNER RADII, 25' SPACING FOR FIRST 250' FEET)		TEMPORARY TRAFFIC SIGN ON PERMANENT SUPPORT
	DIRECTION OF TRAFFIC PATTERNS		CONSTRUCTION ZONE
	TYPE III BARRICADE WITH FLASHING LIGHTS		AMBER FLASHING LIGHT
	ARROW BOARD		48" x 48" CONSTRUCTION WARNING SIGN
			TEMPORARY PAVEMENT (6 INCHES)

- NOTES:**
- NORTH AND WEST LEGS OF BRANDYWYN-THOMPSON INTERSECTION AND ALL SIDE STREETS TO BE STAGE CONSTRUCTED. ACCESS SHALL BE MAINTAINED AT ALL TIMES THROUGH THE USE OF "TEMPORARY ACCESS (ROAD)". TWO-WAY TRAFFIC SHALL BE MAINTAINED THROUGH THE USE OF FLAGGERS IN ACCORDANCE WITH IDOT STANDARD 701501.
 - ALL TEMPORARY PAVEMENT MARKINGS SHOWN ON MAINTENANCE OF TRAFFIC PLANS SHALL BE MODIFIED URETHANE UNLESS OTHERWISE NOTED.
 - REMOVAL OF CONFLICTING EXISTING PAVEMENT MARKINGS OUTSIDE THE RECONSTRUCTION LIMITS SHALL BE PAID FOR AS "PAVEMENT MARKING REMOVAL - WATER BLASTING."

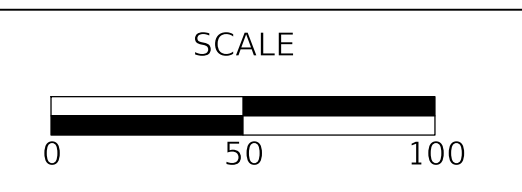
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MAINTENANCE OF TRAFFIC - STAGE 2

SHEET 1 OF 3 SHEETS STA TO STA

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	44
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

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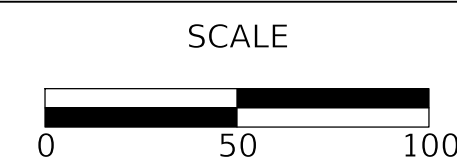
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DATE	-	12/18/2019	REVISED	-

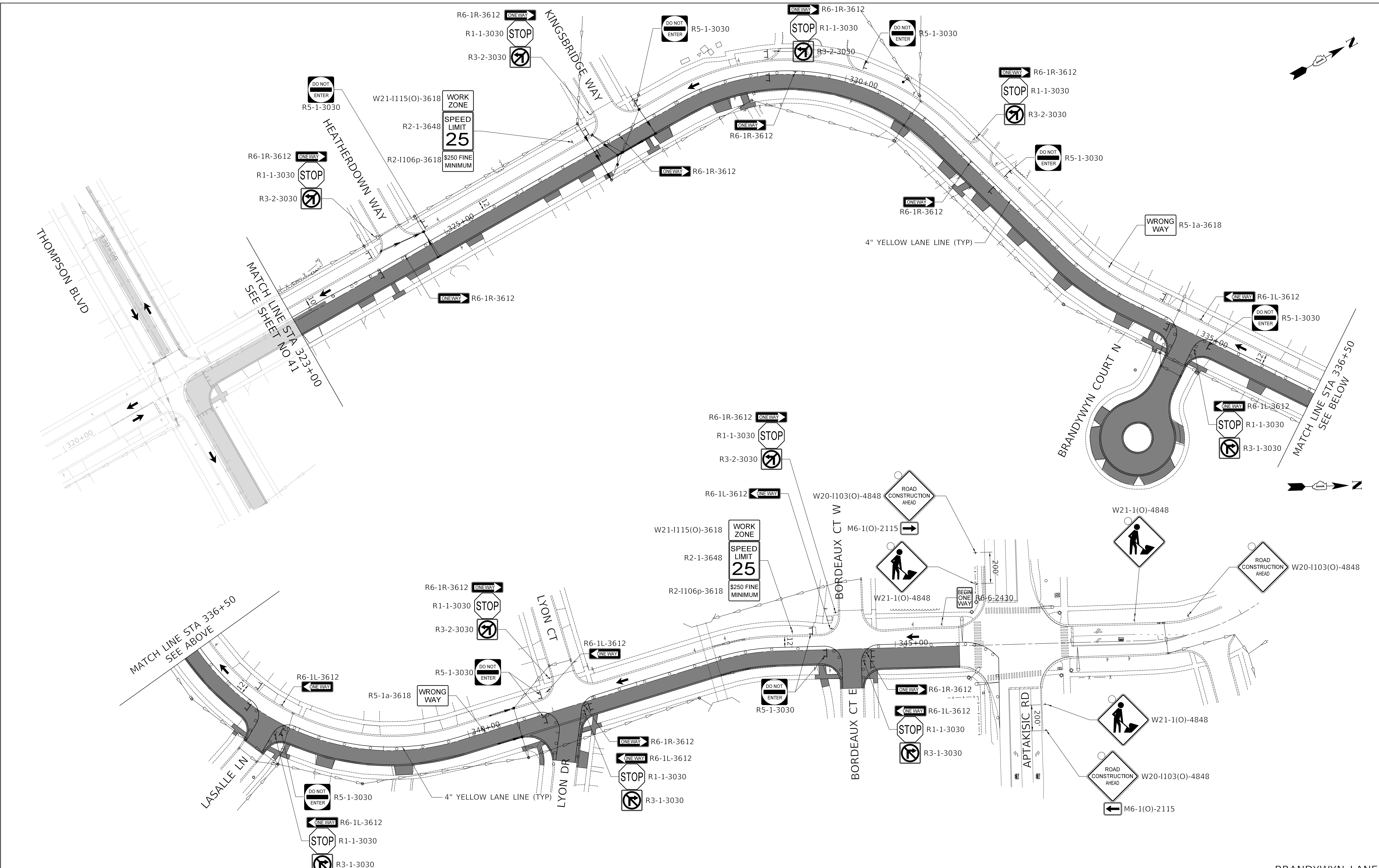
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DEPARTMENT OF TRANSPORTATION



MAINTENANCE OF TRAFFIC - STAGE 2

SHEET	2	OF	3	SHEETS	STA	TO	STA
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FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	45
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

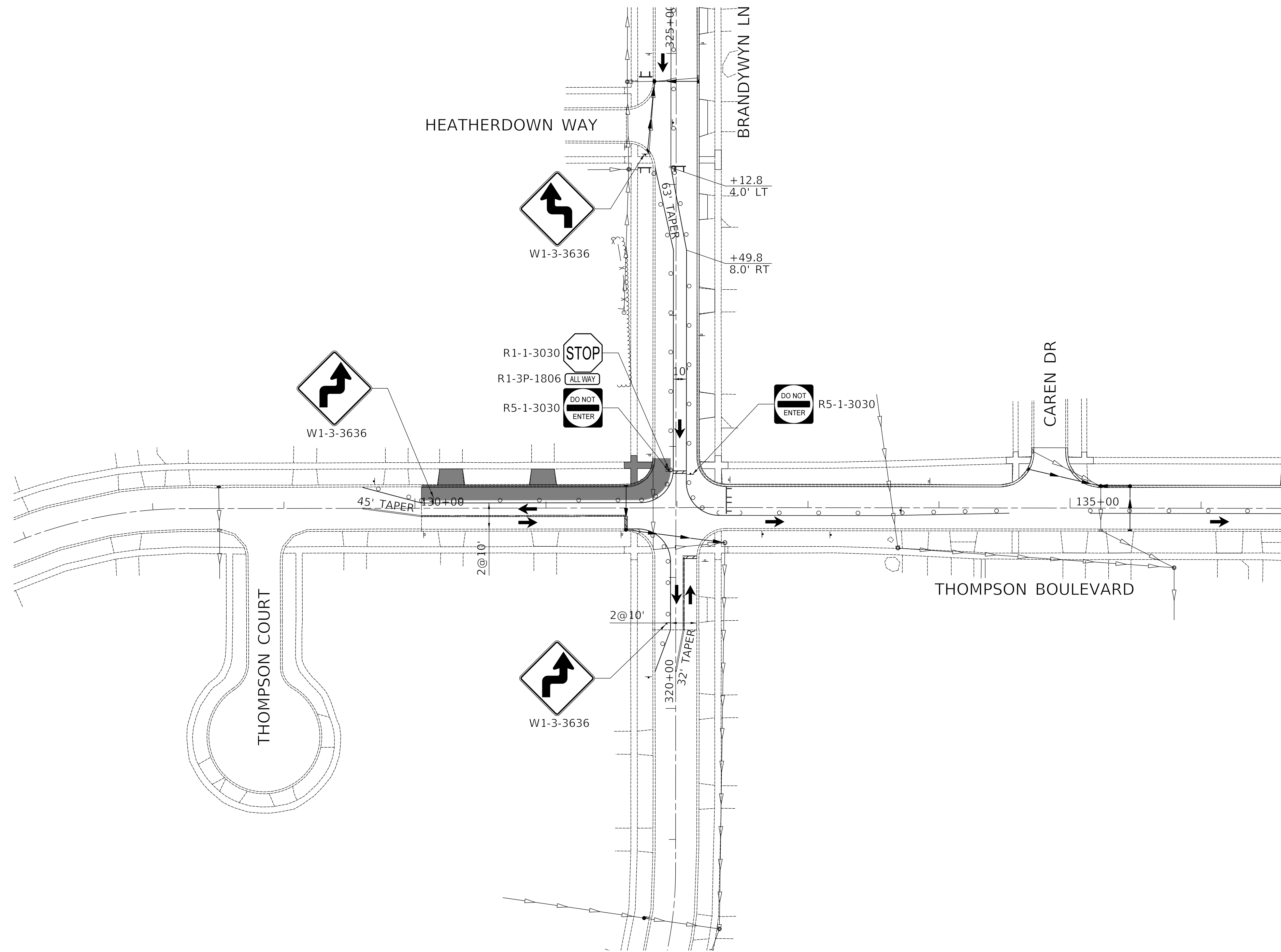


BRANDYWYN LANE



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PROFILE	SURVEYED	DATE
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SUBSTAGE 2A

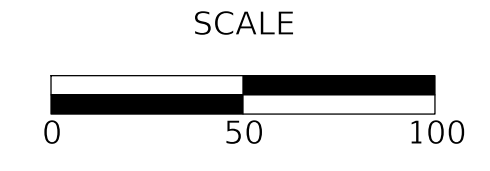
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DATE -	12/18/2019	REVISED -	

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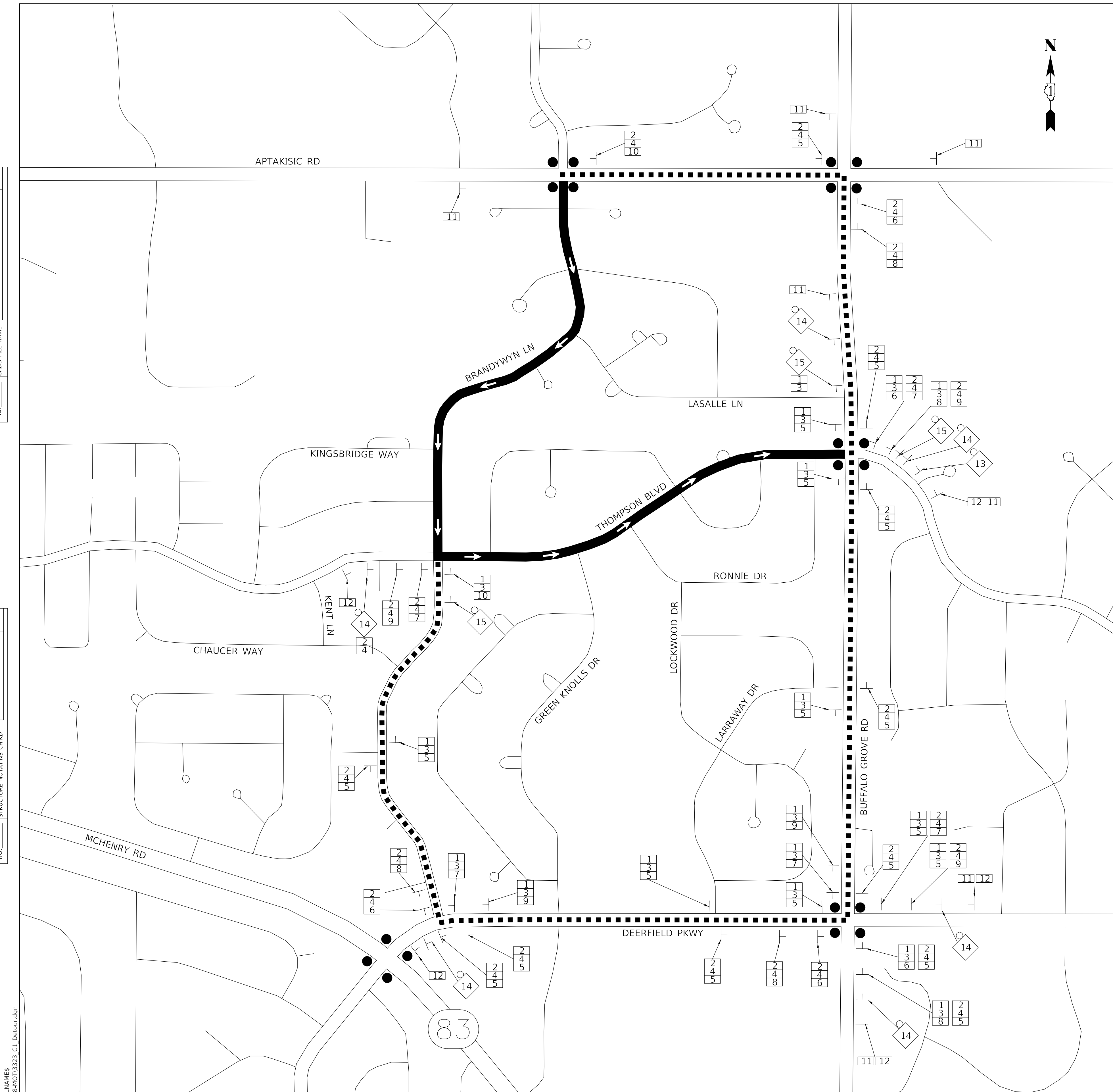


SCALE
MAINTENANCE OF TRAFFIC - STAGE 2A
SHEET 3 OF 3 SHEETS STA TO STA

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	46
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
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PROFILE	SURVEYED	DATE
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	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	



LEGEND

- SIGNALIZED INTERSECTION
- 48"X48" CONSTRUCTION WARNING SIGN WITH AMBER FLASHING LIGHT, NUMBER DENOTES TYPE
- M4-9 SERIES DETOUR SIGN WITH ROAD NAME AND DIRECTION PLATES, NUMBER DENOTES TYPE
- OTHER DETOUR SIGNS, NUMBER DENOTES TYPE
- CONSTRUCTION WORK ZONE, MAINTAINING ONE-WAY TRAFFIC
- DETOUR ROUTE

- NOTES**
- ALL DETOUR SIGNING SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".
 - PARKWAY SPACE IS LIMITED. CONTRACTOR WILL MAKE SURE THESE SIGNS DO NOT BLOCK THE SIDEWALK OR EXTEND ONTO THE STREET.
 - ALL DETOUR SIGN SPACING SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 DETAIL TC-21.
 - THE PAY ITEM "TEMPORARY TRAFFIC SIGNAL TIMING" SHALL BE INCLUDED AT THE INTERSECTIONS OF APTAKISIC ROAD/BRANDYWYN LANE, APTAKISIC ROAD/BUFFALO GROVE ROAD, BUFFALO GROVE ROAD/THOMPSON BOULEVARD, AND BUFFALO GROVE ROAD/DEERFIELD PARKWAY WHILE THE DETOUR IS IN OPERATION.

SCHEDULE OF SIGNS

SIGN NO.	SIGN TYPE
1	WEST M3-1(O)-2412
2	NORTH M3-3(O)-2412
3	Thompson Blvd W17-1100-3612
4	Brandywyn Ln W17-1100-3612
5	DETOUR M4-9(O)-3030
6	DETOUR M4-9L(O)-3024
7	DETOUR M4-9R(O)-3024
8	DETOUR M4-9L(O)-3030
9	DETOUR M4-9R(O)-3030
10	END DETOUR M4-8A(O)-2418
11	WESTBOUND Thompson Blvd CLOSED AT Buffalo Grove Rd SPECIAL-4836
12	NORTHBOUND Brandywyn Ln CLOSED AT Thompson Blvd SPECIAL-4836
13	ROAD CLOSED AHEAD W20-3(O)-4848
14	DETOUR AHEAD W20-2-3636
15	ROAD CLOSED 500 FT W20-3-3636

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DEPARTMENT OF TRANSPORTATION**

DETOUR PLAN

SHEET	OF	SHEETS	STA	TO STA
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FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-RS	LAKE	121	47
CONTRACT NO 61G31				
ILLINOIS		FED AID PROJECT		

SEDIMENTATION AND EROSION CONTROL NOTES

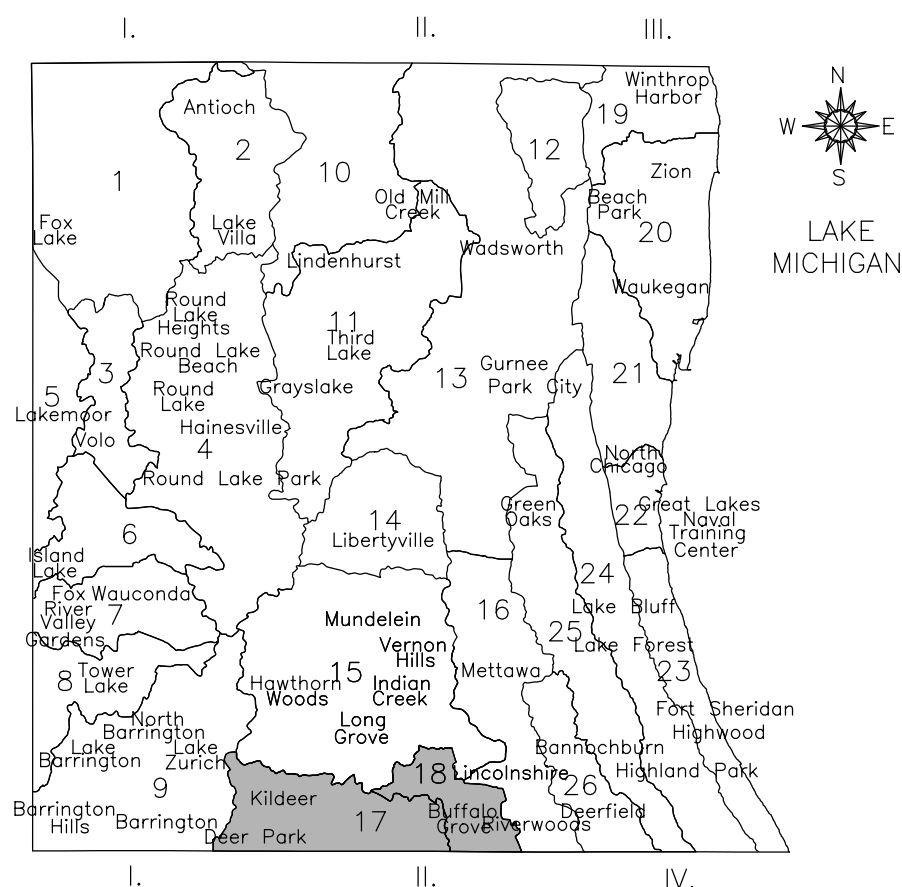
- A. SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
- B. FOR THOSE DEVELOPMENTS THAT REQUIRE A DESIGNATED EROSION CONTROL INSPECTOR (DECI), INSPECTIONS AND DOCUMENTATION SHALL BE PREFORMED, AT A MINIMUM:
 - UPON COMPLETION OF SEDIMENT AND RUNOFF CONTROL MEASURES (INCLUDING PERIMETER CONTROLS AND DIVERSIONS), PRIOR TO PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING.
 - AFTER EVERY SEVEN (7) CALENDAR DAYS OR STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.
- C. SOIL DISTURBANCE SHALL BE CONDUCTED IN A MANNER AS TO MINIMIZE EROSION. IF STRIPPING, CLEARING, GRADING, OR LANDSCAPING ARE TO BE DONE IN PHASES, THE PERMITEE SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL MEASURES.
- D. A STABILIZED MAT OF CRUSHED STONE MEETING IDOT GRADATION CA-1 UNDERLAIN WITH FILTER FABRIC AND IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL, OR OTHER APPROPRIATE MEASURE(S) AS APPROVED BY THE ENFORCEMENT OFFICER, SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE. SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
- E. TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT ALL RUNOFF FROM HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN.
- F. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE END OF ACTIVE HYDROLOGIC DISTURBANCE OR REDISTURBANCE.
- G. ALL STOCKPILES SHALL HAVE APPROPRIATE MEASURES TO PREVENT EROSION. STOCKPILES SHALL NOT BE PLACED IN FLOOD PRONE AREAS OR WETLANDS AND DESIGNATED BUFFERS.
- H. SLOPES STEEPER THAN 3H:1V SHALL BE STABILIZED WITH APPROPRIATE MEASURES AS APPROVED BY THE ENFORCEMENT OFFICER.
- I. APPROPRIATE EROSION CONTROL BLANKET SHALL BE INSTALLED ON ALL INTERIOR DETENTION BASIN SIDE SLOPES BETWEEN THE NORMAL WATER LEVEL AND HIGH WATER LEVEL.
- J. STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.
- K. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. DISCHARGES SHALL BE ROUTED THROUGH AN APPROVED ANIONIC POLYMER DEWATERING SYSTEM OR A SIMILAR MEASURE AS APPROVED BY THE ENFORCEMENT OFFICER. DEWATERING SYSTEMS SHOULD BE INSPECTED DAILY DURING OPERATIONAL PERIODS, THE ENFORCEMENT OFFICER, OR APPROVED REPRESENTATIVE, MUST BE PRESENT AT THE COMMENCEMENT OF DEWATERING ACTIVITIES.
- L. IF INSTALLED EROSION AND SEDIMENT CONTROL MEASURES DO NOT MINIMIZE SEDIMENT LEAVING THE DEVELOPMENT SITE, ADDITIONAL MEASURES SUCH AS ANIONIC POLYMERS OR FILTRATION SYSTEMS MAY BE REQUIRED BY THE ENFORCEMENT OFFICER.
- M. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE PROPERTY OWNER SHALL BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE AND REPAIR.
- M. ALL TEMPORARY SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.
- O. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, ENFORCEMENT OFFICER, OR OTHER GOVERNING AGENCY.
- P. ESTIMATED QUANTITIES HAVE BEEN PROVIDED FOR EROSION CONTROL MEASURES TO BE USED AT THE DIRECTION OF THE RESIDENT ENGINEER.
- Q. PERIMETER EROSION BARRIER SHALL BE INSTALLED ONE (1) FOOT FROM RIGHT-OF-WAY OR EASEMENT UNLESS OTHERWISE NOTED ON THE PLANS. REFERENCE THE PLAT OF HIGHWAY SHEETS FOR STATIONS AND OFFSETS.
- R. SEE DRAINAGE AND UTILITY SHEETS FOR RIPRAP CLASSES AND QUANTITIES.
- S. QUANTITIES OF EROSION CONTROL MAT, FLOATING SILT CURTAIN, FLOCCULATION LOGS, AND FLOCCULATION POWDER HAVE BEEN PROVIDED AND ARE TO BE MADE AVAILABLE FOR USE AT THE DIRECTION OF THE RESIDENT ENGINEER.
- T. PERMANENT DITCH CHECKS AND TEMPORARY SEDIMENT TRAPS SHALL BE PAID FOR AS EARTH EXCAVATION, STONE RIPRAP CLASS A2, STONE RIPRAP CLASS A4, AND FILTER FABRIC.
- U. TEMPORARY FENCE SHALL BE PLACED THROUGHOUT THE LIMITS OF THE PROJECT WHERE PERIMETER EROSION BARRIER IS NOT ALREADY UTILIZED AND AROUND ALL TREES THAT ARE TO BE PROTECTED AT THE DIRECTION OF THE ENGINEER, WHICH SHALL BE PAID FOR AS "TEMPORARY FENCE".

EROSION CONTROL PLAN

THIS PROJECT DISTURBS 7.00 ACRES OF TOTAL LAND AREA. COMPLIANCE WITH THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) STORMWATER PERMIT IS ONLY NECESSARY IF A PROJECT DISTURBS 1.0 OR MORE ACRES OF TOTAL LAND AREA; AN NPDES PERMIT IS REQUIRED FOR THIS PROJECT.

DRAINAGE BASINS OF LAKE COUNTY

- I. FOX RIVER WATERSHED
 - 1. Upper Fox River
 - 2. Sequoit Creek
 - 3. Fish Lake Drain
 - 4. Squaw Creek
 - 5. Lower Fox River
 - 6. Mutton Creek
 - 7. Stocum Lake Drain
 - 8. Tower Lake Drain
 - 9. Flint Creek
- II. DES PLAINES RIVER WATERSHED
 - 10. North Mill Creek
 - 11. Mill Creek
 - 12. Newport Drainage Ditch
 - 13. Upper Des Plaines River
 - 14. Bull Creek
 - 15. Indian Creek
 - 16. Lower Des Plaines River
 - 17. Buffalo Creek
 - 18. Aptakisic Creek
- III. LAKE MICHIGAN WATERSHED
 - 19. Kellogg Creek
 - 20. Dead River
 - 21. Waukegan River
 - 22. Pettibone Creek
 - 23. Bluff/Ravine
- IV. CHICAGO RIVER WATERSHED
 - 24. Skokie River
 - 25. Middle Fork
 - 26. West Fork



SMC TYPICAL CONSTRUCTION SEQUENCE (PER STAGE)

- 1. INSTALLATION OF SOIL EROSION AND SEDIMENT CONTROL SE/SC MEASURES
 - A. SELECTIVE VEGETATION REMOVAL FOR SILT FENCE INSTALLATION
 - B. SILT FENCE INSTALLATION
 - C. CONSTRUCTION FENCING AROUND AREAS NOT TO BE DISTURBED
 - D. STABILIZED CONSTRUCTION ENTRANCE
 - 2. TREE REMOVAL WHERE NECESSARY (CLEAR & GRUB)
 - 3. CONSTRUCT SEDIMENT TRAPPING DEVICES (SEDIMENT TRAPS, BASINS, ETC.)
 - 4. CONSTRUCT DETENTION FACILITIES AND OUTLET CONTROL STRUCTURE WITH RESTRICTOR & TEMPORARY PERFORATED RISER
 - 5. STRIP TOPSOIL, STOCKPILE TOPSOIL AND GRADE SITE
 - 6. TEMPORARILY STABILIZE TOPSOIL STOCKPILES (SEED AND SILT FENCE AROUND TOE OF SLOPE)
 - 7. INSTALL STORM SEWER, SANITARY SEWER, WATER AND ASSOCIATED INLET & OUTLET PROTECTION
 - 8. PERMANENTLY STABILIZE DETENTION BASIN WITH SEED AND EROSION CONTROL BLANKET
 - 9. TEMPORARILY STABILIZE ALL AREAS INCLUDING LOTS THAT HAVE REACHED TEMPORARY GRADE
 - 10. INSTALL ROADWAYS
 - 11. PERMANENTLY STABILIZE ALL OUTLOT AREAS
 - 12. INSTALL STRUCTURES AND GRADE INDIVIDUAL LOTS
 - 13. PERMANENTLY STABILIZE LOTS
 - 14. REMOVE ALL TEMPORARY SE/SC MEASURES AFTER THE SITE IS STABILIZED WITH VEGETATION
- *SOIL EROSION AND SEDIMENT CONTROL MAINTENANCE MUST OCCUR EVERY TWO WEEKS AND AFTER EVERY 1/2" OR GREATER RAINFALL EVENT.

ESTIMATED QUANTITIES

152	EACH	TREE TRUNK PROTECTION
152	EACH	TREE ROOT PRUNING
177	POUND	TEMPORARY EROSION CONTROL SEEDING
32	FOOT	TEMPORARY DITCH CHECKS
417	FOOT	PERIMETER EROSION BARRIER
48	EACH	INLET FILTERS
8,563	SQ YD	TEMPORARY EROSION CONTROL BLANKET

PLAN	SURVEYED	DATE
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	FIELD FILE NAME	

PROFILE	SURVEYED	DATE
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	STRUCTURE NOTATIONS CHECKED	

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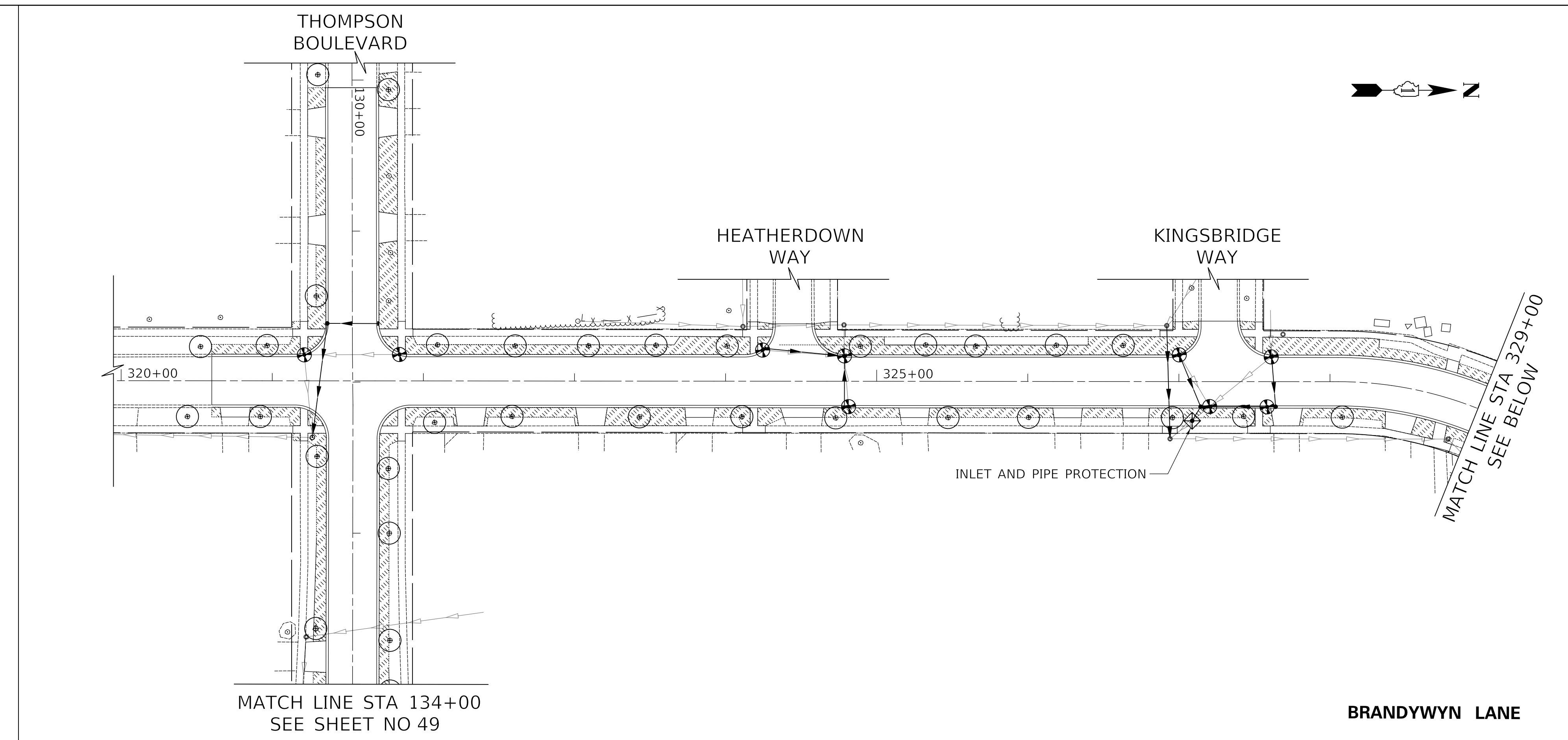
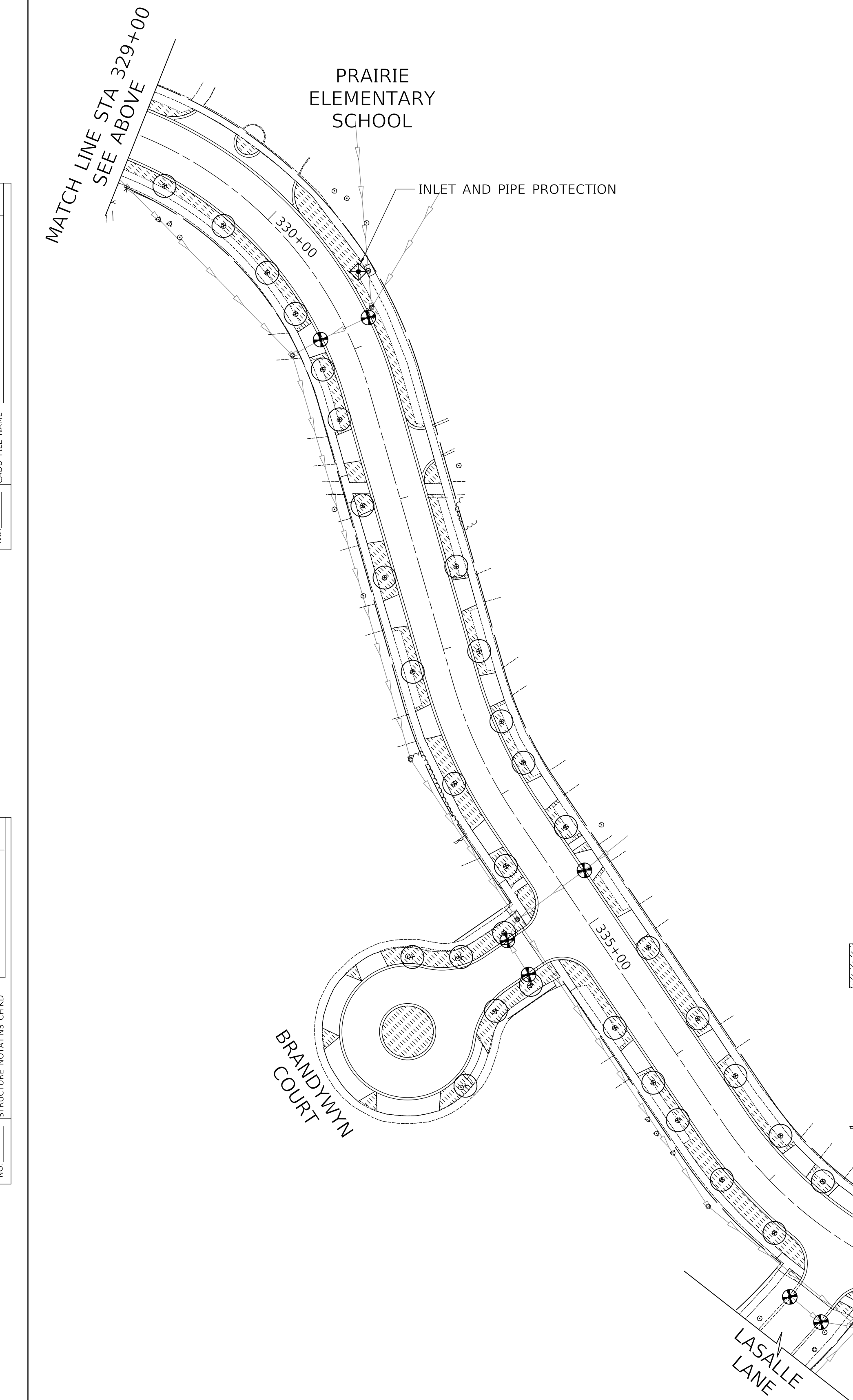
EROSION CONTROL PLAN

SHEET 1 OF 3 SHEETS STA TO STA

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	48
CONTRACT NO 61G31				
ILLINOIS		FED AID PROJECT		

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PROFILE	SURVEYED	DATE
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	NOTE BOOK NO.	
	STRUCTURE NOTATION CHKD	

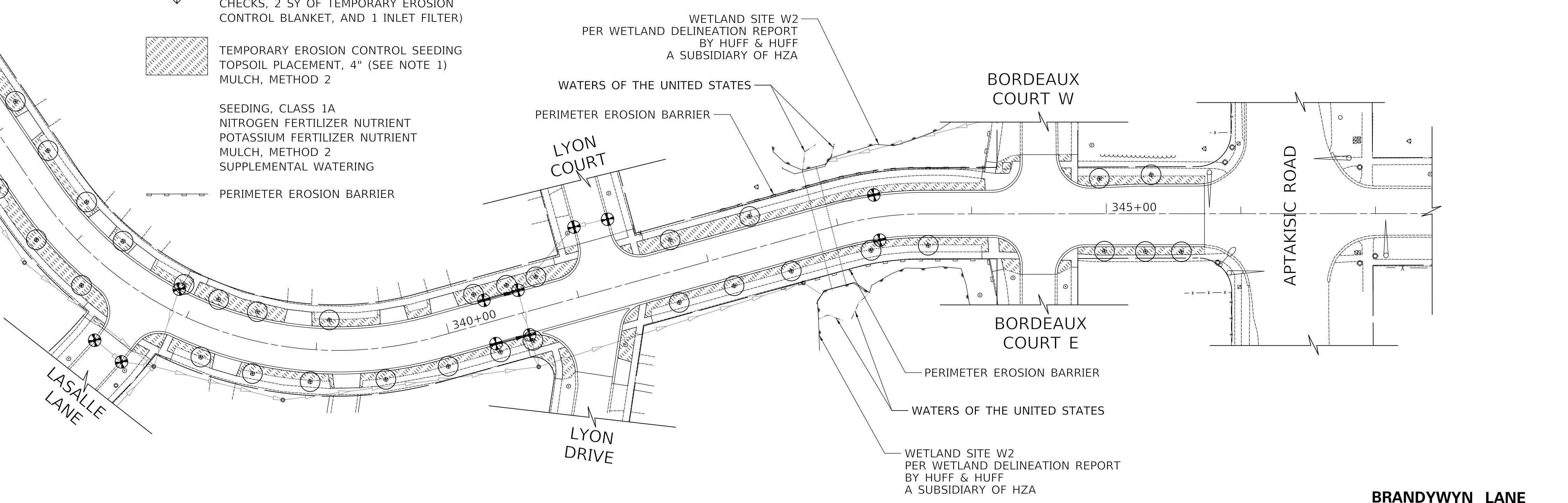


LEGEND

- TREE PROTECTION (PAID FOR AS TREE TRUNK PROTECTION AND TREE ROOT PRUNING)
- INLET FILTER
- INLET AND PIPE PROTECTION (PAID FOR AS 16 LF OF TEMPORARY DITCH CHECKS, 2 SY OF TEMPORARY EROSION CONTROL BLANKET, AND 1 INLET FILTER)
- TEMPORARY EROSION CONTROL SEEDING TOPSOIL PLACEMENT, 4" (SEE NOTE 1) MULCH, METHOD 2
- SEEDING, CLASS 1A NITROGEN FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT MULCH, METHOD 2 SUPPLEMENTAL WATERING
- PERIMETER EROSION BARRIER

NOTES

1. TOPSOIL EXCAVATION AND PLACEMENT SHALL BE USED FOR PLACEMENT OF 4" OF TOPSOIL. IF SUFFICIENT EXISTING TOPSOIL IS NOT AVAILABLE, THE REMAINING AREA SHALL BE COMPLETED USING THE PAY ITEM "TOPSOIL FURNISH AND PLACE, 4"



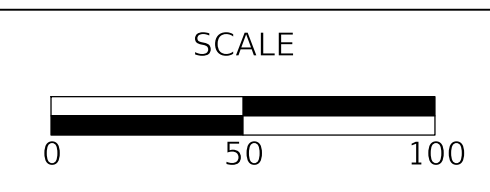
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EROSION CONTROL PLAN

SHEET 2 OF 3 SHEETS STA 320+60 TO STA 345+73

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	49
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

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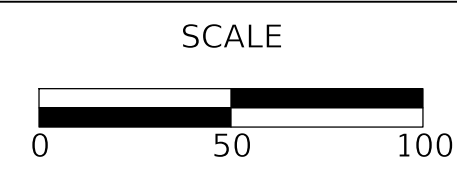
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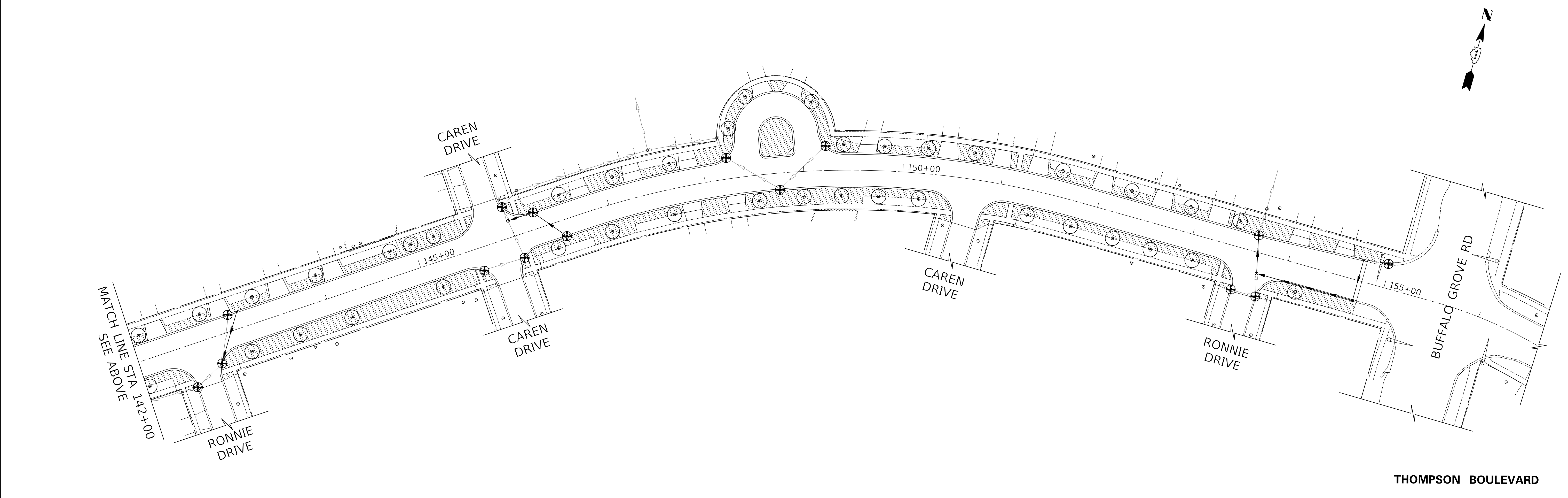
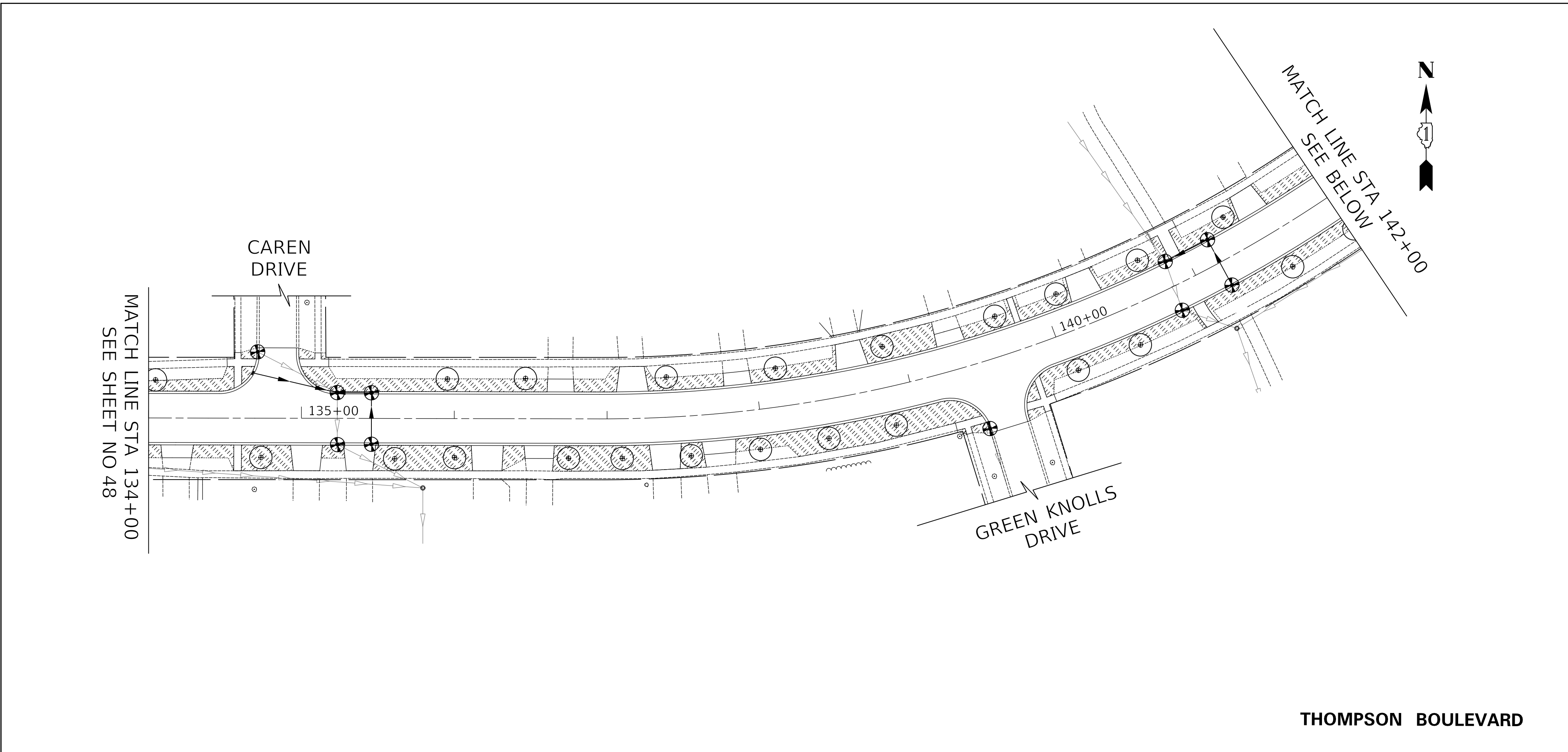
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EROSION CONTROL PLAN

SHEET 3 OF 3 SHEETS STA 134+00 TO STA 154+77

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	50
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

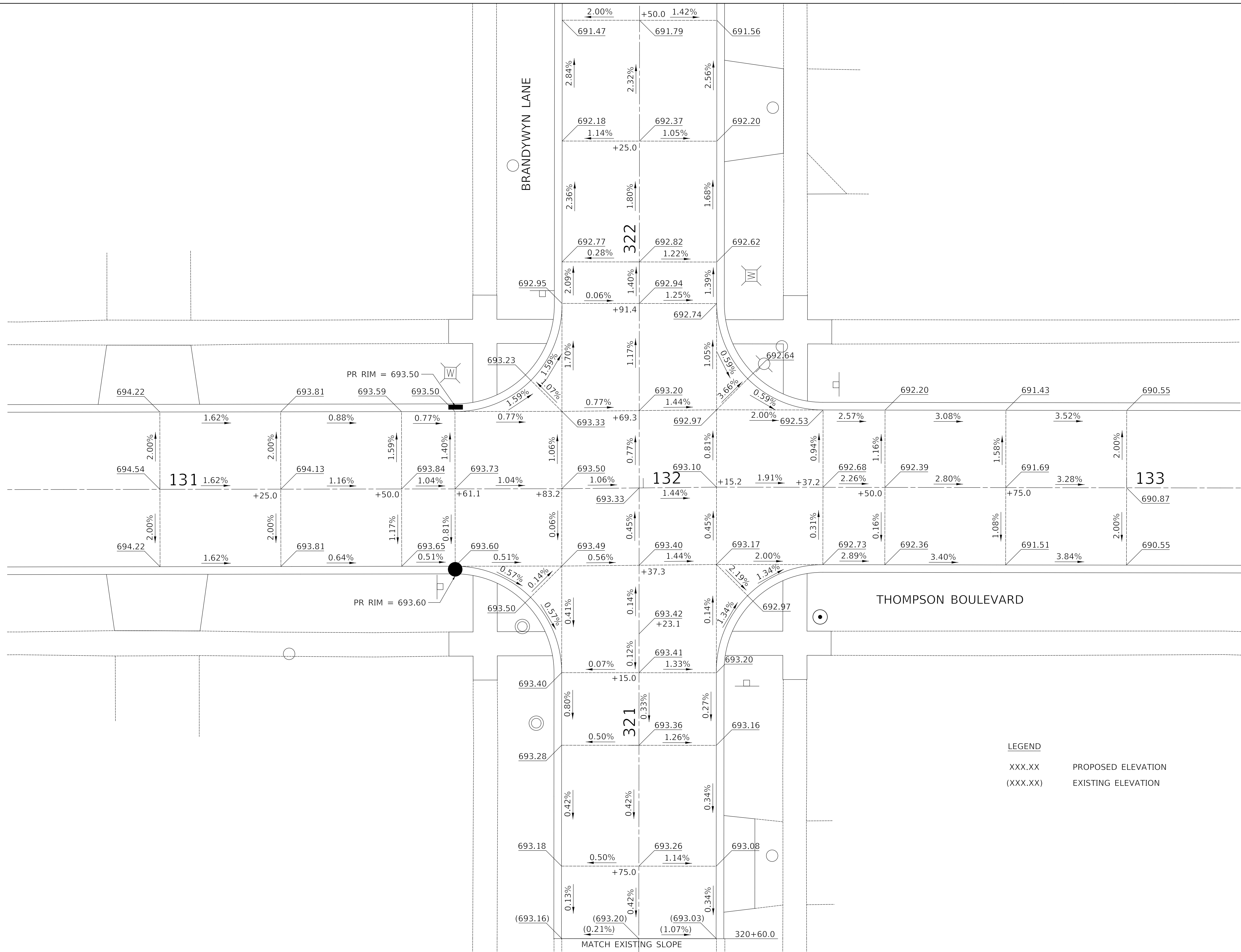
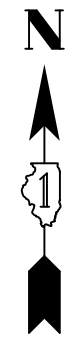


THOMPSON BOULEVARD

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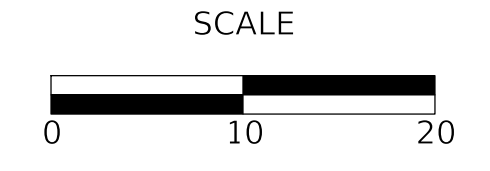
LEGEND
 XXX.XX PROPOSED ELEVATION
 (XXX.XX) EXISTING ELEVATION



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**INTERSECTION GRADING PLAN
 BRANDYWYN LANE & THOMPSON BOULEVARD**

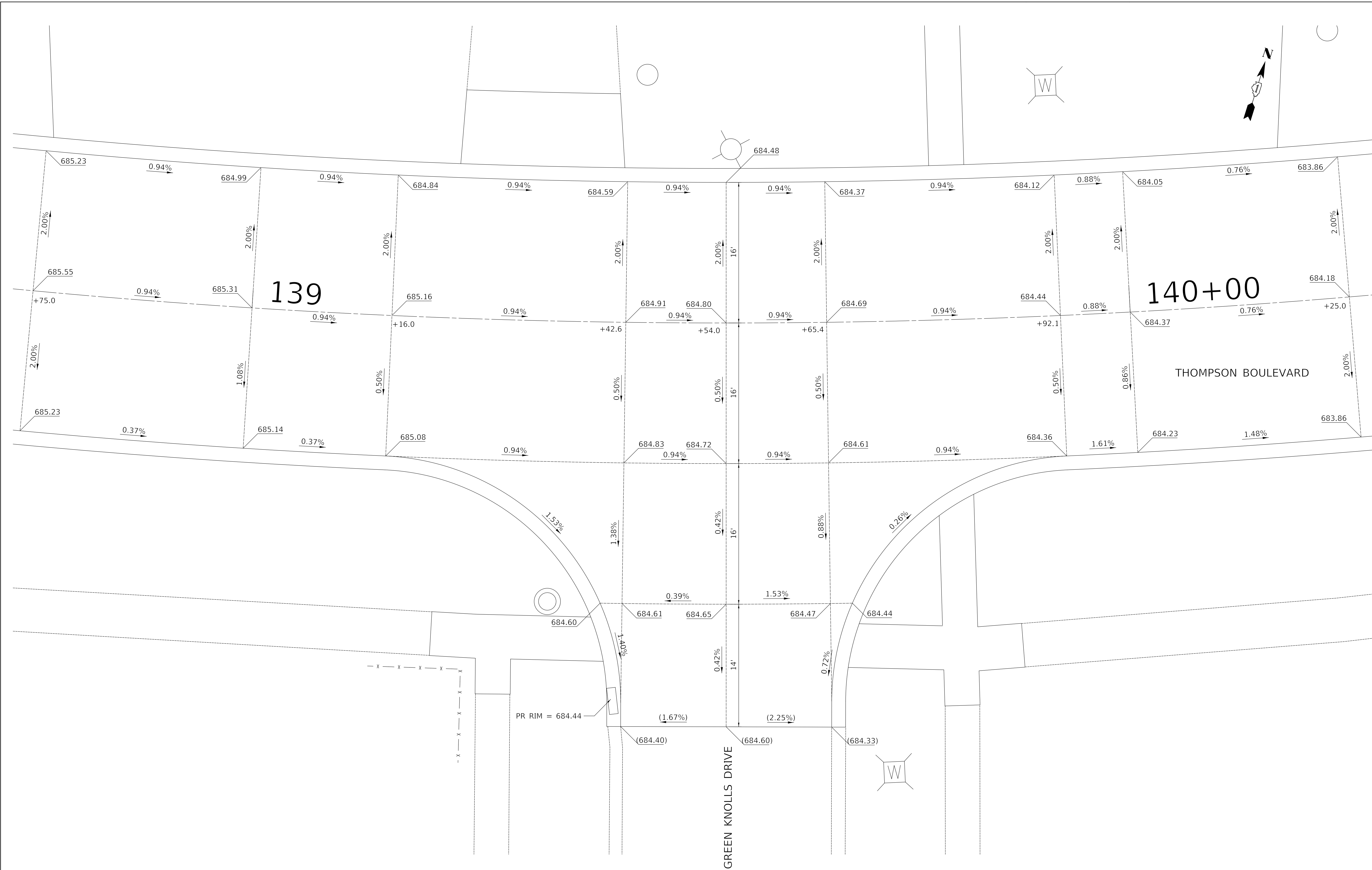
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FAU RTE 3260 2060	SECTION 16-00106-01-R5	COUNTY LAKE	TOTAL SHEETS 121	SHEET NO 51
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

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	GRADES CHECKED	
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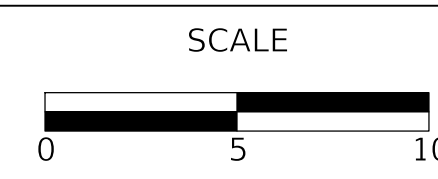
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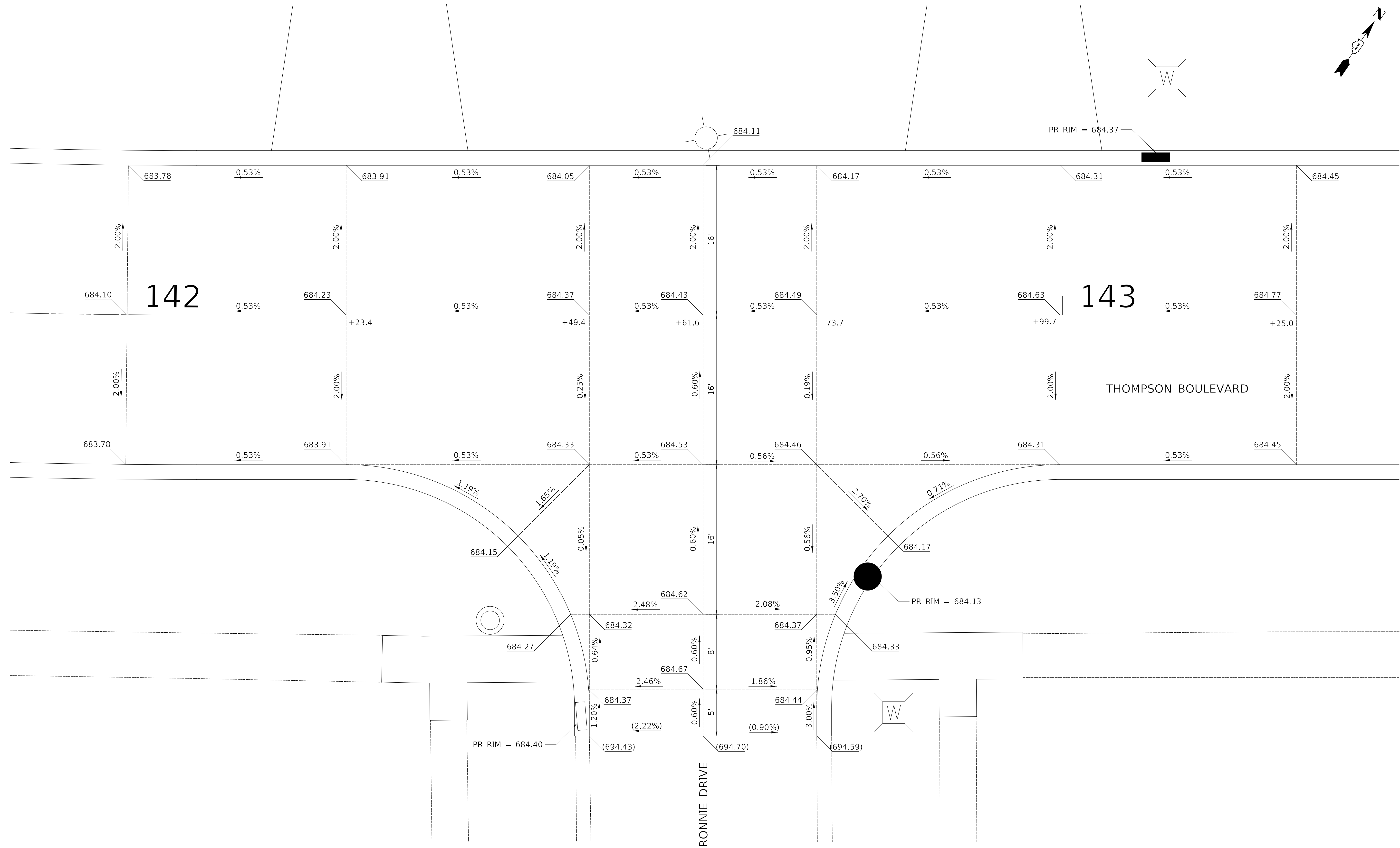
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THOMPSON BOULEVARD & GREEN KNOLLS DRIVE

SHEET 3 OF 14 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	53
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

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NOTE BOOK NO.		



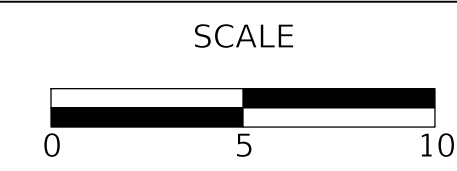
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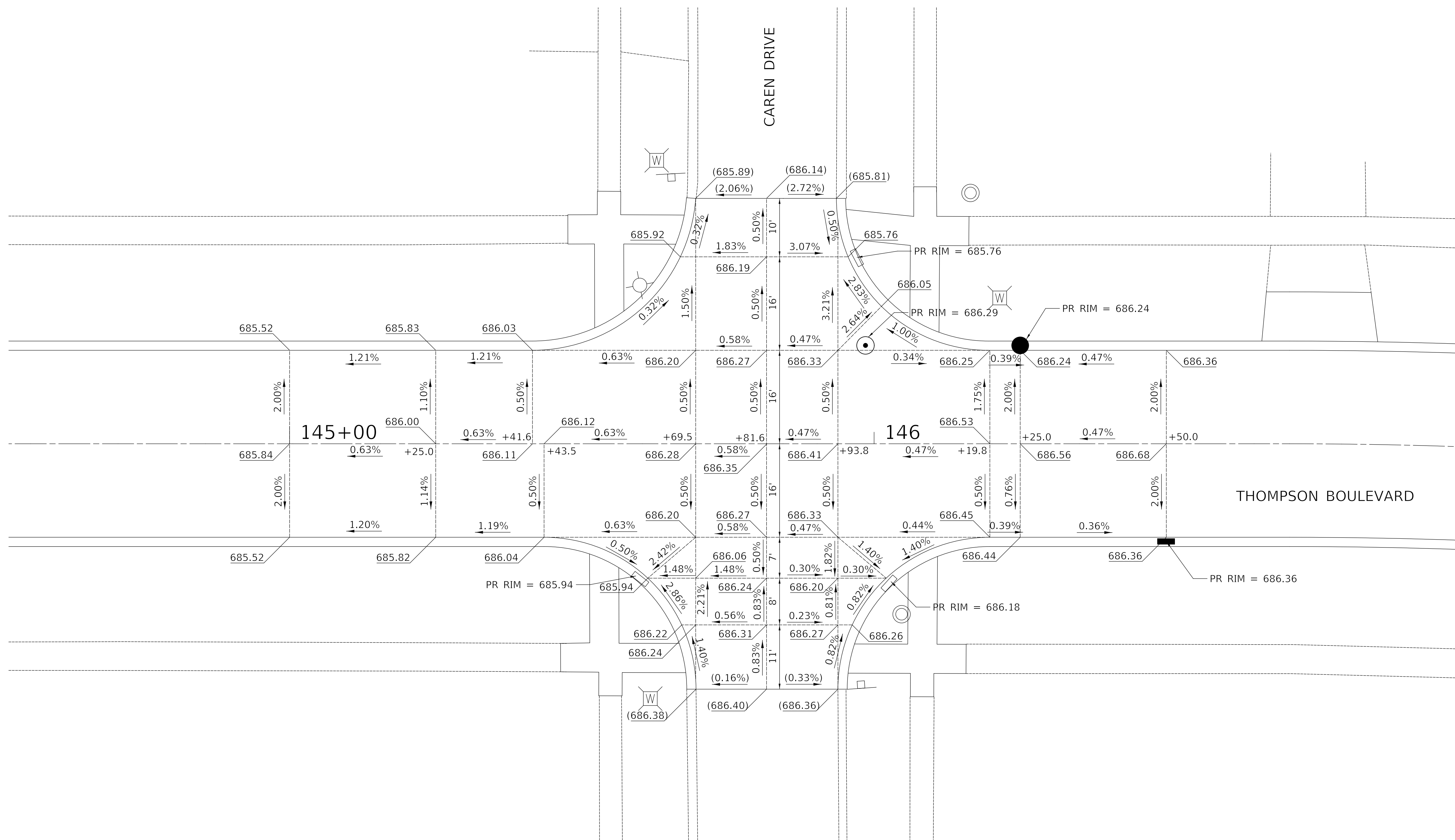
INTERSECTION GRADING PLAN
THOMPSON BOULEVARD & RONNIE DRIVE

SHEET 4 OF 14 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	54
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

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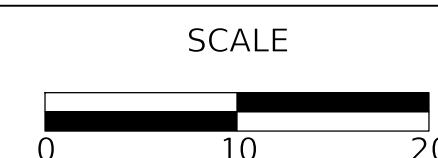
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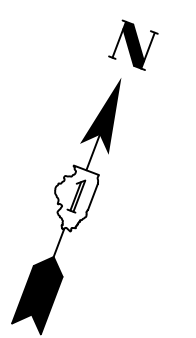
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INTERSECTION GRADING PLAN
THOMPSON BOULEVARD & CAREN DRIVE (CENTRAL)

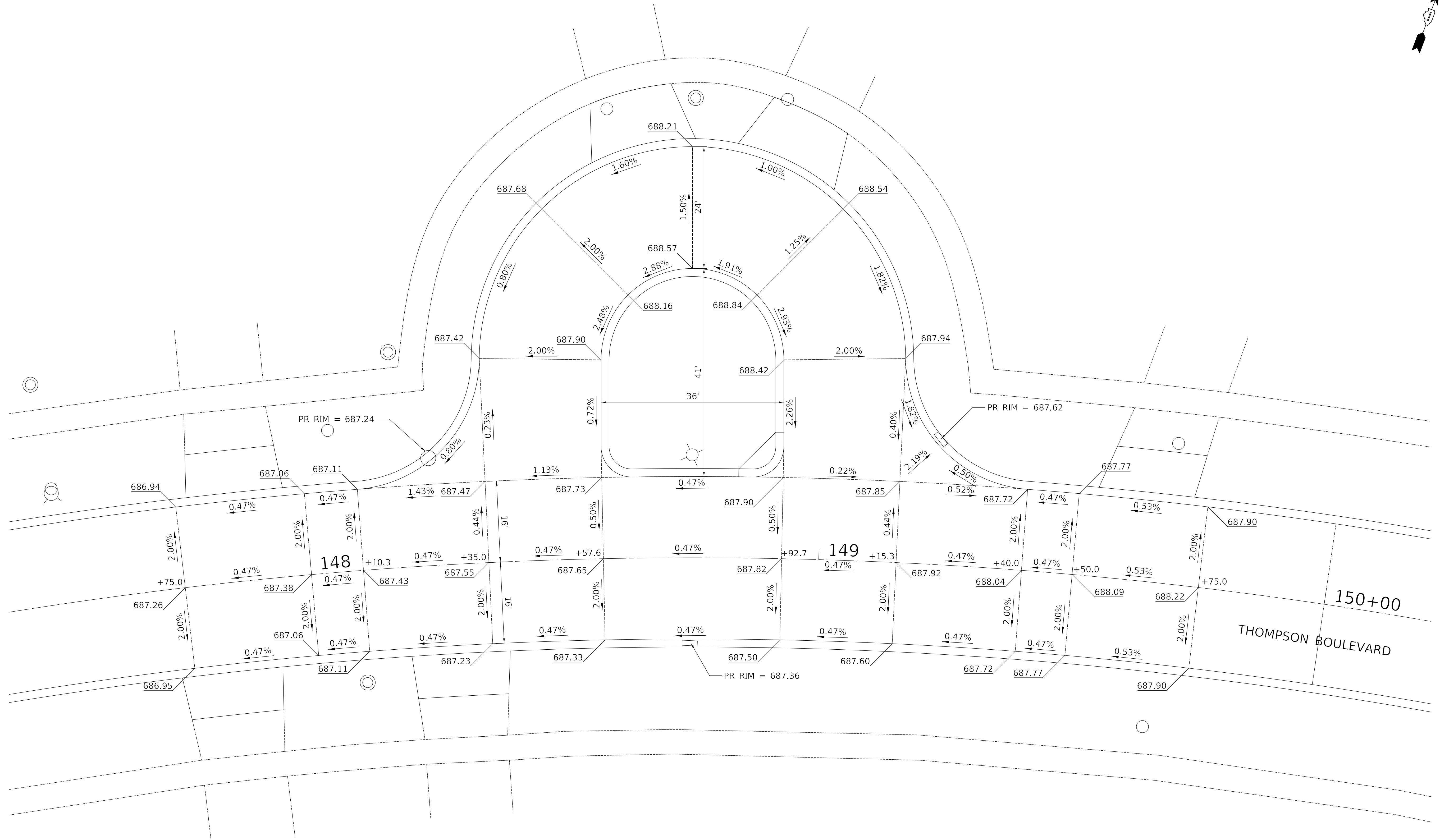
SHEET 5 OF 14 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	55
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				



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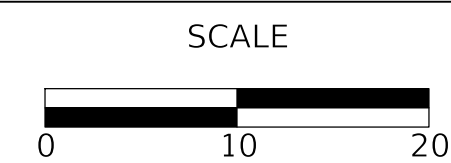
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**INTERSECTION GRADING PLAN
THOMPSON BOULEVARD CUL-DE-SAC AT STA. 148+78**

SHEET 6 OF 14 SHEETS

FAU RTE 3260 2060	SECTION 16-00106-01-R5	COUNTY LAKE	TOTAL SHEETS 121	SHEET NO. 56
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

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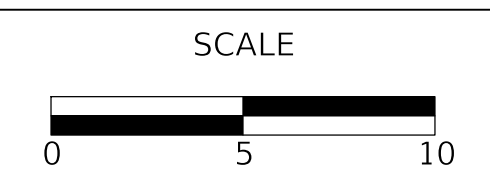
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INTERSECTION GRADING PLAN
THOMPSON BOULEVARD & CAREN DRIVE (EAST)

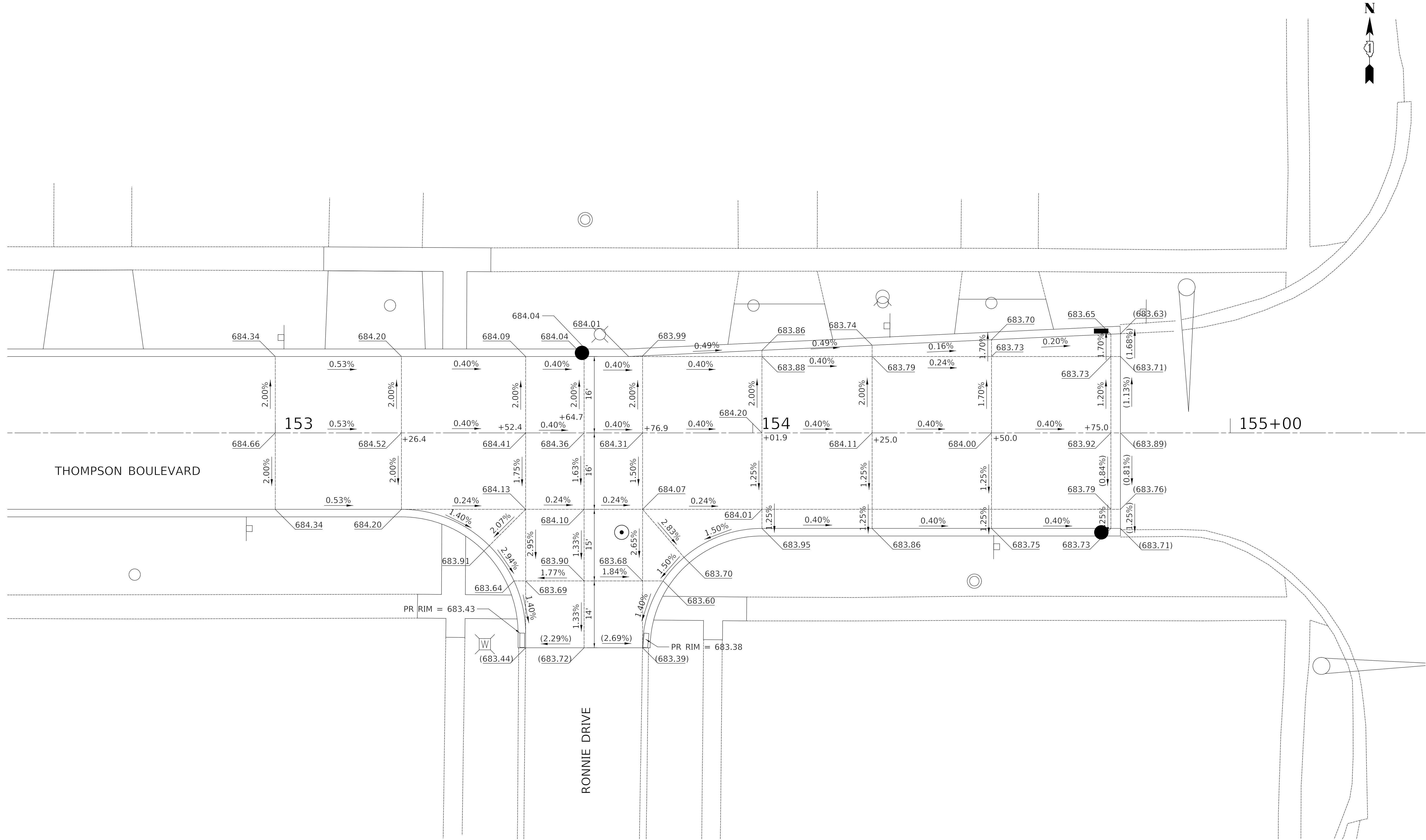
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3260 2060	16-00106-01-R5	LAKE	121	57
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

SHEET 7 OF 14 SHEETS

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INTERSECTION GRADING PLAN
THOMPSON BOULEVARD AND RONNIE DRIVE (EAST)

SHEET 8 OF 14 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	58
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

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	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
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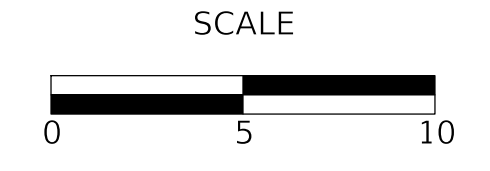
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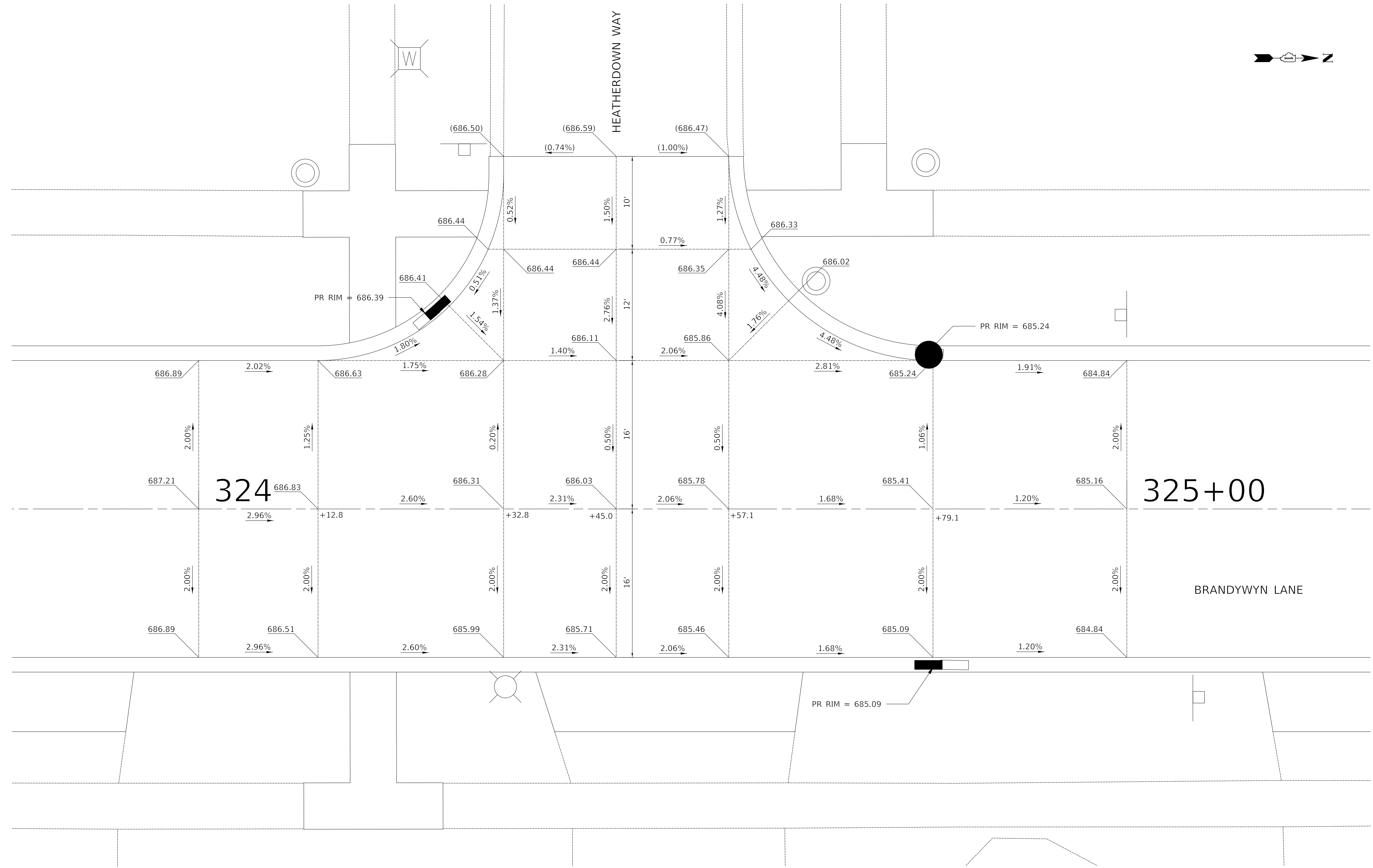
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INTERSECTION GRADING PLAN
BRANDYWYN LANE & HEATHERDOWN WAY

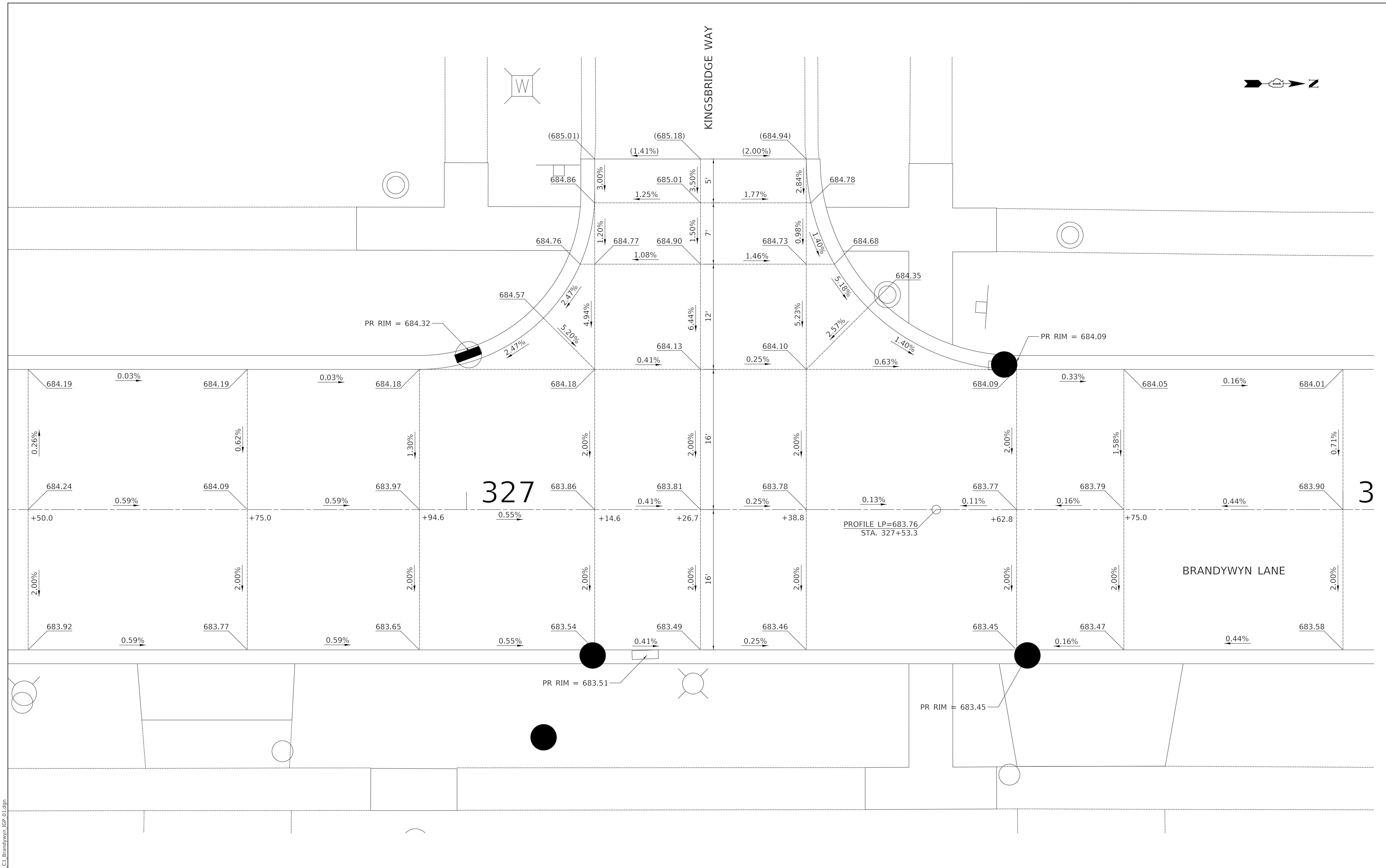
SHEET 9 OF 14 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	59
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				



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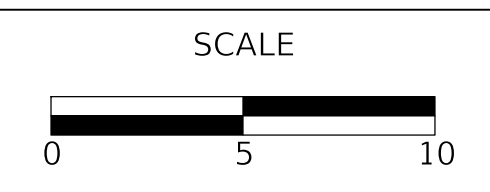
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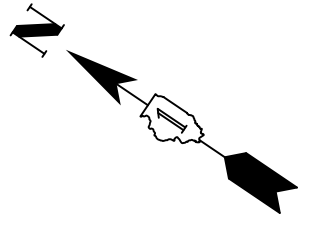
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INTERSECTION GRADING PLAN
BRANDYWYN LANE & KINGSBRIDGE WAY

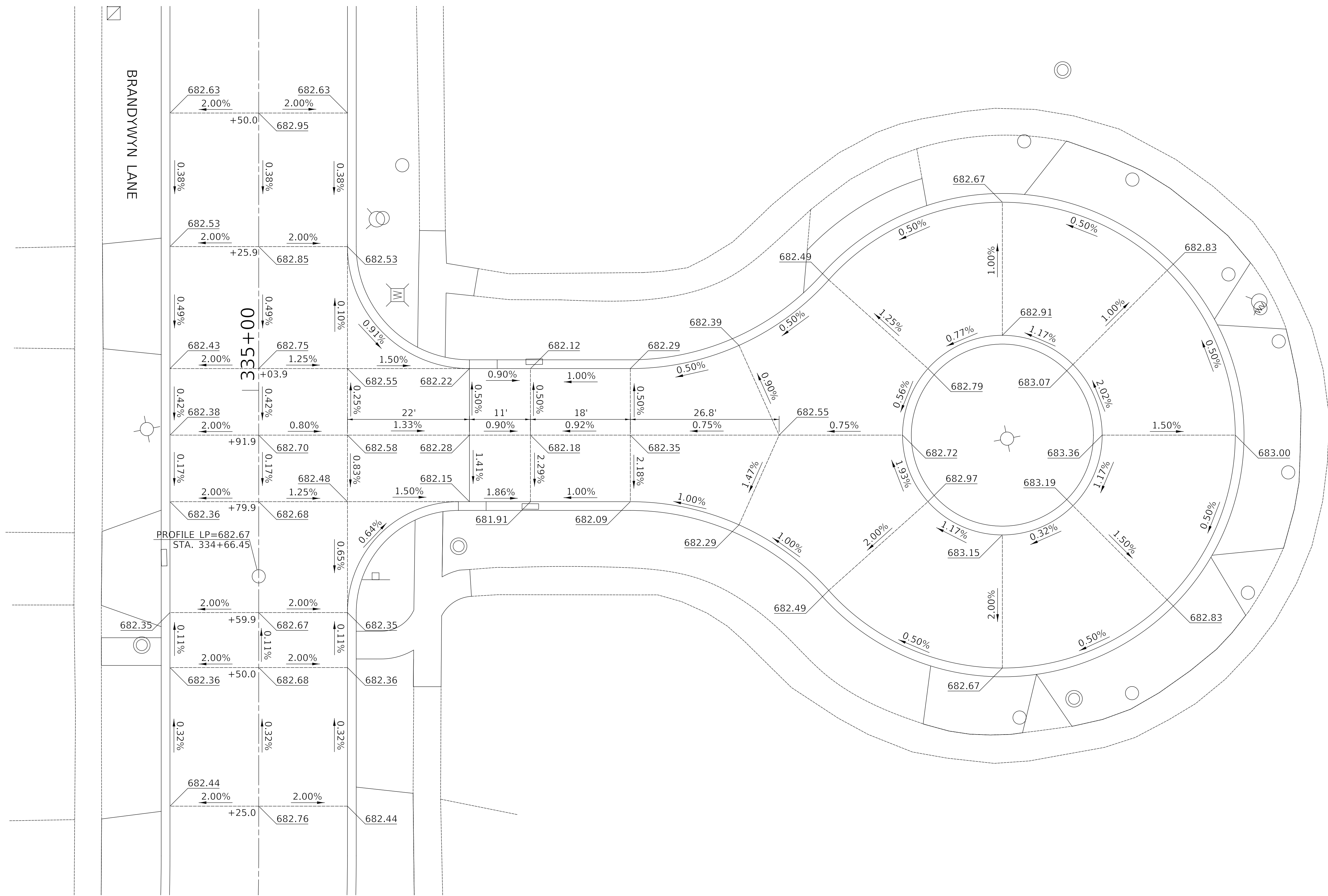
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CONTRACT NO 61G31				
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SHEET 10 OF 14 SHEETS



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	GRADE CHECKED	
	STRUCTURE NOTATION CHECKED	
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NOTE BOOK NO.	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	



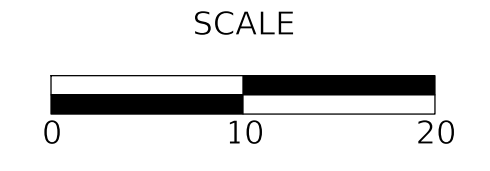
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INTERSECTION GRADING PLAN
BRANDYWYN LANE & BRANDYWYN COURT N

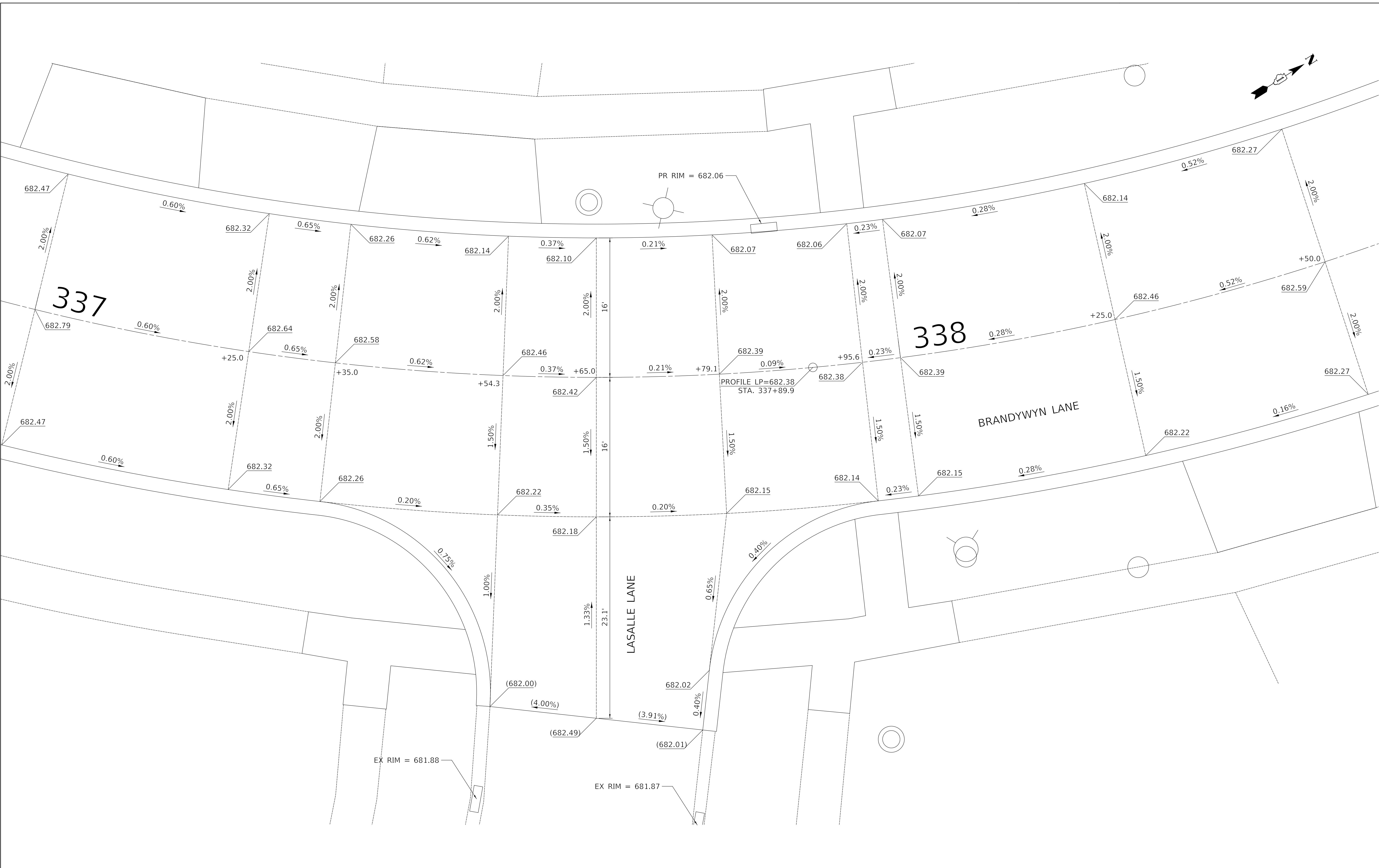
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CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

SHEET 11 OF 14 SHEETS

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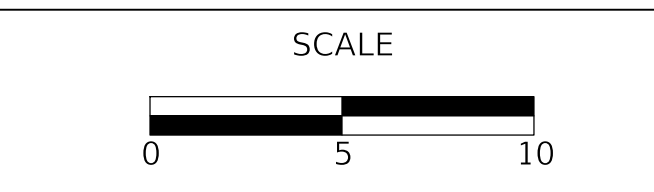
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DATE	-	12/18/2019	REVISED	-

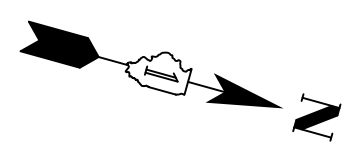
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**INTERSECTION GRADING PLAN
BRANDYWYN LANE & LASALLE LANE**

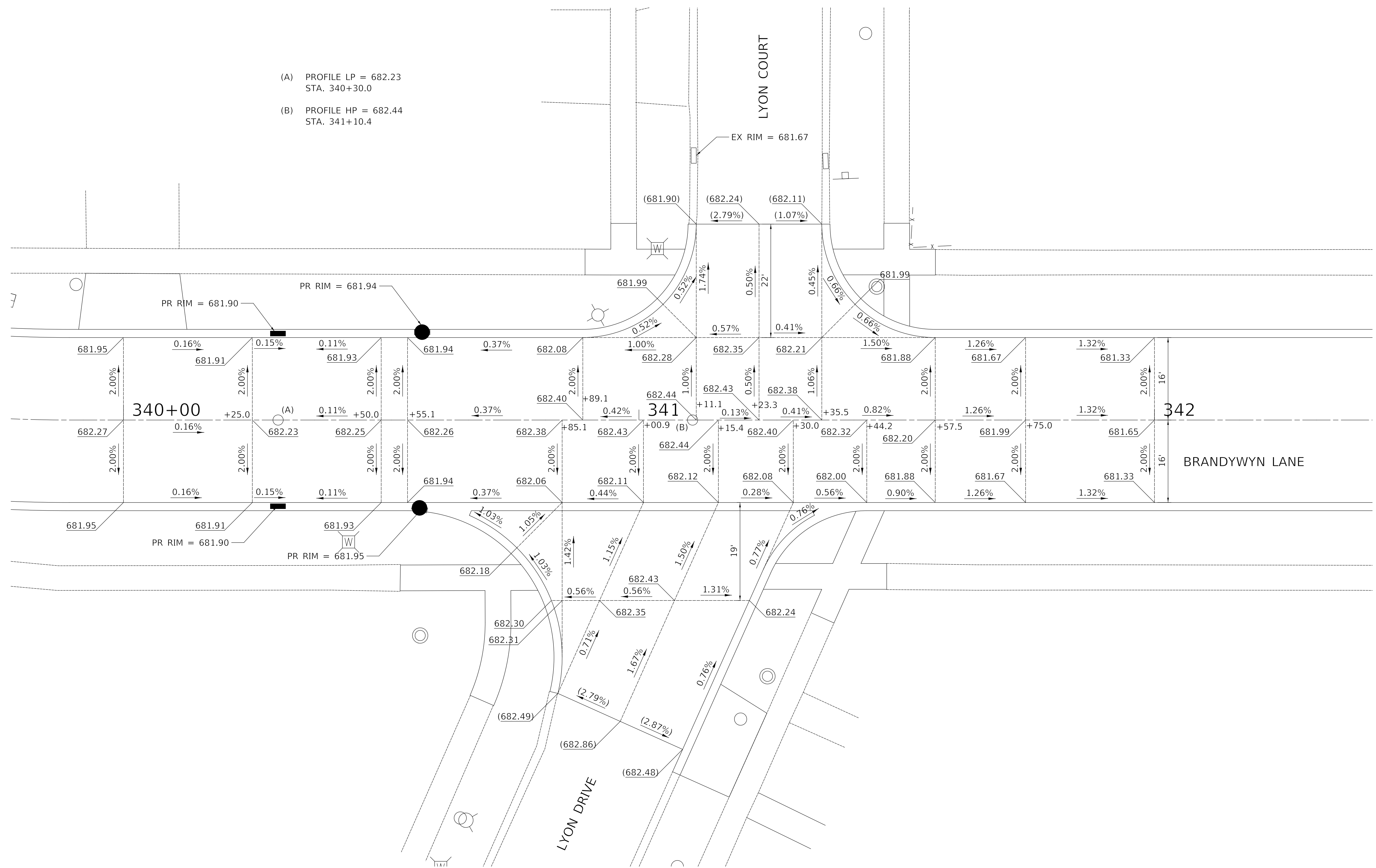
SHEET 12 OF 14 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	62
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				



(A) PROFILE LP = 682.23
STA. 340+30.0

(B) PROFILE HP = 682.44
STA. 341+10.4



PLAN	SURVEYED	DATE
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	GRADES CHECKED	
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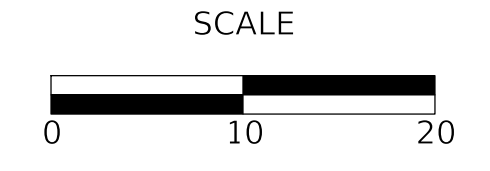
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INTERSECTION GRADING PLAN
BRANDYWYN LANE & LYON DRIVE

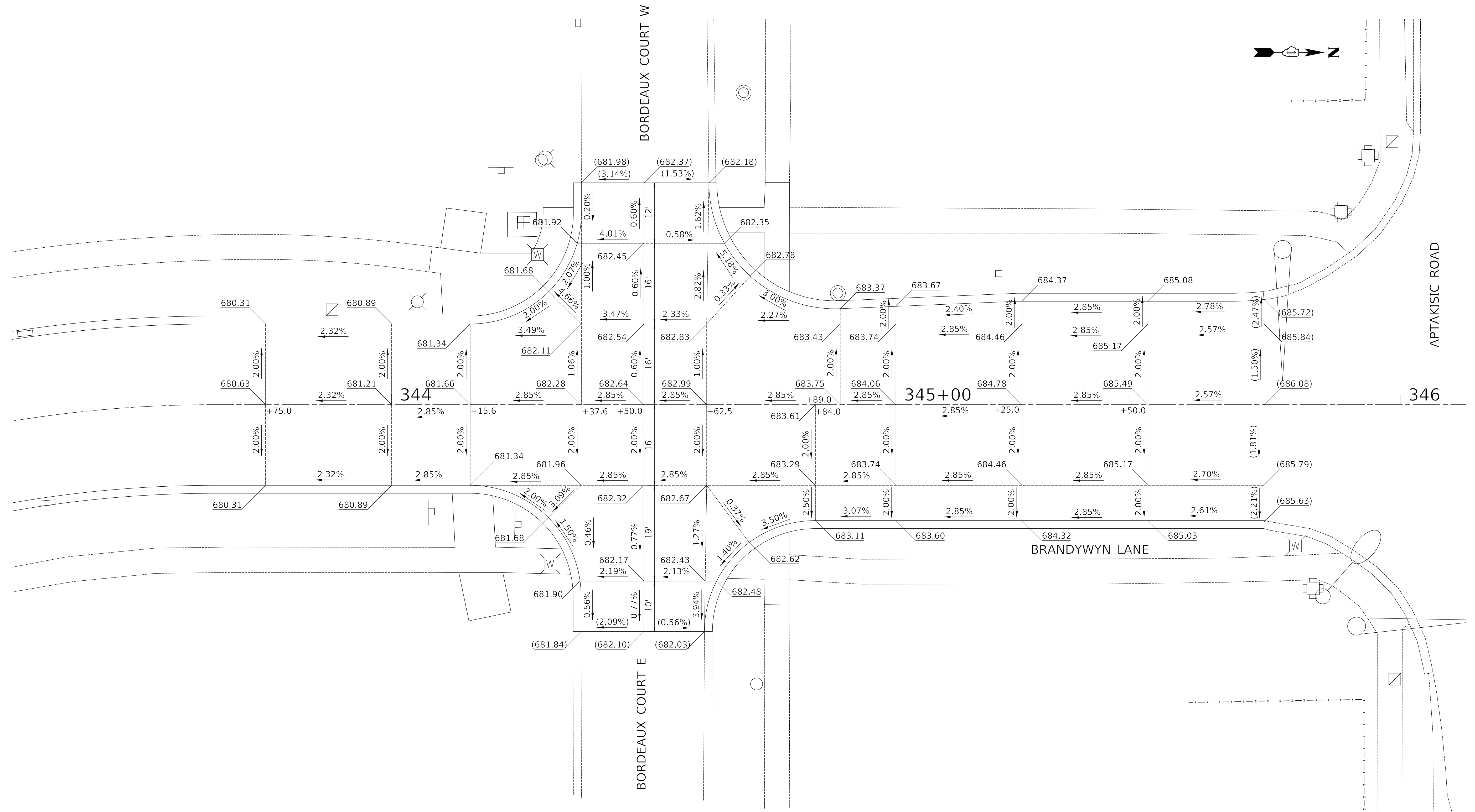
SHEET 13 OF 14 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	63
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	ALIGNMENT CHECKED	
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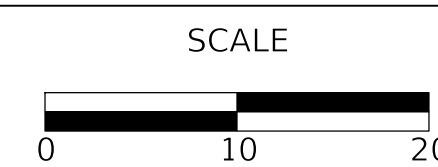
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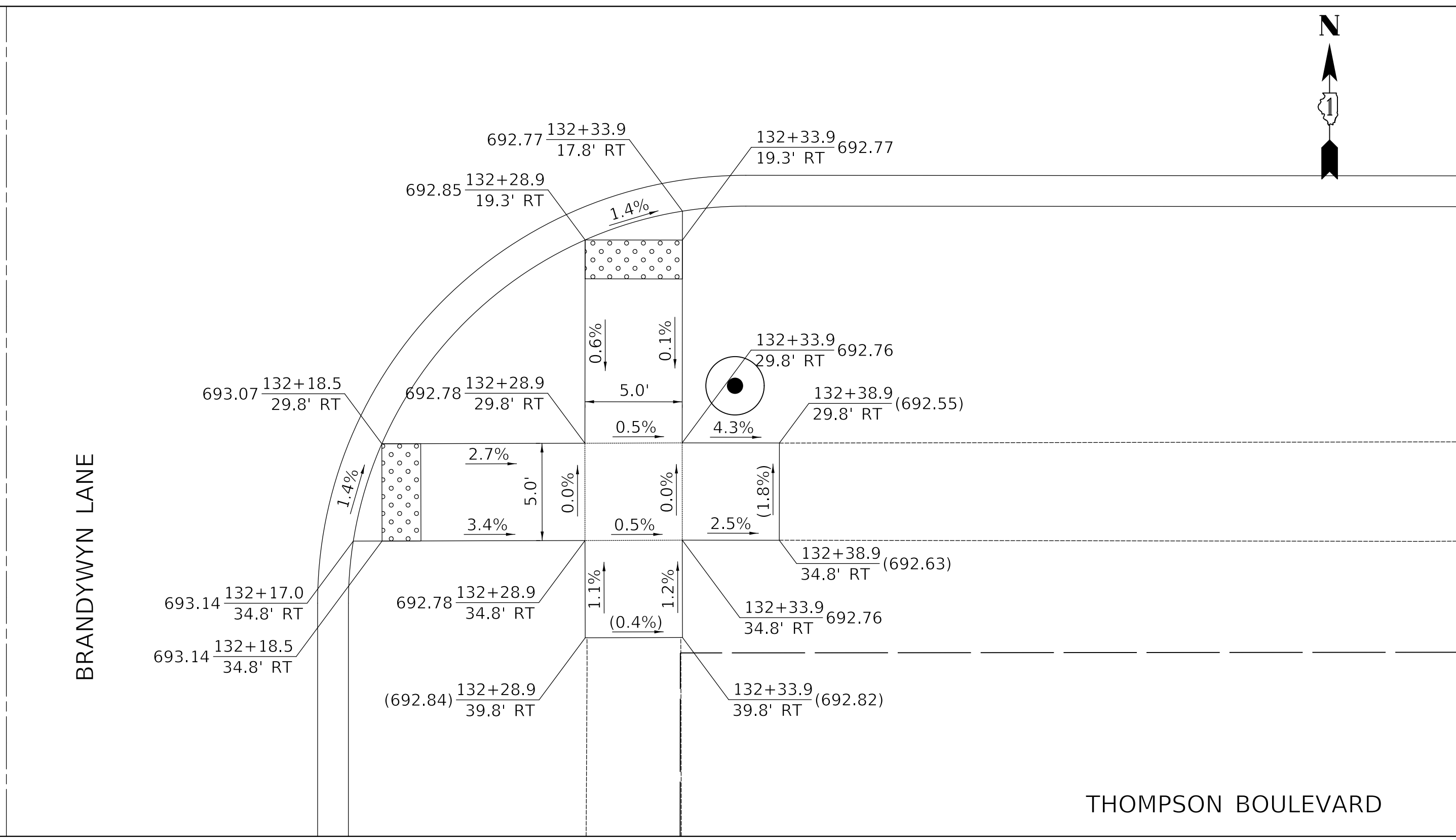
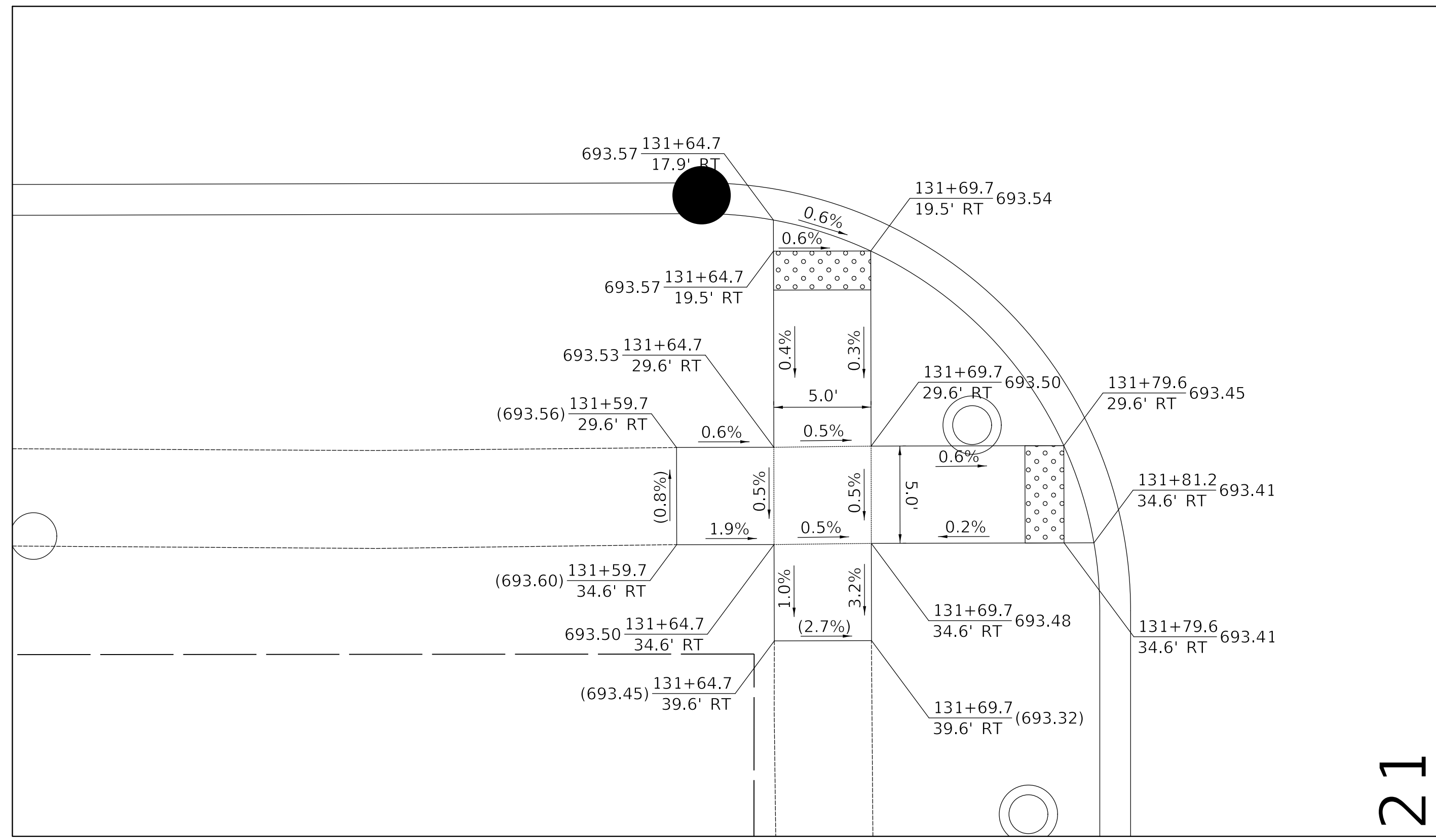
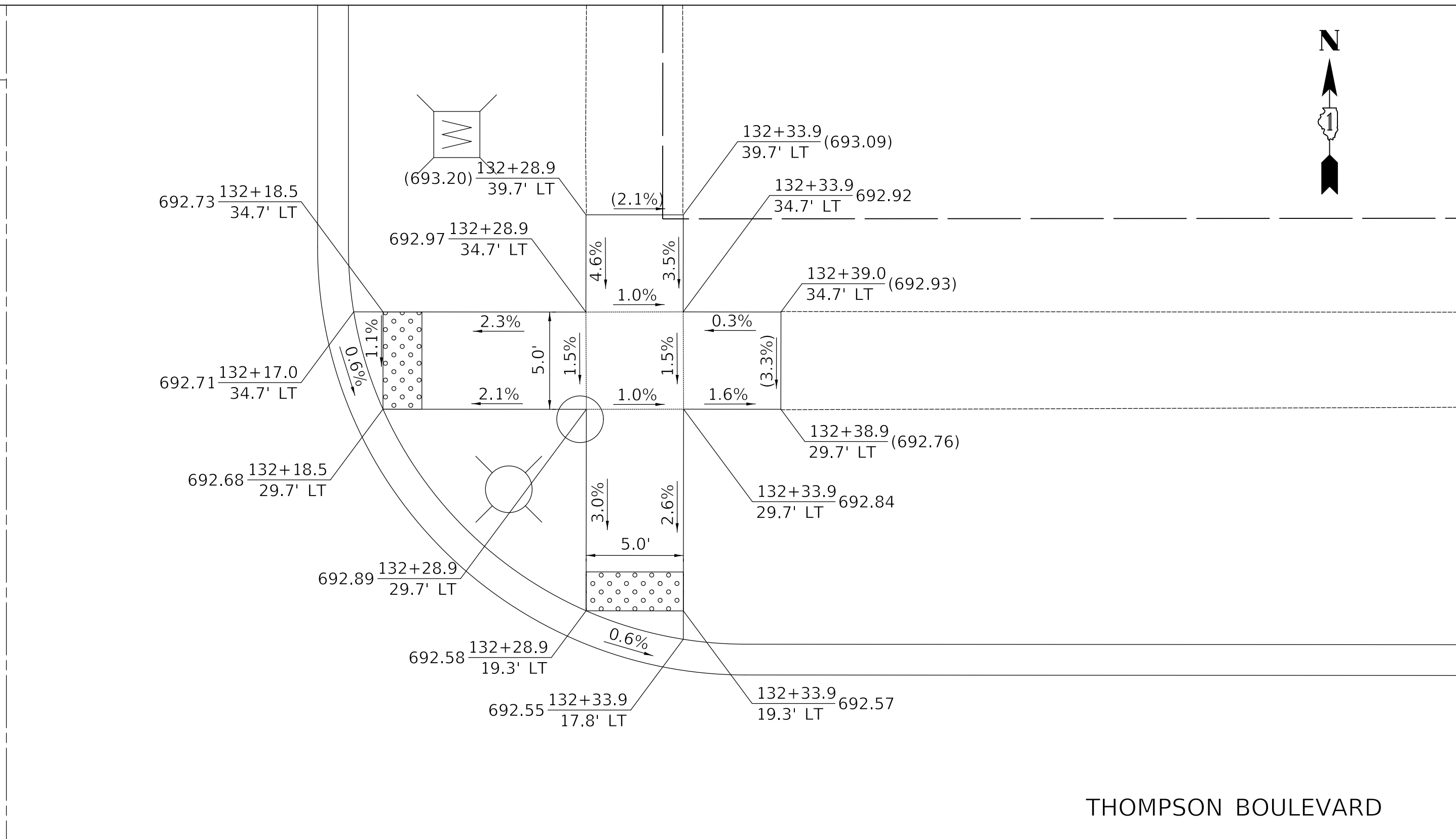
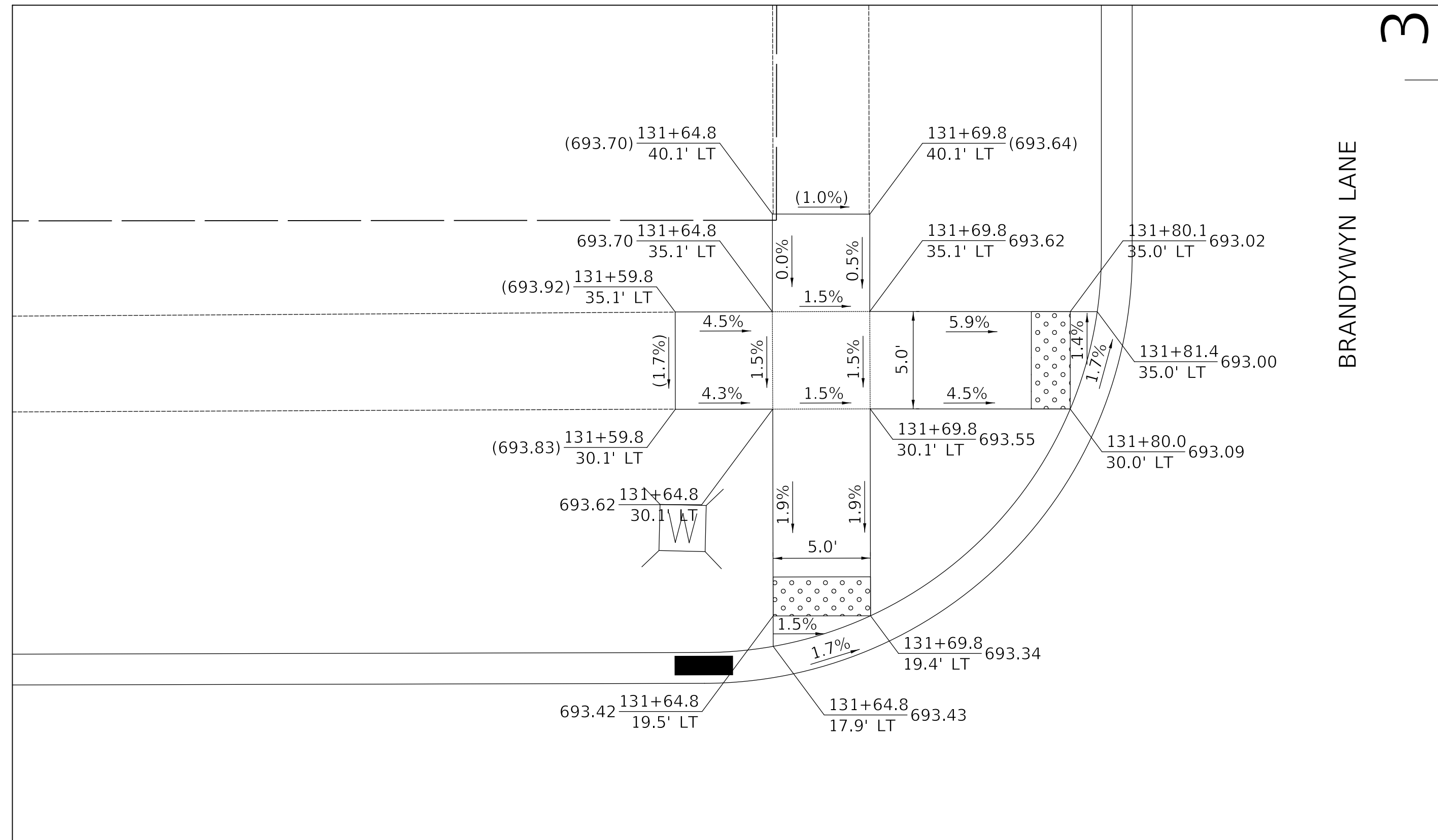
INTERSECTION GRADING PLAN
BRANDYWYN LANE & BORDEAUX COURT

SHEET 14 OF 14 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	64
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
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	ALIGNMENT CHECKED	
	GRADES CHECKED	
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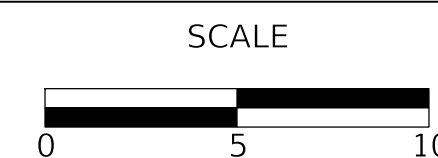
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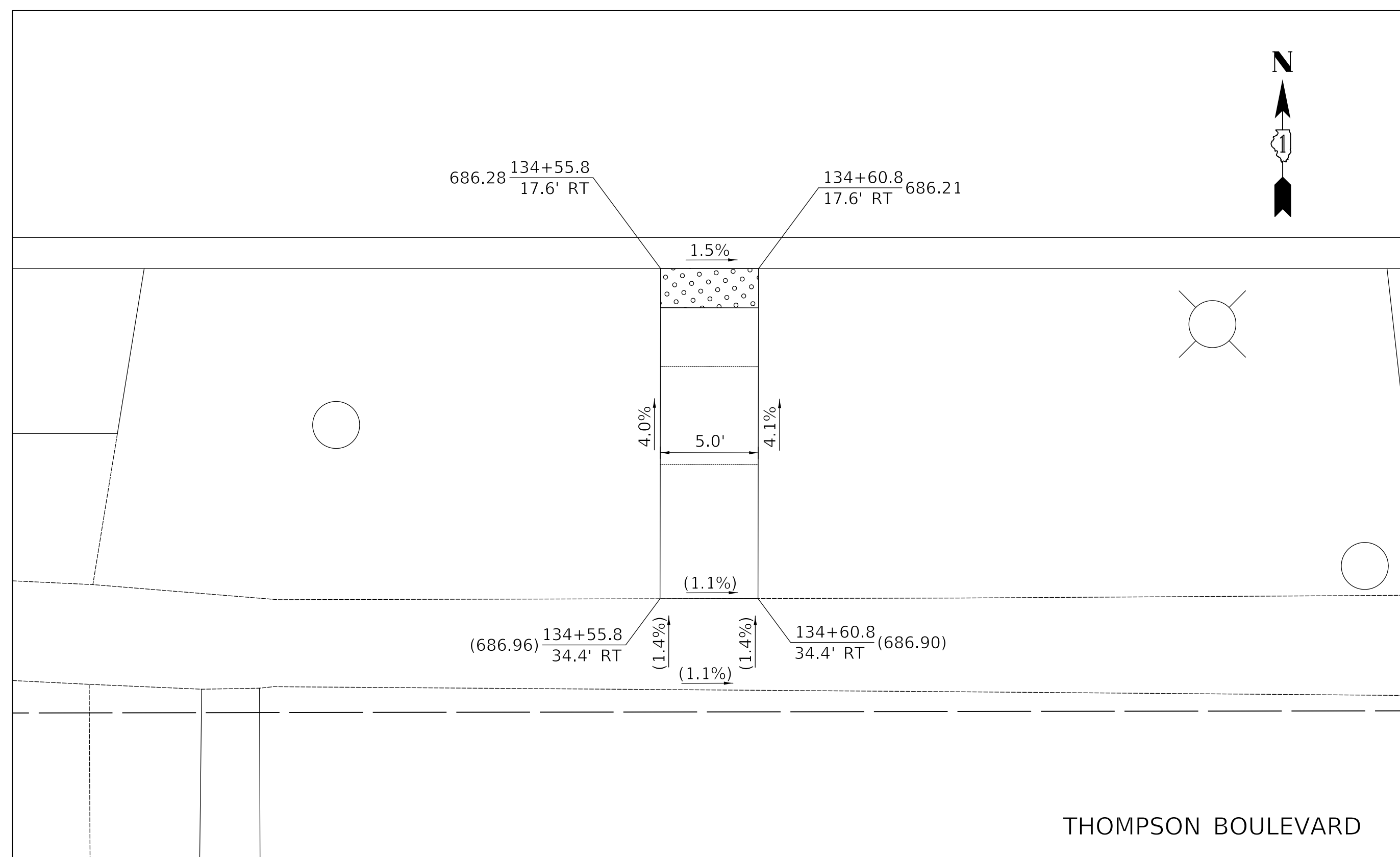
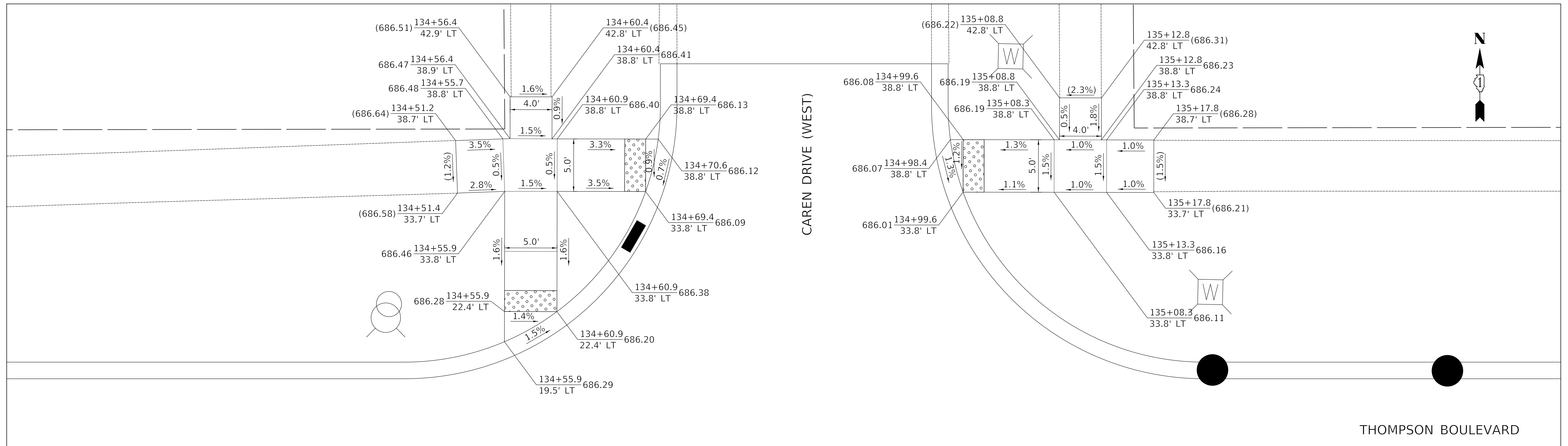
SIDEWALK ADA RAMP DETAILS

SHEET 1 OF 14 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	65
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
	CADD FILE NAME	
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PROFILE	SURVEYED	DATE
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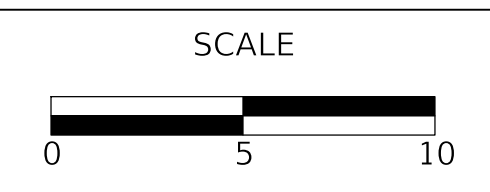
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SIDEWALK ADA RAMP DETAILS

SHEET 2 OF 14 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-RS	LAKE	121	66
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
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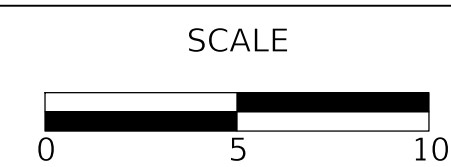
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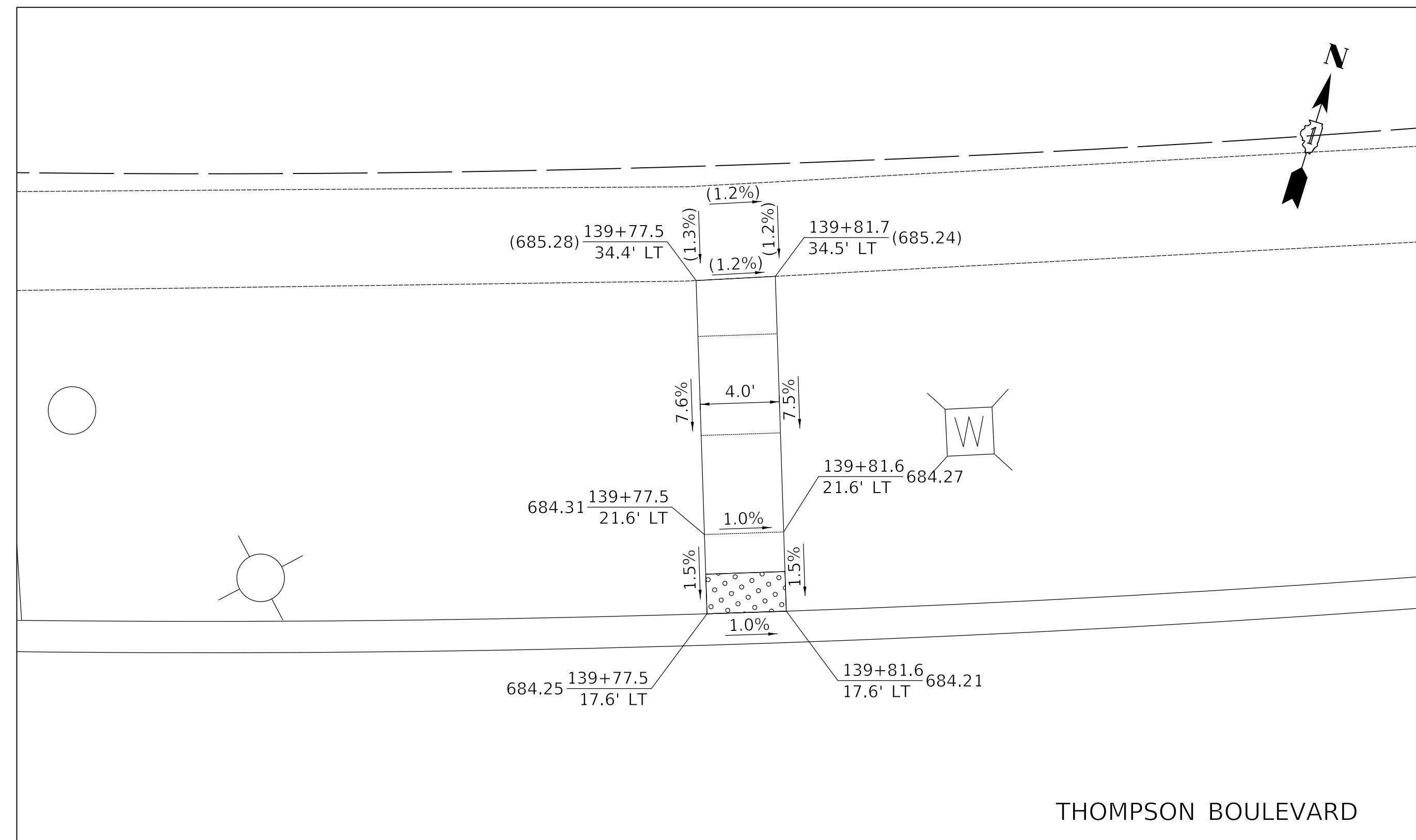
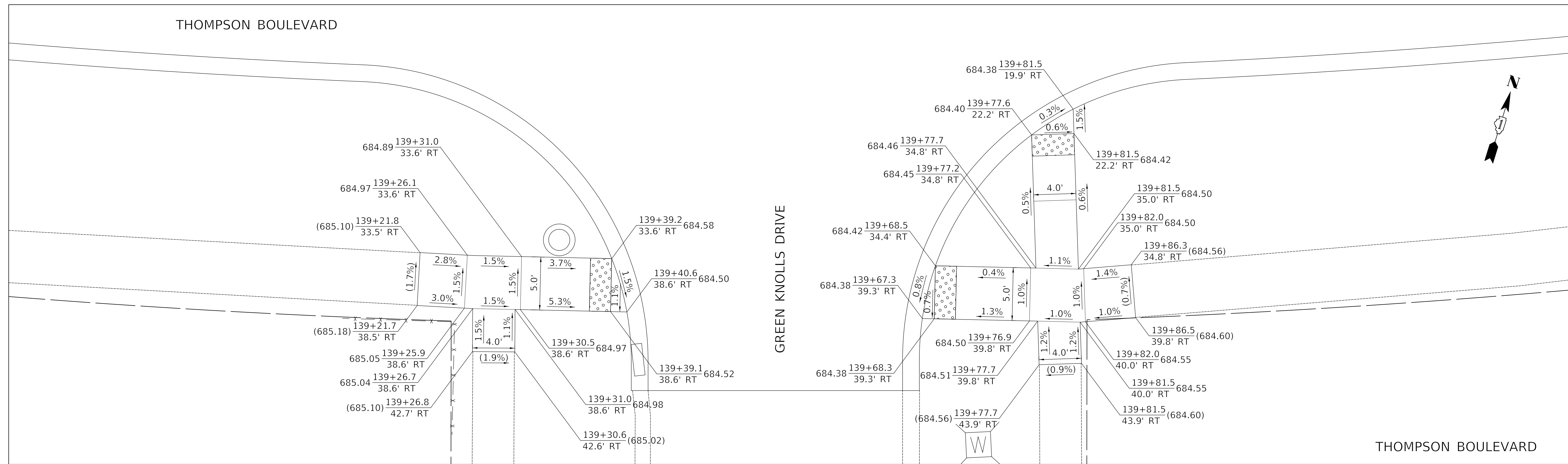
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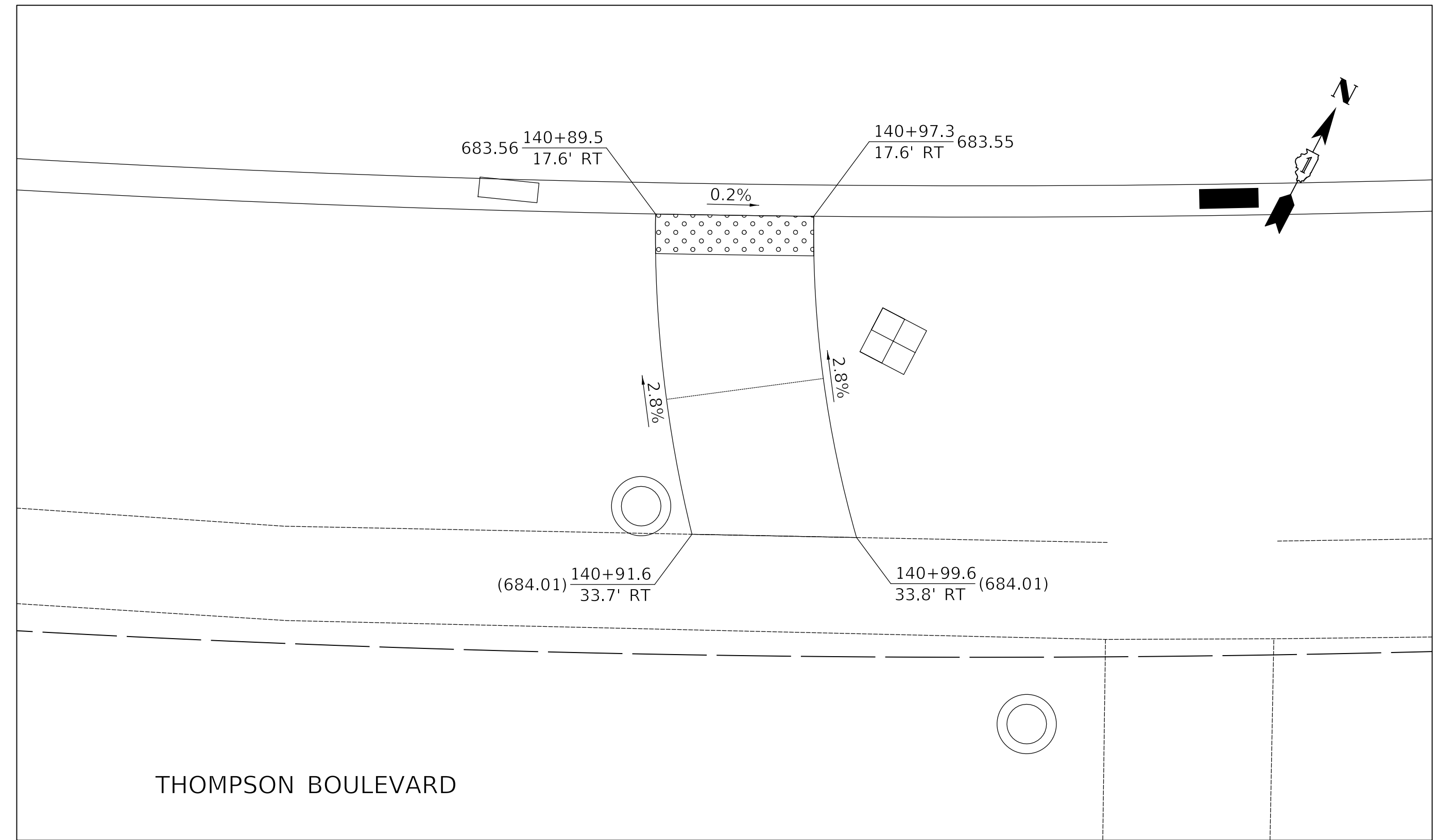
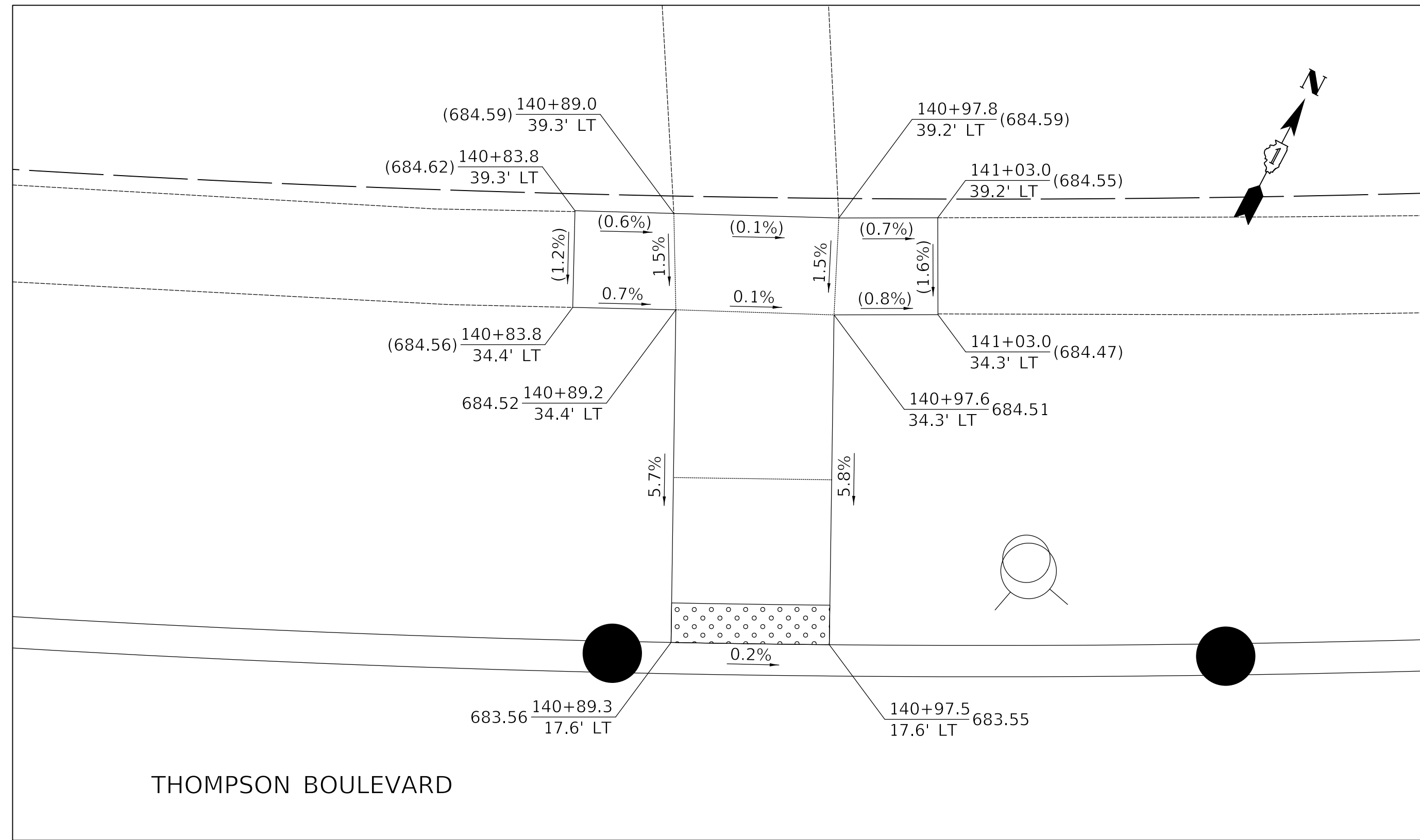
SIDEWALK ADA RAMP DETAILS

SHEET 3 OF 14 SHEETS

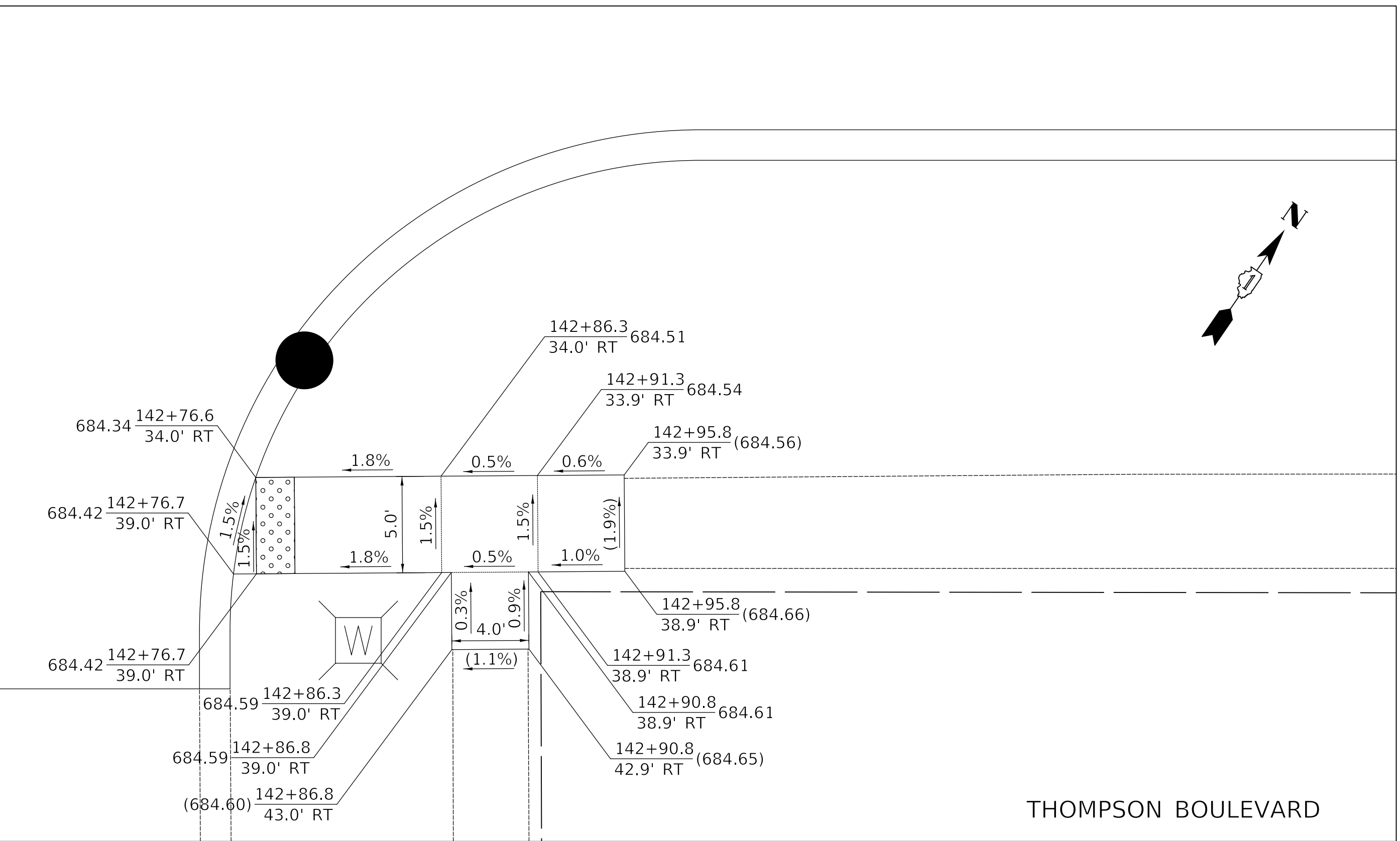
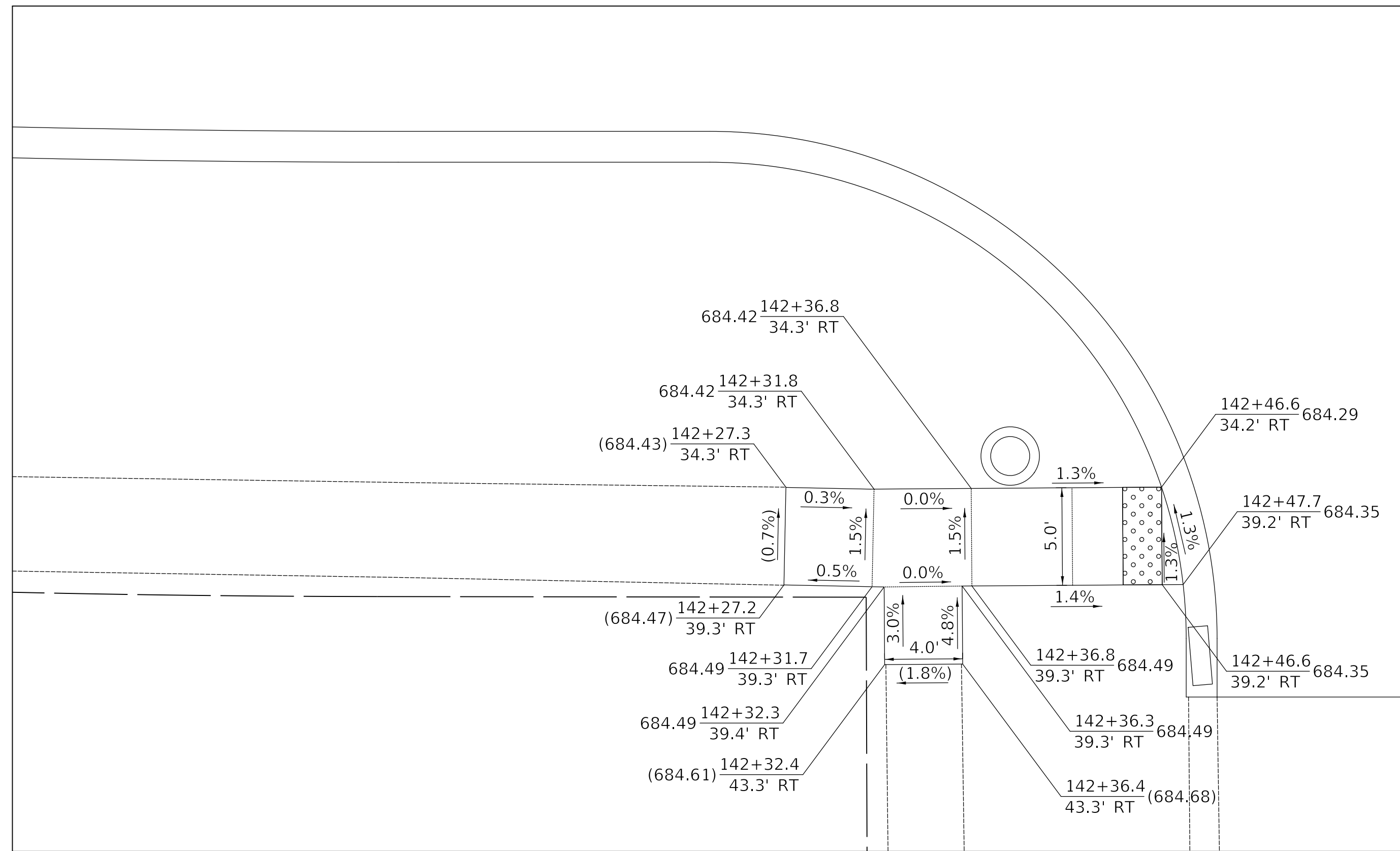
FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-RS	LAKE	121	67
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				



PLAN	SURVEYED	DATE
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	STRUCTURE NOTATION CHECKED	
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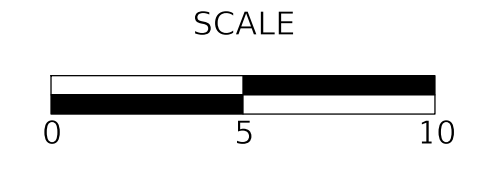
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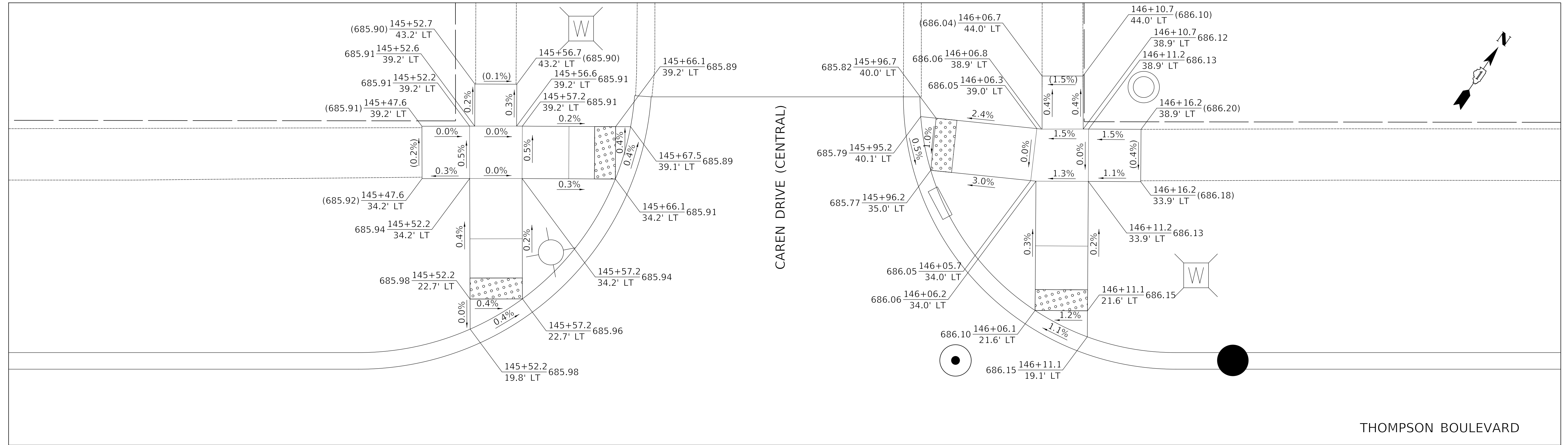
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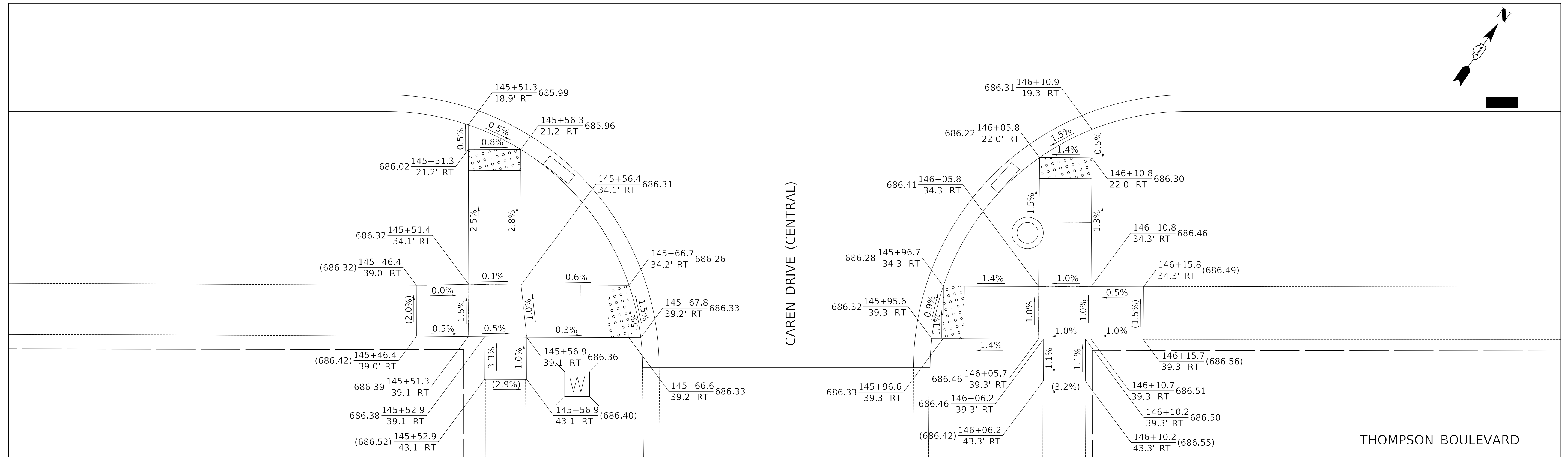
SIDEWALK ADA RAMP DETAILS
SHEET 4 OF 14 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	68
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
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	STRUCTURE NOTATIONS CHECKED	
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PROFILE	SURVEYED	DATE
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	NOTE BOOK NO.	



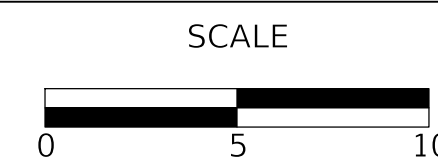
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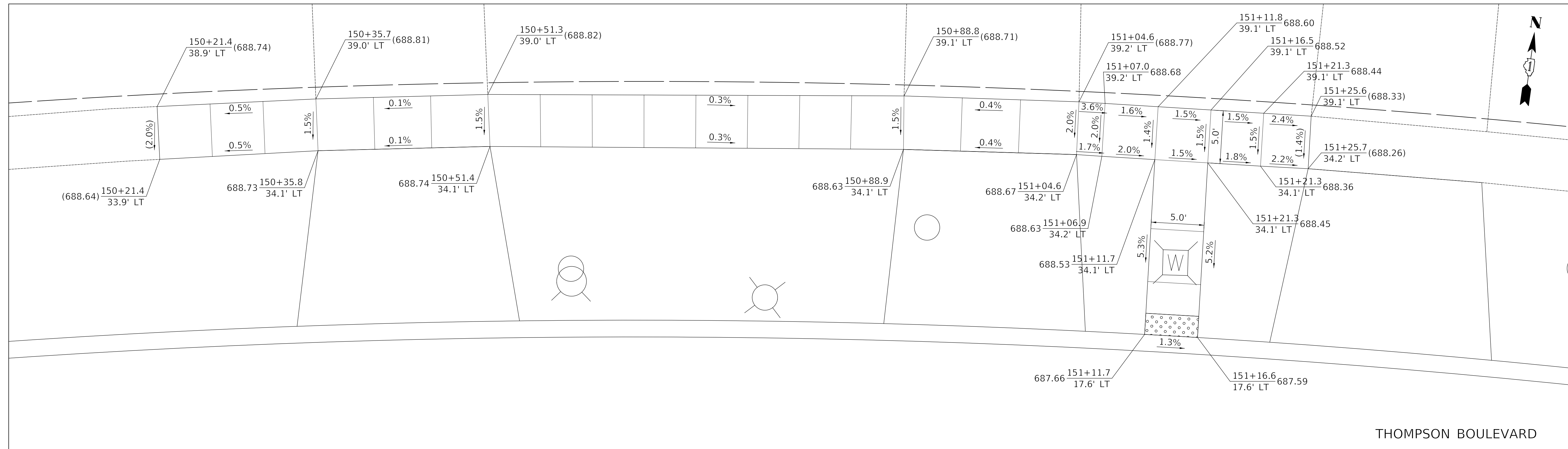


SIDEWALK ADA RAMP DETAILS

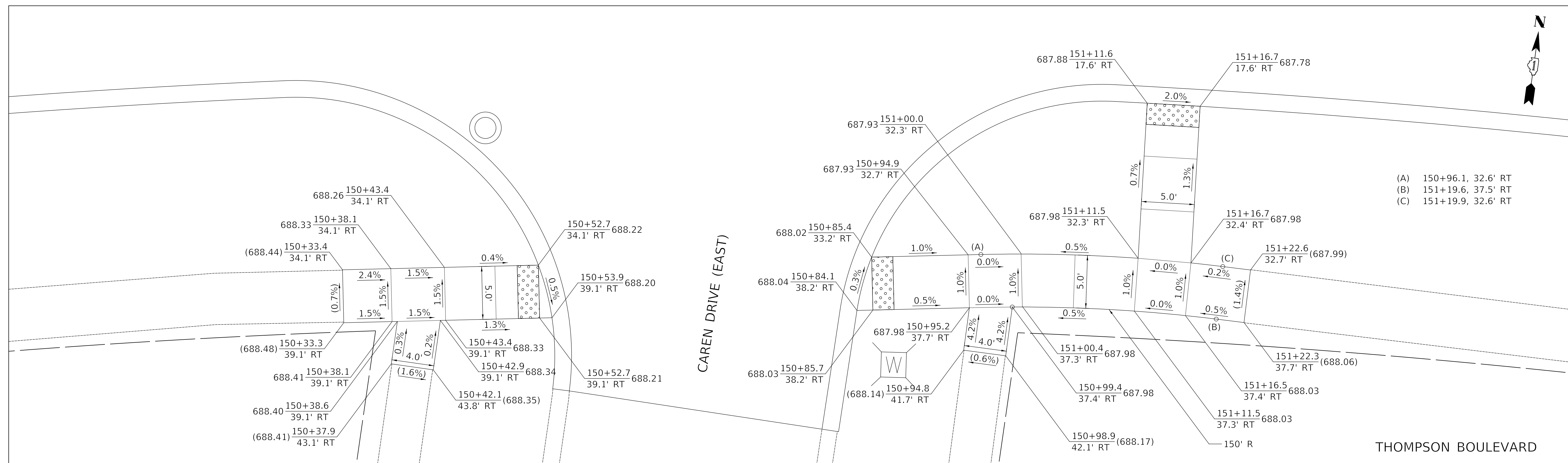
SHEET 5 OF 14 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-RS	LAKE	121	69
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
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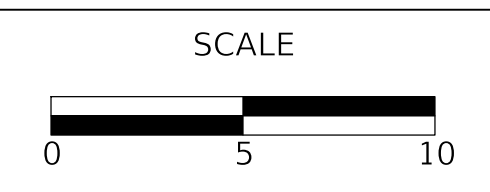
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DATE	-	12/18/2019	REVISED	-

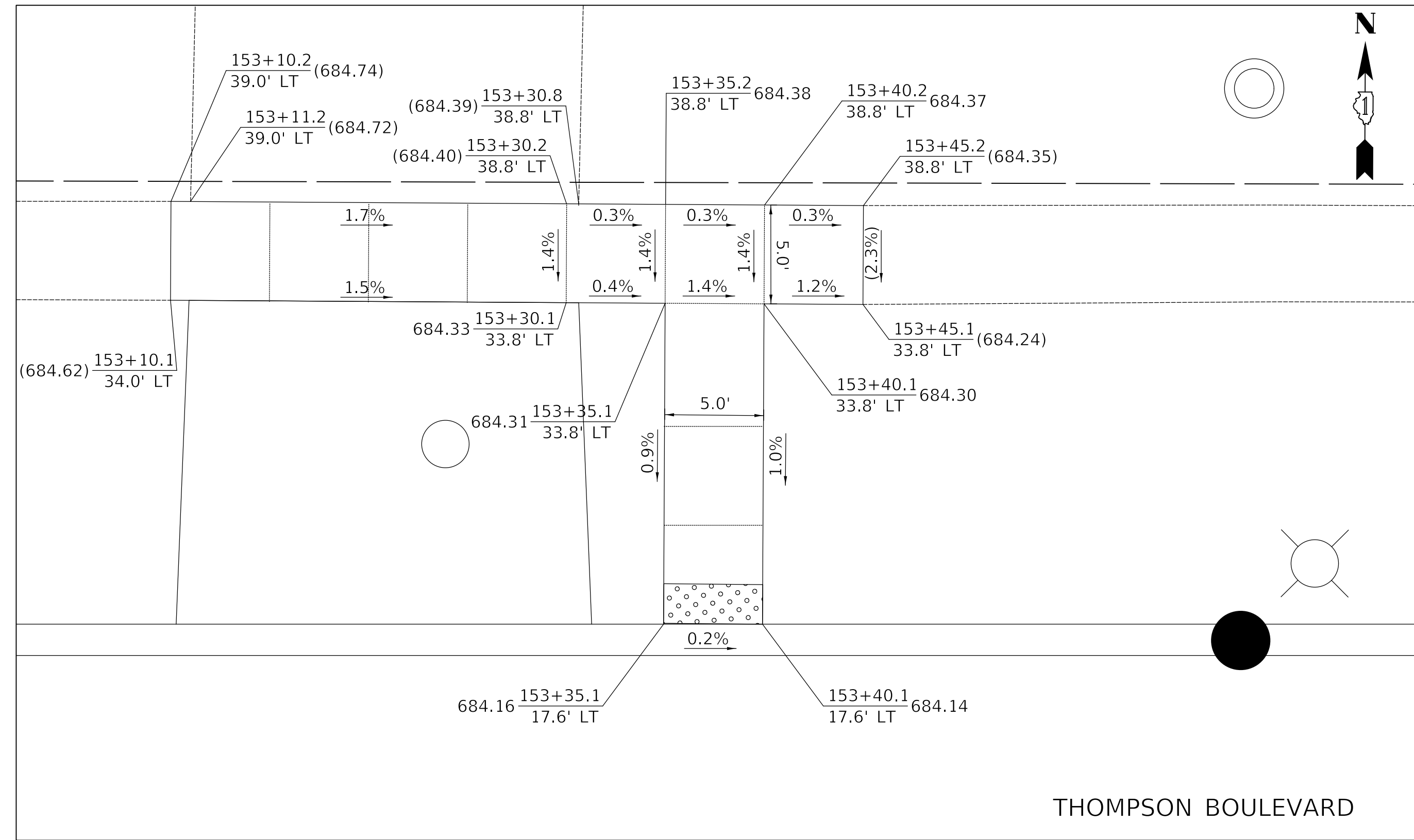
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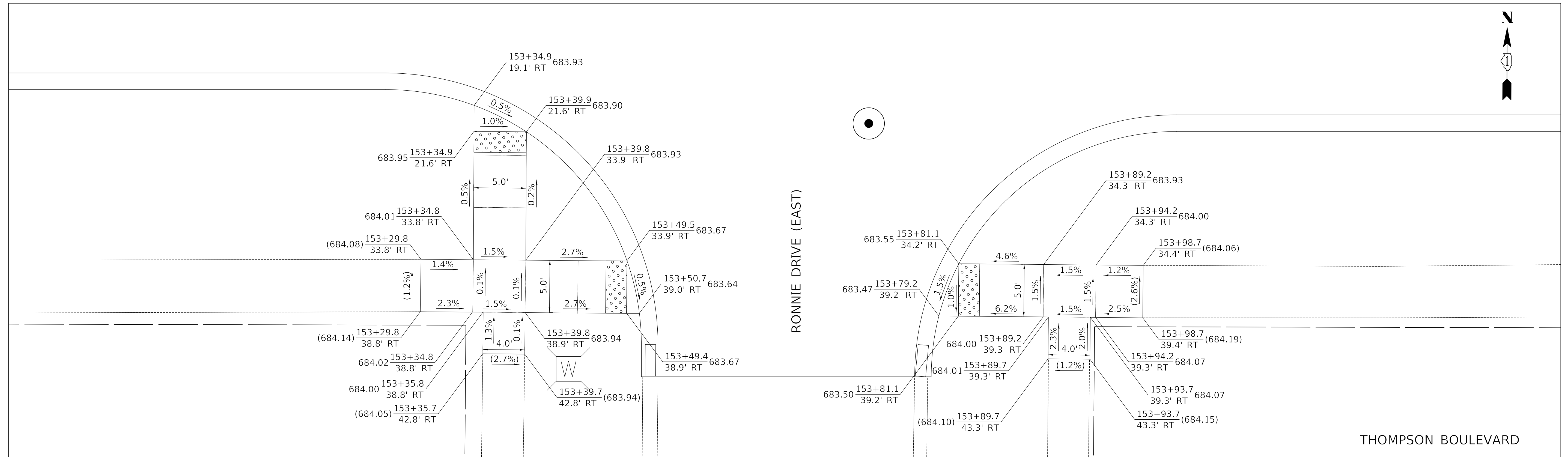
SIDWALK ADA RAMP DETAILS
SHEET 6 OF 14 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	70
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
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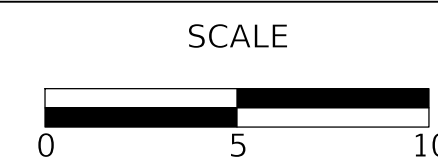
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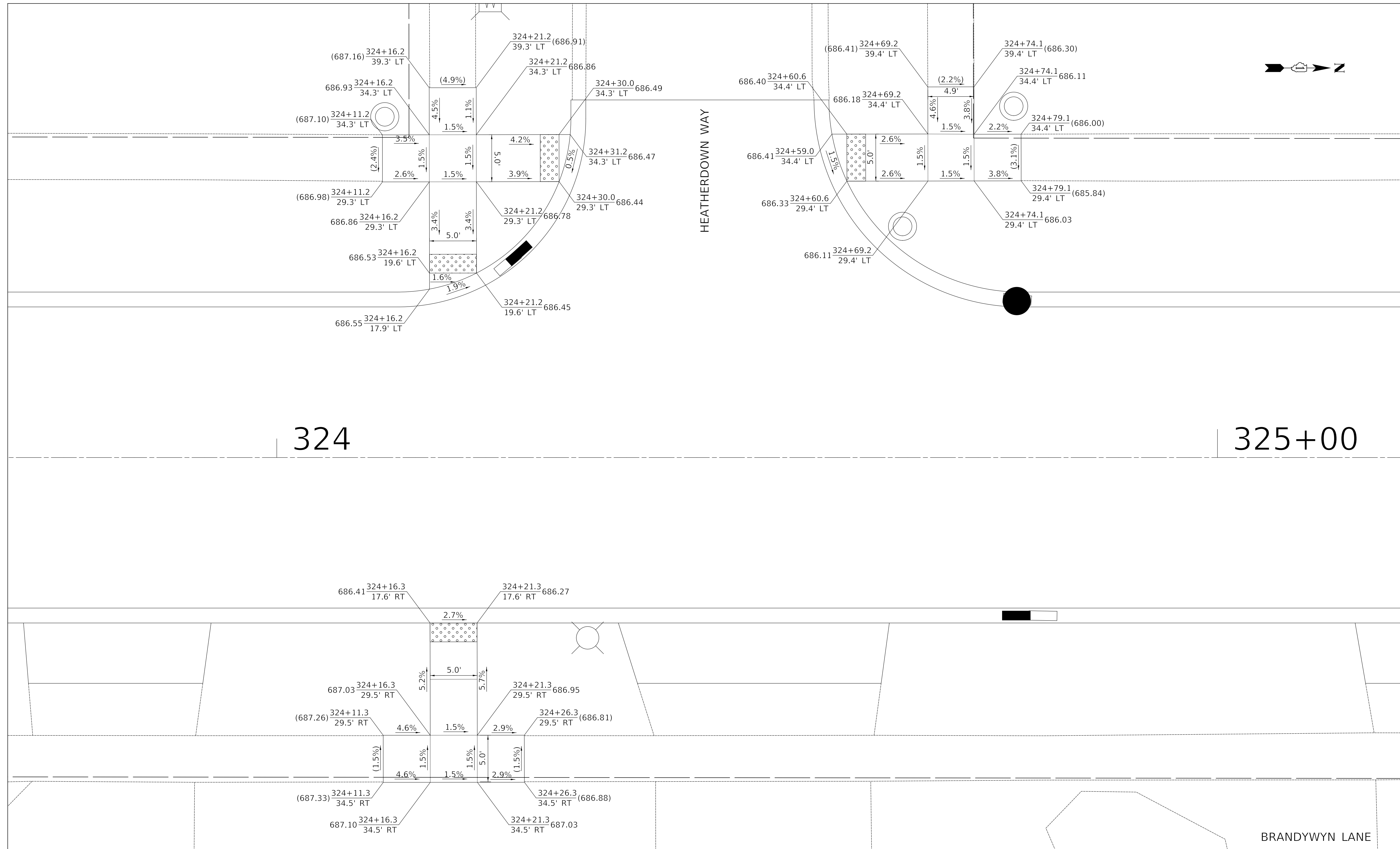
SIDEWALK ADA RAMP DETAILS

SHEET 7 OF 14 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-RS	LAKE	121	71
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
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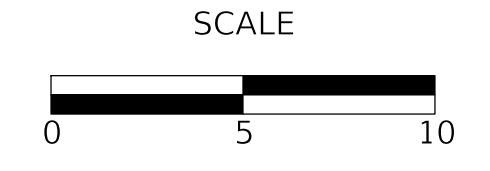
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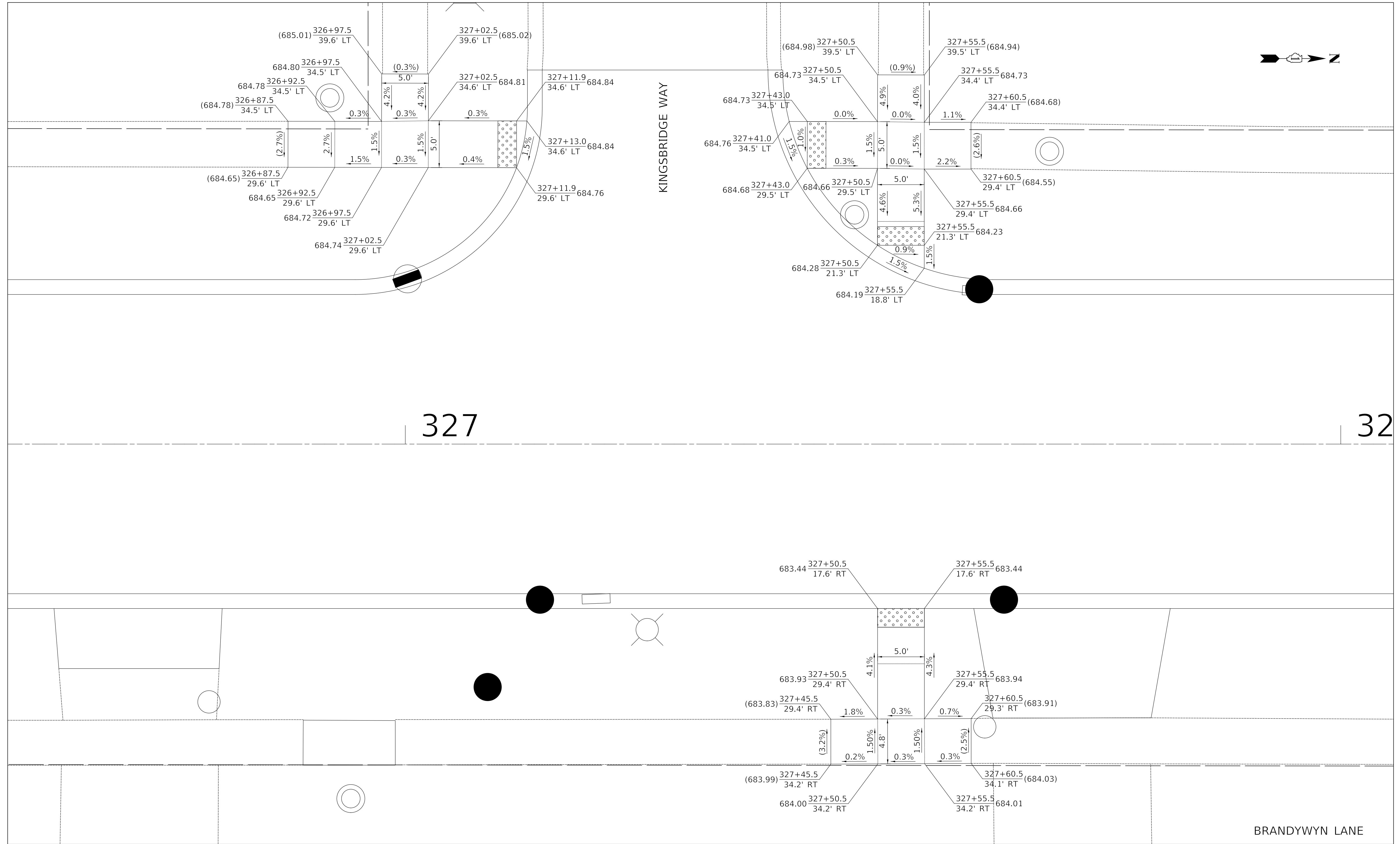
SIDEWALK ADA RAMP DETAILS

SHEET 8 OF 14 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	72
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
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NOTE BOOK NO.	ALIGNMENT CHECKED	
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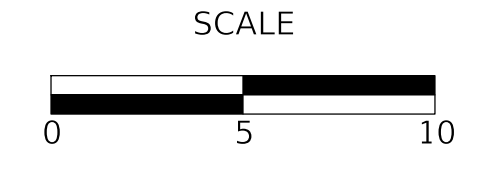
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SIDEWALK ADA RAMP DETAILS

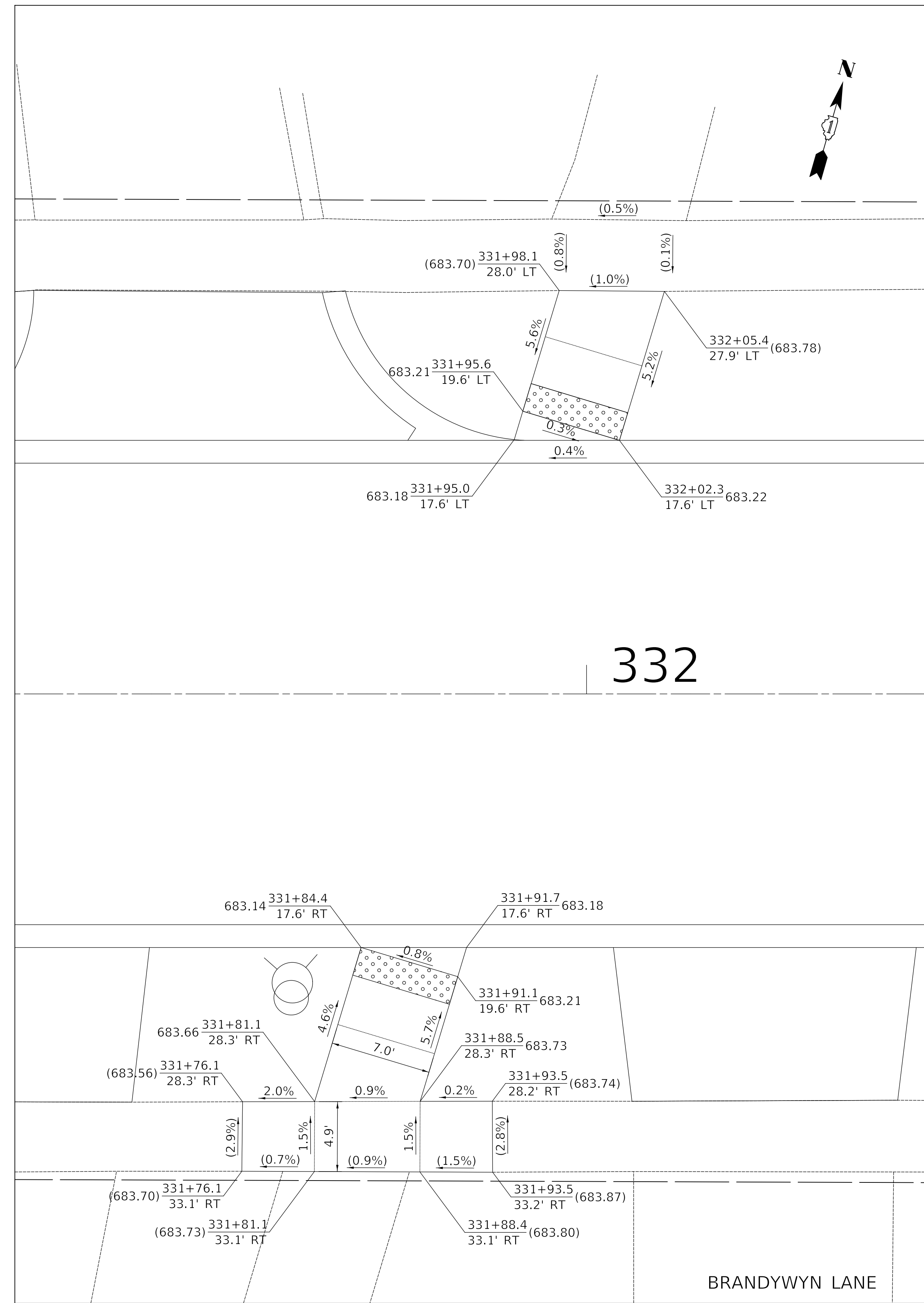
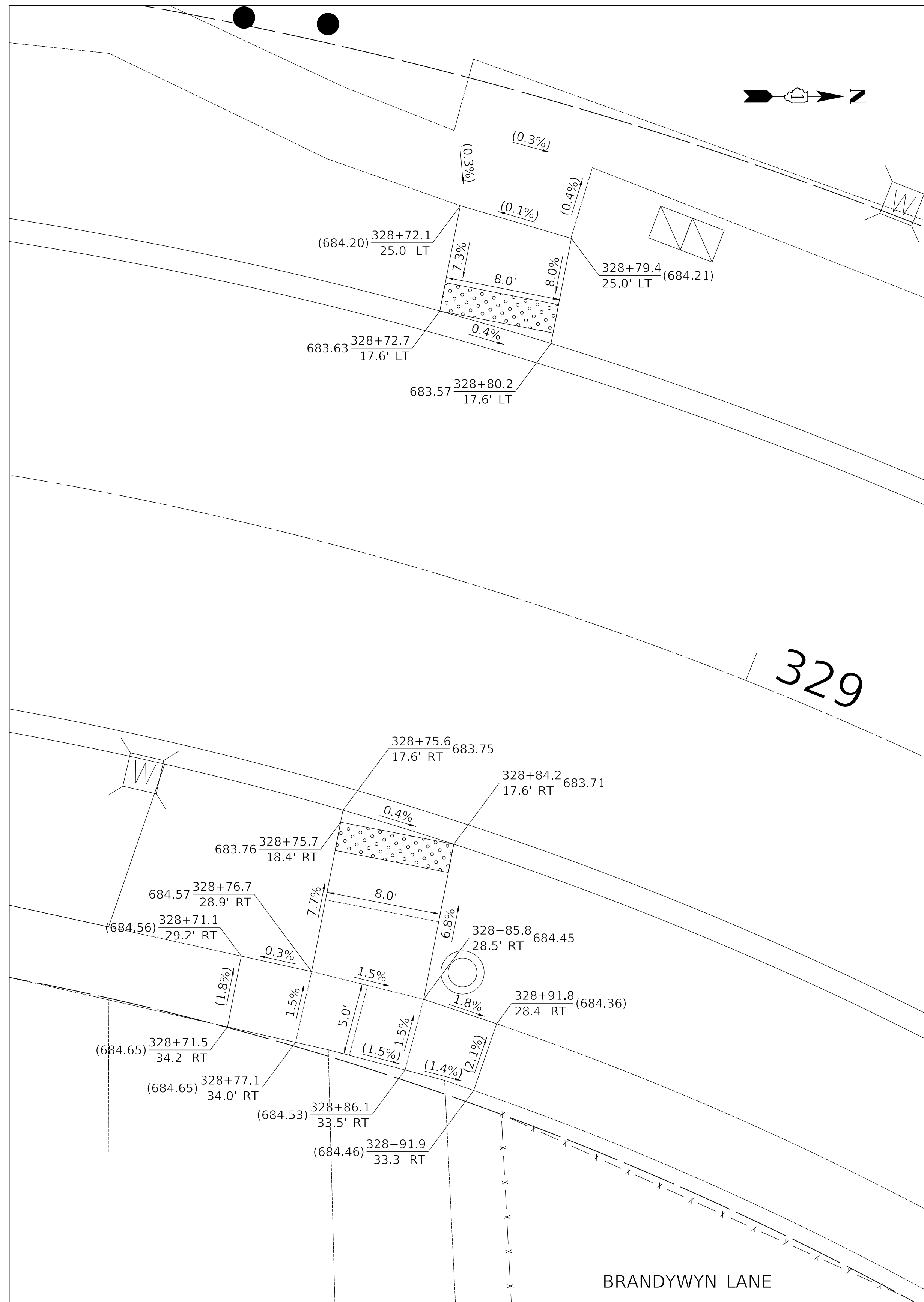
SHEET 9 OF 14 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	73
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
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	ALIGNMENT CHECKED	
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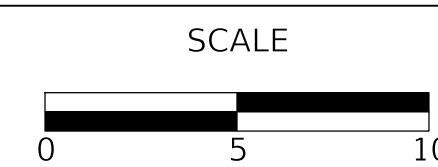
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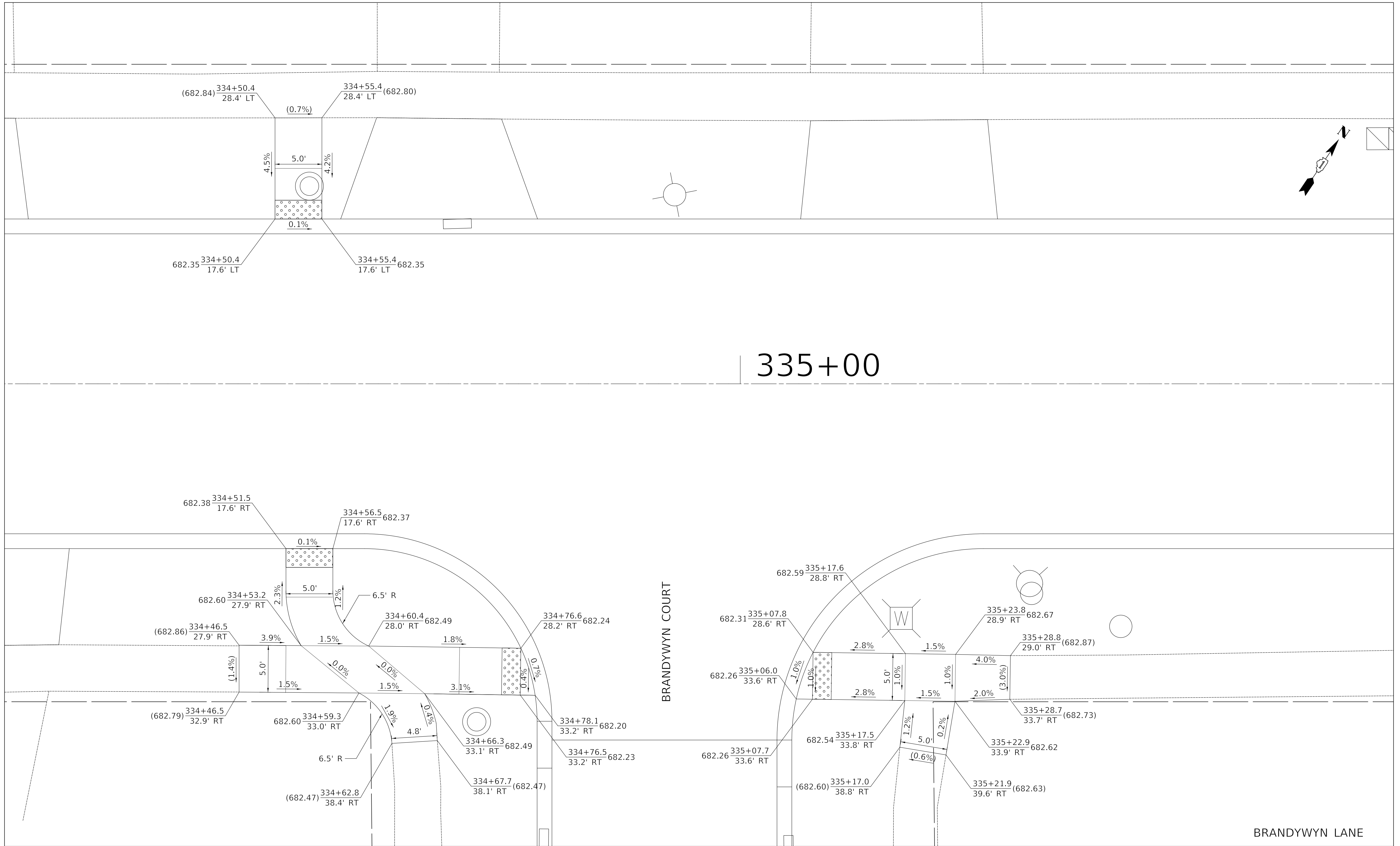
SIDEWALK ADA RAMP DETAILS

SHEET 10 OF 14 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	74
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
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PROFILE	SURVEYED	DATE
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335+00

BRANDYWYN COURT

BRANDYWYN LANE

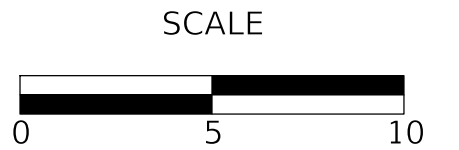
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DATE -	12/18/2019	REVISED -	

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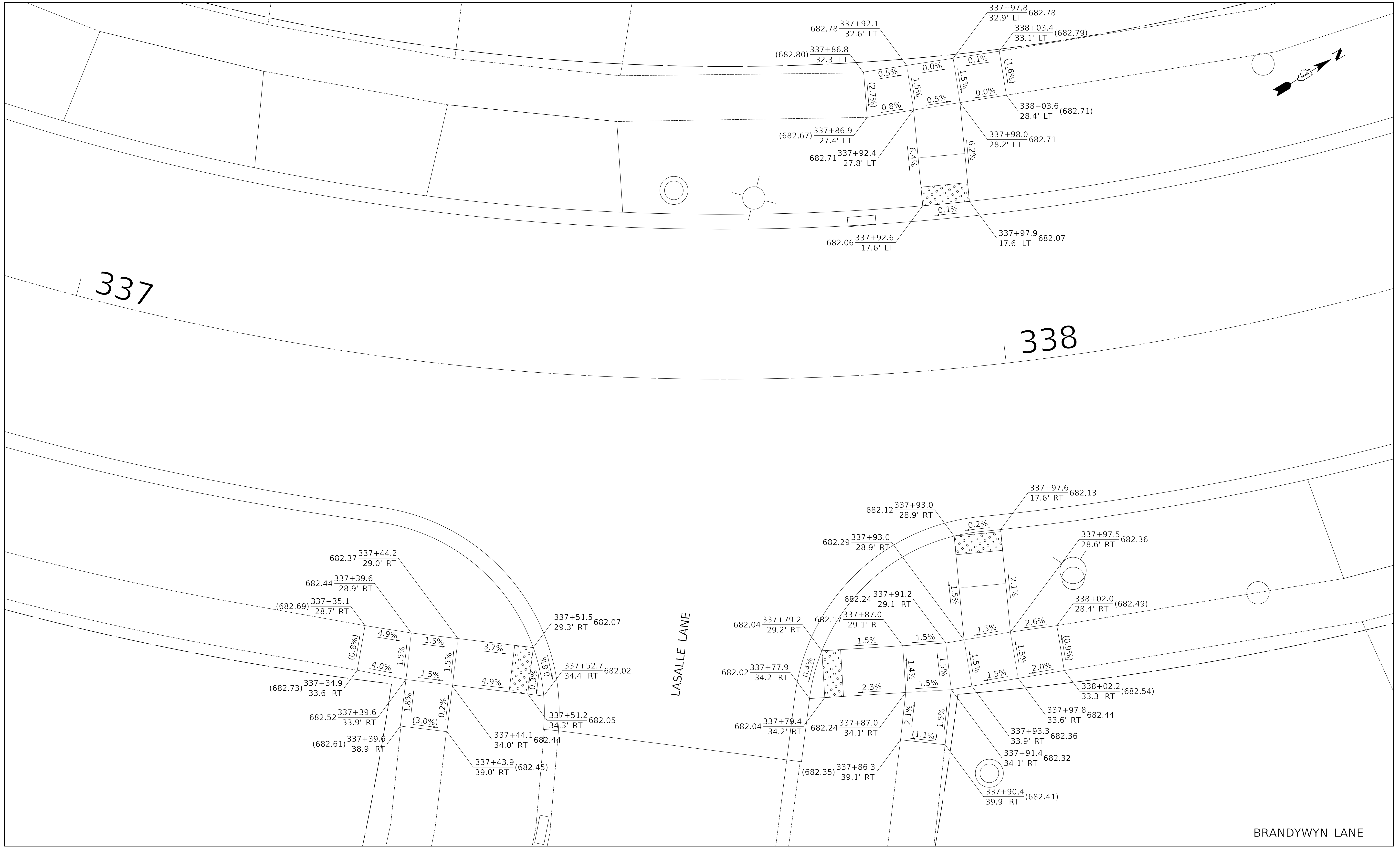
SIDEWALK ADA RAMP DETAILS

SHEET 11 OF 14 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	75
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
NOTE BOOK NO.	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	CADD FILE NAME	

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



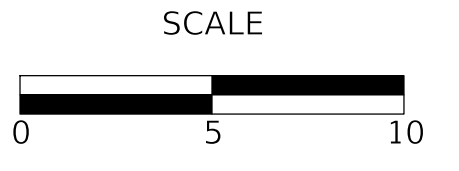
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FILE NAME: ...13223_C1_Brandywyn_ADA_01.dgn



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DATE -	12/18/2019	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

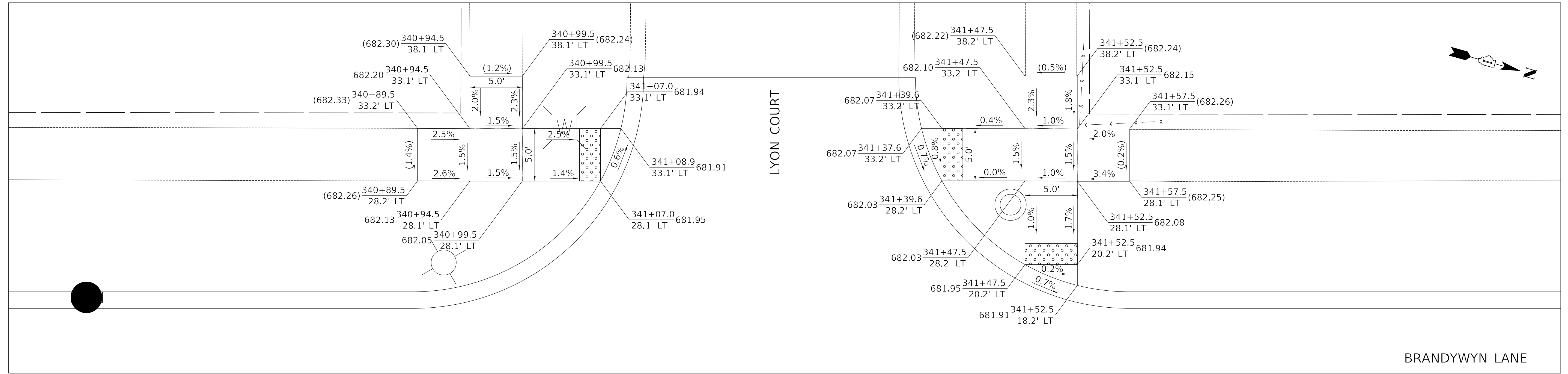


SIDEWALK ADA RAMP DETAILS

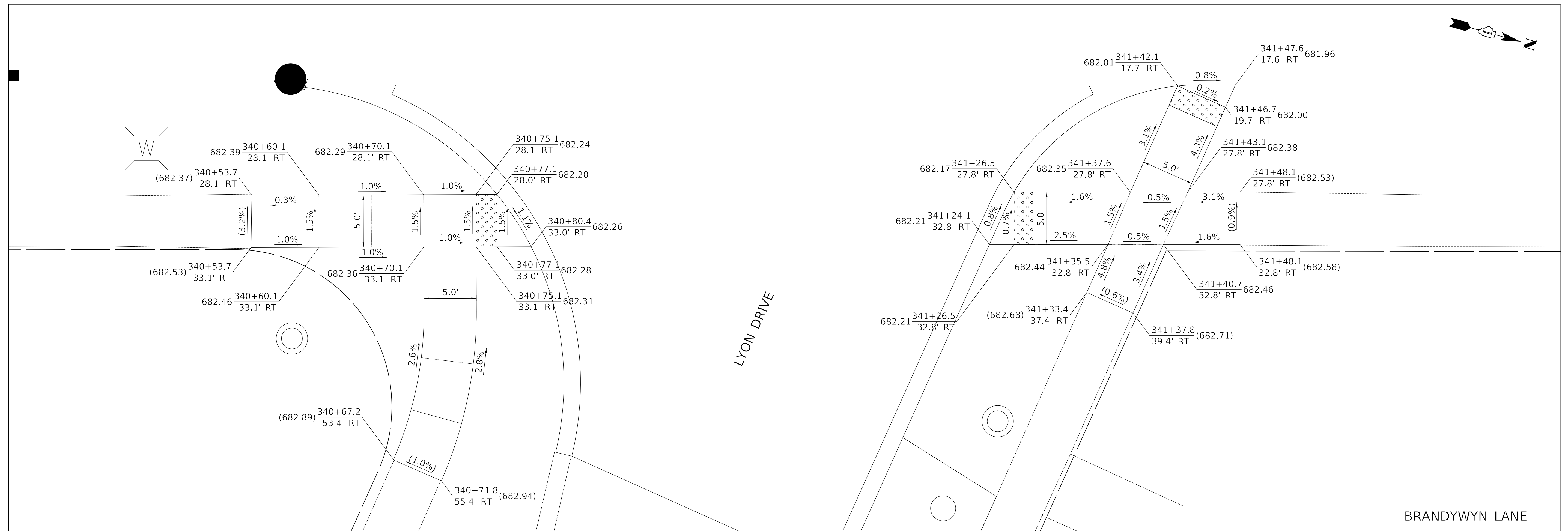
SHEET 12 OF 14 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	76
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADE CHECKED	
	STRUCTURE NOTATION CHECKED	
	FILE NAME	
	NO.	



PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
	FILE NAME	
	NO.	



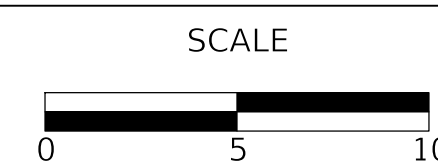
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FILE NAME: ...13223_C1_Brandywyn_ADA_01.dgn



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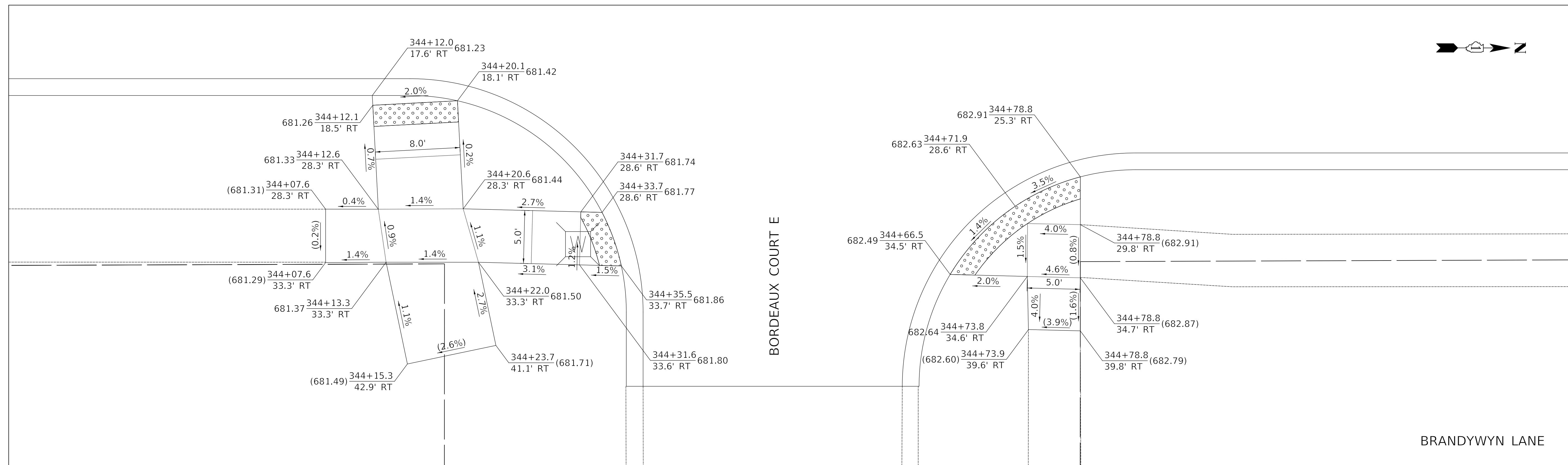
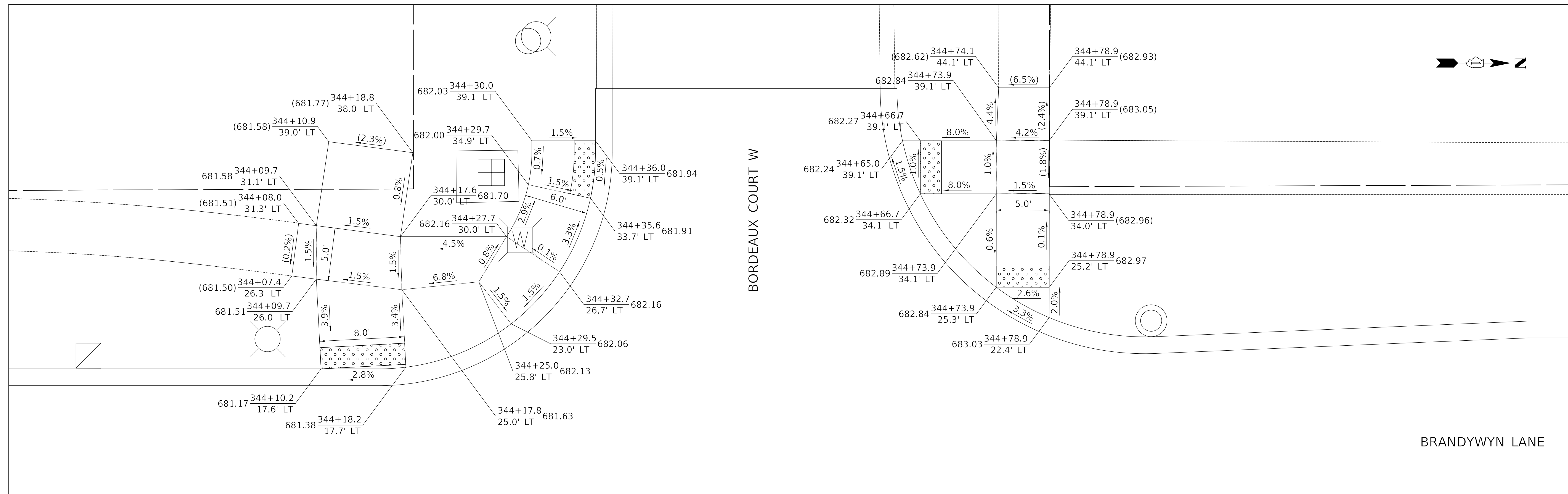
SIDEWALK ADA RAMP DETAILS

SHEET 13 OF 14 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	77
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.	CADD FILE NAME	

PROFILE	SURVEYED	DATE
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	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.	CADD FILE NAME	



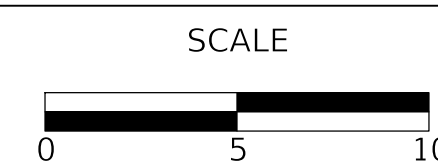
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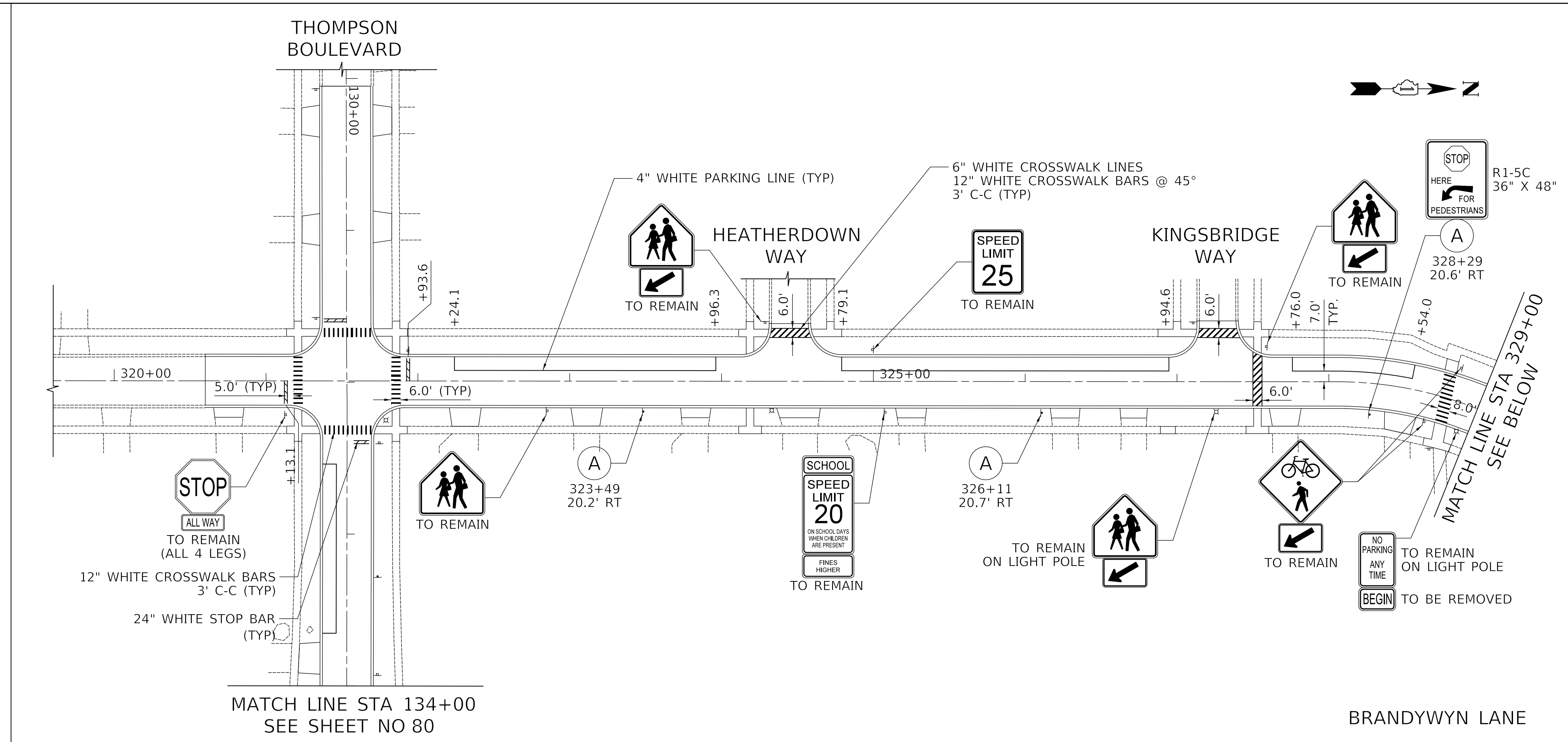
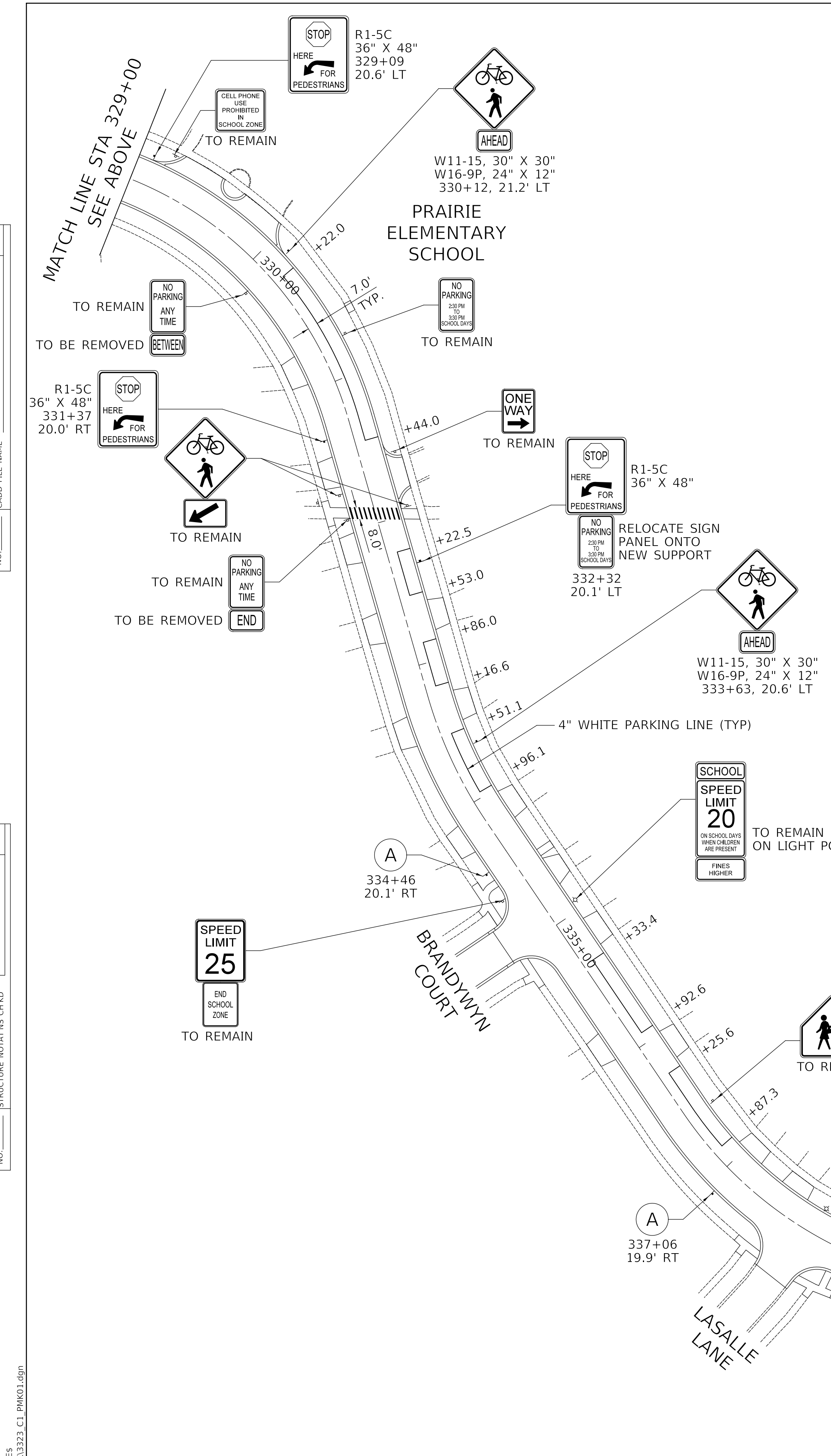
SIDEWALK ADA RAMP DETAILS

SHEET 14 OF 14 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	78
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	ALIGNMENT CHECKED
	NOTE BOOK
	NO.
	CADD FILE NAME
	NO.

DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	NOTE BOOK
	NO.
	STRUCTURE NOTATION
	NO.



- NOTES:
- ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
 - ALL SIGNS SHALL BE FURNISHED AND INSTALLED BY THE VILLAGE. THEY ARE SHOWN HERE FOR INFORMATIONAL PURPOSES ONLY.

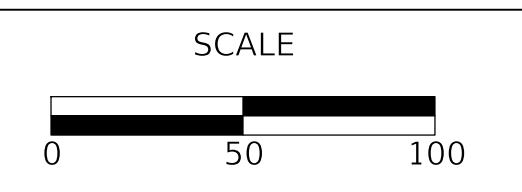
- LEGEND:
- (A) NO PARKING THIS SIDE OF STREET NEW R7-SPECIAL 12" X 18"



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PAVEMENT MARKING AND SIGNING PLAN

SHEET 1 OF 2 SHEETS STA 320+60 TO STA 345+73

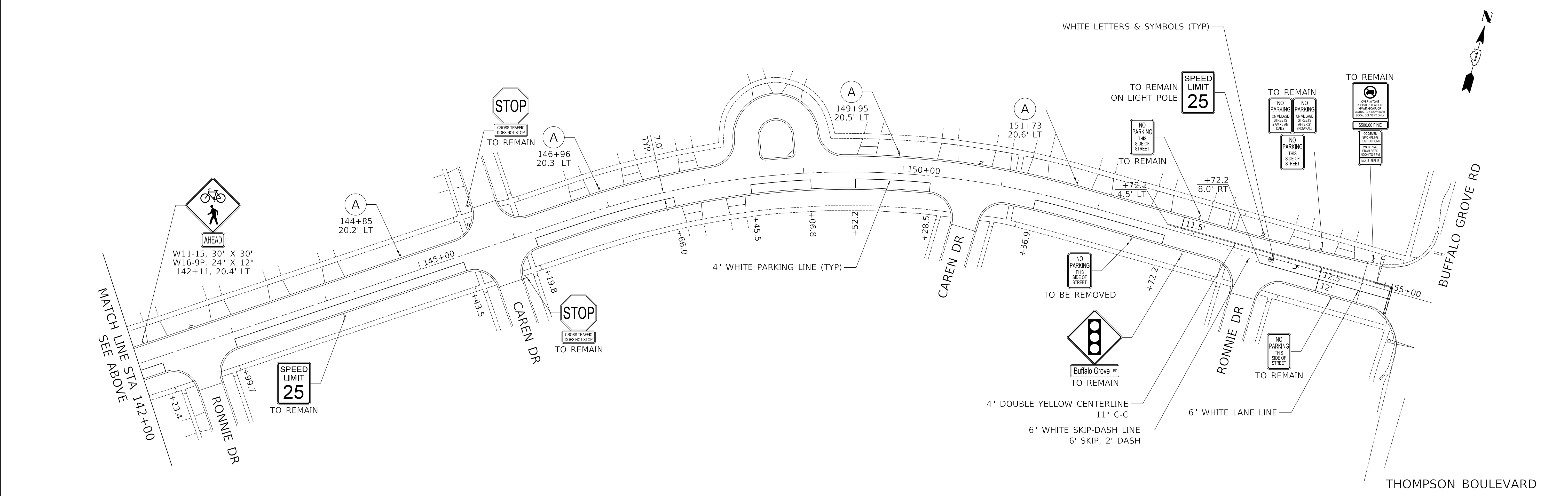
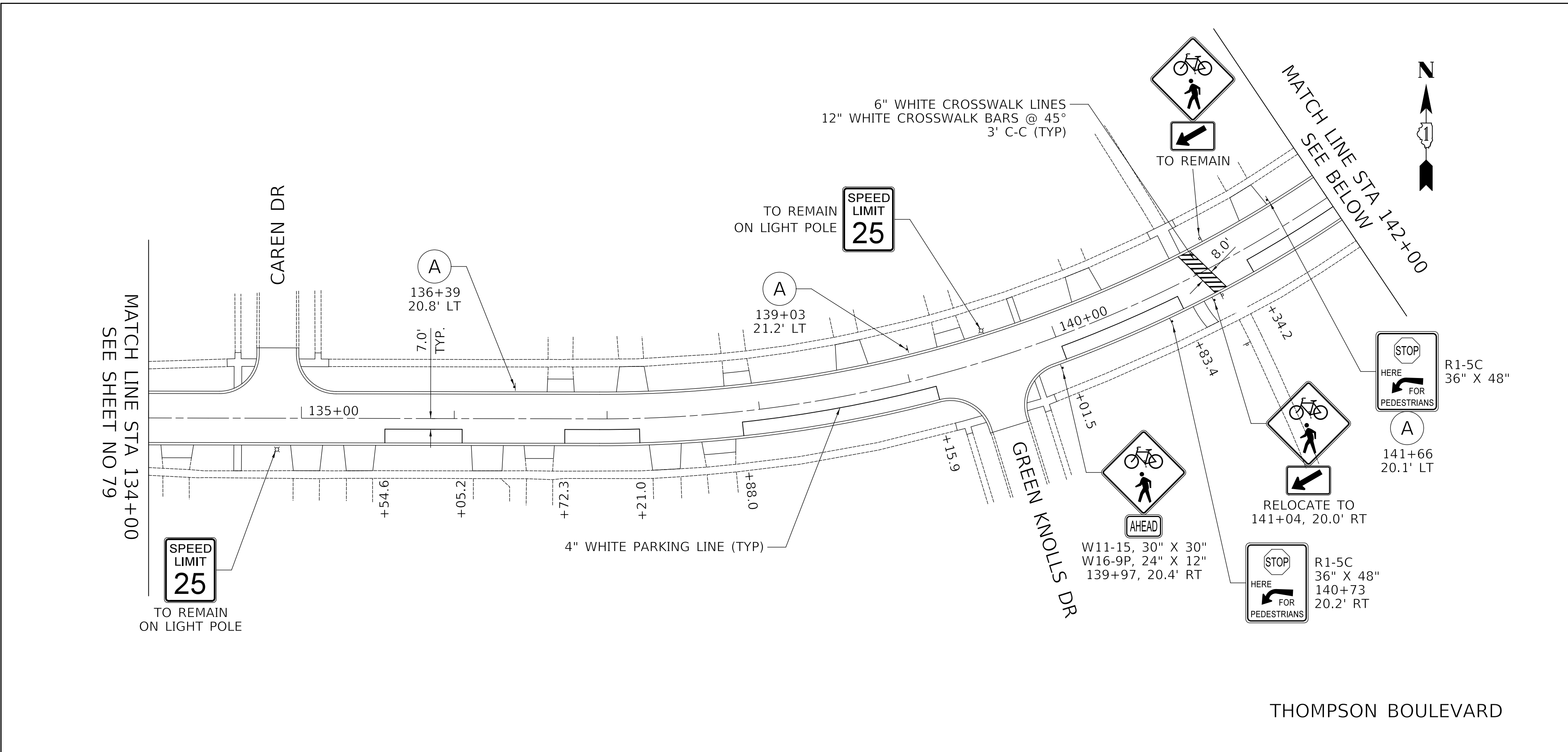
FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	79
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

MODEL: S:\MODEL\NAMES
FILE NAME: ...13-PMK3323_C1_PMK01.dgn

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	CHECKED
	NOTE BOOK	NO.
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	CHECKED
	NOTE BOOK	NO.
	FILE NAME	

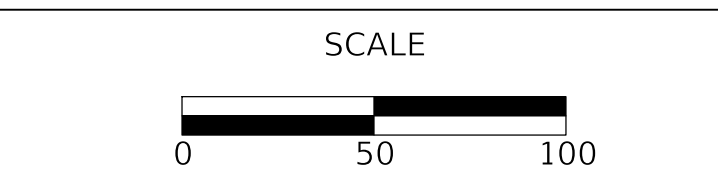
MODEL: S:\MODEL\NAMES
FILE NAME: ...115-PMK3323 C1_PMK01.dgn



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PAVEMENT MARKING AND SIGNING PLAN
SHEET 2 OF 2 SHEETS
STA 134+00 TO STA 154+90

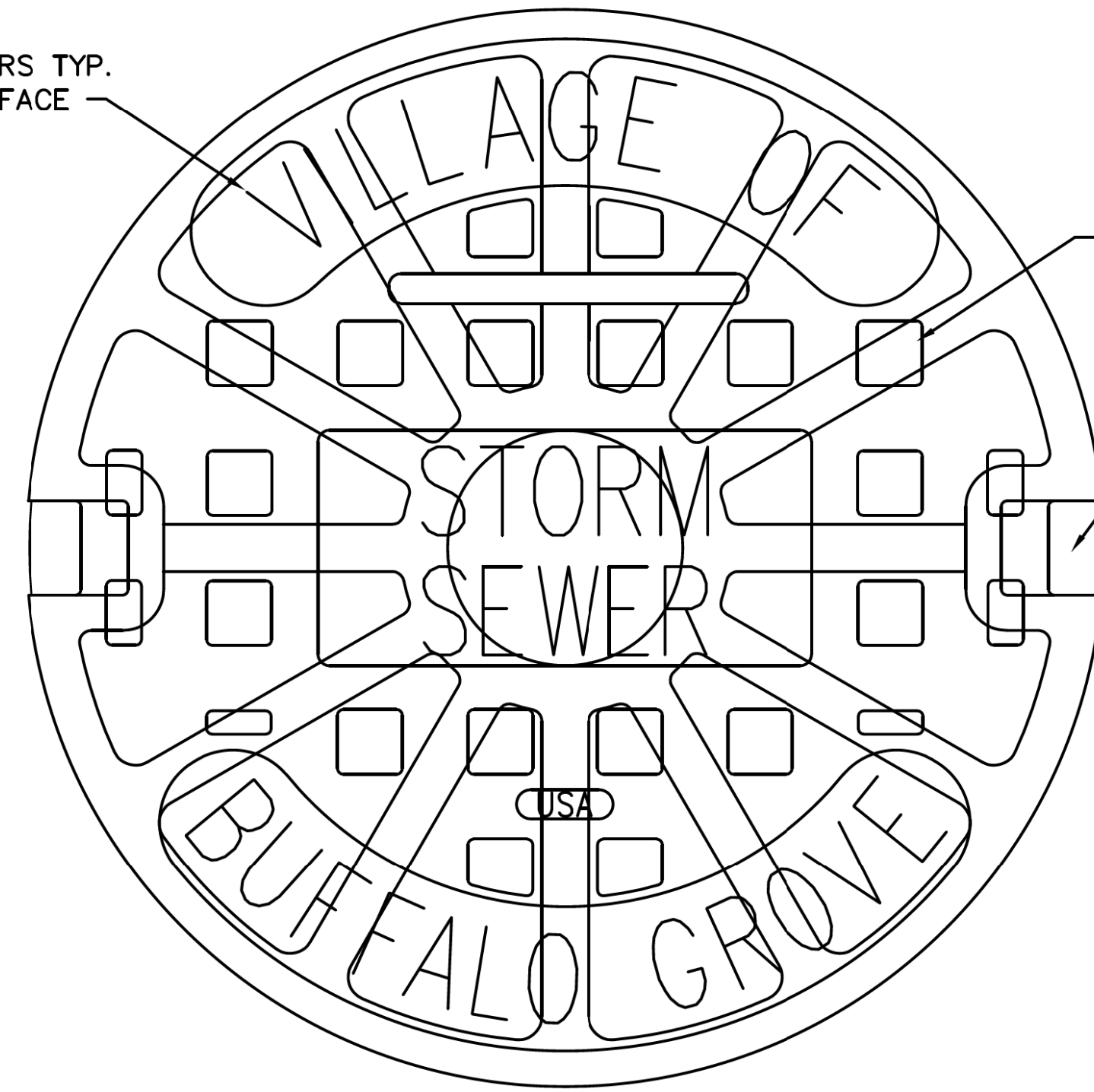
FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	80
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

EXHIBIT NO. 201

DATE	
BY	
PLAN	
NO.	
DATE	
BY	
PROFILE	
NO.	

DATE	
BY	
PROFILE	
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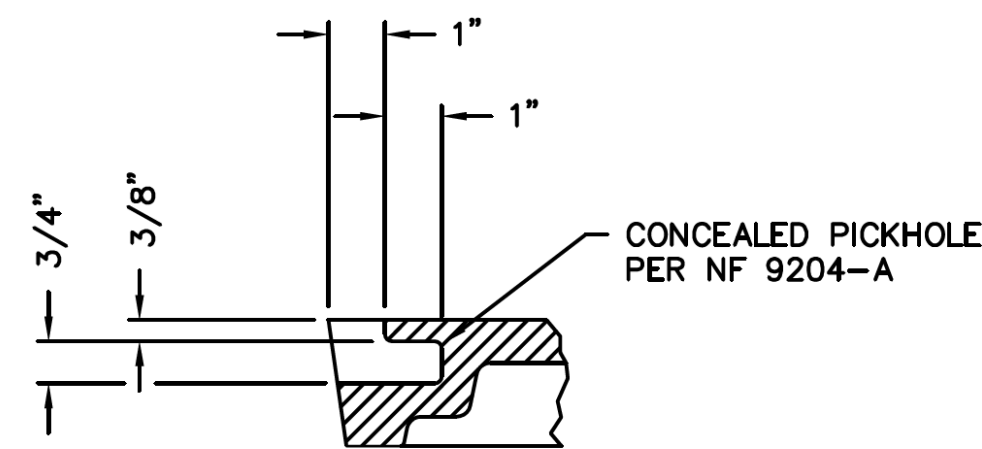
1" RAISED LETTERS TYP.
FLUSH WITH SURFACE



TYPE 'B' RECESSED POCKETS

(2) CONCEALED TYPE PICK HOLE
PER NF - 9204-A

CONCEALED PICKHOLE DETAIL



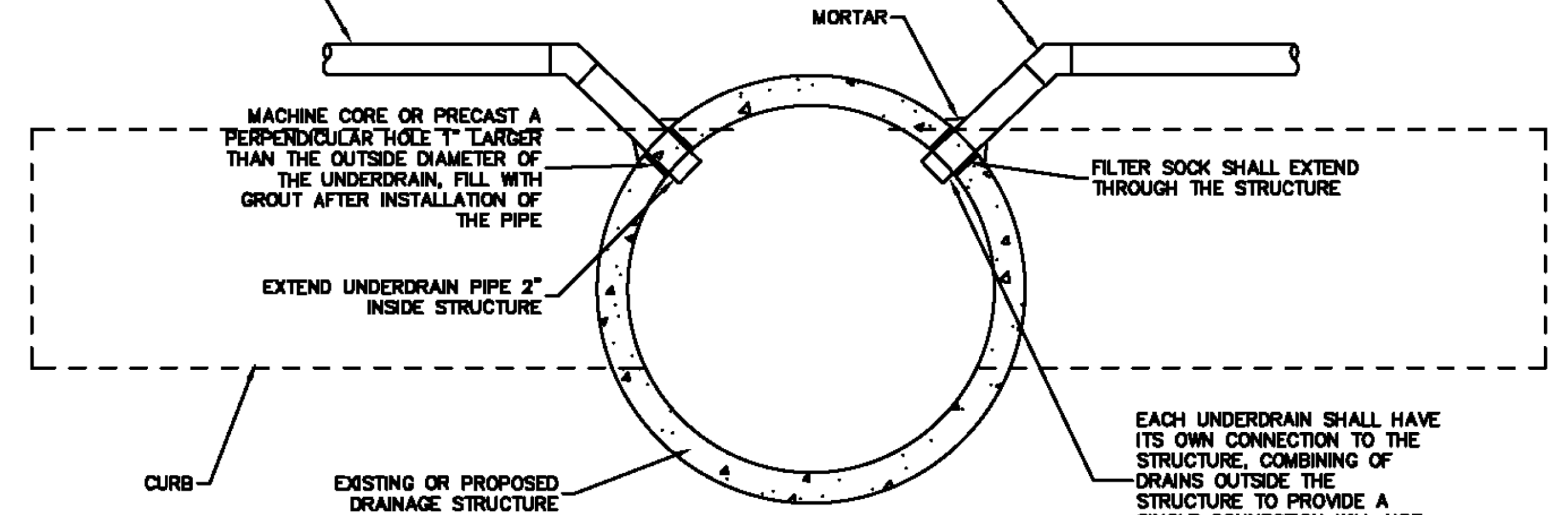
CONCEALED PICKHOLE
PER NF 9204-A

STORM SEWER MANHOLE LID DETAIL

Prepared by the Village Engineering Division

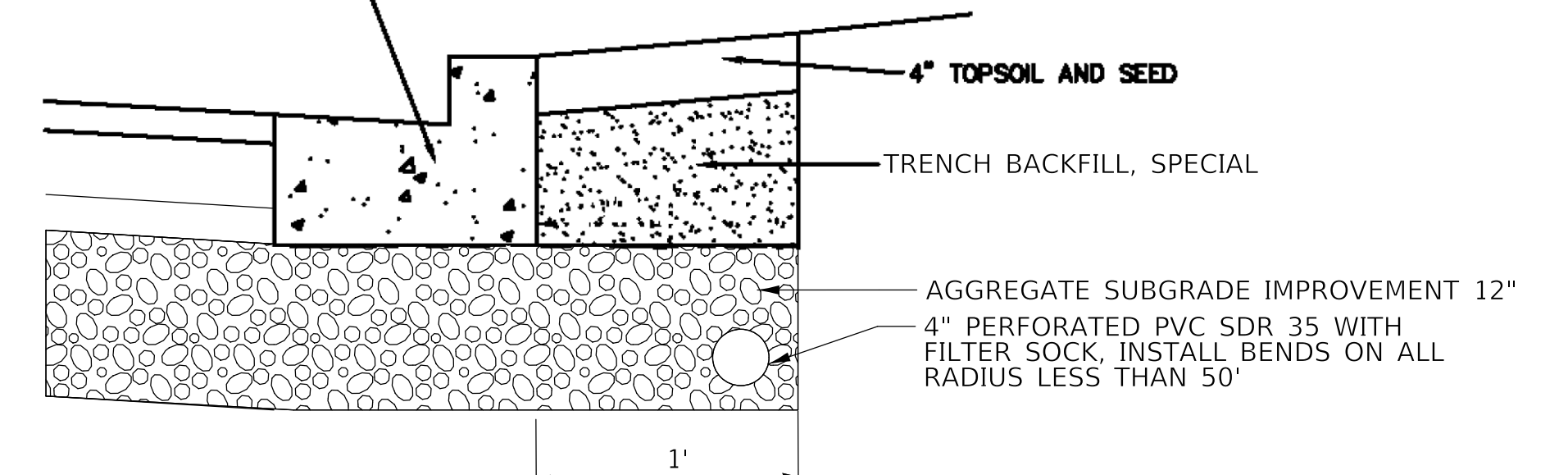
4" UNDERDRAIN WITH FILTER SOCK
FOR A LENGTH OF 50' OR 10' IN
OPPOSITE DIRECTIONS IN
STRUCTURES UNDER PAVEMENT
FROM EACH CURB LINE STRUCTURE

45° BEND, 90° BENDS WILL NOT BE ALLOWED



UNDERDRAIN STRUCTURE CONNECTION DETAIL

SEE CURB AND
GUTTER DETAIL FOR
CURB INFORMATION



CURB UNDERDRAIN DETAIL

SUBSURFACE DRAINAGE DETAIL

MODEL: SPODELNAME\$
FILE NAME: ...115-Detail\$323 C1_Detail.dgn



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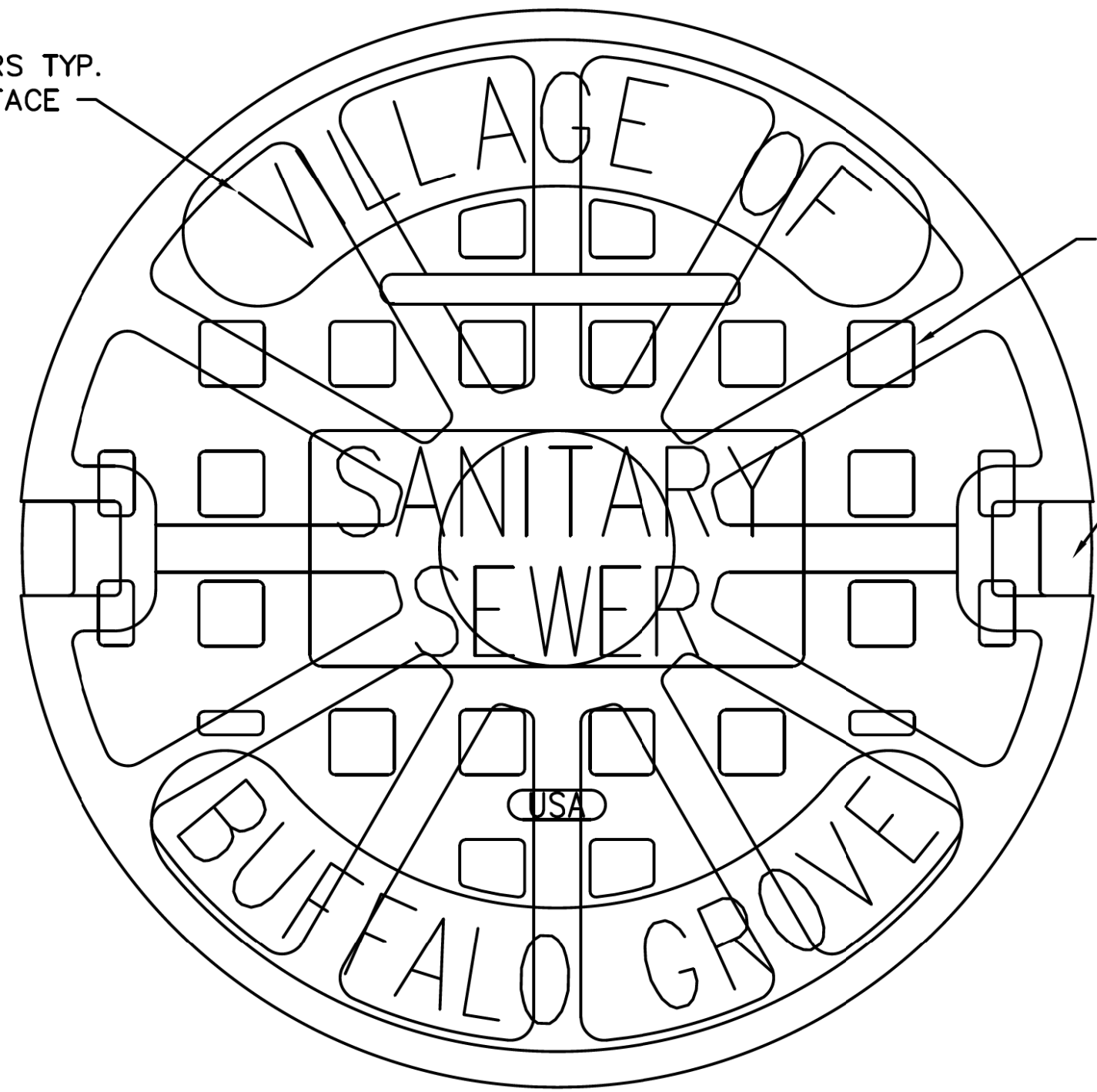
CONSTRUCTION DETAILS

SHEET 1 OF 5 SHEETS STA TO STA

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	81
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

EXHIBIT NO. 301

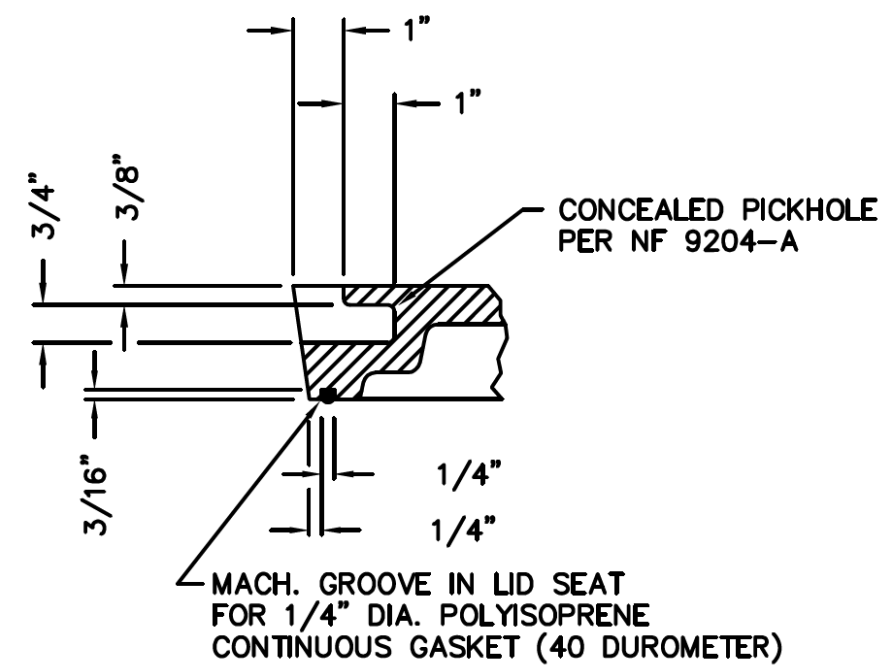
1" RAISED LETTERS TYP.
FLUSH WITH SURFACE



TYPE 'B' RECESSED POCKETS

(2) CONCEALED TYPE PICK HOLE
PER NF - 9204-A

CONCEALED PICKHOLE DETAIL



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	NOTE BOOK	
	NO.	
	CADD FILE NAME	

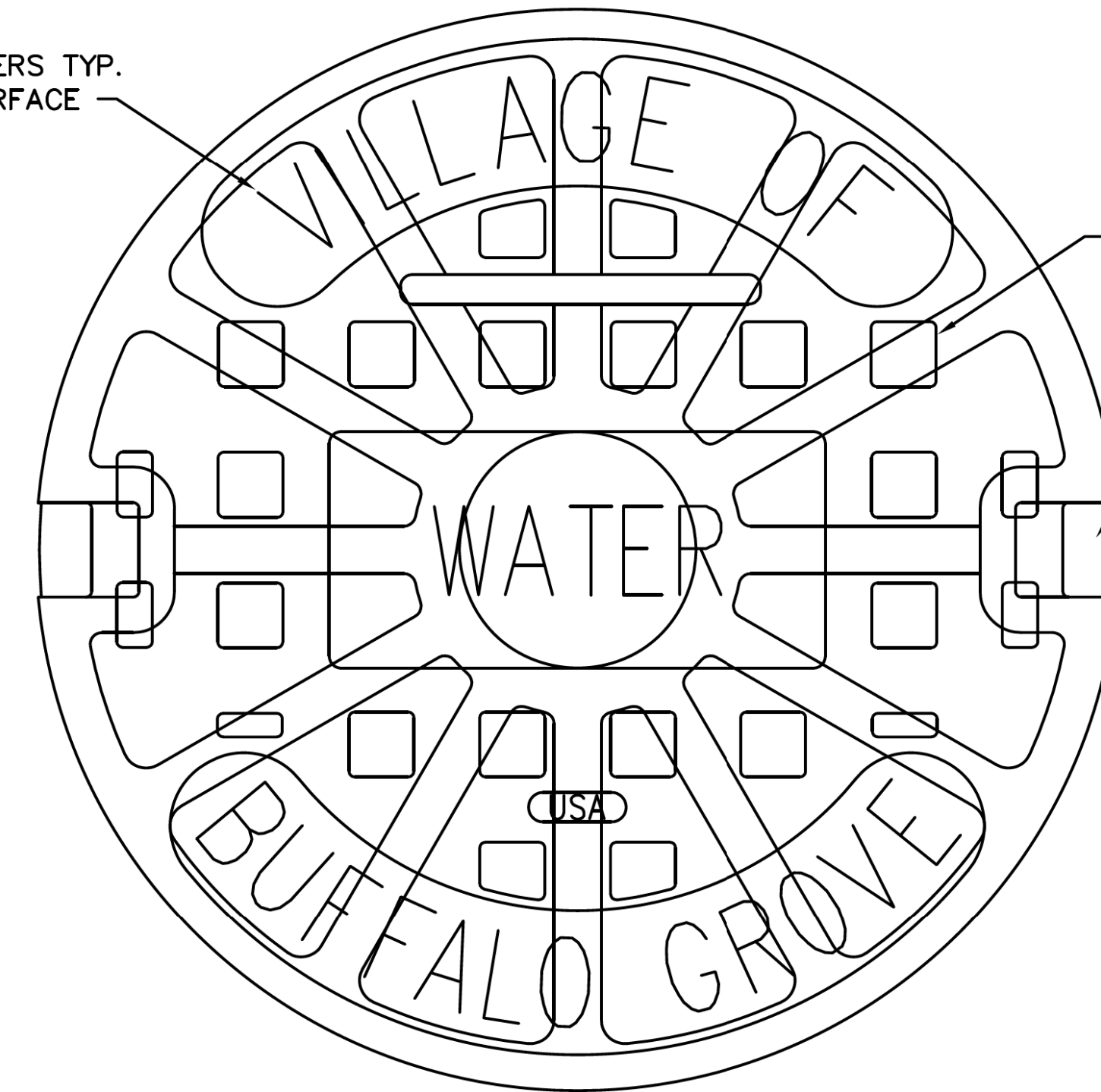
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	NOTE BOOK	
	NO.	
	STRUCTURE NOTATION CHYKD	

SANITARY SEWER MANHOLE LID DETAIL

Prepared by the Village Engineering Division

EXHIBIT NO. 401

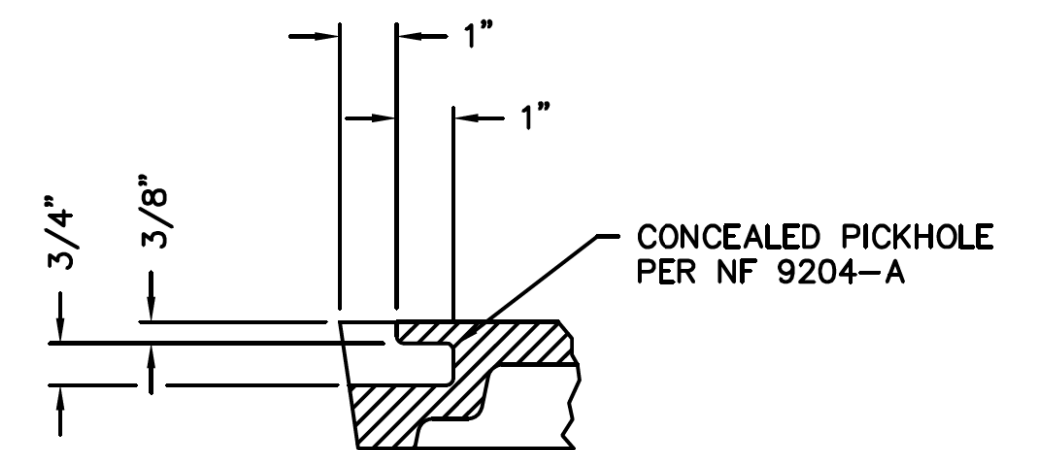
1" RAISED LETTERS TYP.
FLUSH WITH SURFACE



TYPE 'B' RECESSED POCKETS

(2) CONCEALED TYPE PICK HOLE
PER NF - 9204-A

CONCEALED PICKHOLE DETAIL



VALVE VAULT LID DETAIL

Prepared by the Village Engineering Division

MODEL: SPODELNAME
FILE NAME: ...115-Detail3323 C1_Detail.dgn



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DATE - 12/18/2019	REVISED -

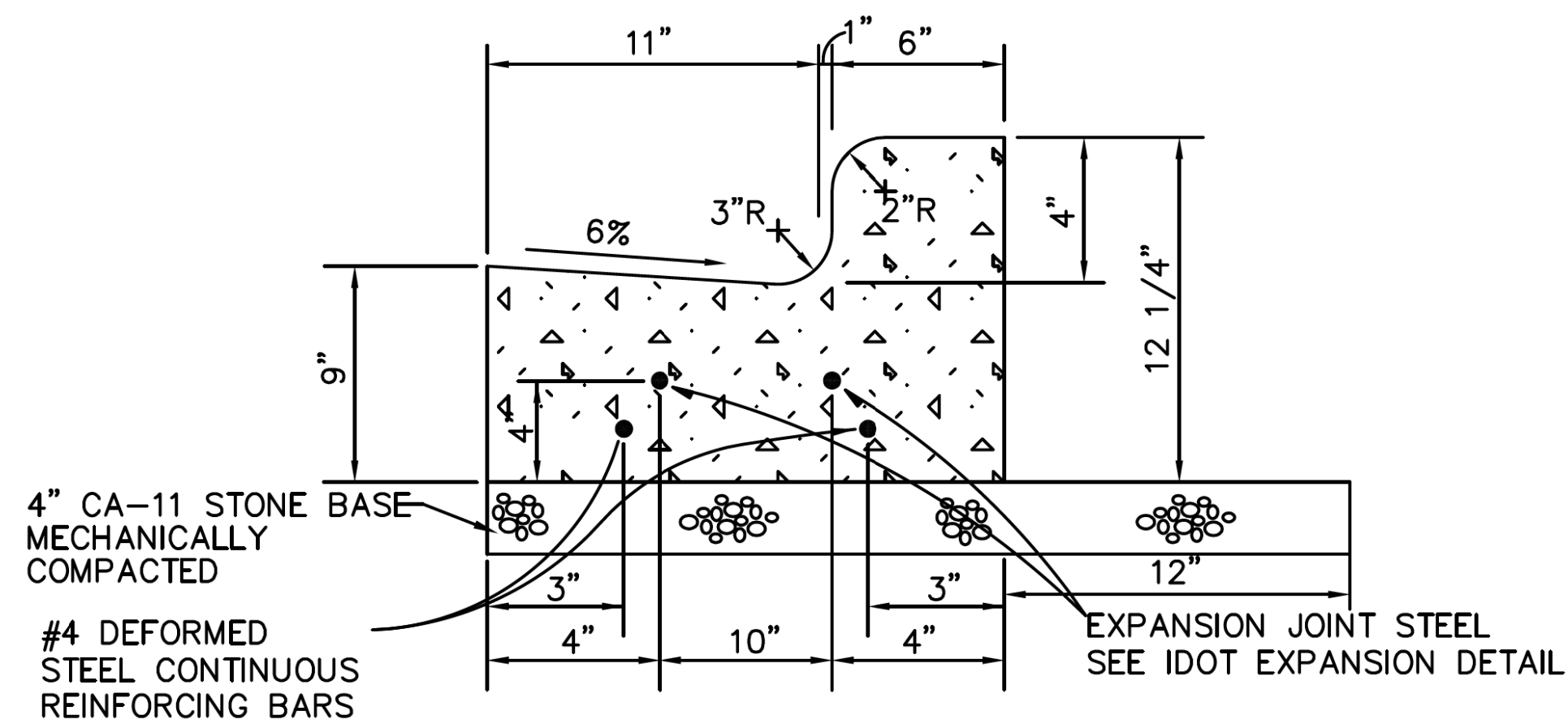
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

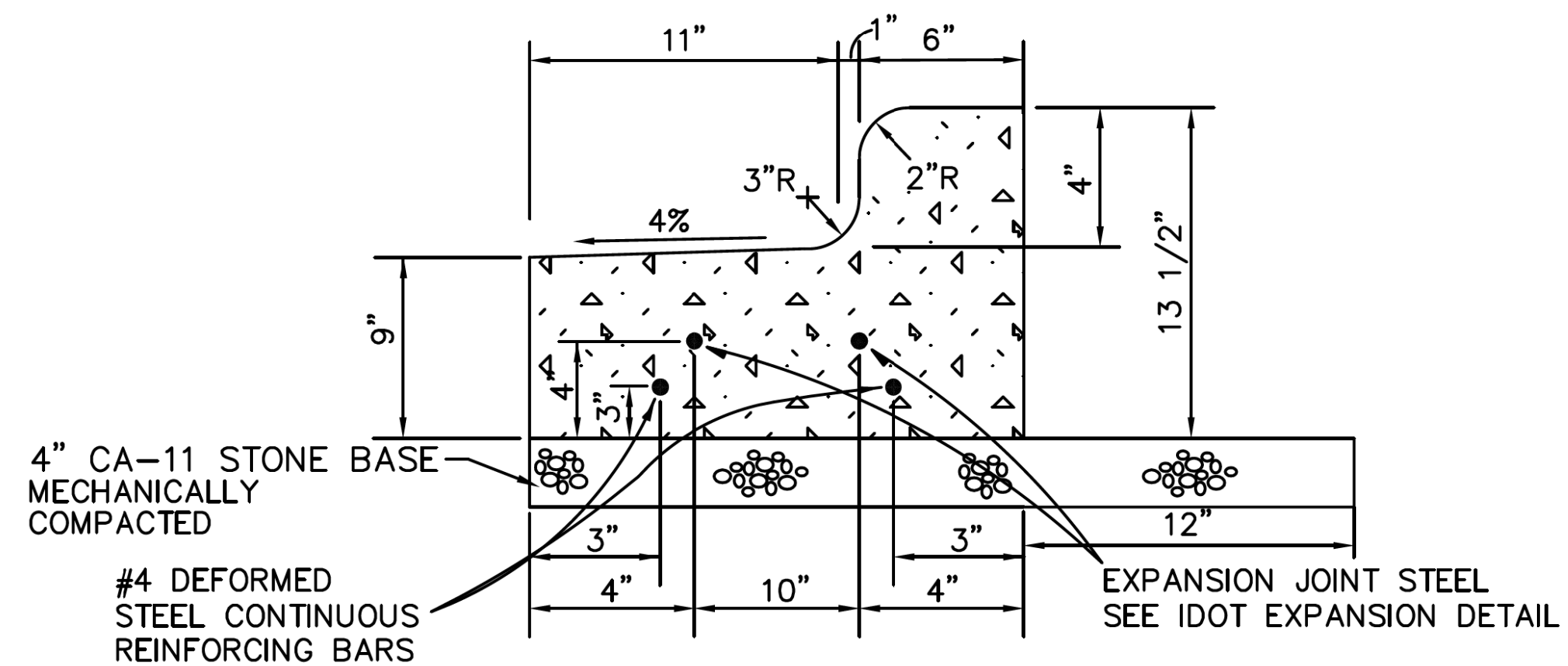
SHEET 2 OF 5 SHEETS STA TO STA

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	82
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

EXHIBIT NO. 501



B4.12



B4.12 REVERSE PITCH

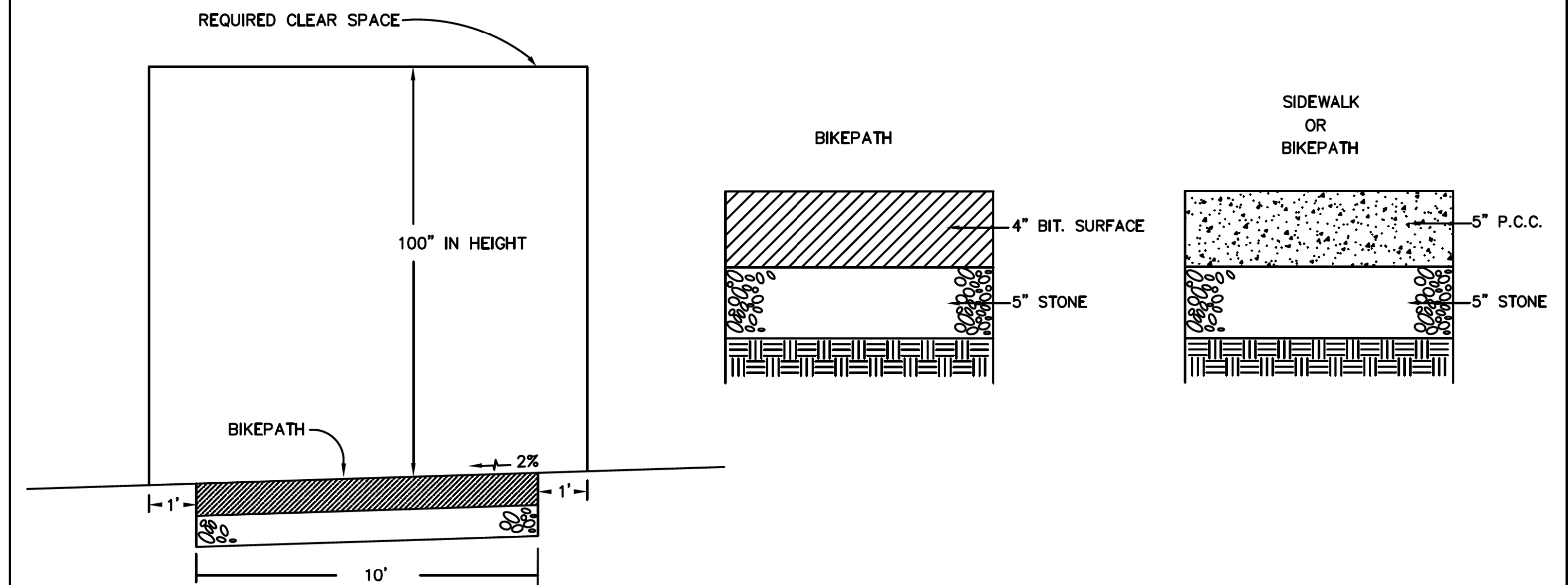
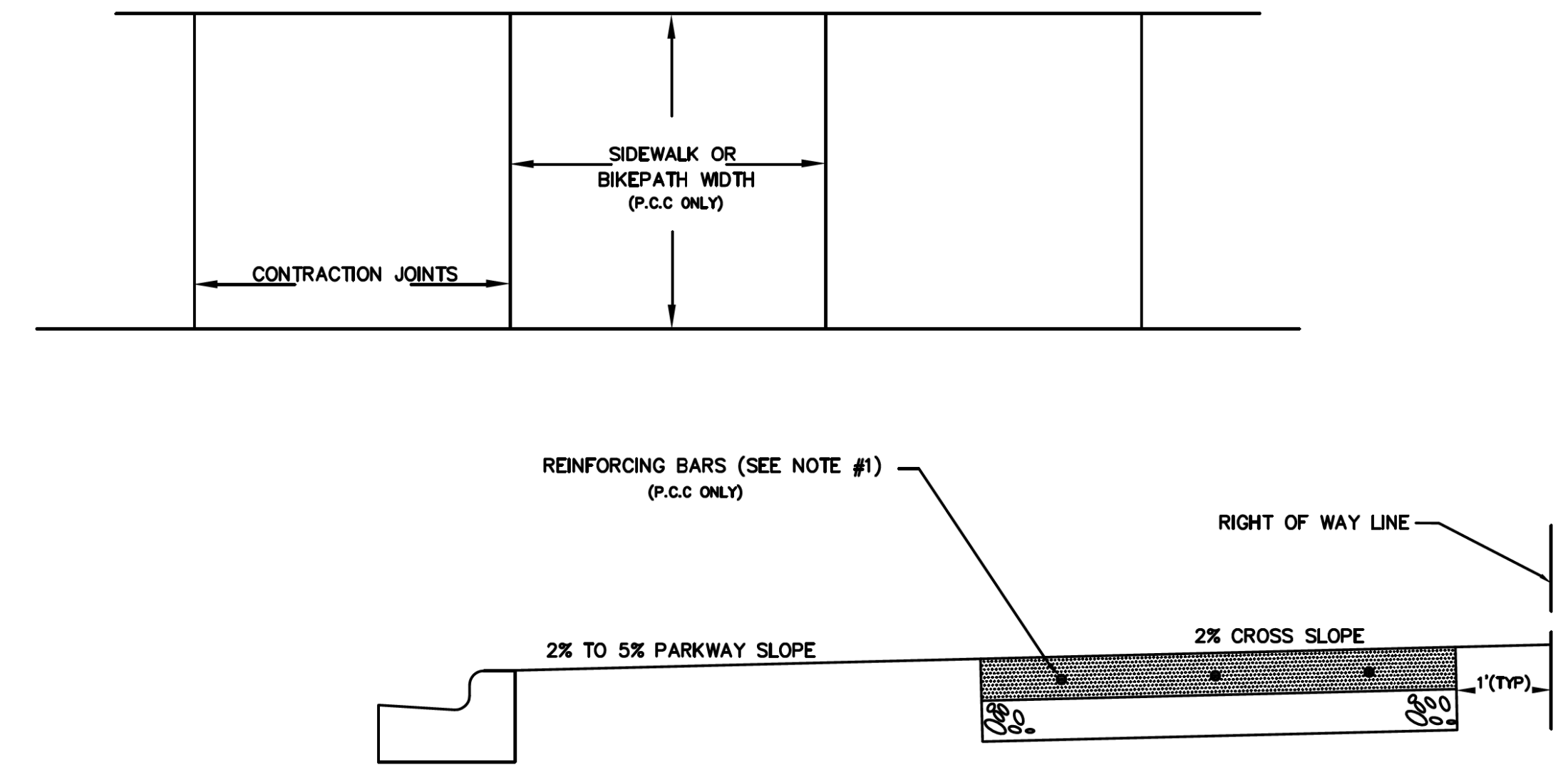
B4.12 CURB AND GUTTER DETAIL

NOTE:

1. SET EXPANSION JOINTS AT ALL PC'S, PT'S, FIVE FEET ON EITHER SIDE OF ANY FRAMES, AND AT 45' MAX. INTERVALS.
2. CONTRACTION JOINTS SHALL BE TOOLED AT 15' INTERVALS AND SAW CUT WITHIN 24 HOURS.
3. JOINTS SHALL BE CLEANED AND SEALED ACCORDING TO ARTICLE 420.12.
4. CURING COMPOUND REQUIRED.
5. IDOT APPROVED CURBS ALSO PERMITTED.

Prepared by the Village Engineering Division

EXHIBIT NO. 502



BIKEPATH & SIDEWALK DETAIL

NOTE:

1. AT ALL TRENCH CROSSINGS, 3 - 10' X 3/4" REINFORCING BARS SHALL BE PLACED EQUALLY SPACED AND CENTERED OVER THE TRENCH.
2. CONCRETE THICKNESS SHALL BE 6" AT ALL DRIVEWAYS AND TRENCH CROSSINGS.
3. SET 3/4" EXPANSION JOINTS AT 50' MAX. SPACING INTERVALS.
4. SIDEWALK WIDTH AS SHOWN ON PLANS.
5. CURB RAMPS SHALL COMPLY WITH LATEST ACCESSIBILITY STANDARDS.

Prepared by the Village Engineering Division

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	NOTE BOOK	
	NO.	

PROFILE	SURVEYED	DATE
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	GRADES CHECKED	
	NOTE BOOK	
	NO.	

MODEL: SPODELNAME
FILE NAME: ...115-Detail3323 C1_Detail.dgn



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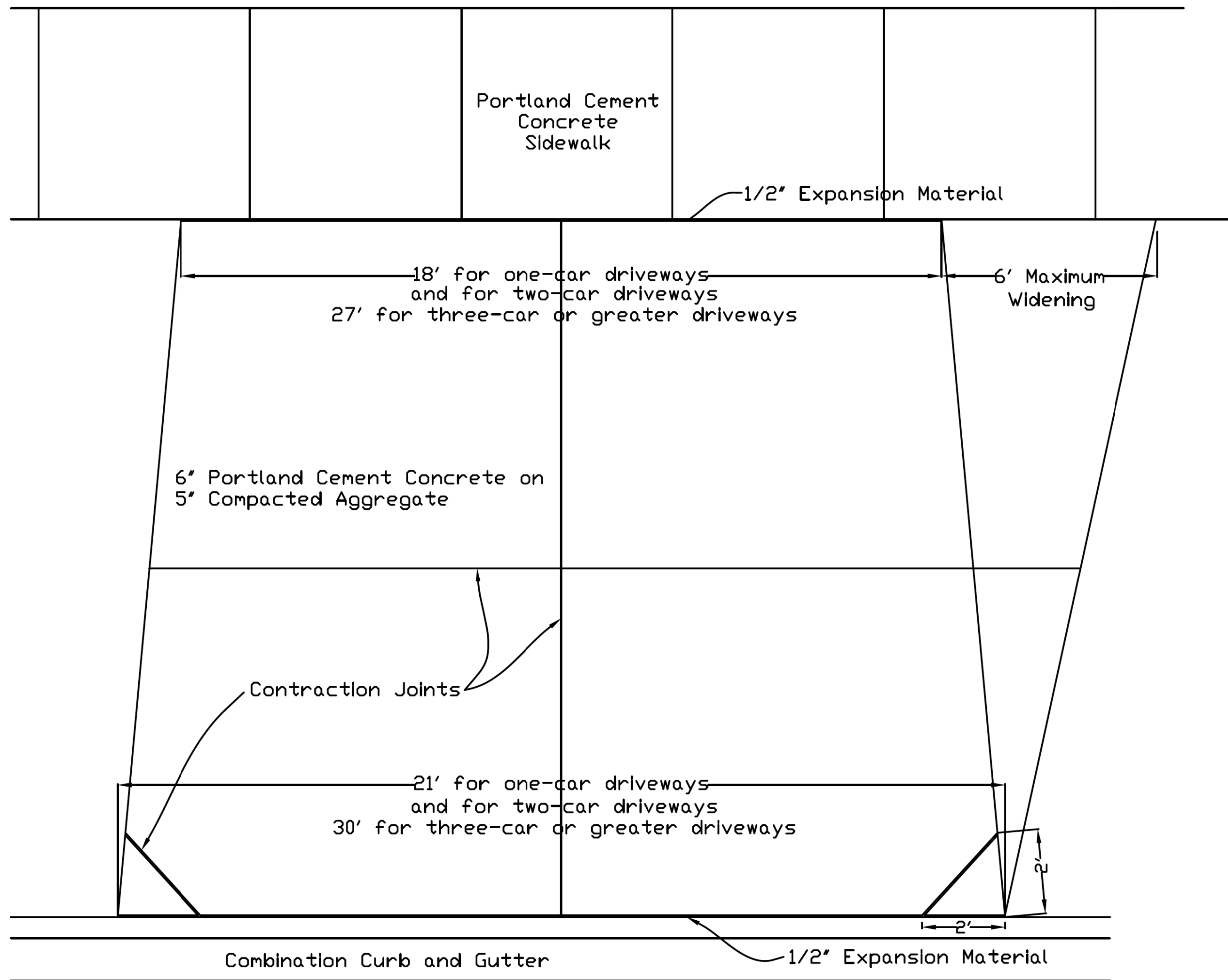
STATE OF ILLINOIS
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CONSTRUCTION DETAILS

SHEET 3 OF 5 SHEETS STA TO STA

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	83
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

EXHIBIT NO. 503



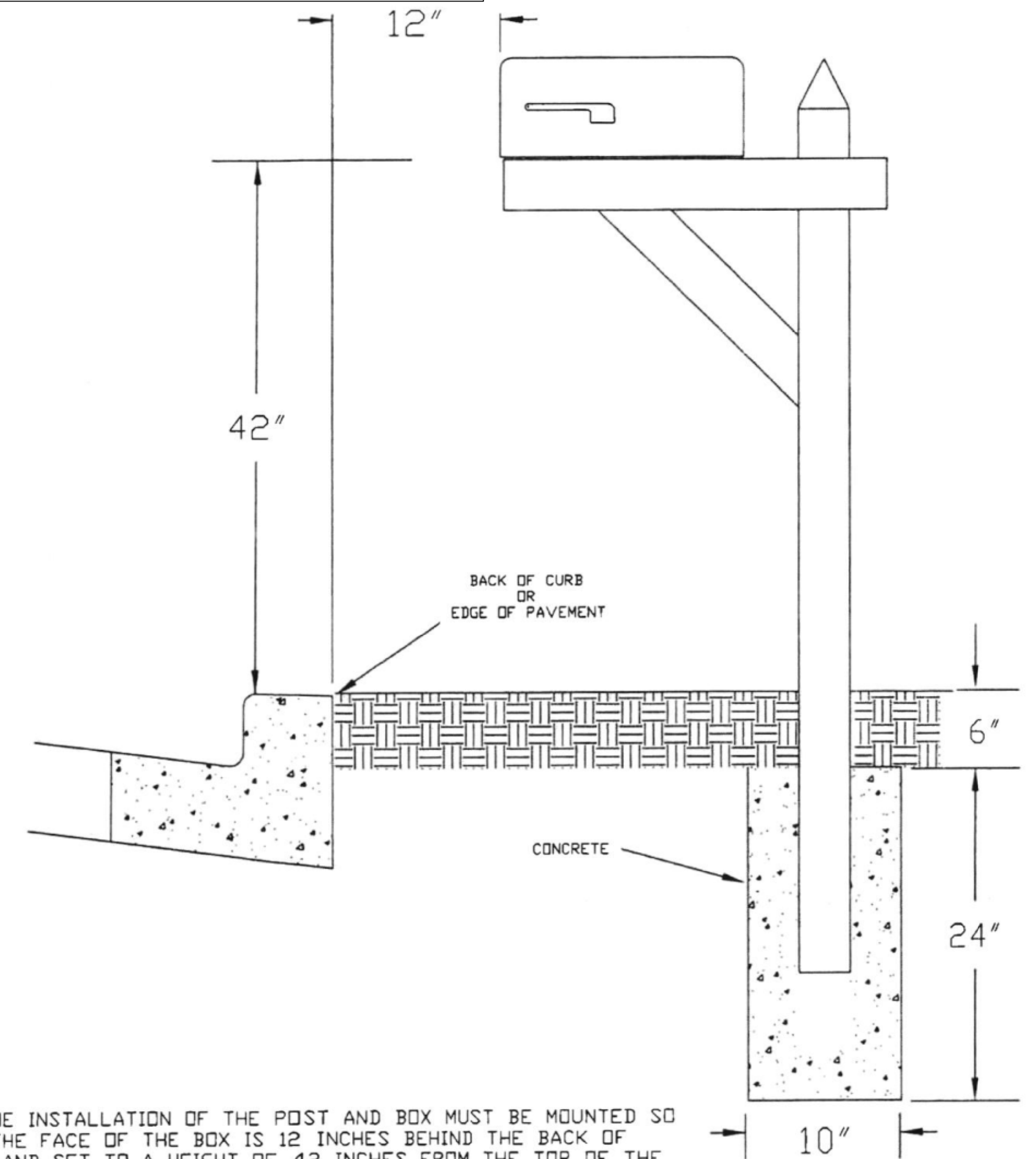
DRIVEWAY APRON DETAIL

NOTE:

1. Contraction joint depth shall be 1-1/4" minimum.
2. Contraction joint shall divide the apron into slabs approximately square with no side longer than 15'.
3. Minimum apron width is 10' at the sidewalk.

Prepared by the Village Engineering Division

FOR REFERENCE ONLY



THE INSTALLATION OF THE POST AND BOX MUST BE MOUNTED SO THE THE FACE OF THE BOX IS 12 INCHES BEHIND THE BACK OF CURB AND SET TO A HEIGHT OF 42 INCHES FROM THE TOP OF THE CURB TO THE BOTTOM OF THE BOX. THE POST SHOULD BE SET IN A HOLE 10 INCHES IN DIAMETER AND 30 INCHES DEEP.

CONCRETE SHOULD BE PLACED AROUND THE POST AND UP TO 6 INCHES FROM THE FINISHED SURFACE.

THE MATERIAL USED FOR THE POST SHALL BE A 4" X 4" PRESSURE TREATED POST OR 1 1/2" I.D. MINIMUM TO A 2" I.D. MAXIMUM STEEL OR ALUMINUM POST, MAXIMUM WALL THICKNESS 0.154".

MAIL BOX INSTALLATION

ENGINEER FORKS MAIL BOX INSTALLATION.DWG

DATE	
BY	
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
CONSTRUCTION CHECKED	
CADD FILE NAME	
PLAN	
NOTE BOOK NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATION CHECKED	
PROFILE	
NOTE BOOK NO.	

MODEL: SPODELNAME
FILE NAME: ...115-Detail5323 C1_Detail.dgn



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DATE - 12/18/2019	REVISED -

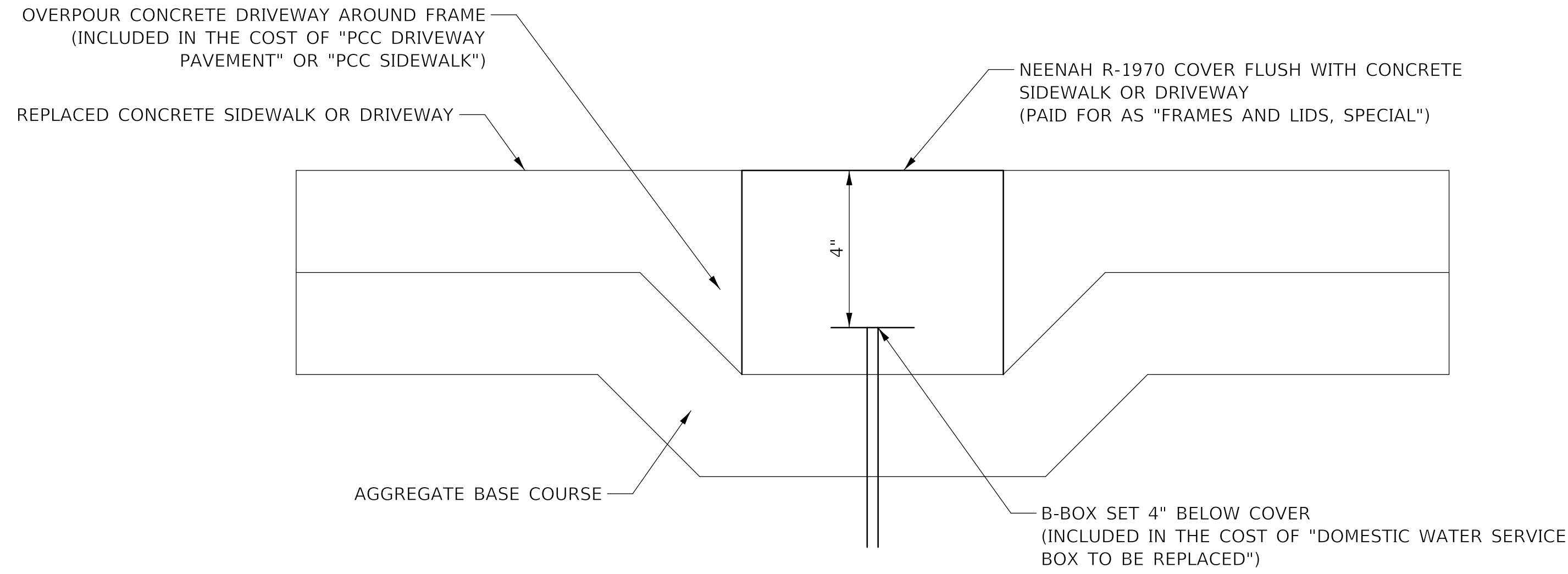
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

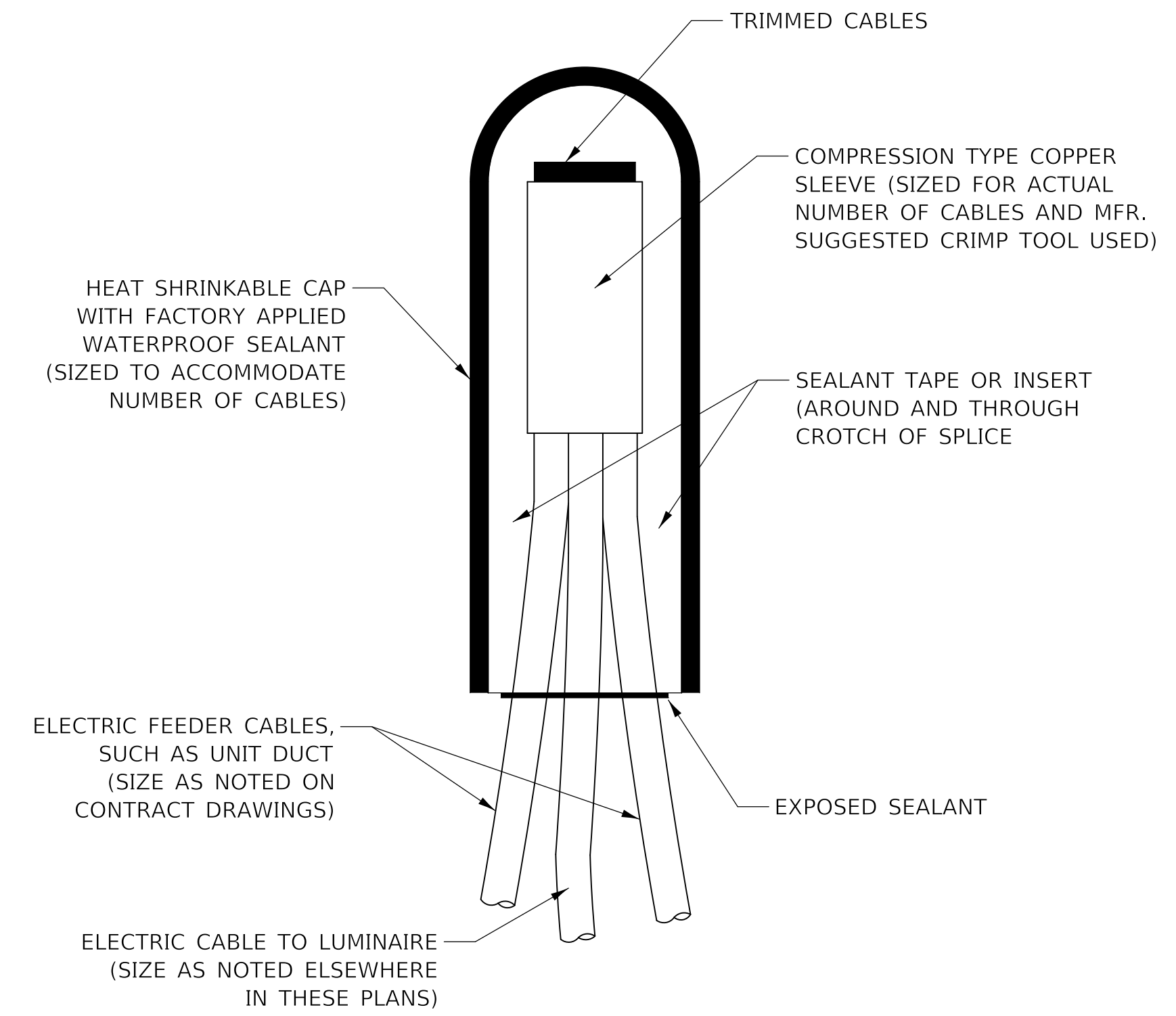
SHEET 4 OF 5 SHEETS STA TO STA

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	84
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	NOTE BOOK	
	NO.	
	FILE NAME	



DOMESTIC WATER SERVICE BOX TO BE REPLACED IN PAVEMENT



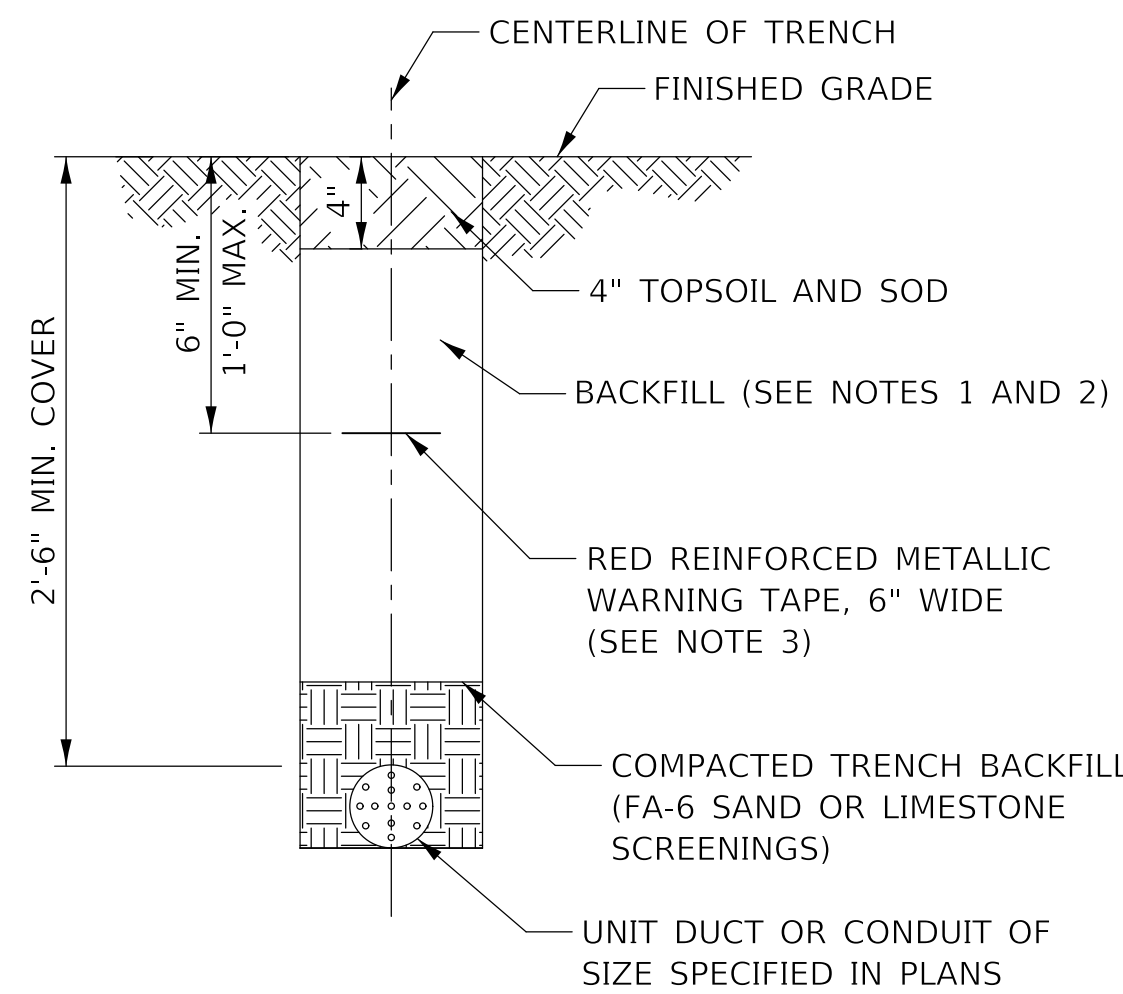
NOTE: NUMBER OF CABLES IN SPLICE MAY VARY

**SPLICING ELECTRIC CABLES
BASIC MATERIALS AND METHODS**

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	NOTE BOOK	
	NO.	
	FILE NAME	

NOTES:

1. IN GRASS COVERED AREAS, THE BACKFILL MAY BE COMPACTED EARTH.
2. TRENCHES WITHIN 2' OF PROPOSED OR EXISTING STREETS, DRIVEWAYS, OR SIDEWALKS WILL BE BACKFILLED WITH COMPACTED FA-6 SAND OR LIMESTONE SCREENINGS.
3. WARNING TAPE WILL BE RED WITH BLACK LETTERING TO READ "CAUTION - ELECTRIC LINE BURIED BELOW".
4. ALL GRASS COVERED AREAS DISTURBED DURING CONSTRUCTION WILL BE RESTORED WITH 4" OF TOPSOIL AND SOD.



TYPICAL TRENCH CROSS SECTION

MODEL: SPODELNAME
FILE NAME: ...115-Detail3323 C1_Detail.dgn



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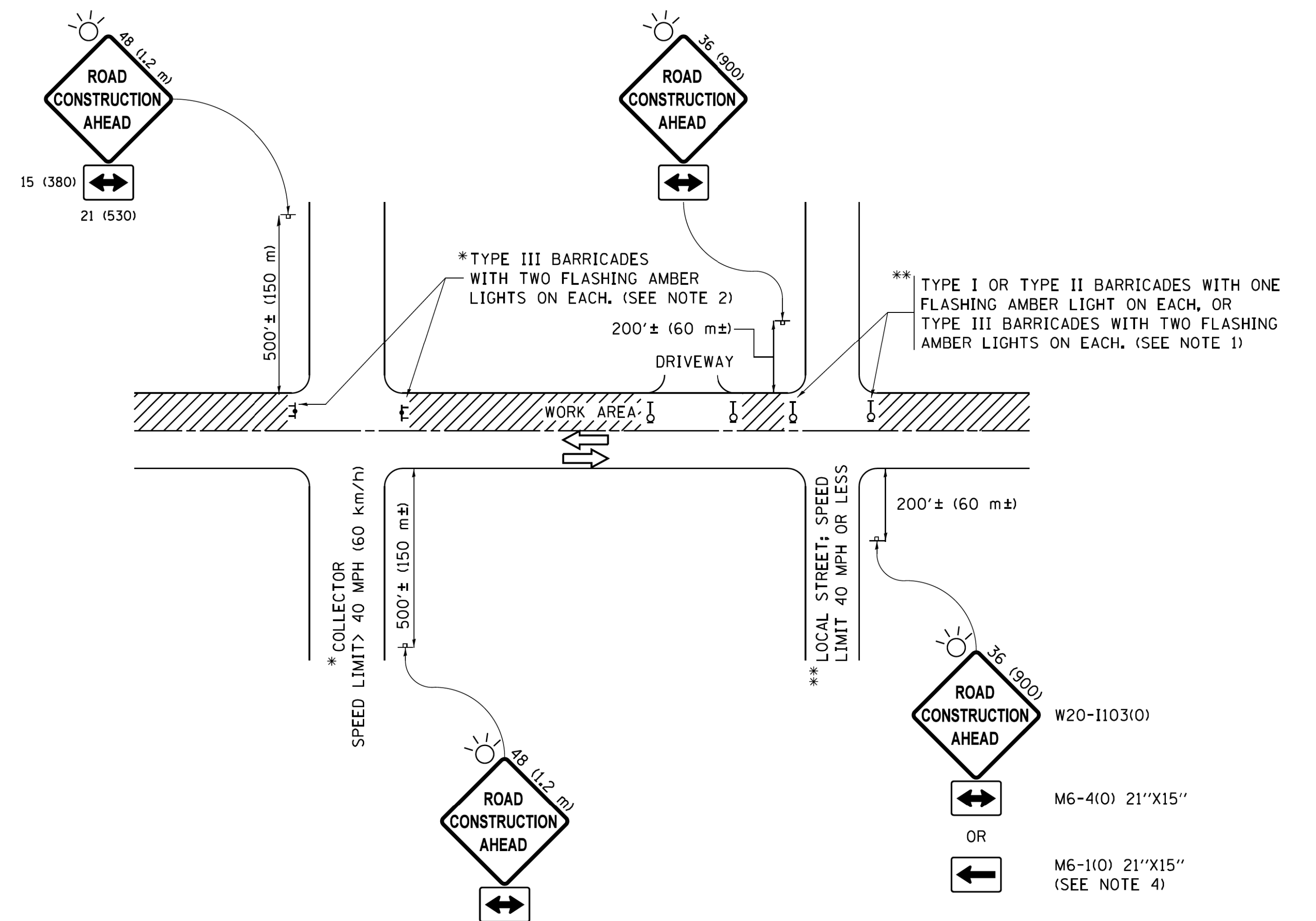
DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE - 12/18/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CONSTRUCTION DETAILS

SHEET 5 OF 5 SHEETS STA TO STA

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	85
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				



NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

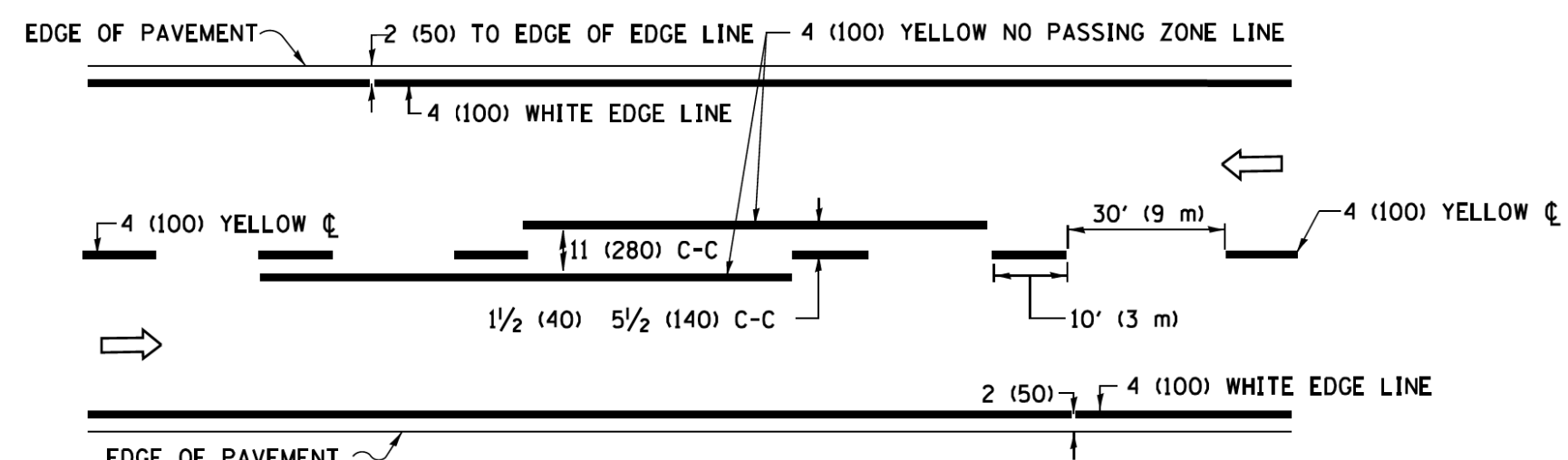
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Default	PLOT SCALE = 50.000' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

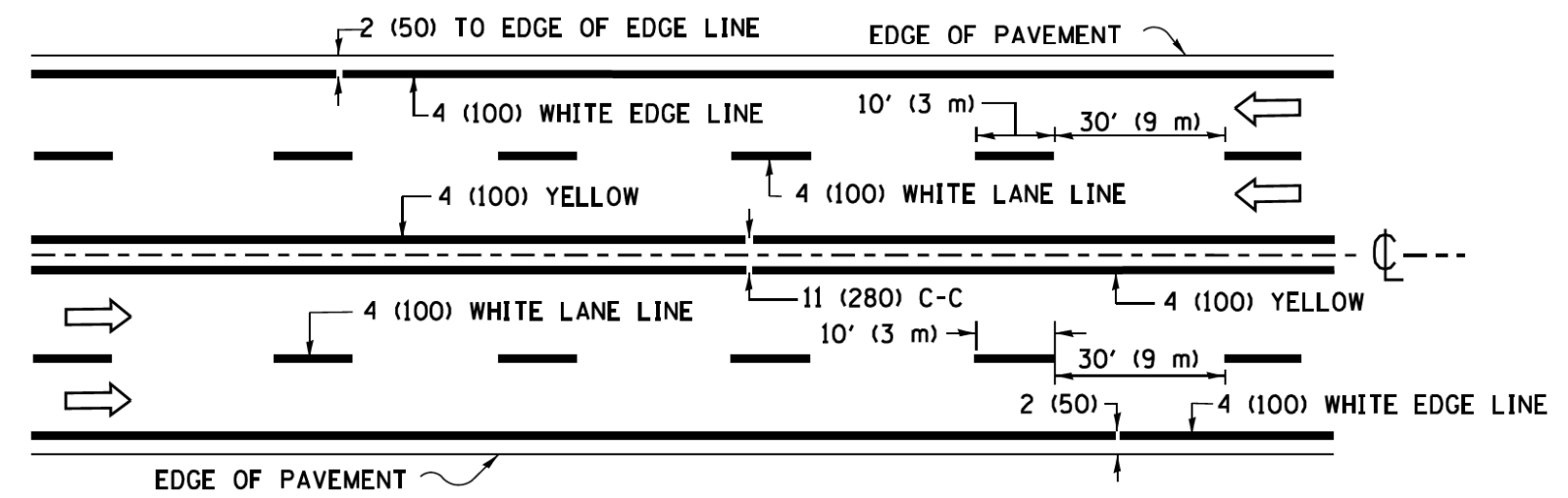
**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

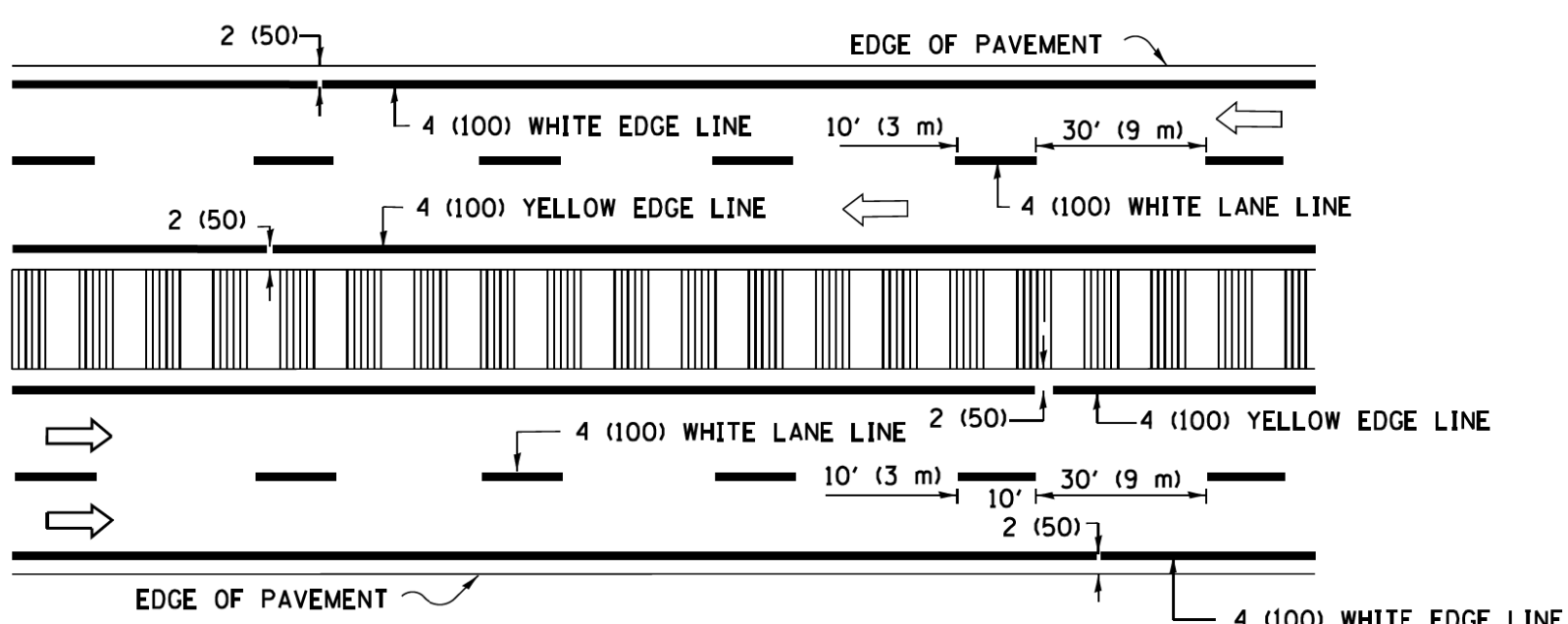
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3260 2060	16-00106-00-RS	LAKE	121	86
TC-10			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

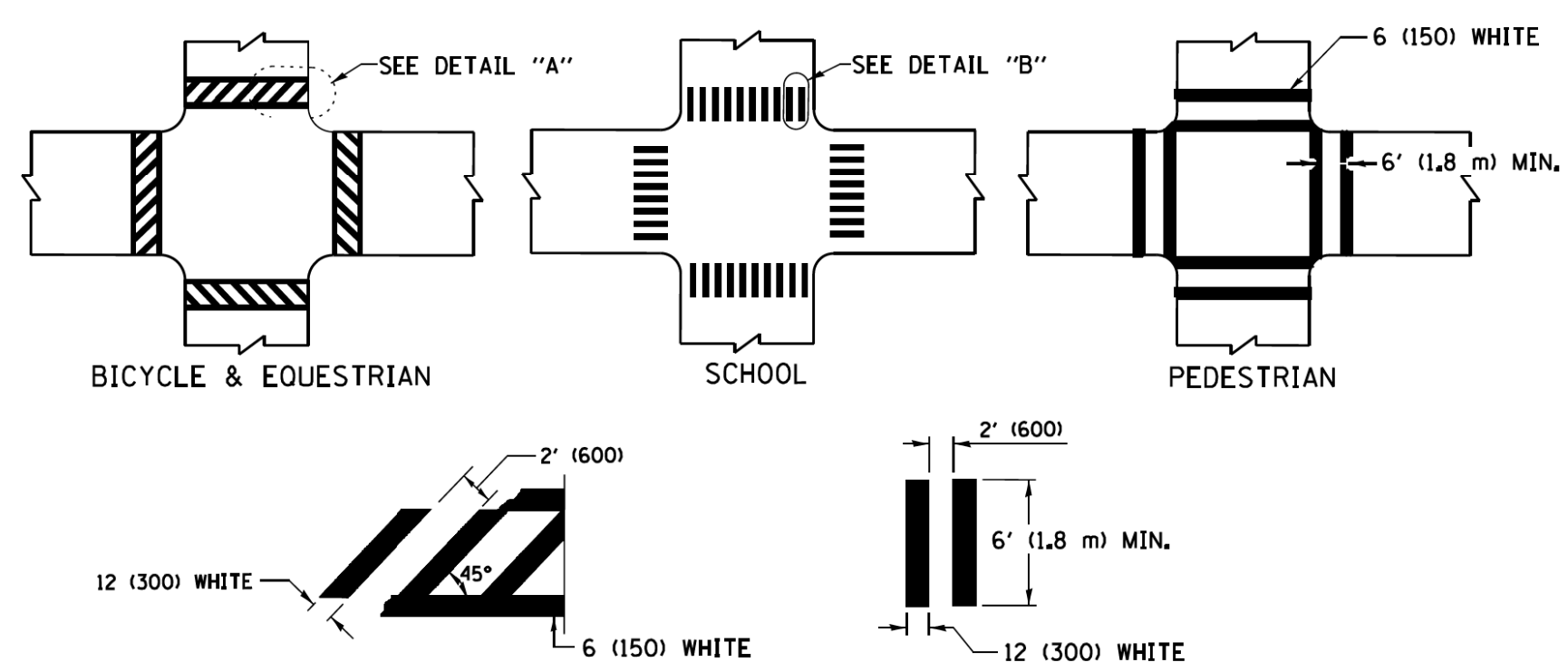


MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

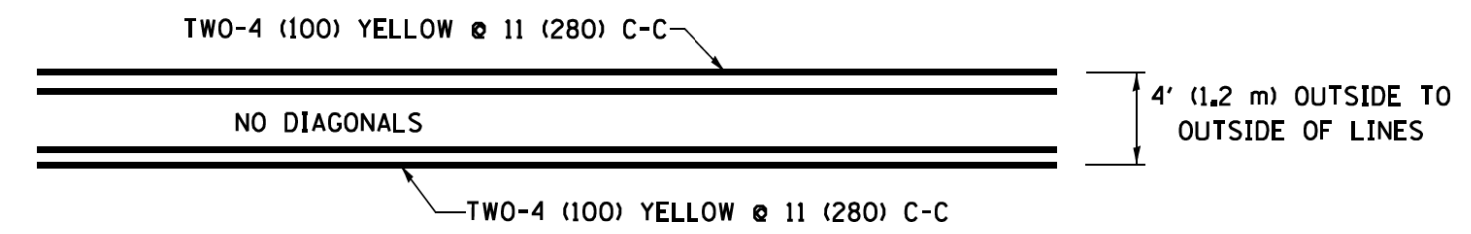


DETAIL "A"

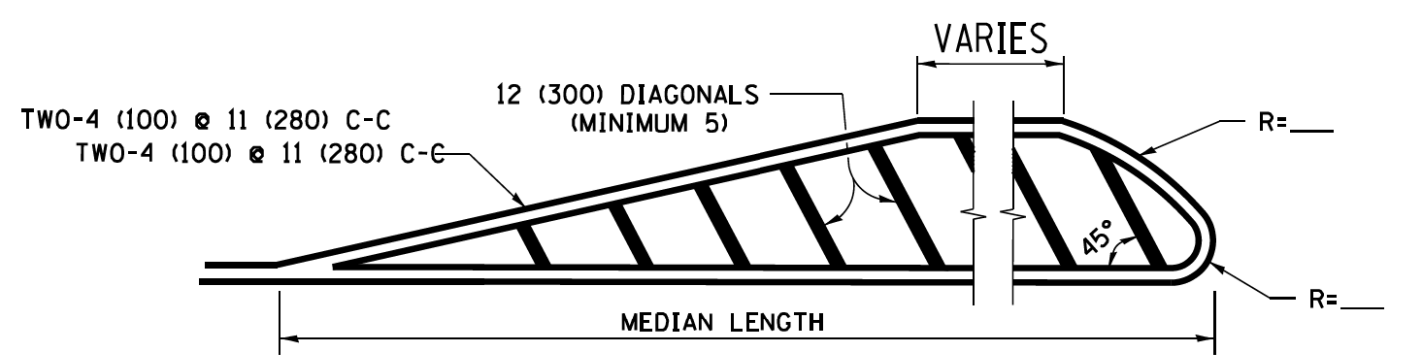
DETAIL "B"

TYPICAL CROSSWALK MARKING

* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

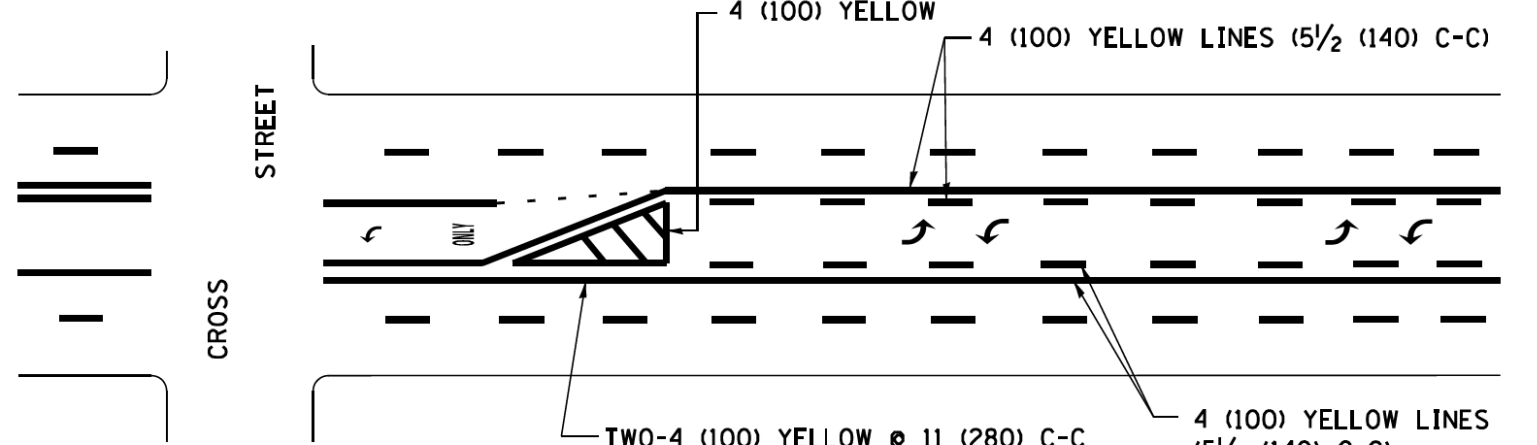


4' (1.2 m) WIDE MEDIANS ONLY

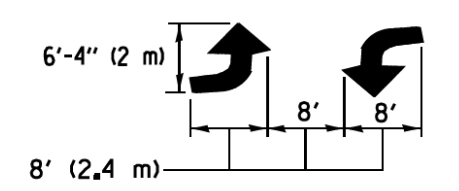


DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
 75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
 150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

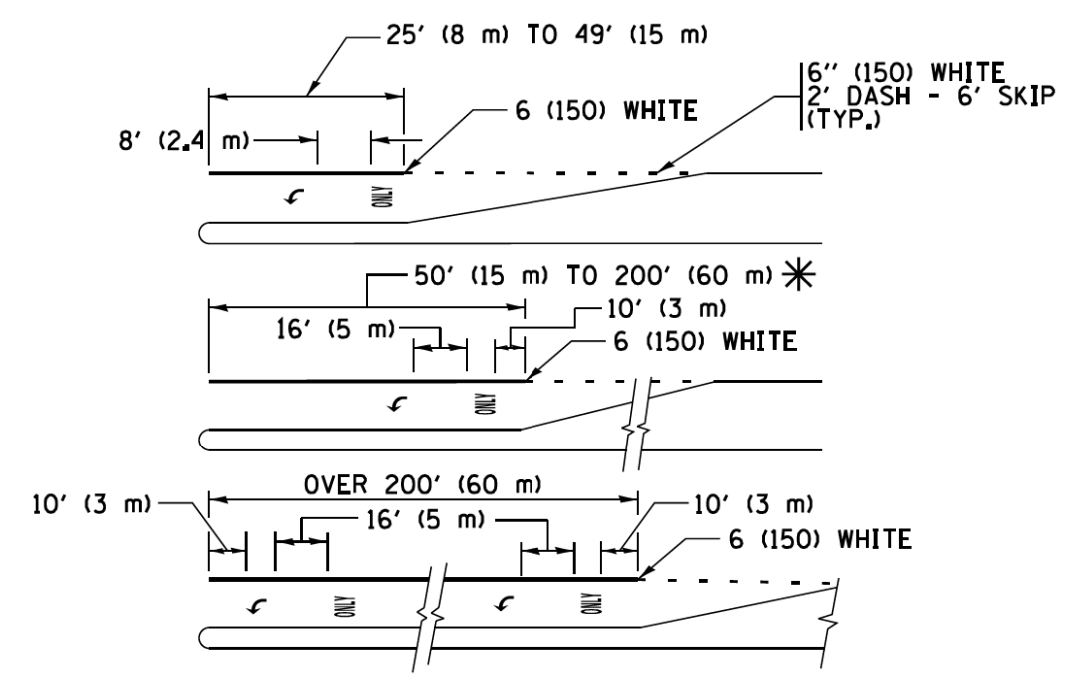


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

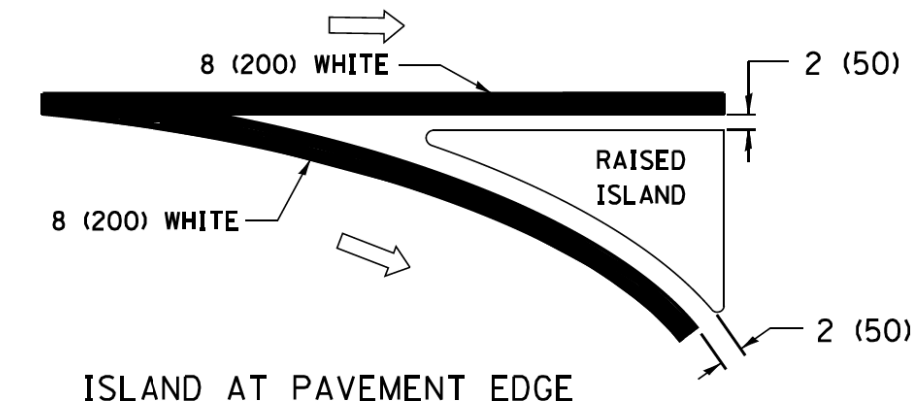
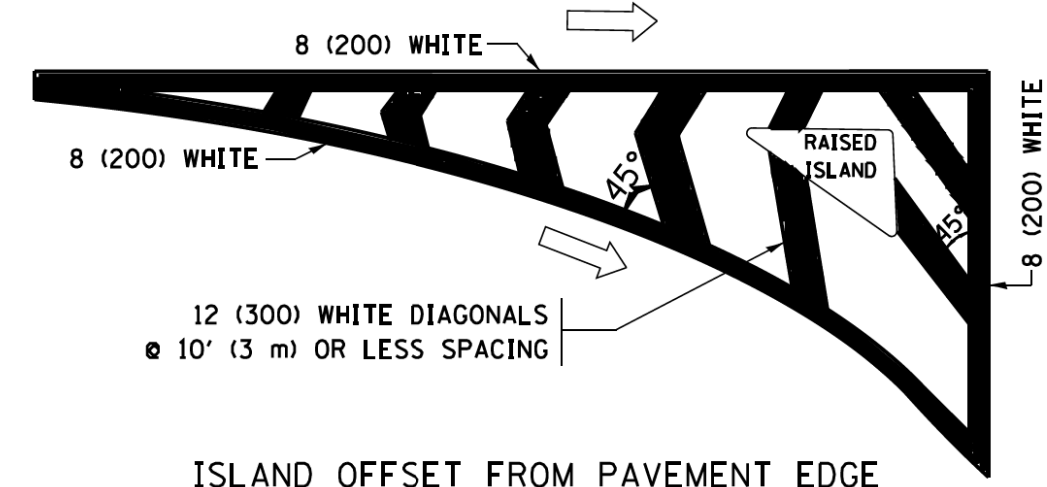


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
 * AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

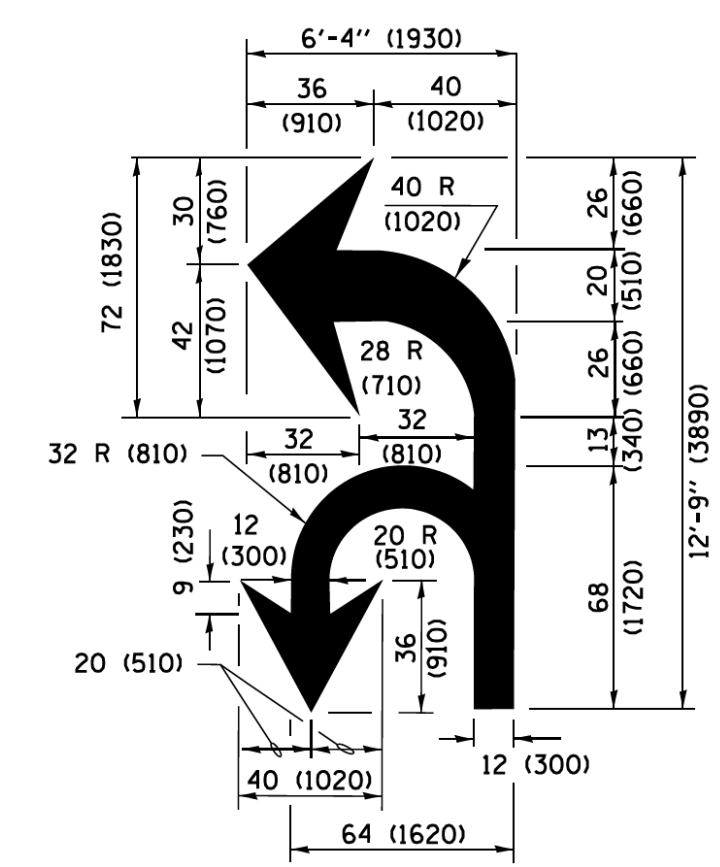
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

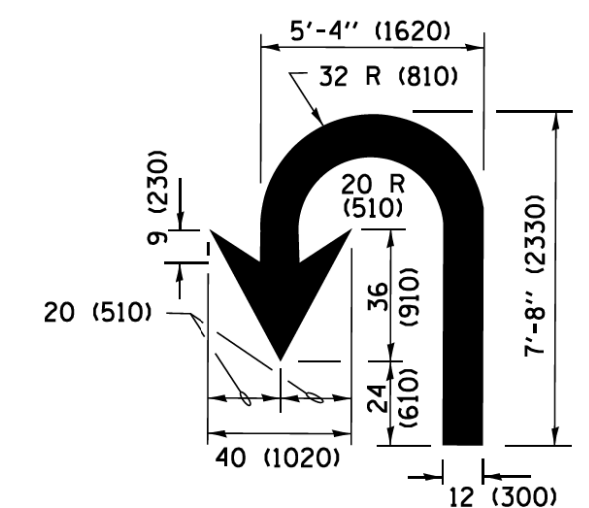
TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING /REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW TWO WAY TRAFFIC WHITE ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF "RR" IS 6' (1.8 m) "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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

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

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	PLOT DATE = 6/23/2017	CHECKED -	REVISED - C. JUCIUS 12-21-15
		DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE TYPICAL PAVEMENT MARKINGS

SCALE: NONE	SHEET 1	OF 1 SHEETS	STA.	TO STA.
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F.A. RTE. 3260 2060	SECTION 16-00106-00-RS	COUNTY LAKE	TOTAL SHEETS 121	SHEET NO. 87
TC-13		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

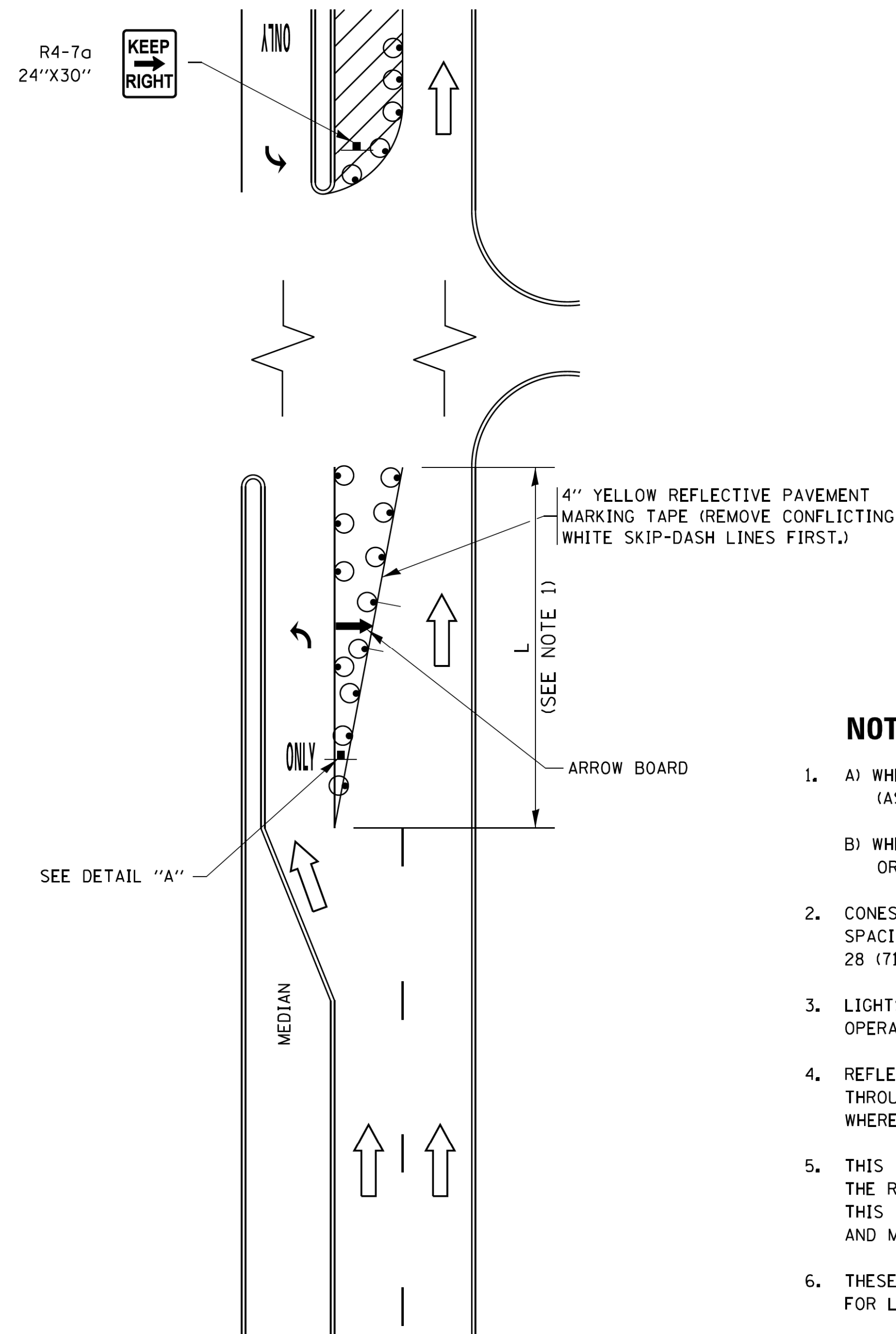


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

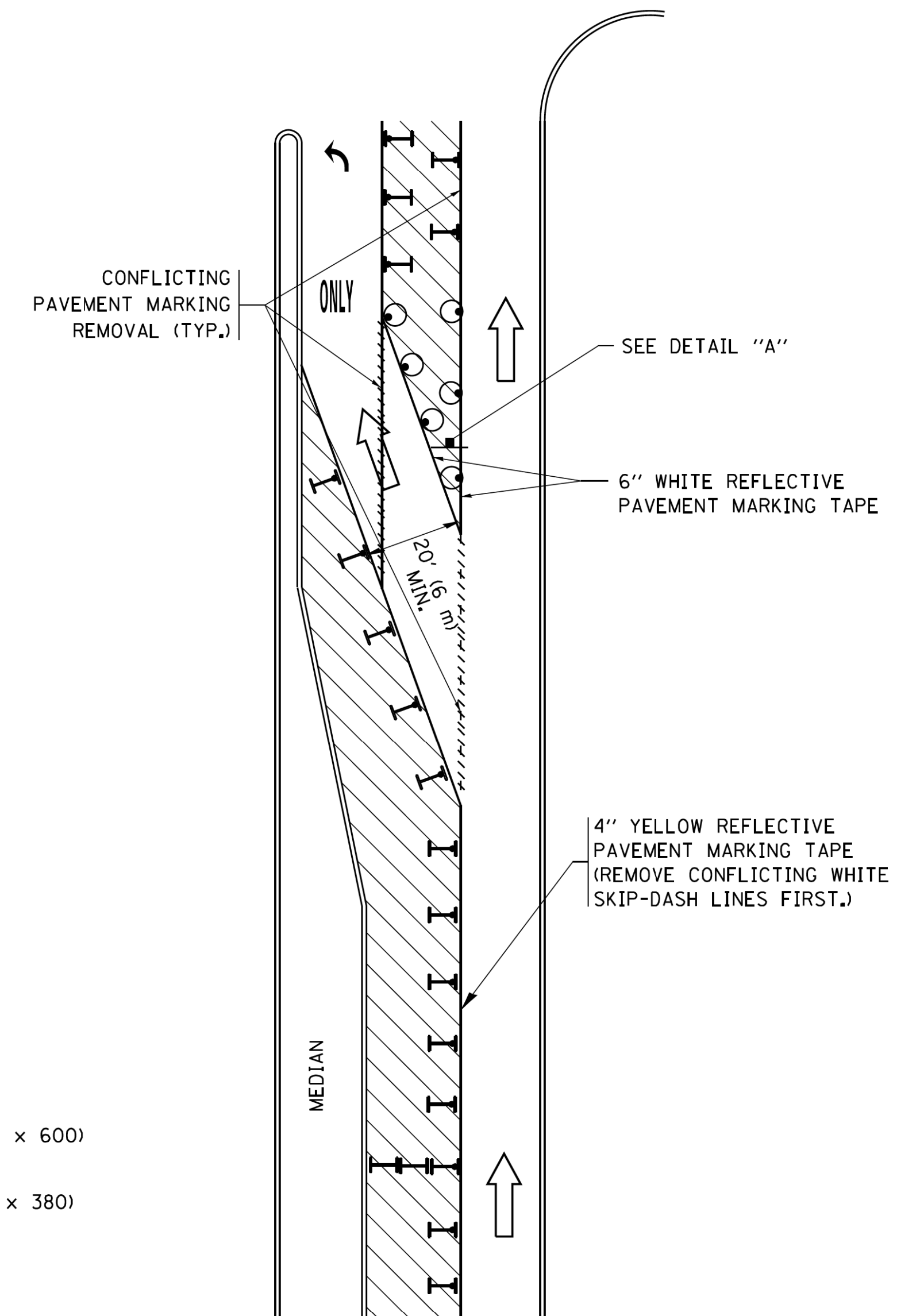
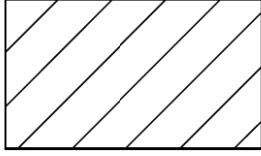
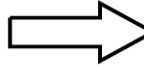







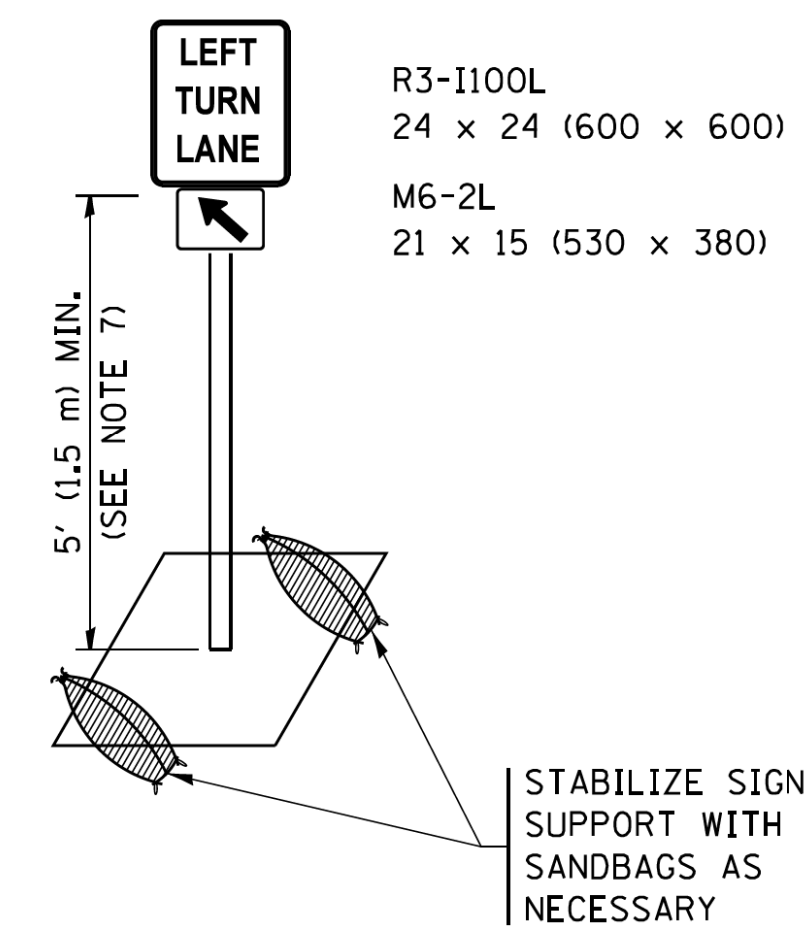
FIGURE 2

LEGEND

-  WORK AREA
-  LANE OPEN TO TRAFFIC
-  ARROW BOARD
-  TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
-  DRUM WITH STEADY BURN LIGHT
-  SIGN ASSEMBLY
-  TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

NOTES:

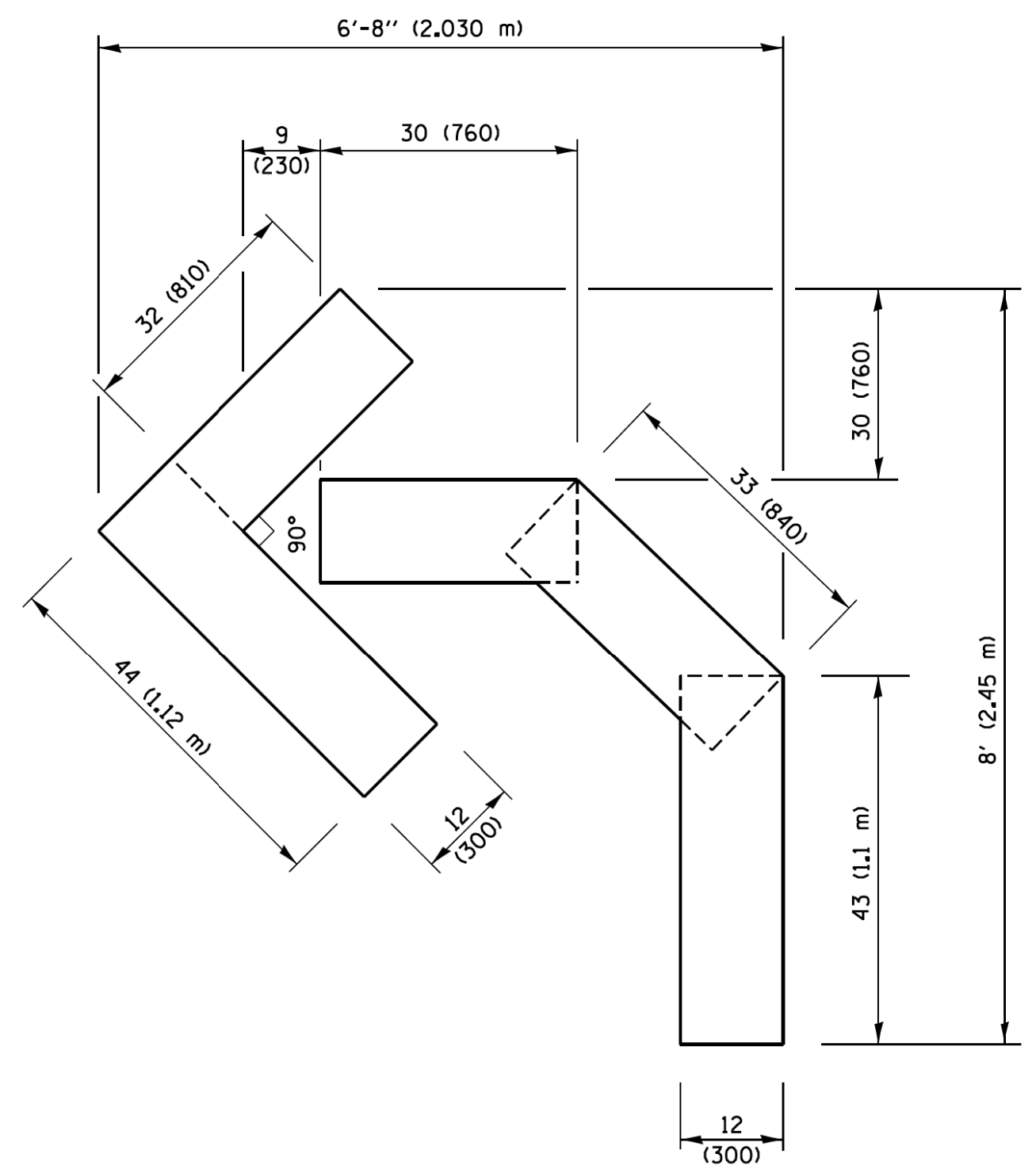
1. A) WHEN "L" IS \leq THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-1100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PREQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.



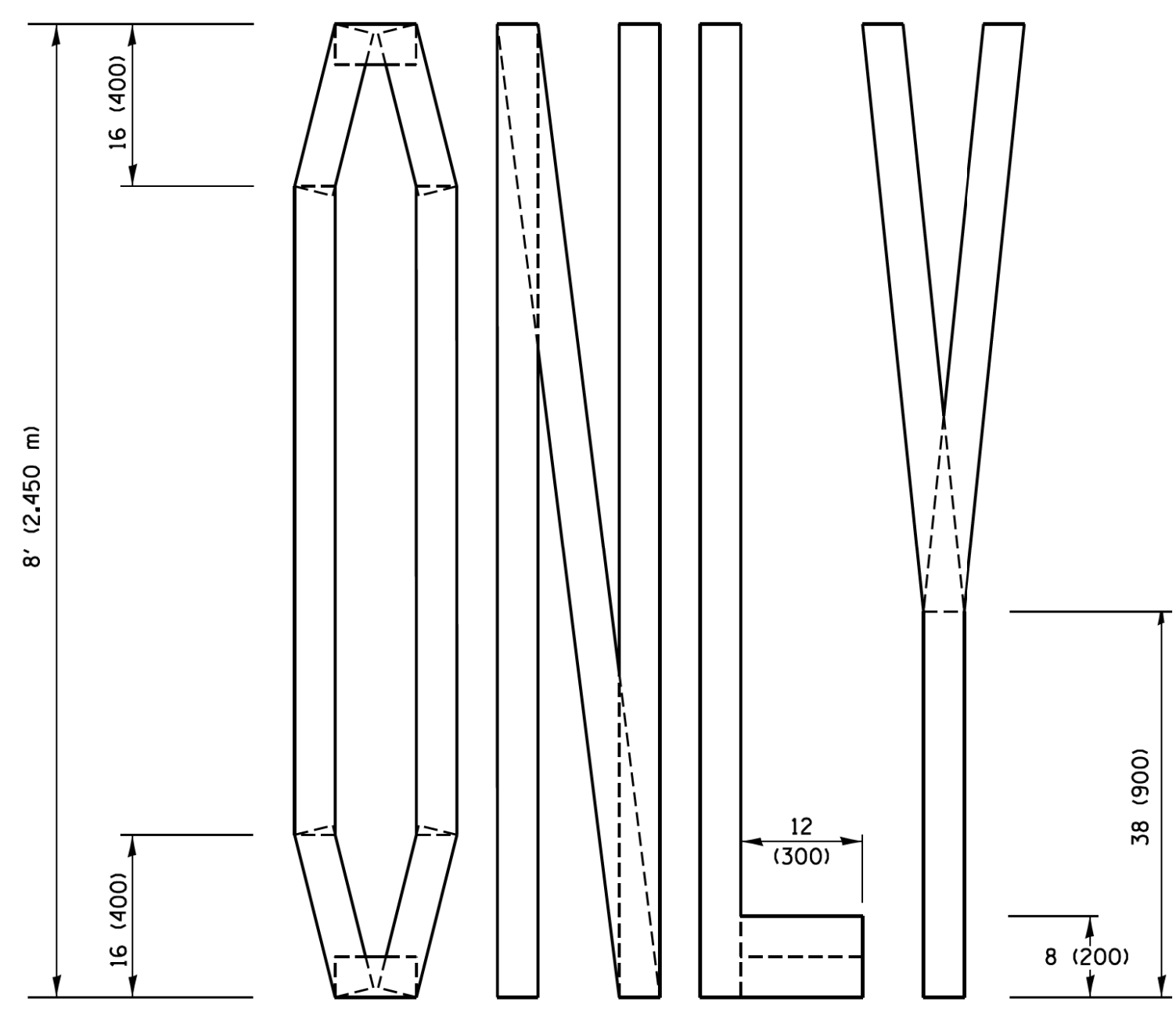
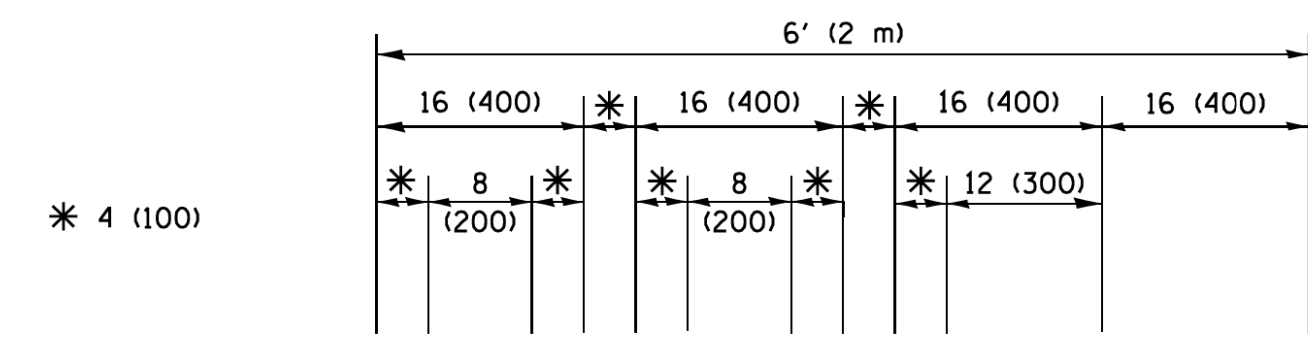
DETAIL A

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

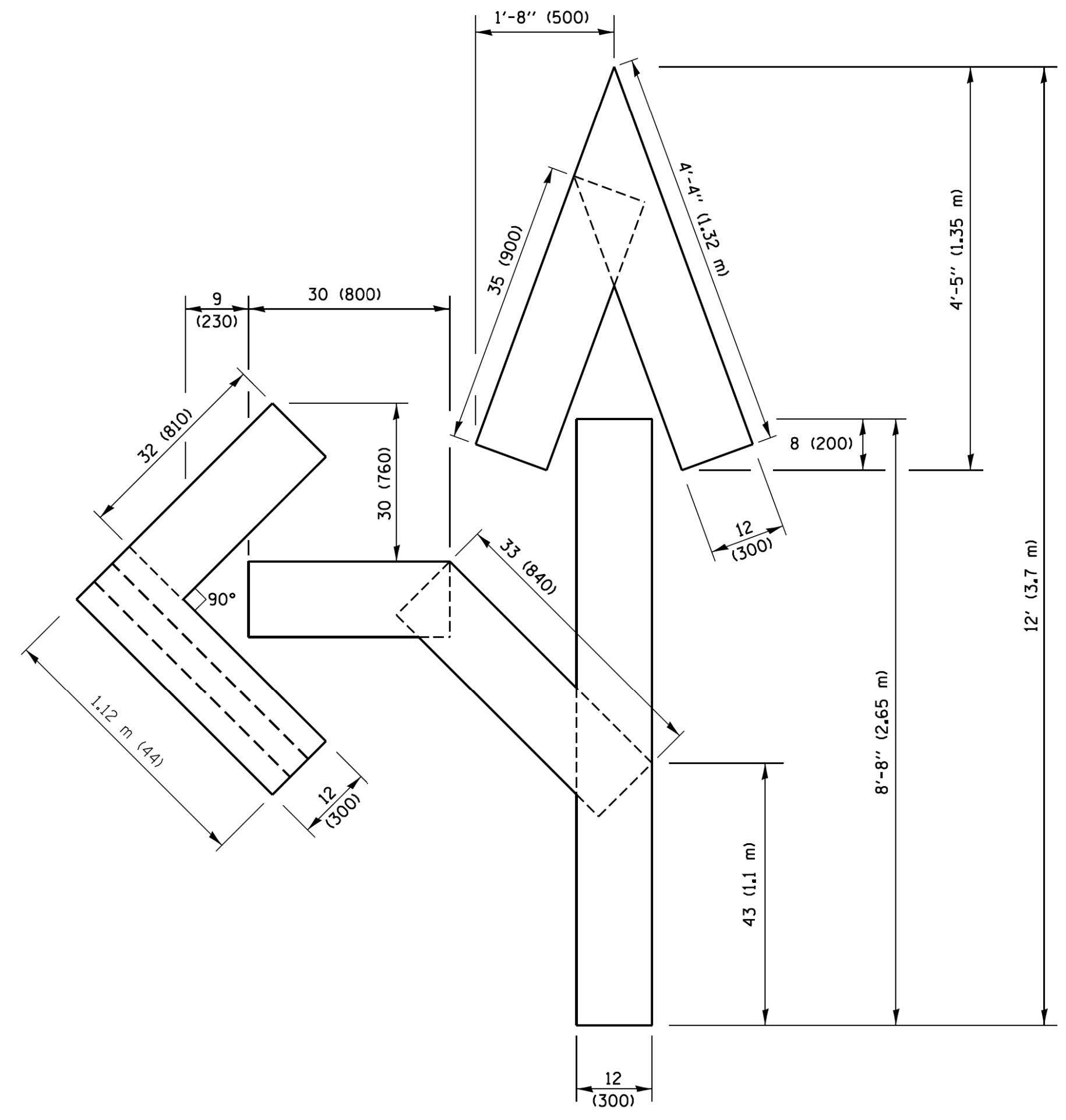
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Default		REVISED - A. HOUSEH 10-07-95	REVISED - A. SCHUETZE 07-01-13					3260	16-00106-00-R5	LAKE	121	88
	PLOT SCALE = 50.0000' / in.	REVISED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16					2060	TC-14		CONTRACT NO.	
	PLOT DATE = 9/15/2016	REVISED - T. RAMMACHER 01-06-00	REVISED -	SCALE: NONE	SHEET 1	OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			



QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.41 sq. m)

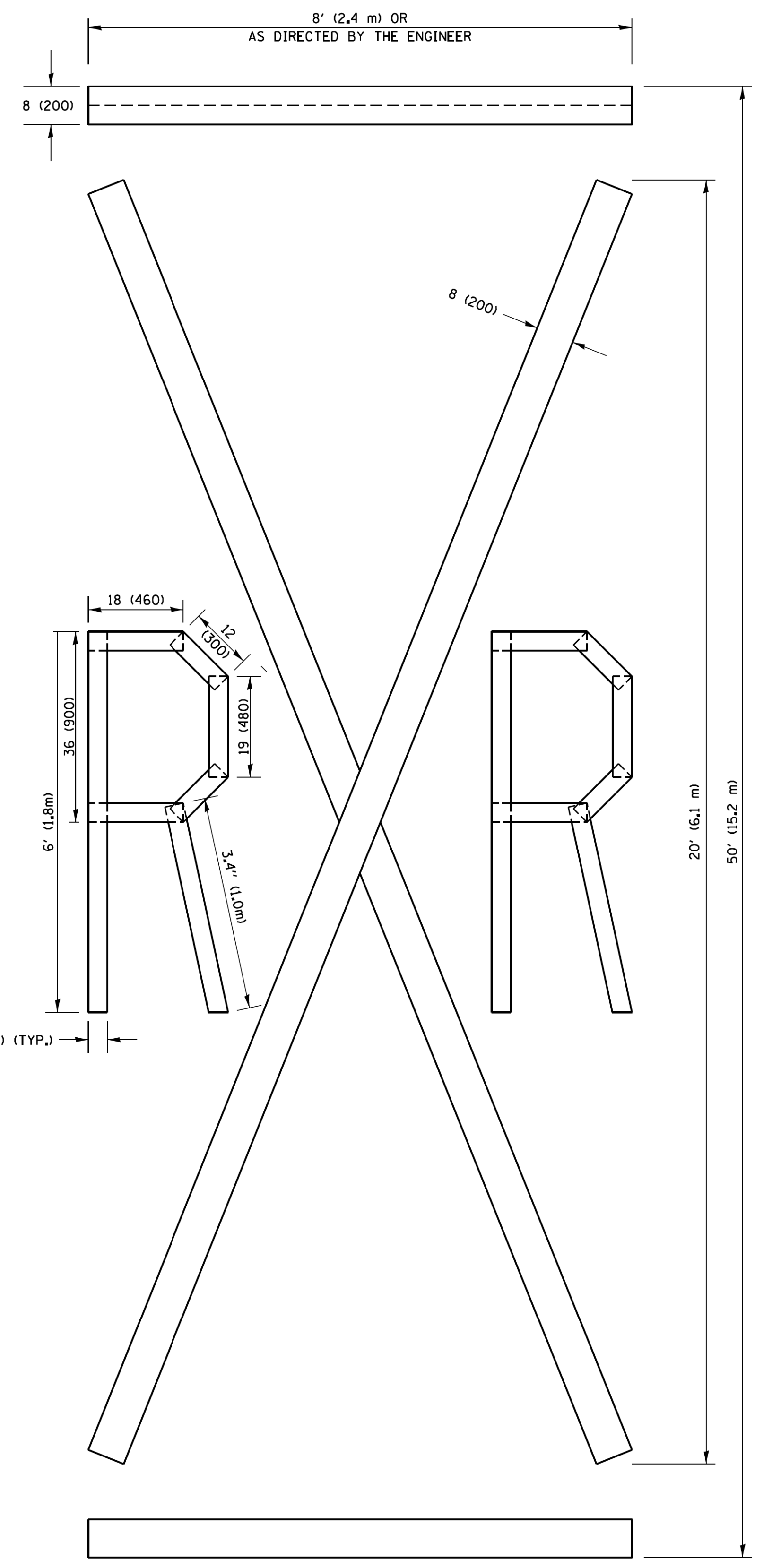


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.1 m)
 27.5 sq. ft. (2.53 sq. m)

NOTE:
 ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY
 4 (100) LINE = 225.9 ft. (68.9 m)
 75.3 sq. ft. (6.99 sq. m)

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




FILE NAME =	USER NAME = footenj	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
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PLOT SCALE = 50.0000' / in.		CHECKED -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 9/15/2016		DATE -	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**



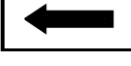
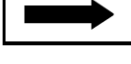

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE. 3260 2060	SECTION 16-00106-00-RS	COUNTY LAKE	TOTAL SHEETS 121	SHEET NO. 89
TC-16		CONTRACT NO.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				






ROUTE MARKERS

-  FOR U.S. ROUTES
M1-40-2424
-  FOR ILLINOIS ROUTES
M1-50-2424
-  R.R., UNMARKED ROUTES
SPECIAL 24" x 18" VARIABLE
4" BLACK LETTERS ON WHITE
REFLECTIVE BACKGROUND

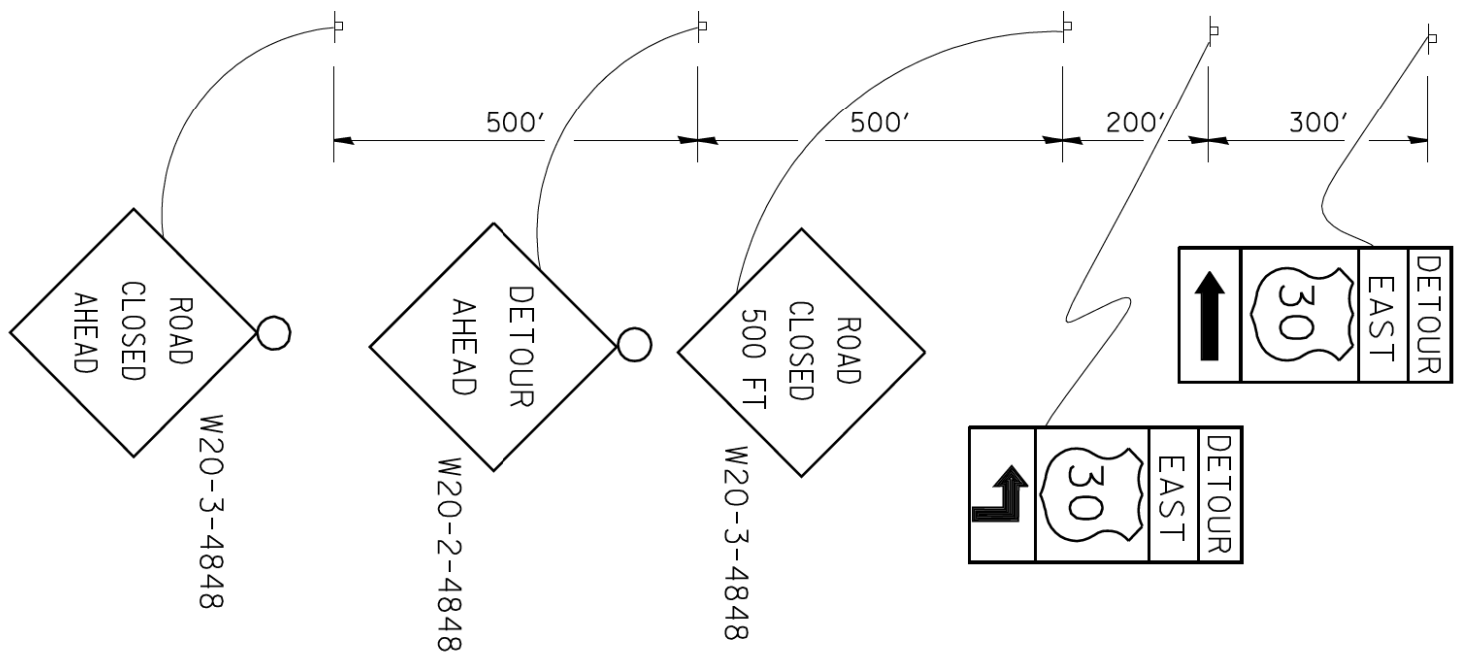
ARROWS SIGNS

-  M5-1L-2115
-  M5-1R-2115
-  M6-1-2115
-  M6-1-2115
-  M6-3-2115

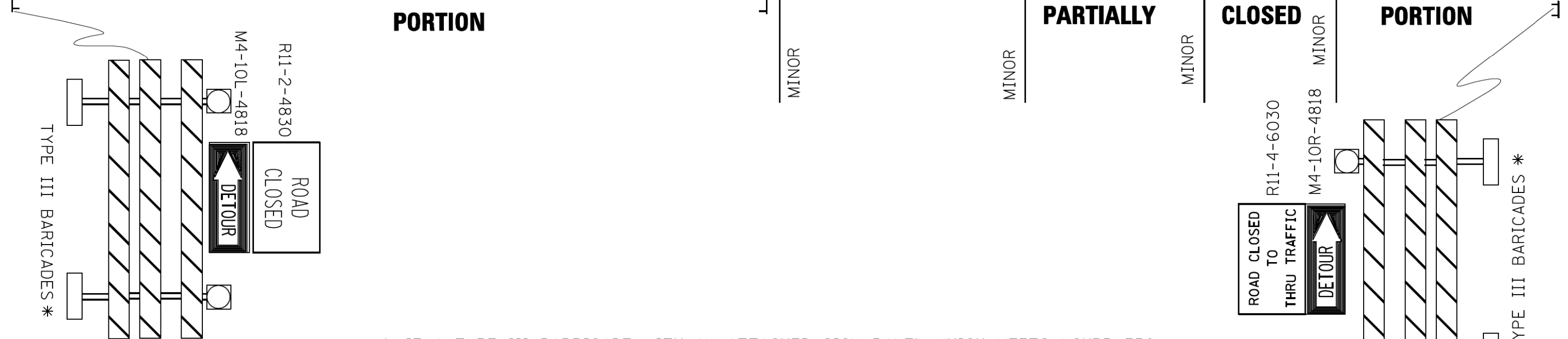
CARDINAL DIRECTION & DETOUR SIGNS

-  NORTH M3-1-2412
-  EAST M3-2-2412
-  SOUTH M3-3-2412
-  WEST M3-4-2412
-  DETOUR M4-8-2412

STATE ROUTE

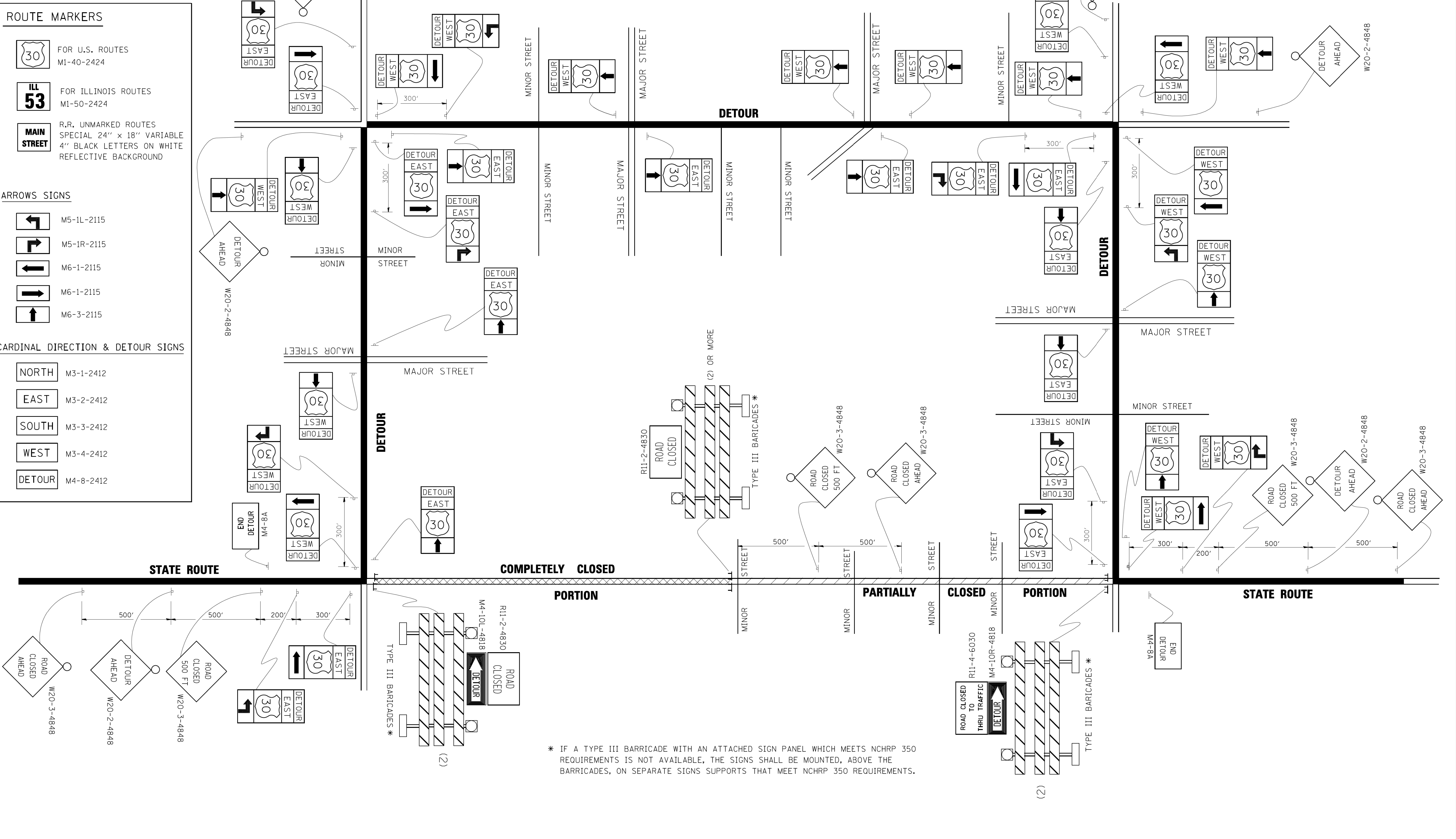
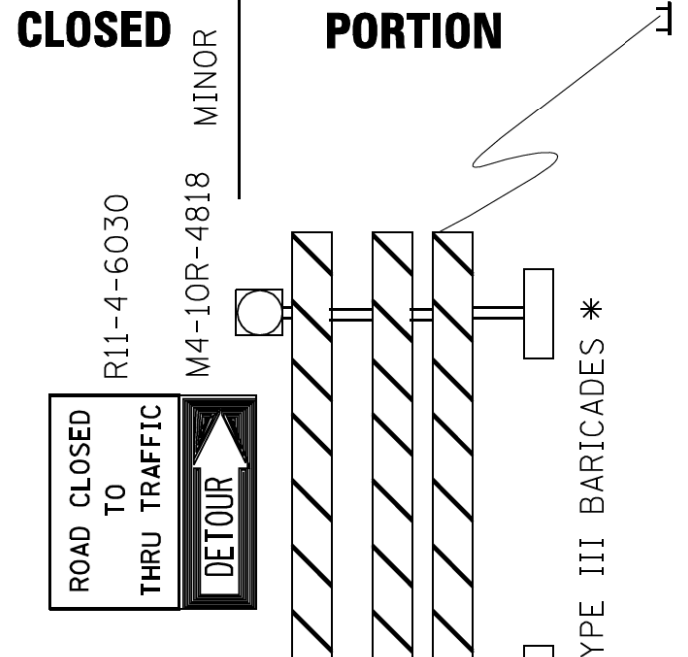


COMPLETELY CLOSED



* IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.

PARTIALLY CLOSED



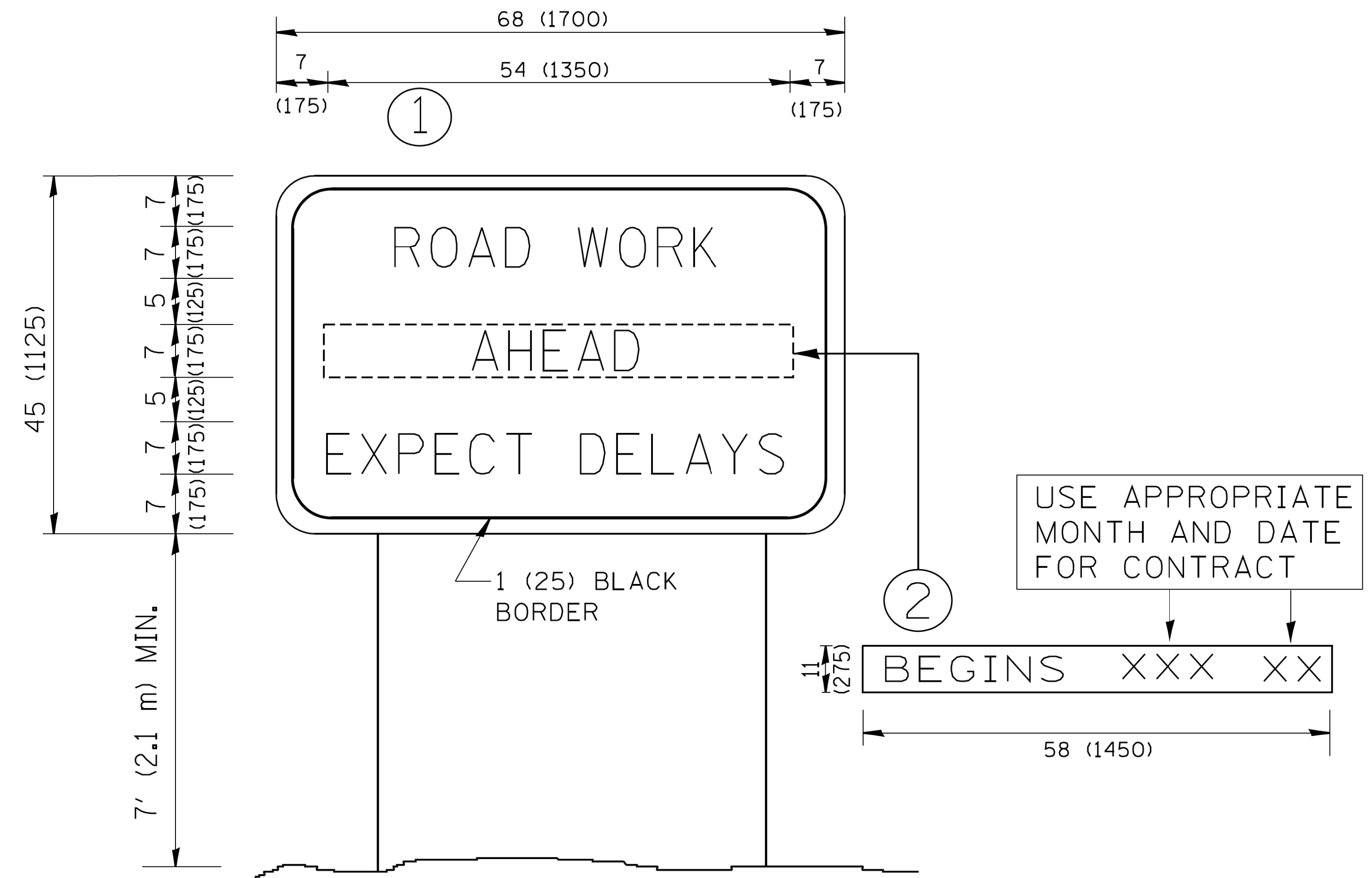
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		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETOUR SIGNING
FOR CLOSING STATE HIGHWAYS**

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

F.A. R.T.E. 3260 2060	SECTION 16-00106-00-RS	COUNTY LAKE	TOTAL SHEETS 121	SHEET NO. 90
TC-21		CONTRACT NO.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

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

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

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PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07	REVISED - R. MIRS 12-11-97

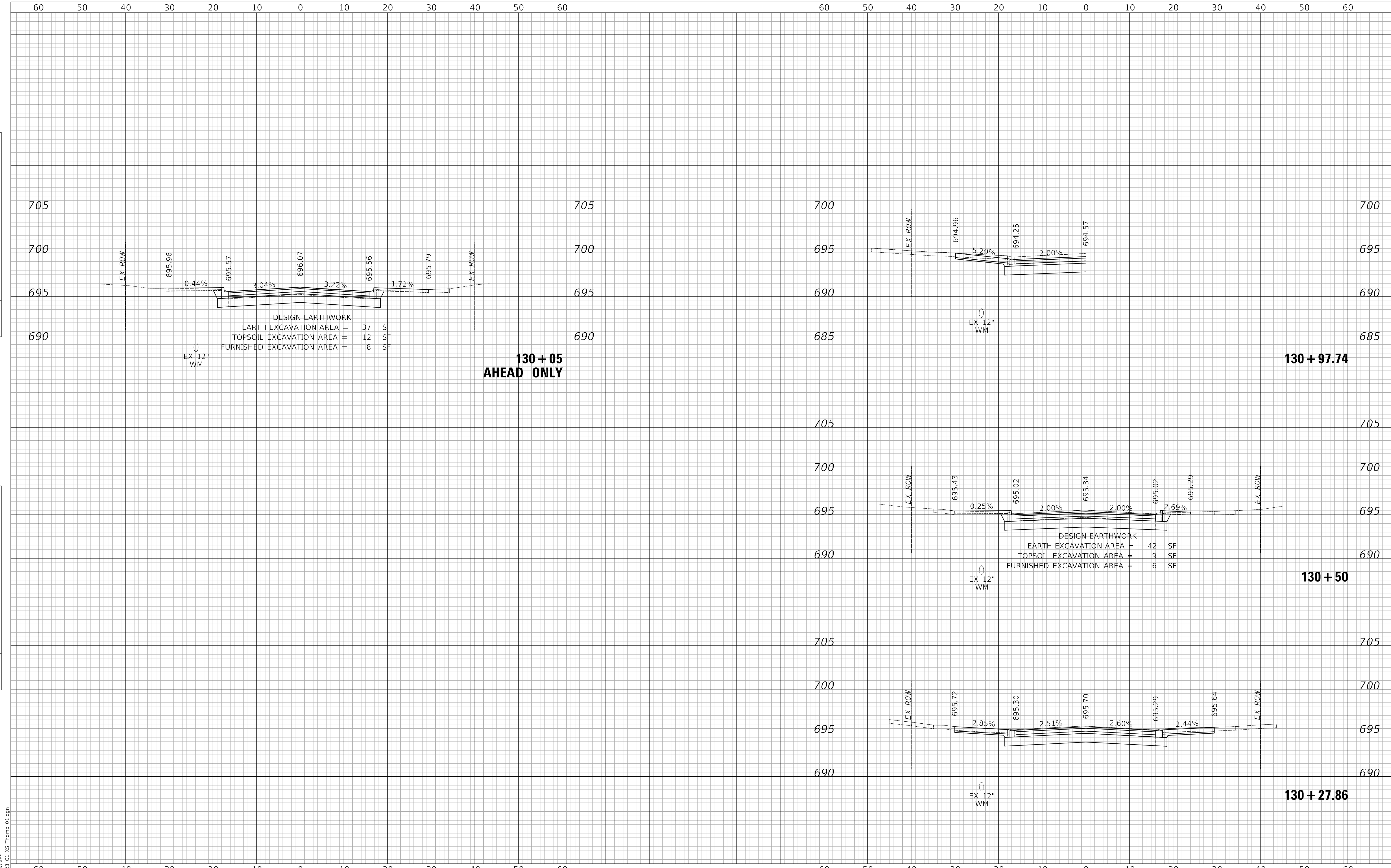
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ARTERIAL ROAD INFORMATION SIGN	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A. RTE. 3260 2060	SECTION 16-00106-00-R5	COUNTY LAKE	TOTAL SHEETS 121	SHEET NO. 91
TC-22		CONTRACT NO.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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	PLOTTED	BY
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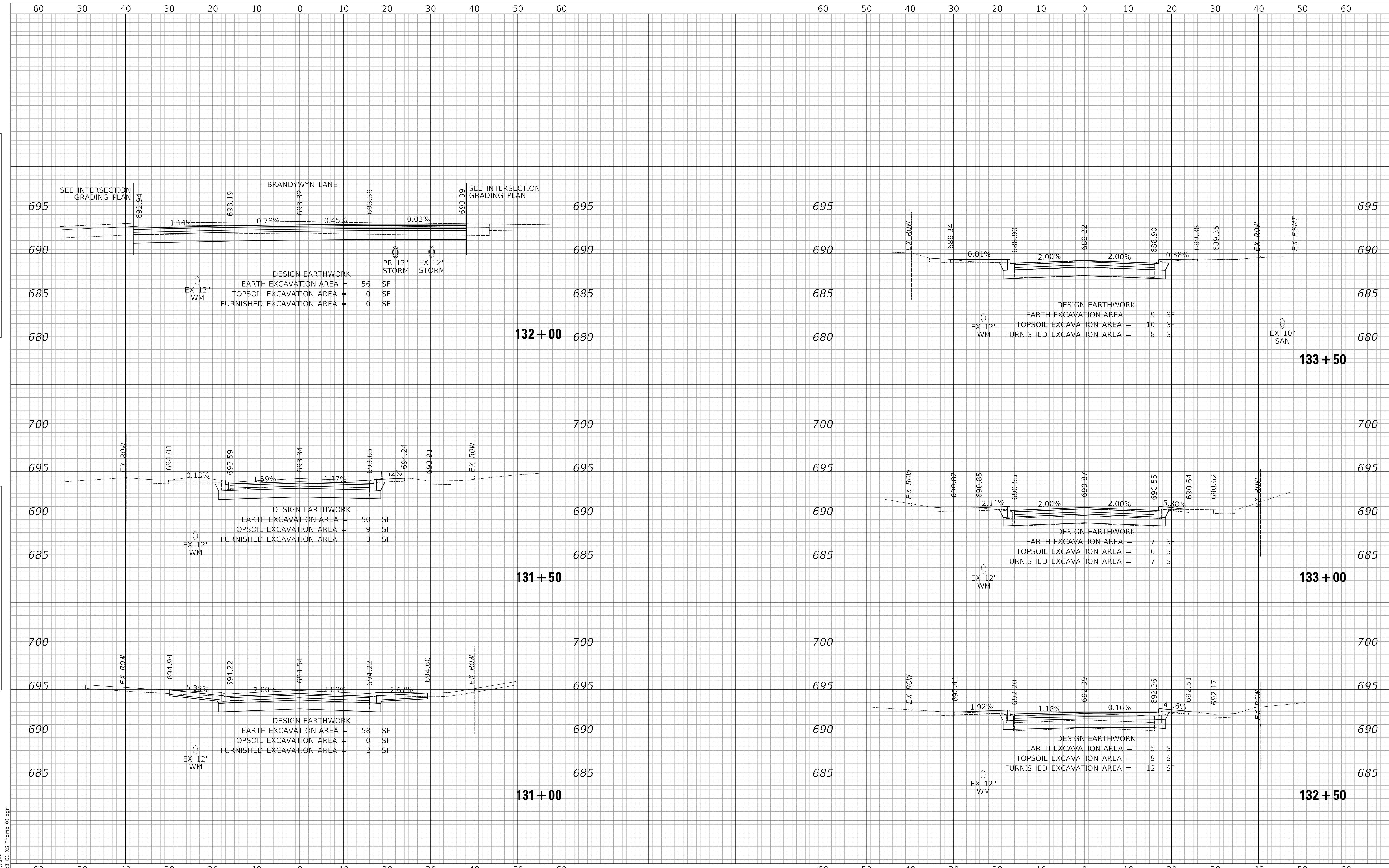
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	PLOTTED	BY
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PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

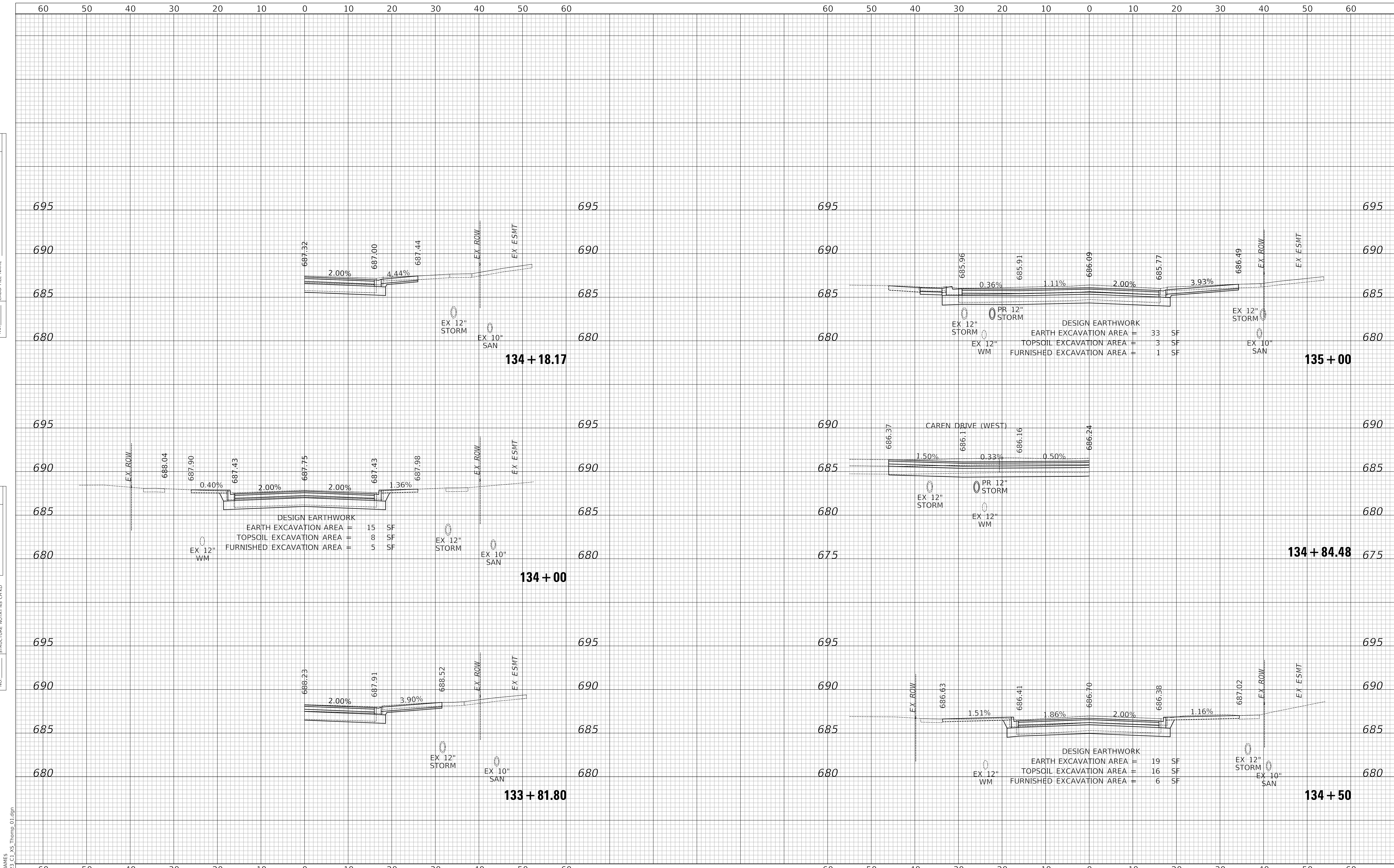
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	NOTE BOOK NO.		
	STRUCTURE NOTATION		



MODEL: SH06DELNAMEES
FILE NAME: ...13232_C1_X5_Thomp_01.dgn

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	NOTE BOOK NO.	
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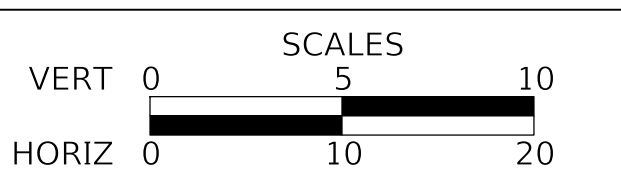
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	NOTE BOOK NO.	
	STRUCTURE NOTATIONS CHECKED	



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DATE -	12/18/2019	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**



CROSS SECTIONS - THOMPSON BOULEVARD

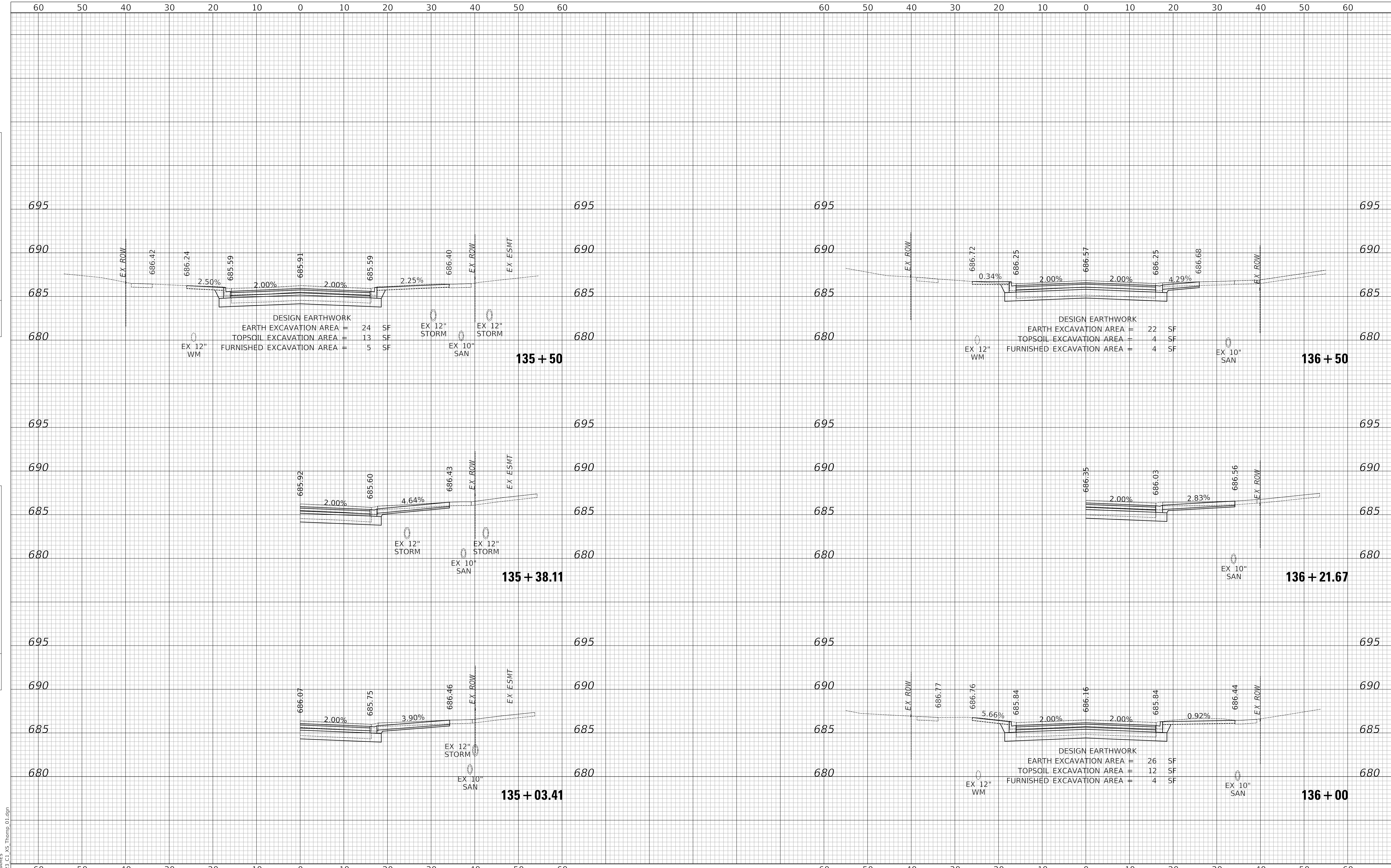
SHEET 3 OF 16 SHEETS STA 133+81.80 TO STA 135+00

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	94
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

MODEL: SPODELINAMES
 FILE NAME: ...13232_C1_X5_Thomp_01.dgn

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADE CHECKED	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
	NO.	



DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	24	SF
TOPSOIL EXCAVATION AREA	=	13	SF
FURNISHED EXCAVATION AREA	=	5	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	22	SF
TOPSOIL EXCAVATION AREA	=	4	SF
FURNISHED EXCAVATION AREA	=	4	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	26	SF
TOPSOIL EXCAVATION AREA	=	12	SF
FURNISHED EXCAVATION AREA	=	4	SF

DESIGN EARTHWORK

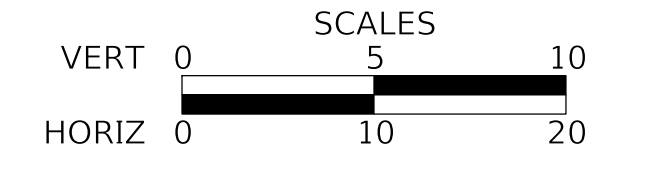
EARTH EXCAVATION AREA	=	26	SF
TOPSOIL EXCAVATION AREA	=	12	SF
FURNISHED EXCAVATION AREA	=	4	SF



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CROSS SECTIONS - THOMPSON BOULEVARD

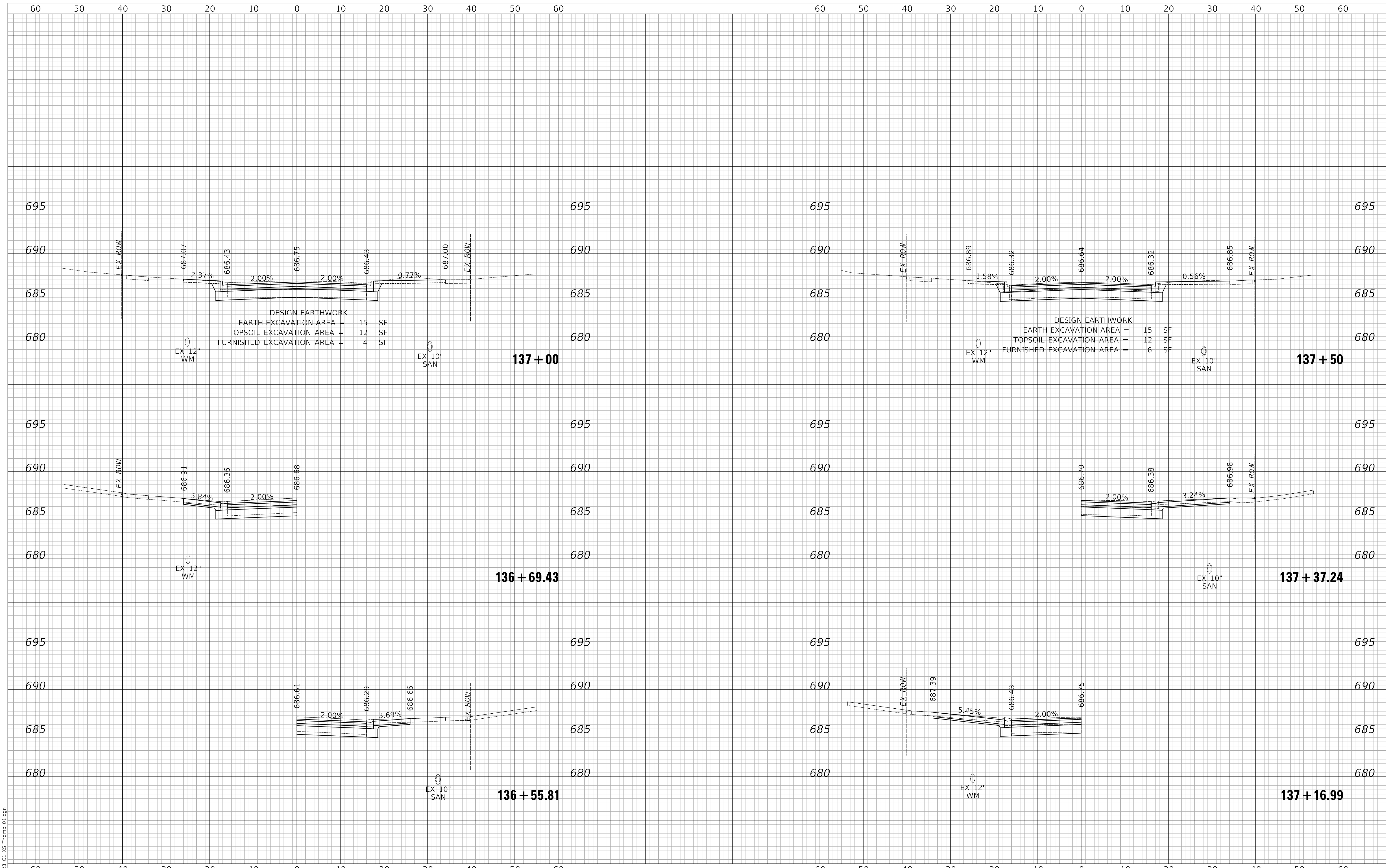
SHEET 4 OF 16 SHEETS STA 135+03.41 TO STA 136+50

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	95
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

MODEL: SPODELNAMEES
FILE NAME: ...13232_C1_X5_Thomp_01.dgn

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	NOTE BOOK	
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	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	BY
	STRUCTURE NOTATION	
	NO.	



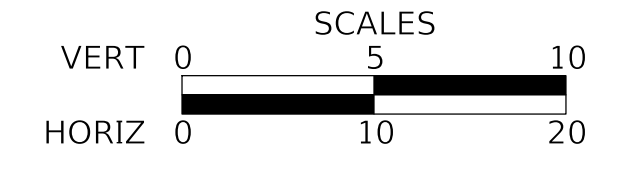
MODEL: SH06DELNAM05
FILE NAME: ...132323_C1_X5_Thomp_01.dgn



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CHECKED -	KRK	REVISED -	
DATE -	12/18/2019	REVISED -	

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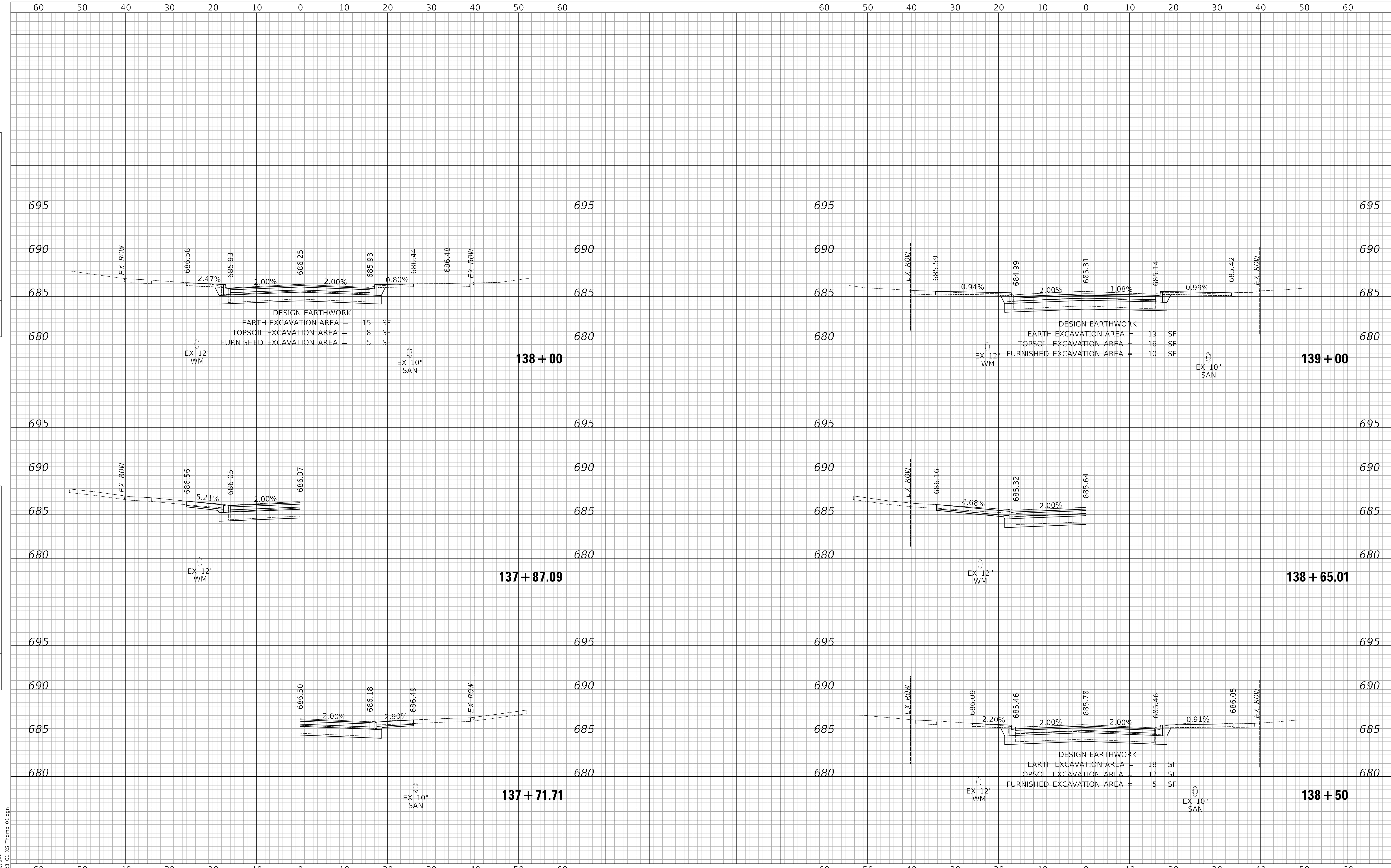
CROSS SECTIONS - THOMPSON BOULEVARD

SHEET 5 OF 16 SHEETS STA 136+55.81 TO STA 137+50

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	96
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	NOTE BOOK	
	NO.	
	CADD FILE NAME	

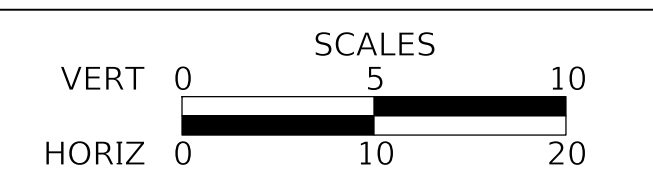
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	NOTE BOOK	
	NO.	
	STRUCTURE NOTATION	



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DATE	-	12/18/2019	REVISED	-

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CROSS SECTIONS - THOMPSON BOULEVARD

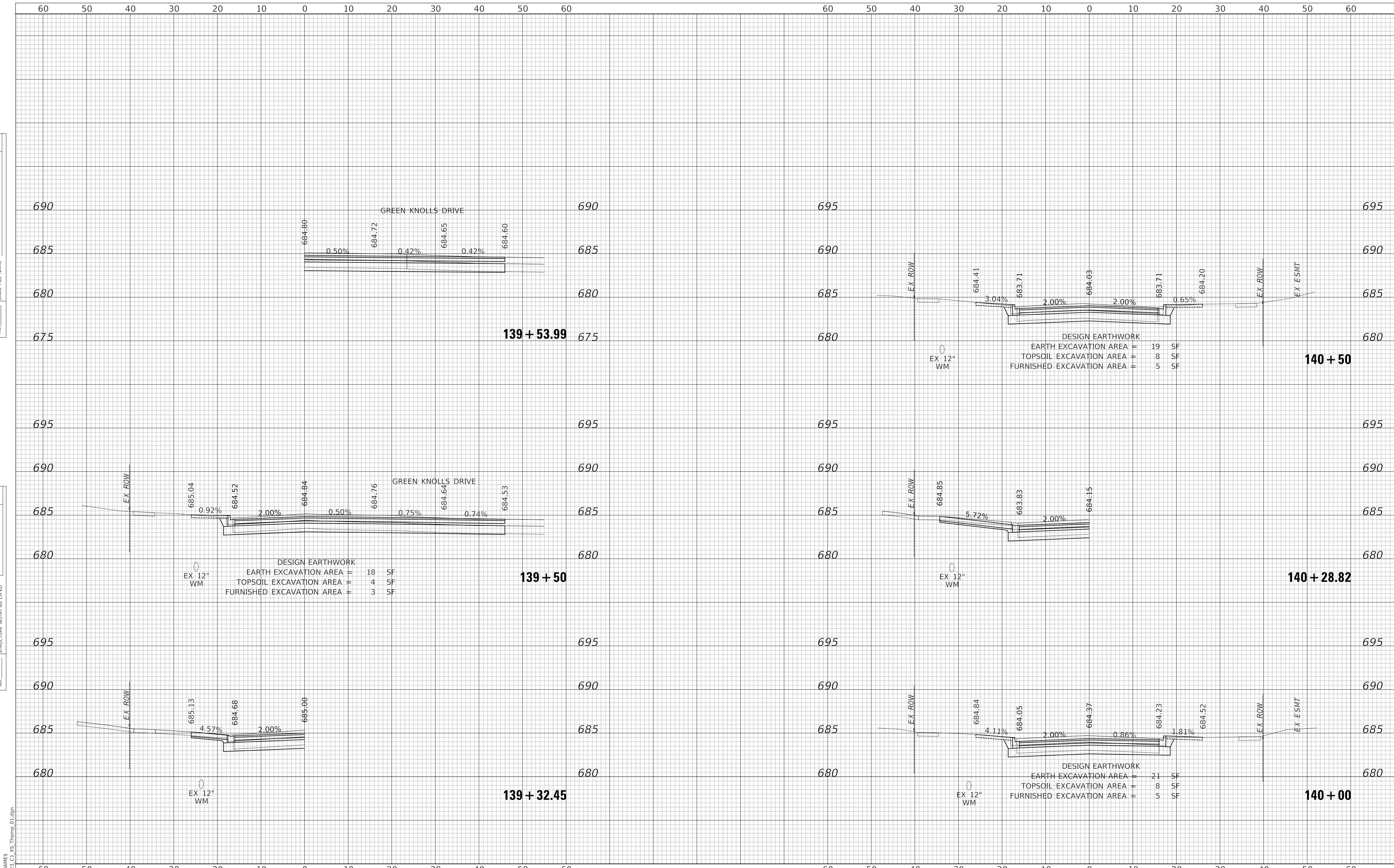
SHEET 6 OF 16 SHEETS STA 137+71.71 TO STA 139+00

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	97
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

MODEL: SPODELNAMEES
 FILE NAME: ...13232_C1_X5_Thomp_01.dgn

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADE CHECKED	
	CADD FILE NAME	
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PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
	NO.	



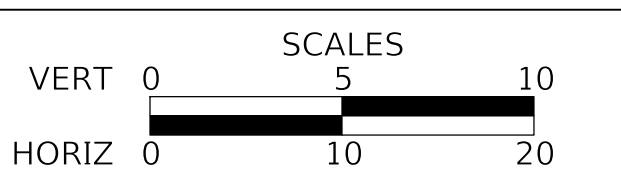
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FILE NAME: ...13232_C1_X5_Thomp_01.dgn



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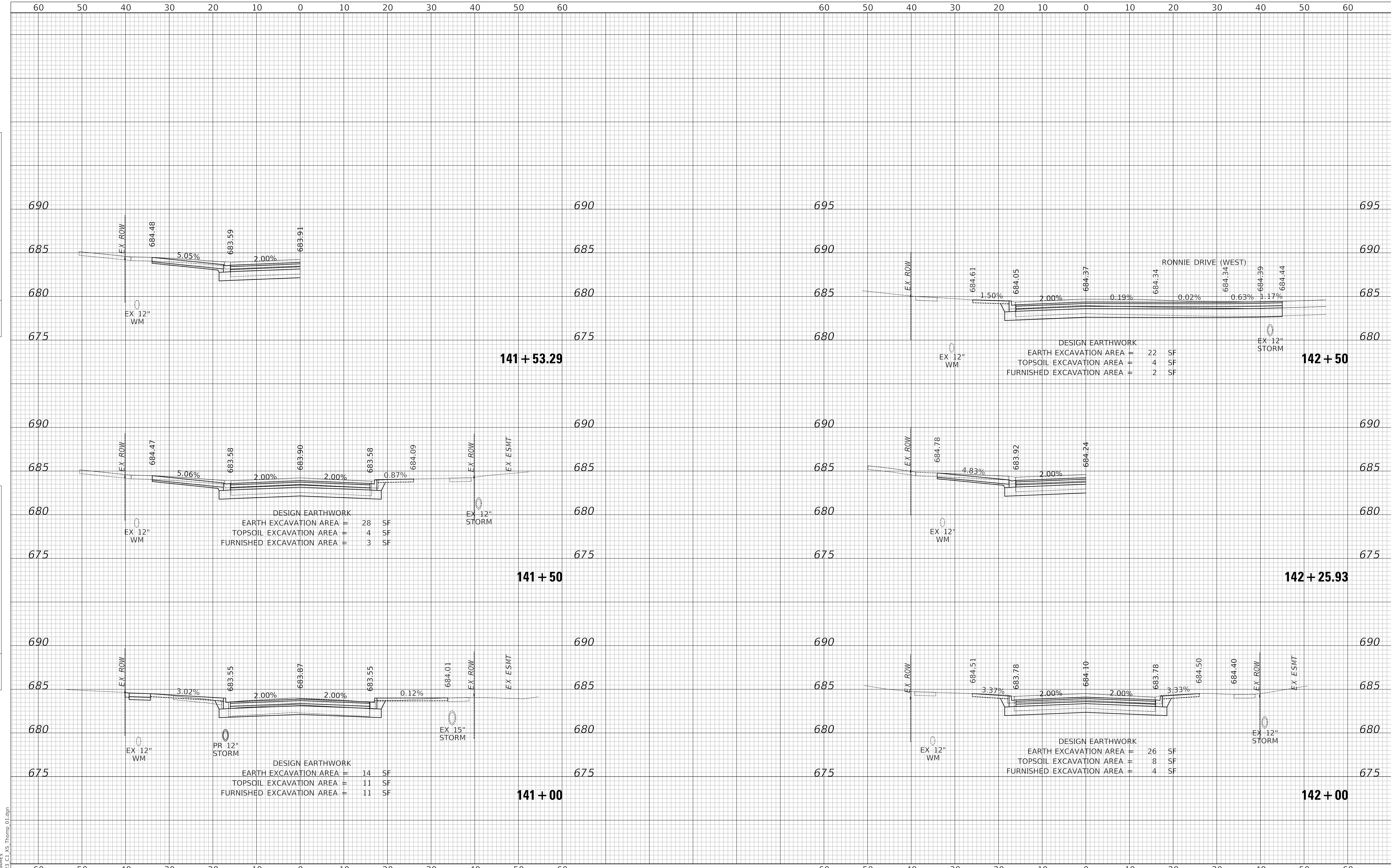


CROSS SECTIONS - THOMPSON BOULEVARD
SHEET 7 OF 16 SHEETS STA 139+32.45 TO STA 140+50

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	98
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

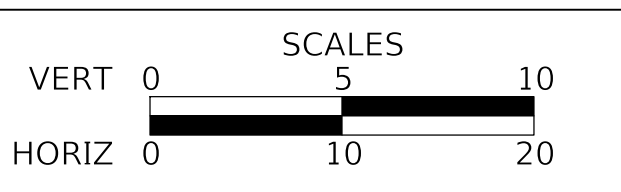
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	NOTE BOOK NO.	
	STRUCTURE NOTATION	



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DATE	-	12/18/2019	REVISED	-

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CROSS SECTIONS - THOMPSON BOULEVARD

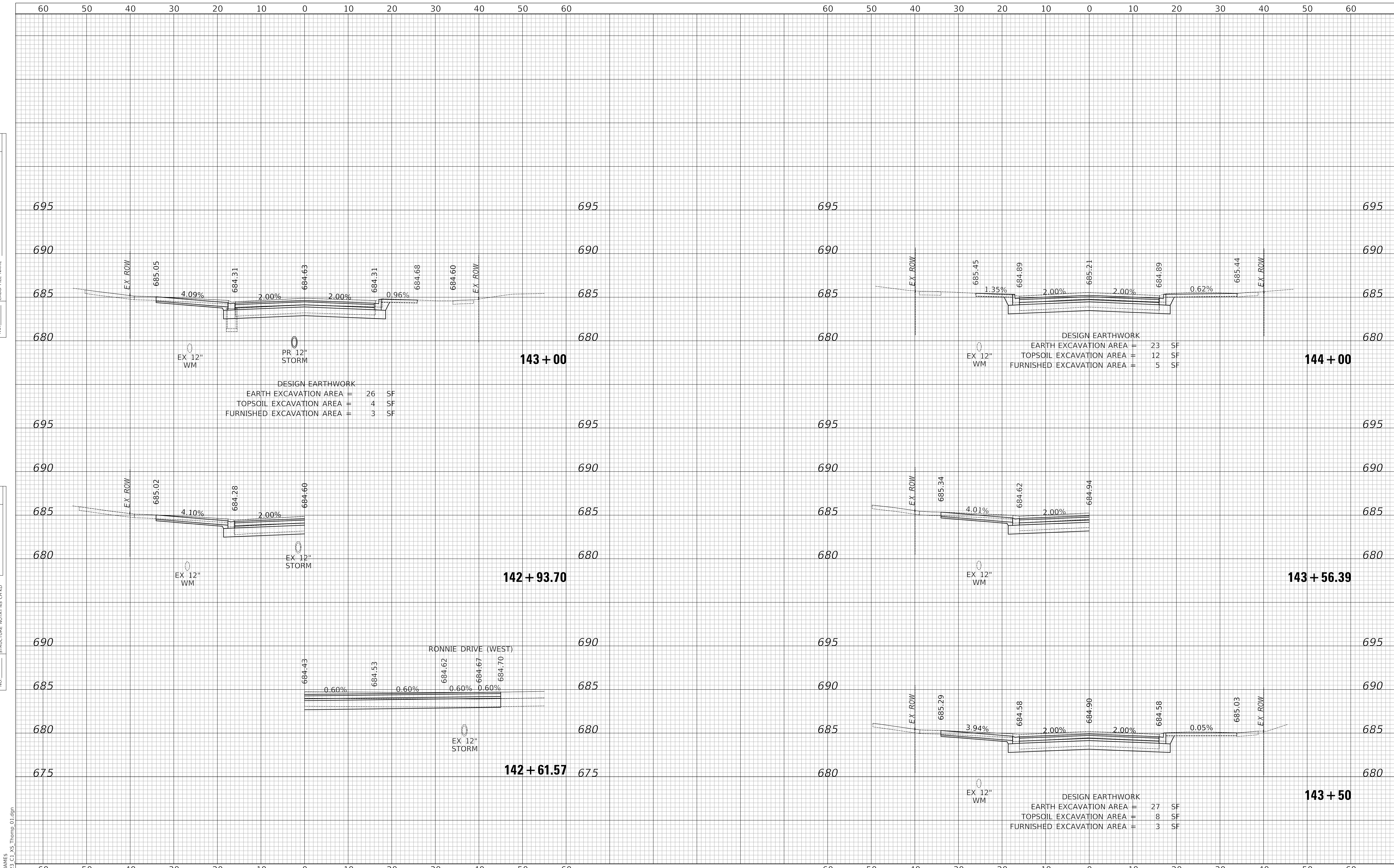
SHEET 8 OF 16 SHEETS STA 141+00 TO STA 142+50

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	99
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

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PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADE CHECKED	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
	NO.	



DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 26 SF
 TOPSOIL EXCAVATION AREA = 4 SF
 FURNISHED EXCAVATION AREA = 3 SF

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 23 SF
 TOPSOIL EXCAVATION AREA = 12 SF
 FURNISHED EXCAVATION AREA = 5 SF

RONNIE DRIVE (WEST)

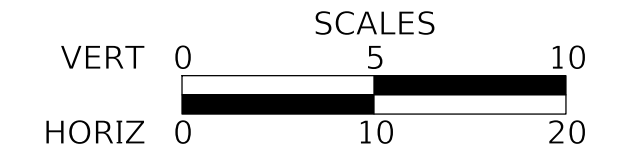
DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 27 SF
 TOPSOIL EXCAVATION AREA = 8 SF
 FURNISHED EXCAVATION AREA = 3 SF



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DATE	-	12/18/2019	REVISED	-

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CROSS SECTIONS - THOMPSON BOULEVARD

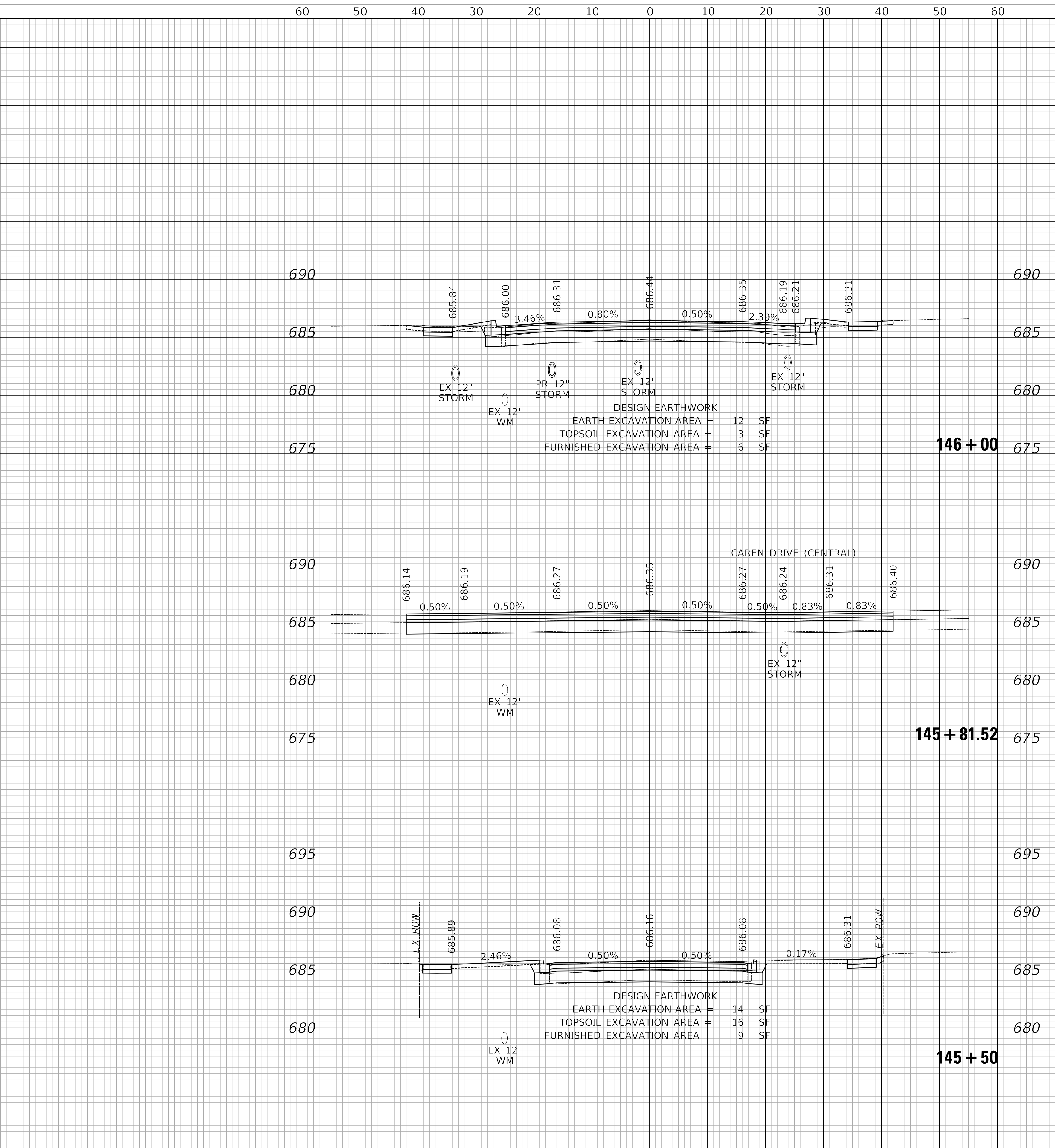
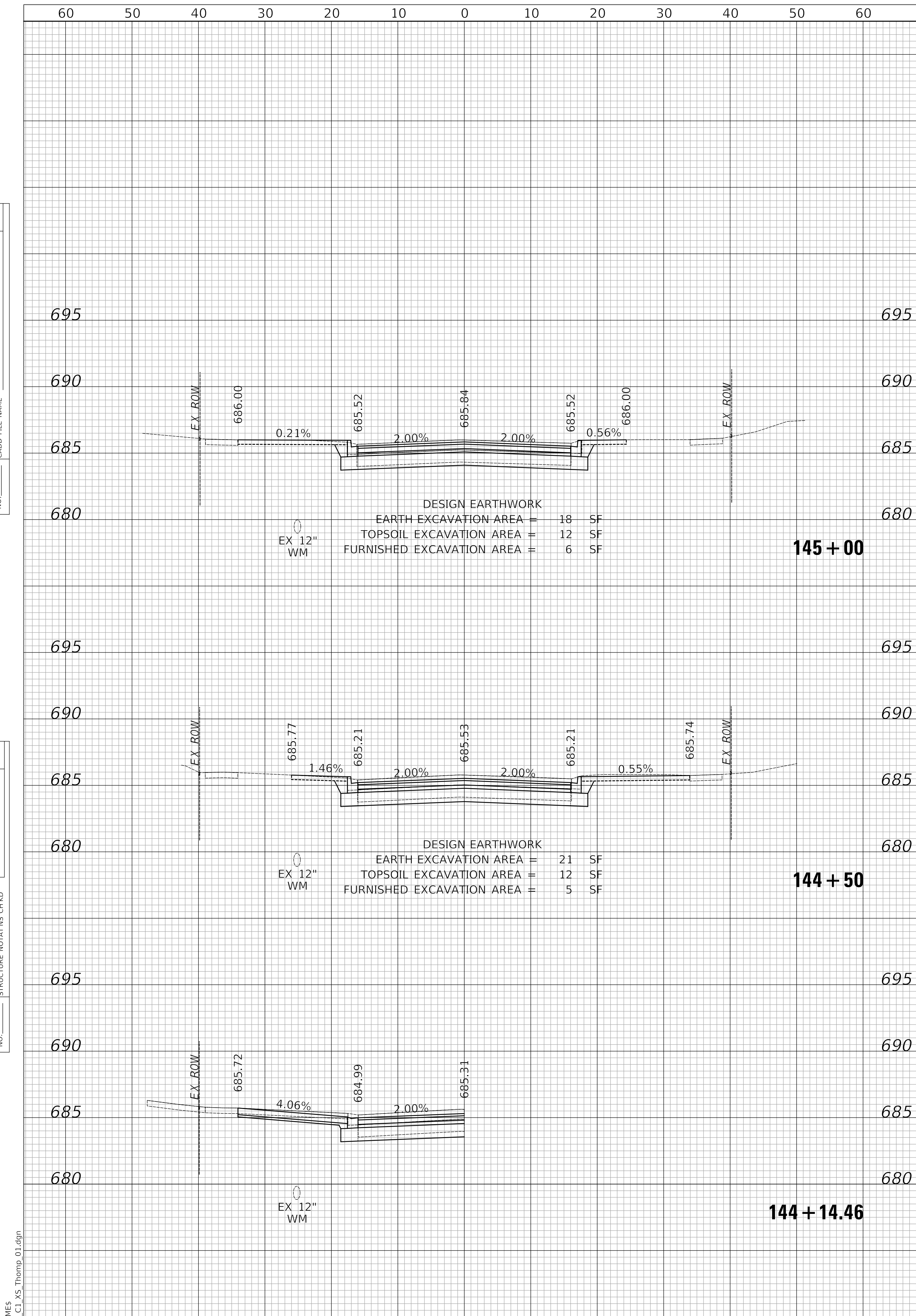
SHEET 9 OF 16 SHEETS STA 142+61.57 TO STA 144+00

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	100
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

MODEL: S:\MODEL\NAMES
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PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADE CHECKED	
	STRUCTURE NOTATION CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

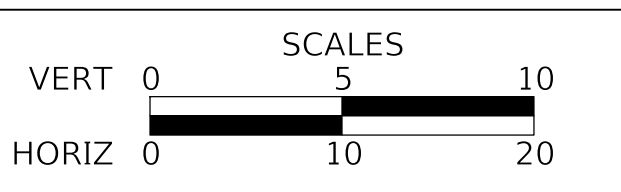
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	



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CROSS SECTIONS - THOMPSON BOULEVARD

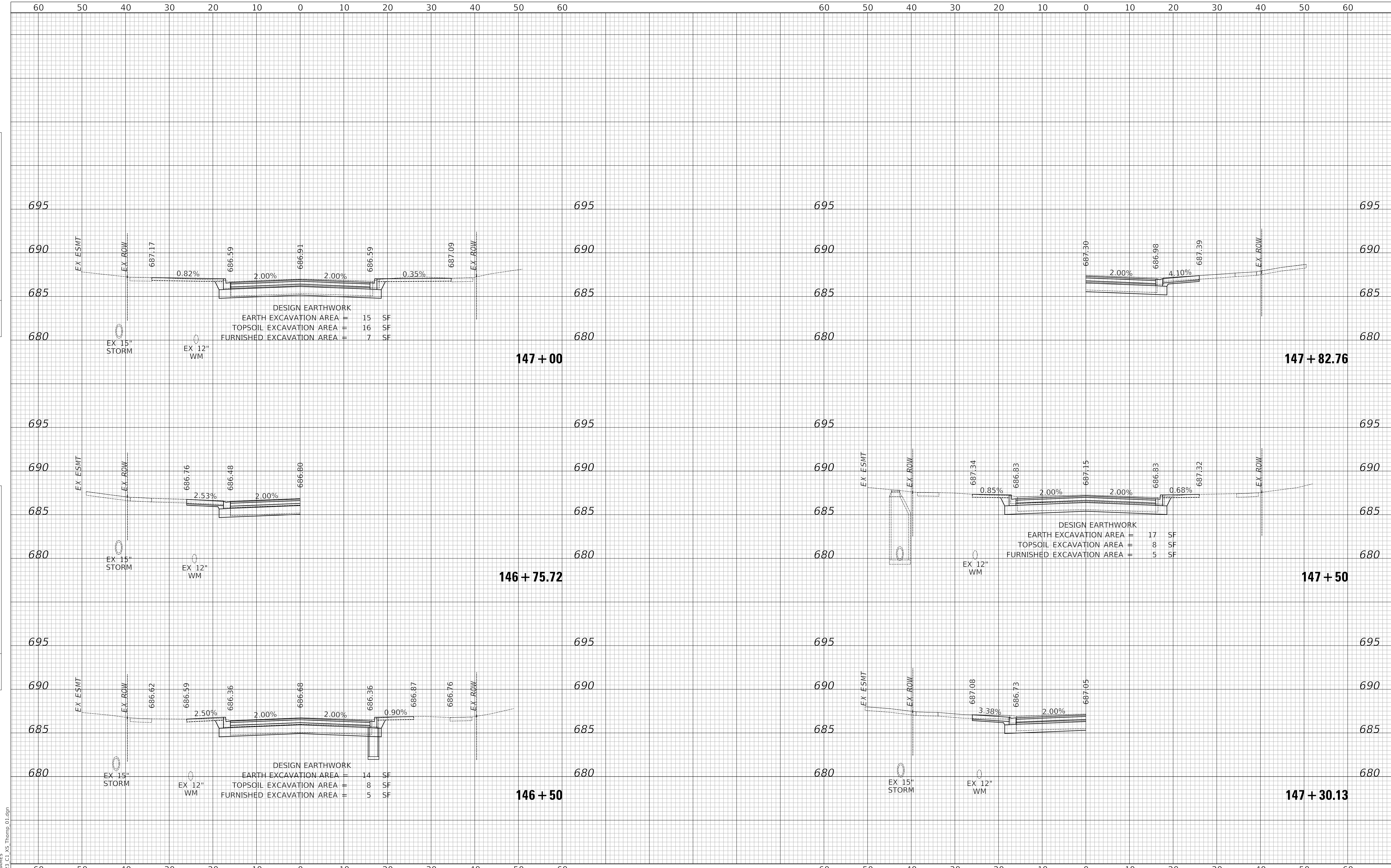
SHEET 10 OF 16 SHEETS STA 144+14.46 TO STA 146+00

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	101
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

MODEL: SPODELNAMEES
FILE NAME: ...13232_C1_X5_Thomp_01.dgn

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
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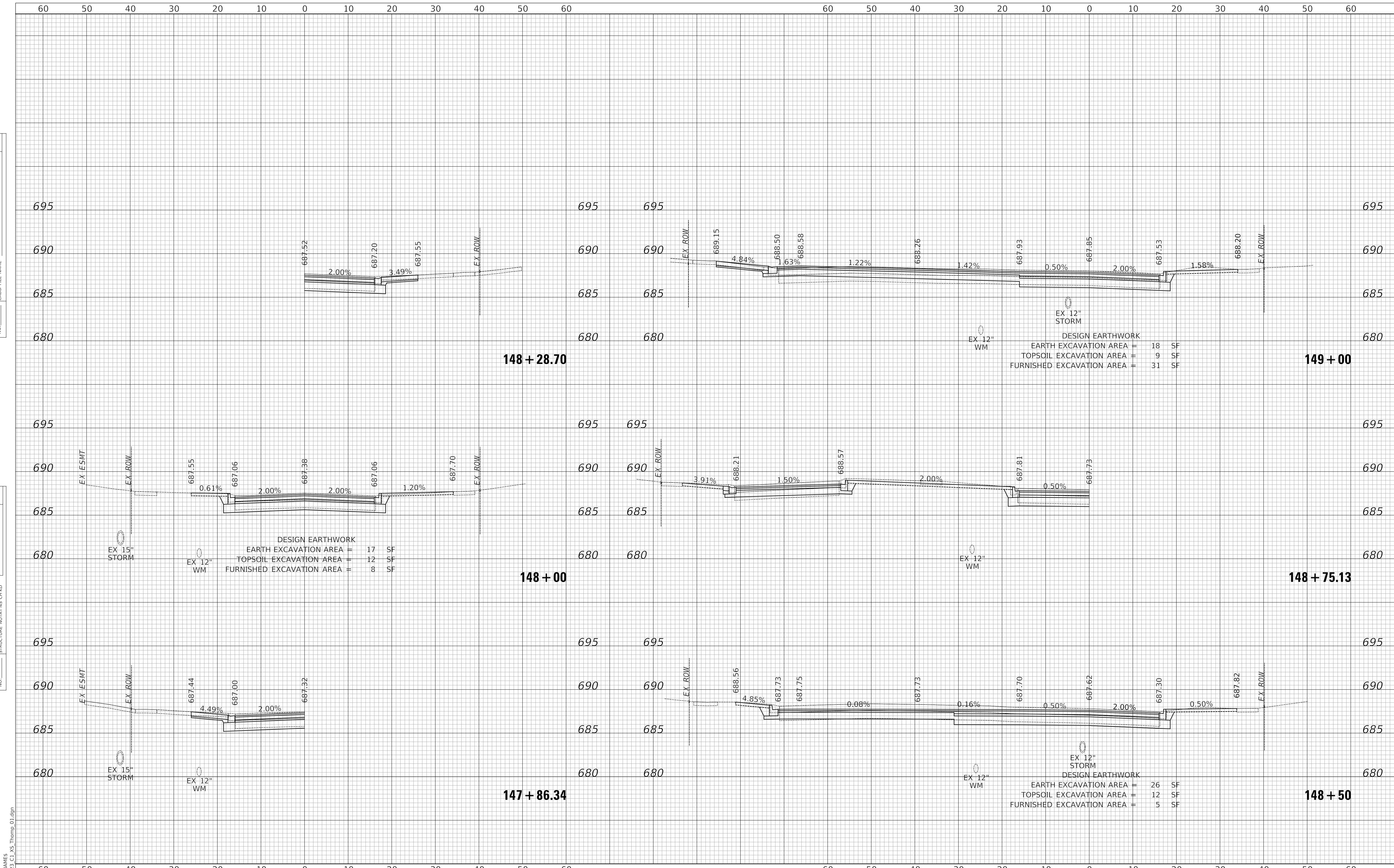
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
	NO.	



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	SHEET 11 OF 16 SHEETS STA 146+50 TO STA 147+82.76						CONTRACT NO 61G31 ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADE FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATION	
	NO.	



DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	17	SF
TOPSOIL EXCAVATION AREA	=	12	SF
FURNISHED EXCAVATION AREA	=	8	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	18	SF
TOPSOIL EXCAVATION AREA	=	9	SF
FURNISHED EXCAVATION AREA	=	31	SF

DESIGN EARTHWORK

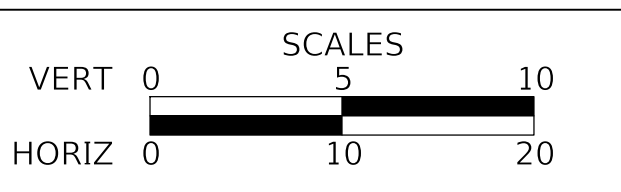
EARTH EXCAVATION AREA	=	26	SF
TOPSOIL EXCAVATION AREA	=	12	SF
FURNISHED EXCAVATION AREA	=	5	SF



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DATE	-	12/18/2019	REVISED	-

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CROSS SECTIONS - THOMPSON BOULEVARD

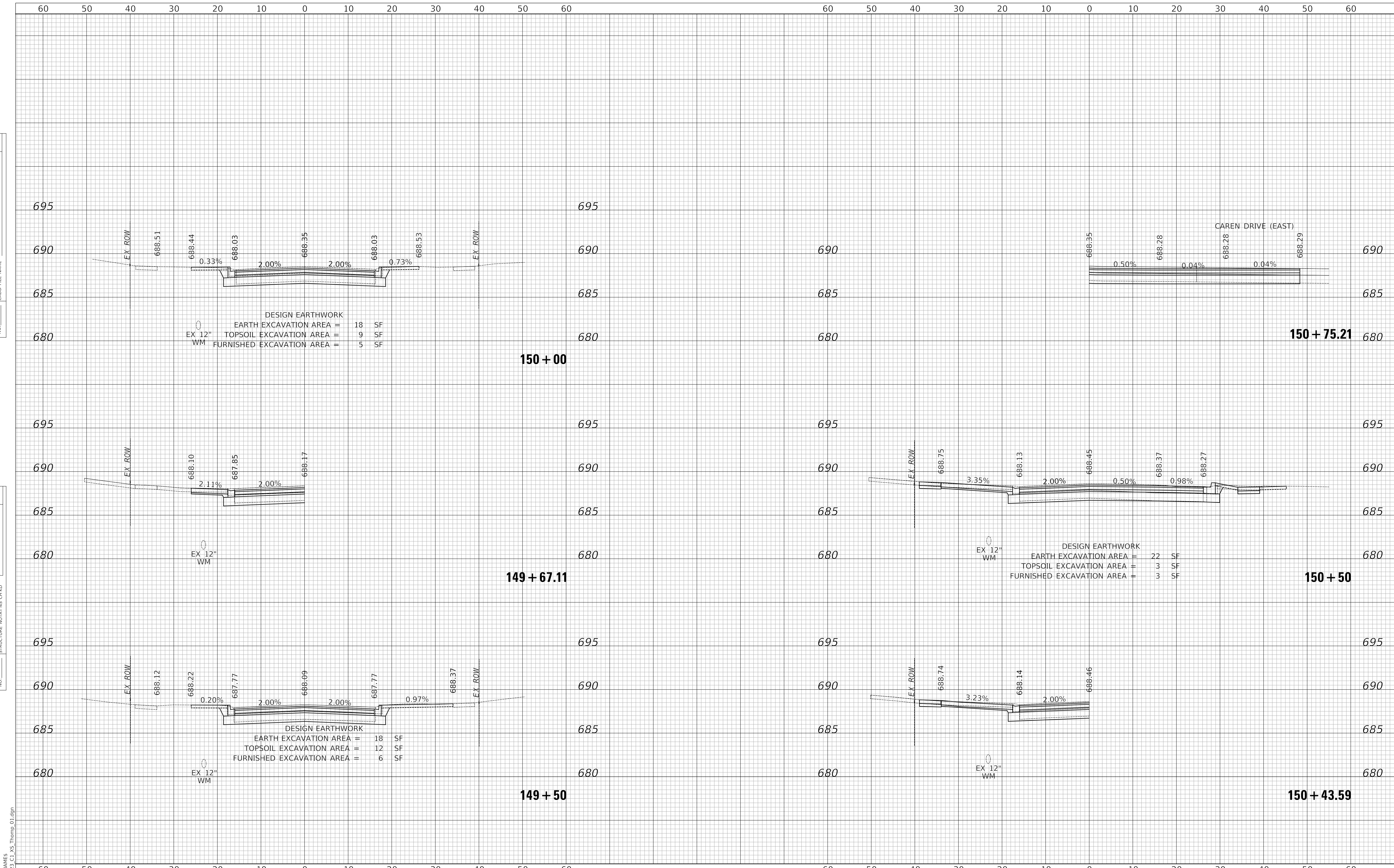
SHEET 12 OF 16 SHEETS STA 147+86.34 TO STA 149+00

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	103
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

MODEL: S:\MODEL\NAMES
 FILE NAME: ...13232_C1_X5_Thomp_01.dgn

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
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	CADD FILE NAME	
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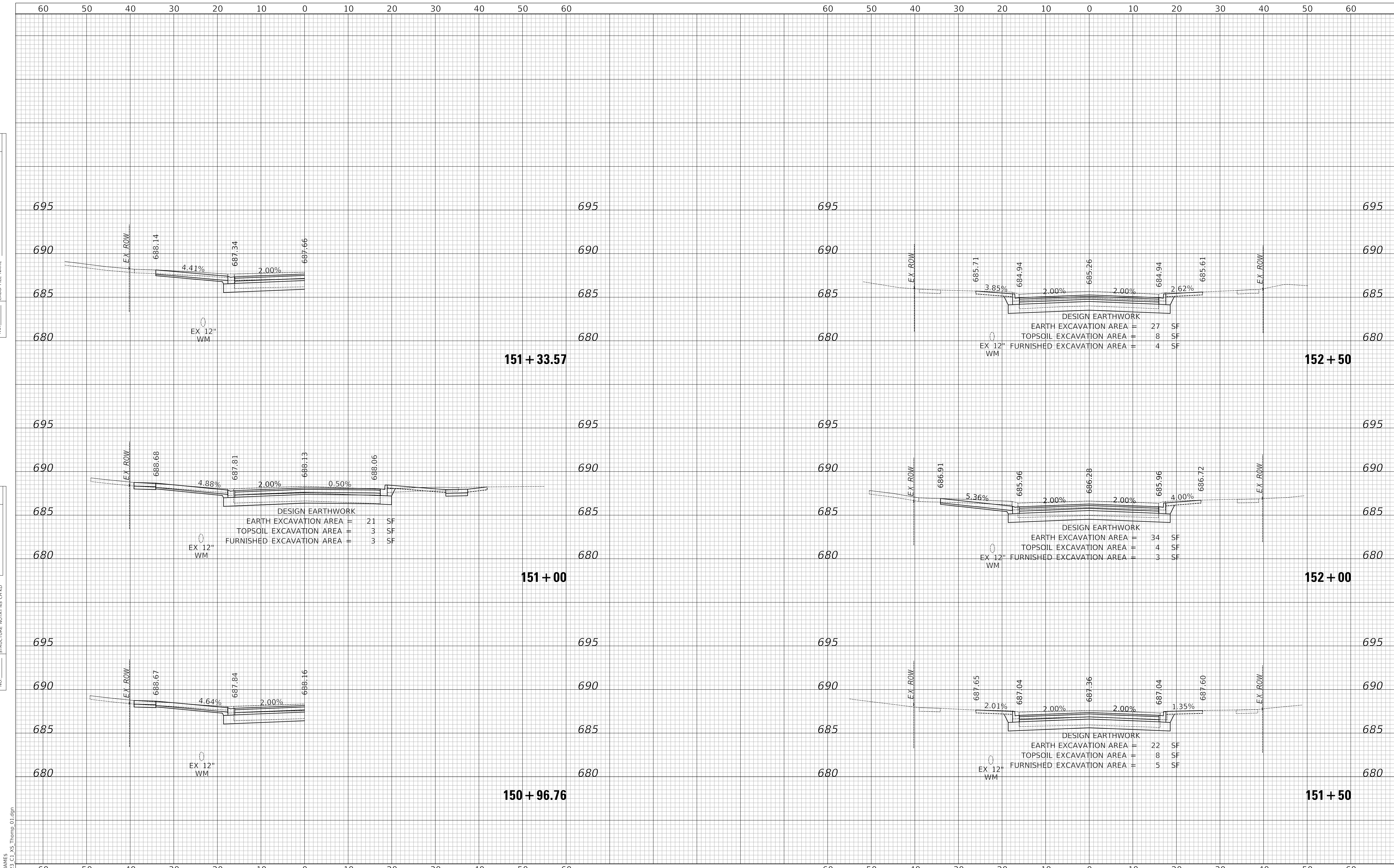
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	PLOTTED	BY
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PLAN	SURVEYED	DATE
	PLOTTED	BY
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	CADD FILE NAME	
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PROFILE	SURVEYED	DATE
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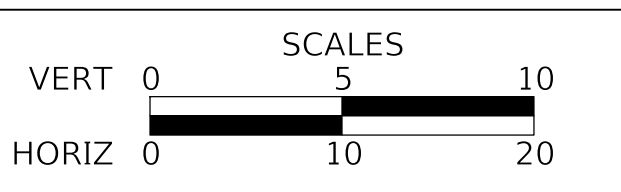
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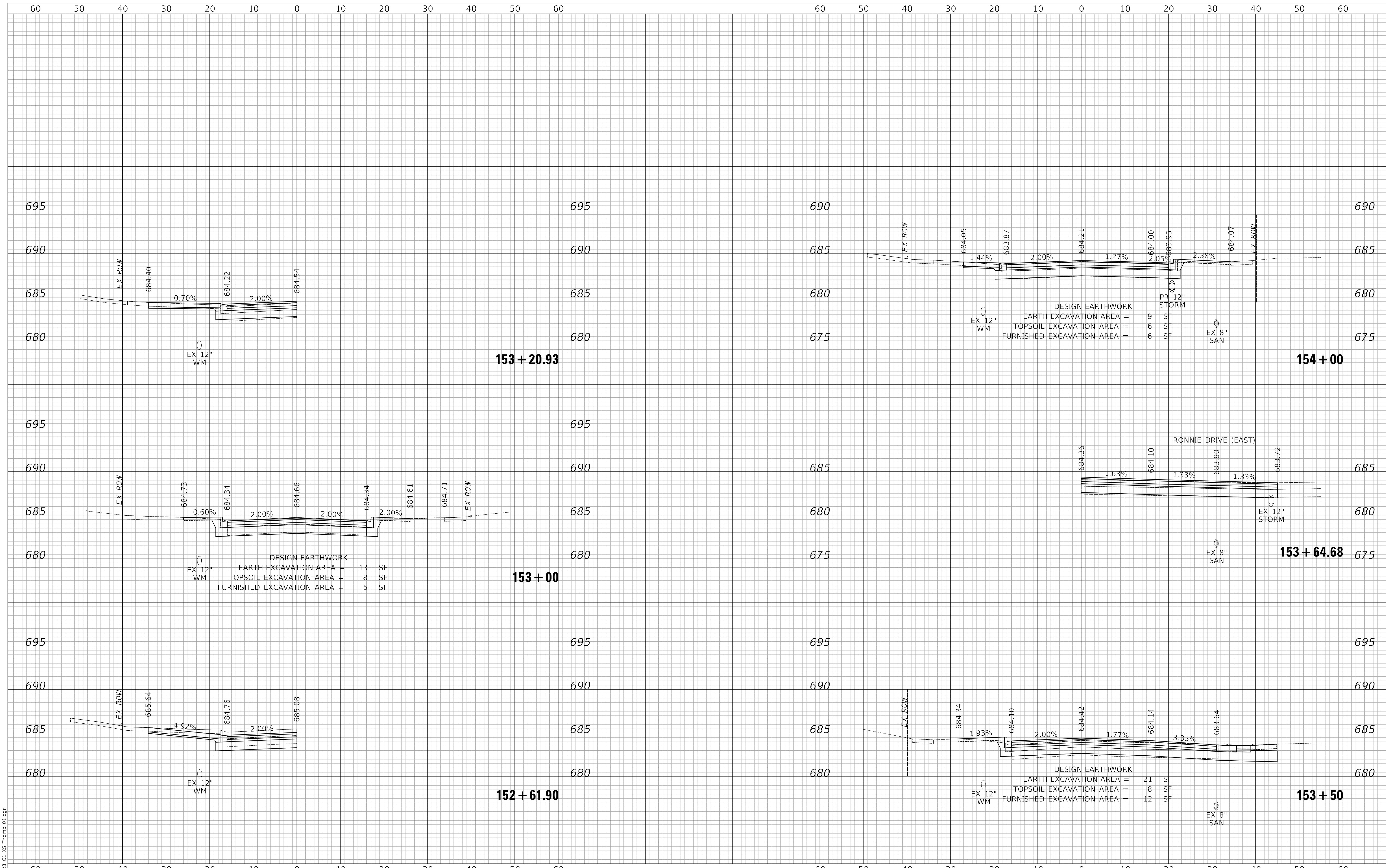
CROSS SECTIONS - THOMPSON BOULEVARD

SHEET 14 OF 16 SHEETS STA 150+96.76 TO STA 152+50

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	105
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
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	GRADE FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATION	
	NO.	



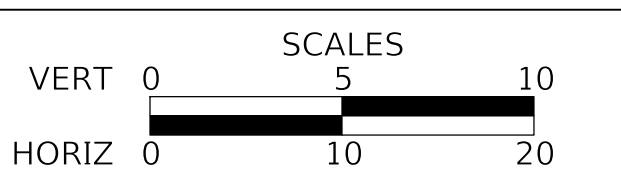
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FILE NAME: ...132323_C1_X5_Thomp_01.dgn



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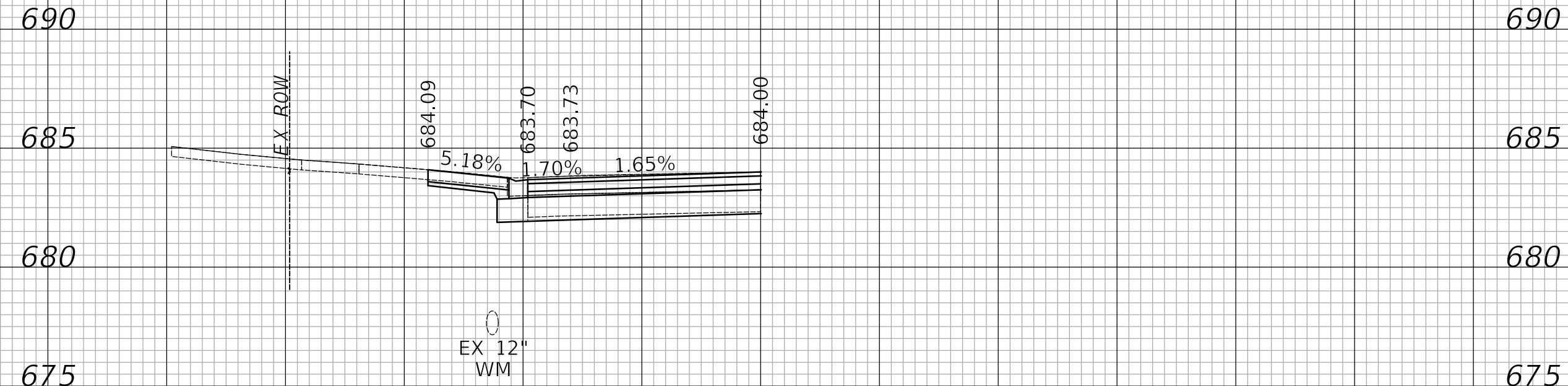
CROSS SECTIONS - THOMPSON BOULEVARD
SHEET 15 OF 16 SHEETS STA 152+61.90 TO STA 154+00

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	106
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

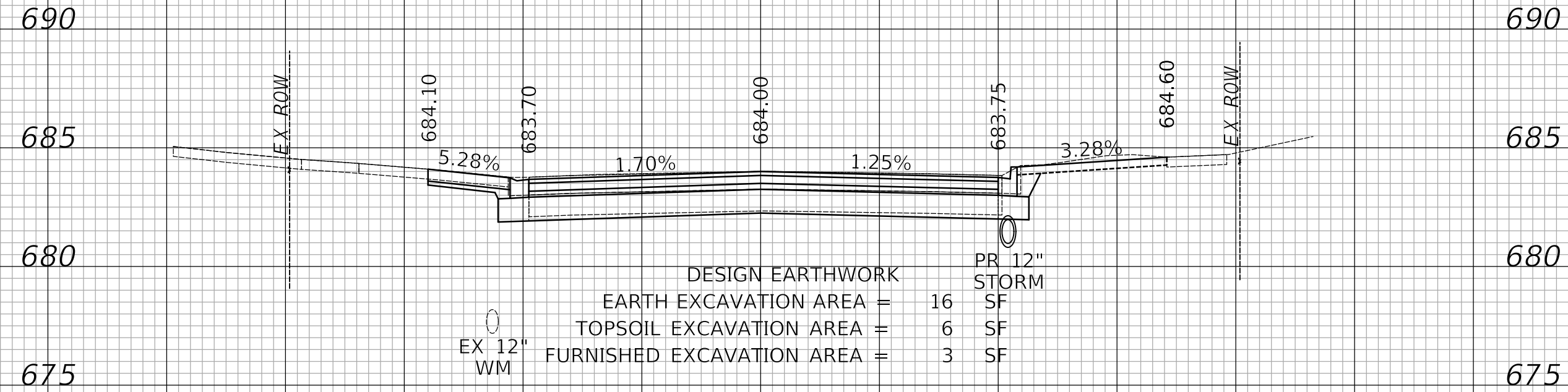
PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADE FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	BY
	STRUCTURE NOTATION	
	NO.	

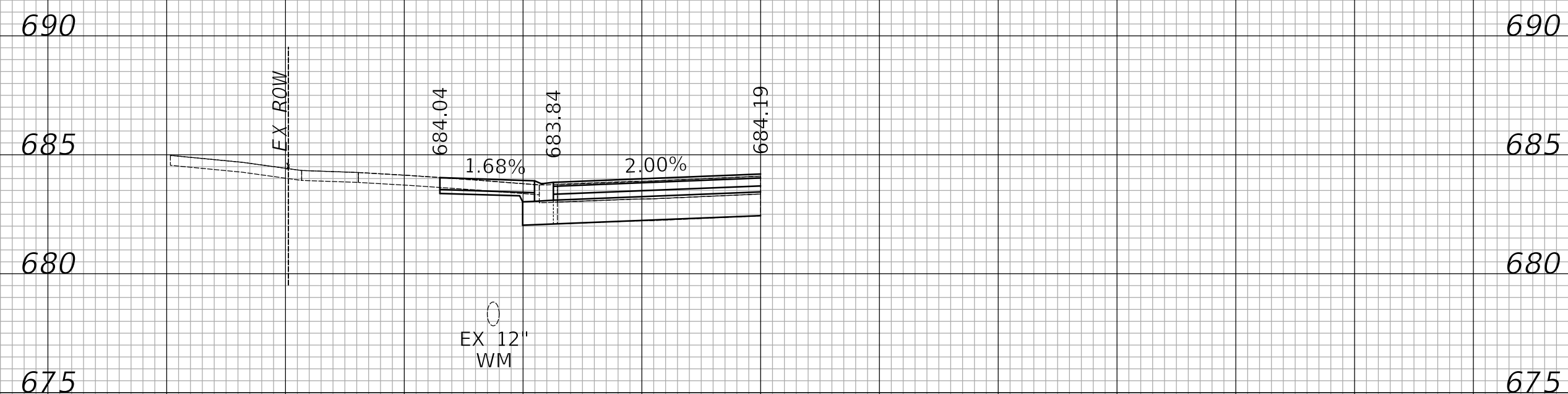
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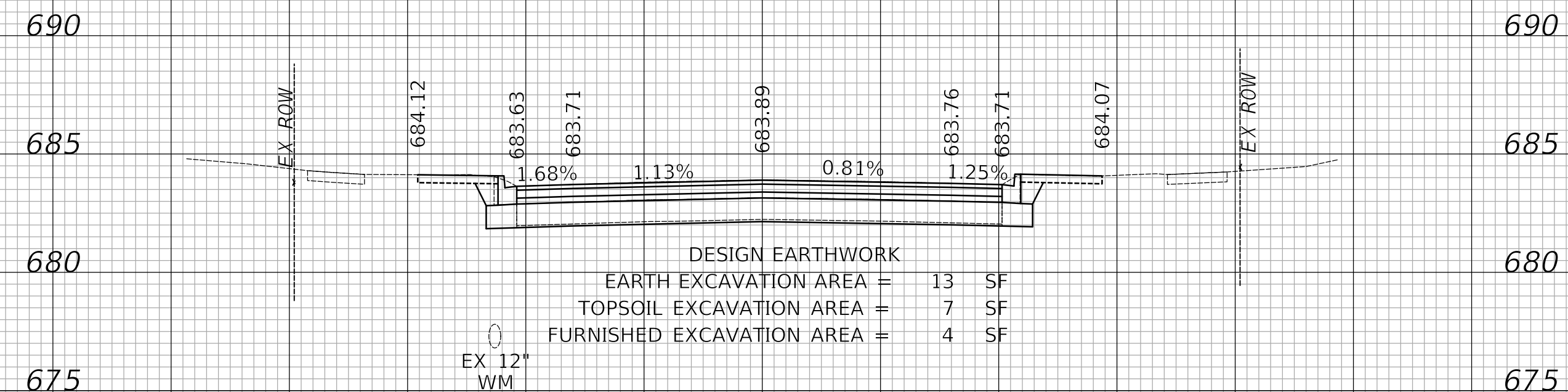
154 + 51.90



154 + 50



154 + 05.32



154 + 77
BACK ONLY

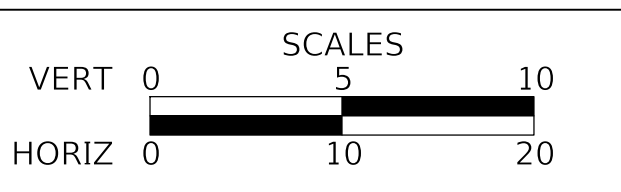
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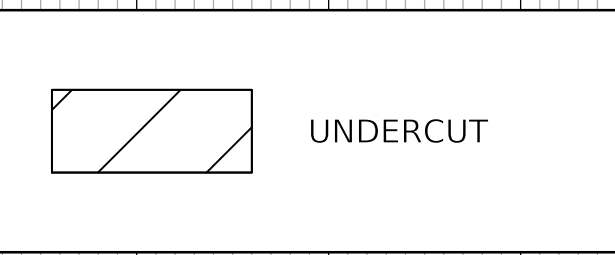
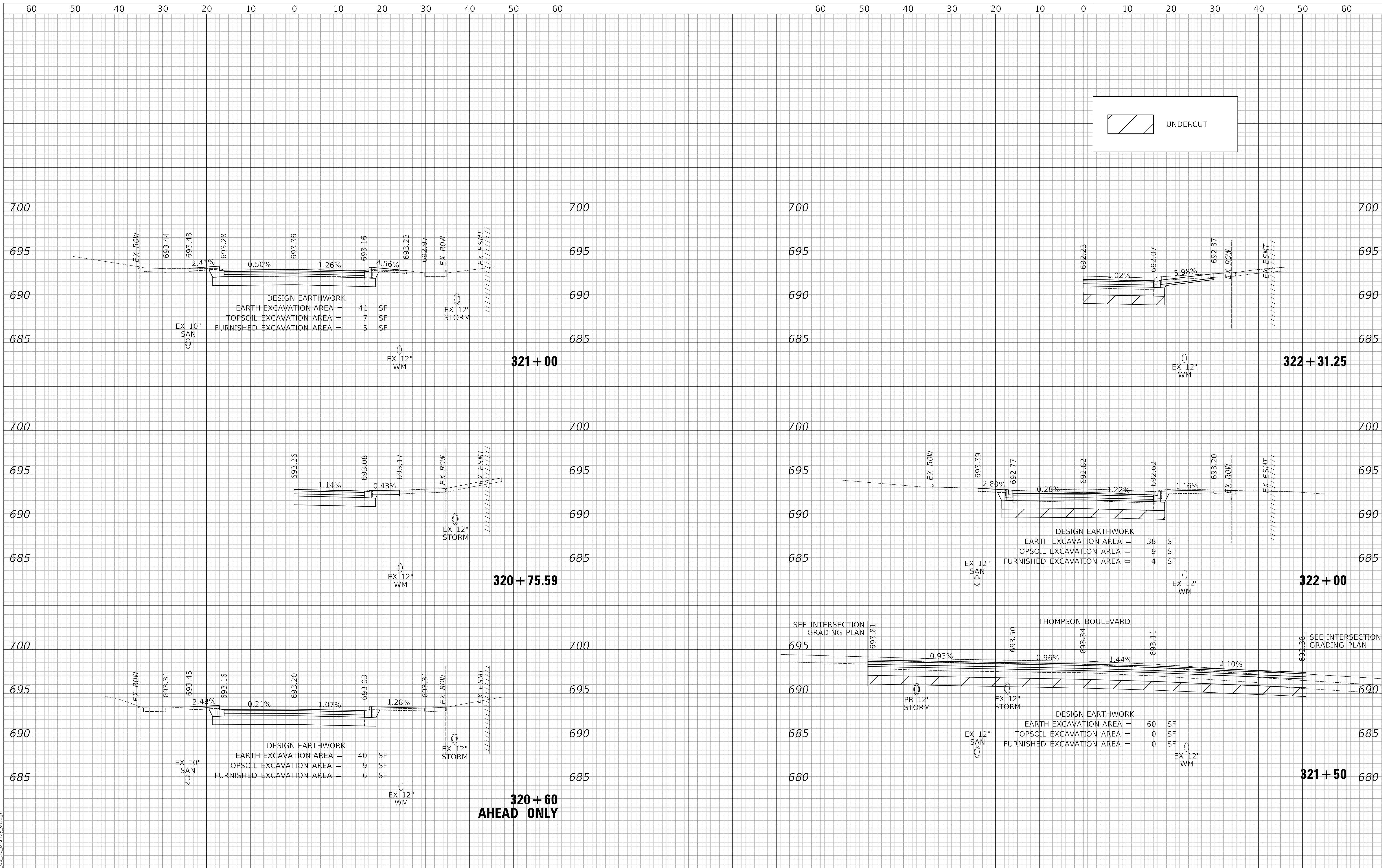


CROSS SECTIONS - THOMPSON BOULEVARD
SHEET 16 OF 16 SHEETS STA 154+05.32 TO STA 154+77

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	107
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADE CHECKED	
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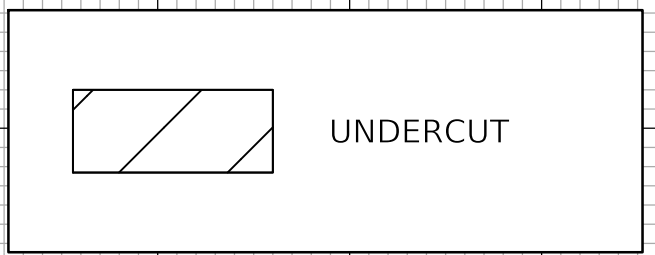
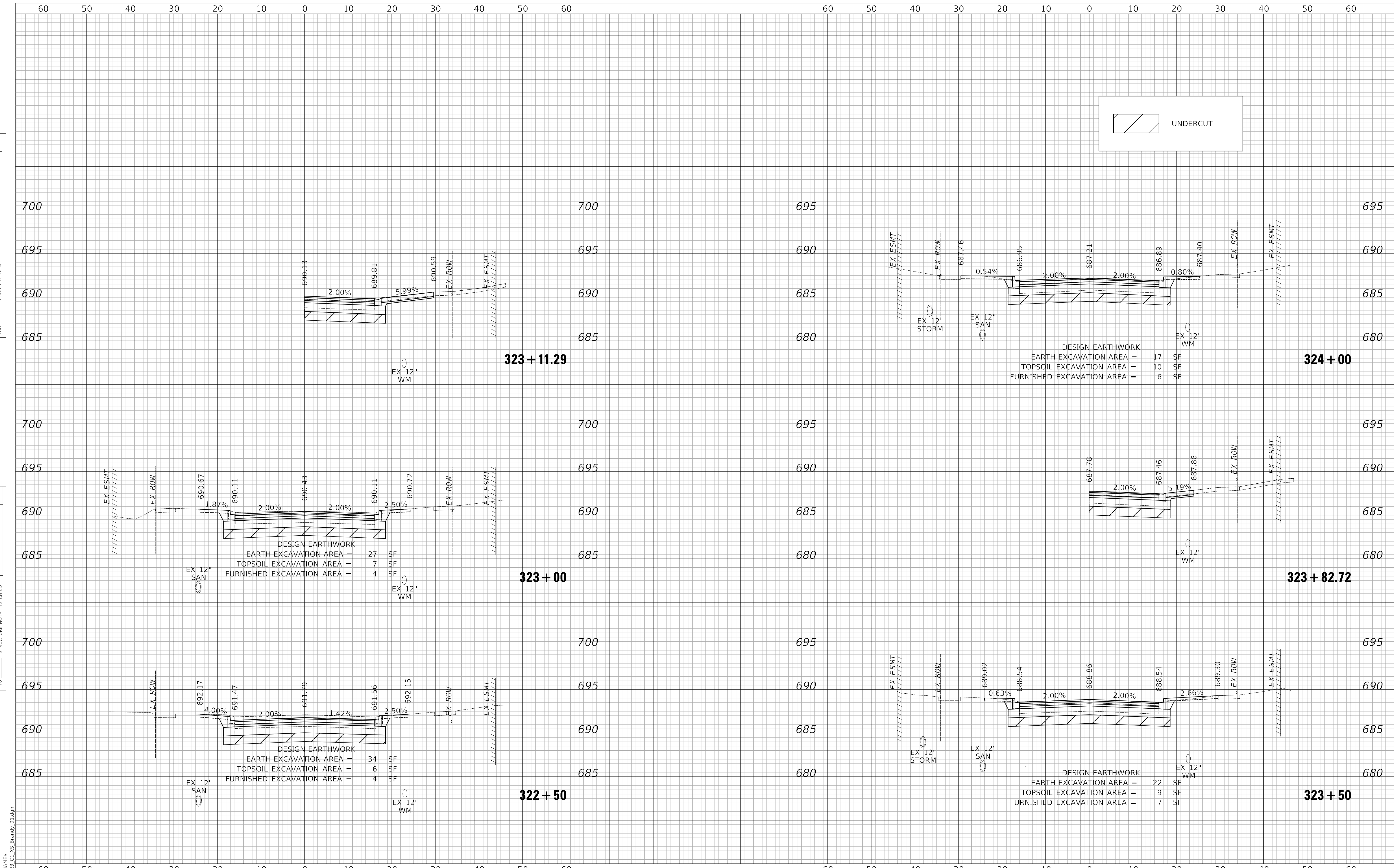
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
	NO.	



MODEL: SH06DELNAM05
FILE NAME: ...132323_C1_X5_Brandywyn_01.dgn

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADE CHECKED	
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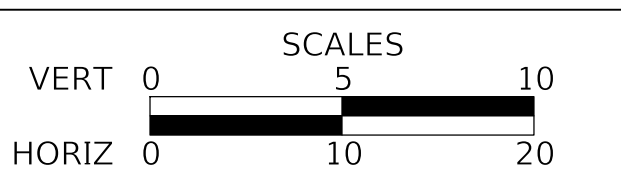
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
	NO.	



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CROSS SECTIONS - BRANDYWYN LANE

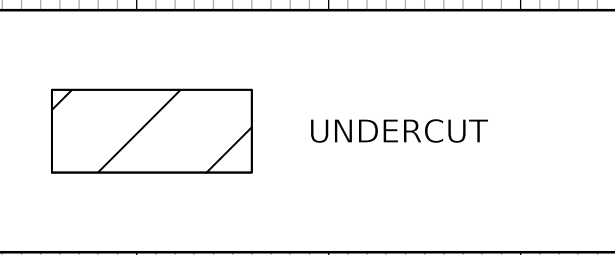
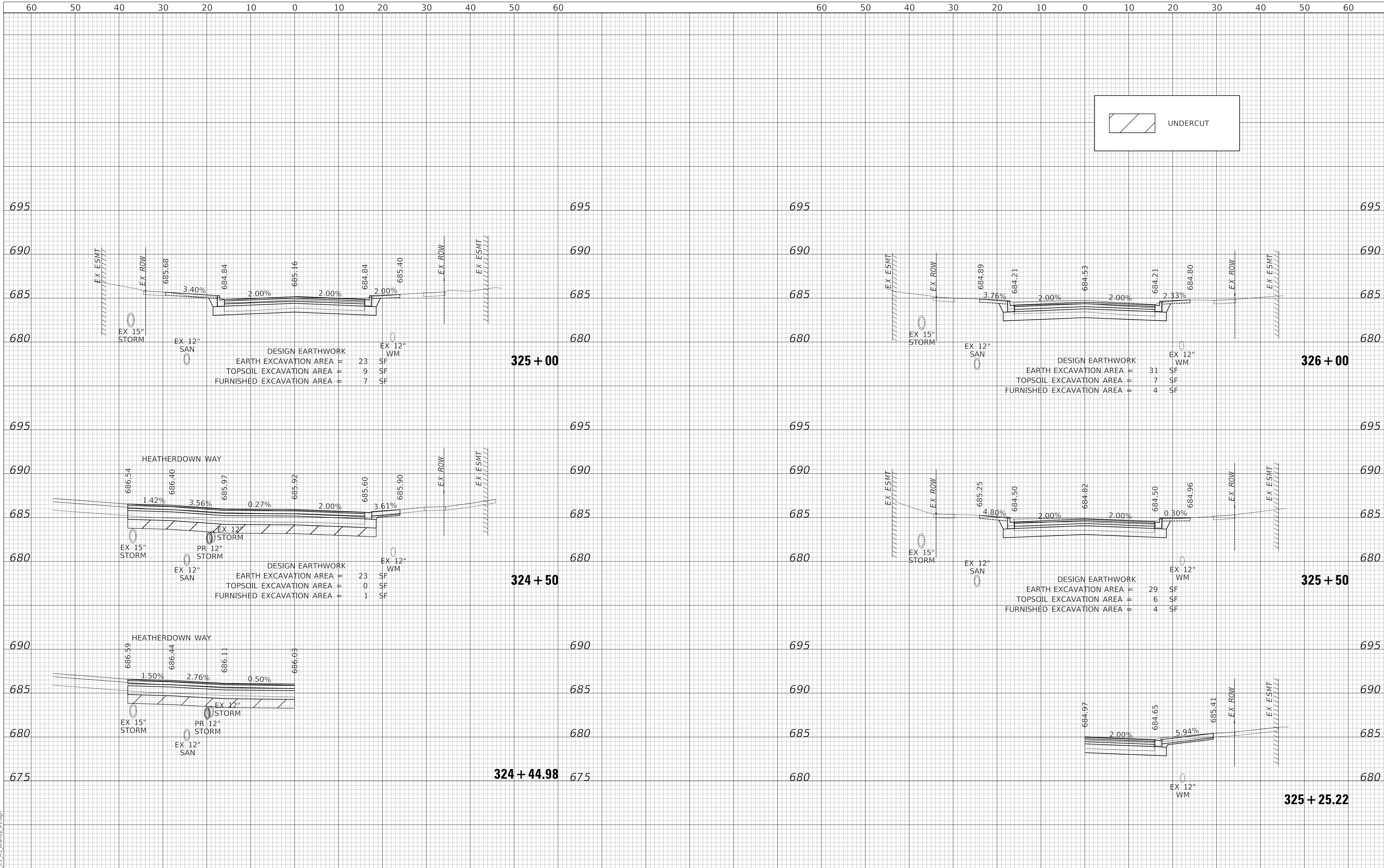
SHEET 2 OF 14 SHEETS STA 322+50 TO STA 324+00

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	109
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

MODEL: SPODELNAMEES
FILE NAME: ...132323_C1_X5_Brandywyn_01.dgn

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADE CHECKED	
	CADD FILE NAME	
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PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
	NO.	



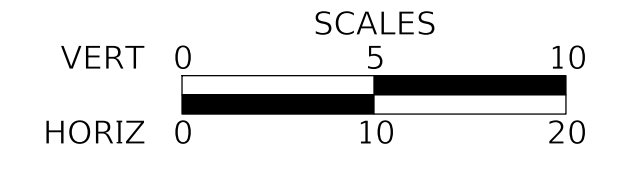
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FILE NAME: ...132323_C1_X5_Brandy 01.dgn



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CHECKED -	KRK	REVISED -	
DATE -	12/18/2019	REVISED -	

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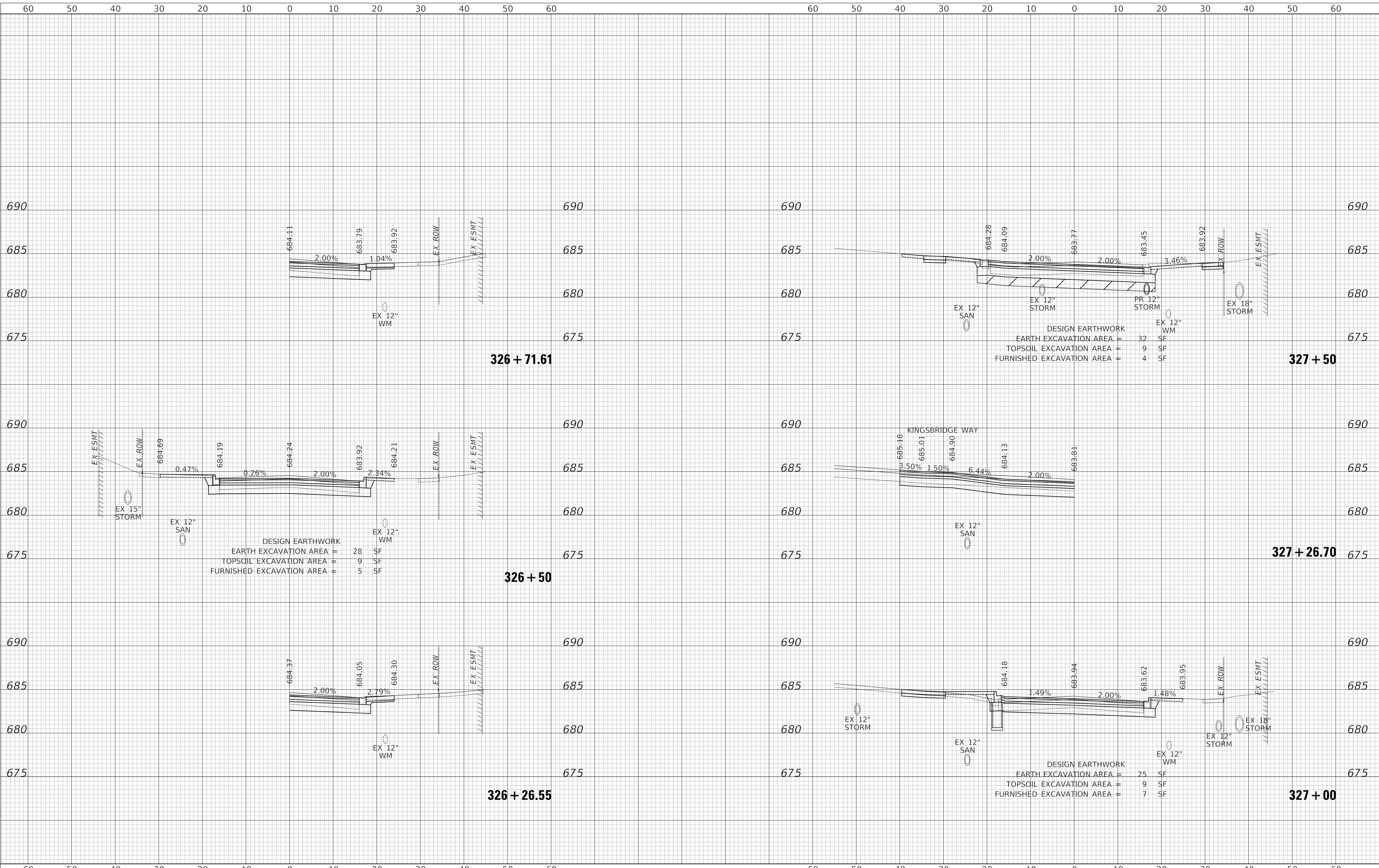
CROSS SECTIONS - BRANDYWYN LANE

SHEET 3 OF 14 SHEETS STA 324+44.98 TO STA 326+00

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-RS	LAKE	121	110
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADE CHECKED	
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PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
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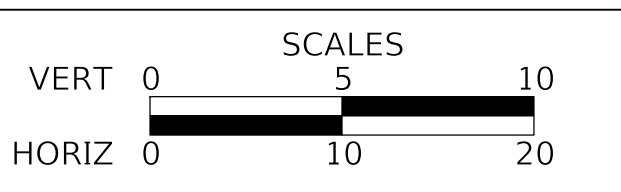
MODEL: SH06DELNAM05
FILE NAME: ...13232_C1_X5_Brandywyn_01.dgn



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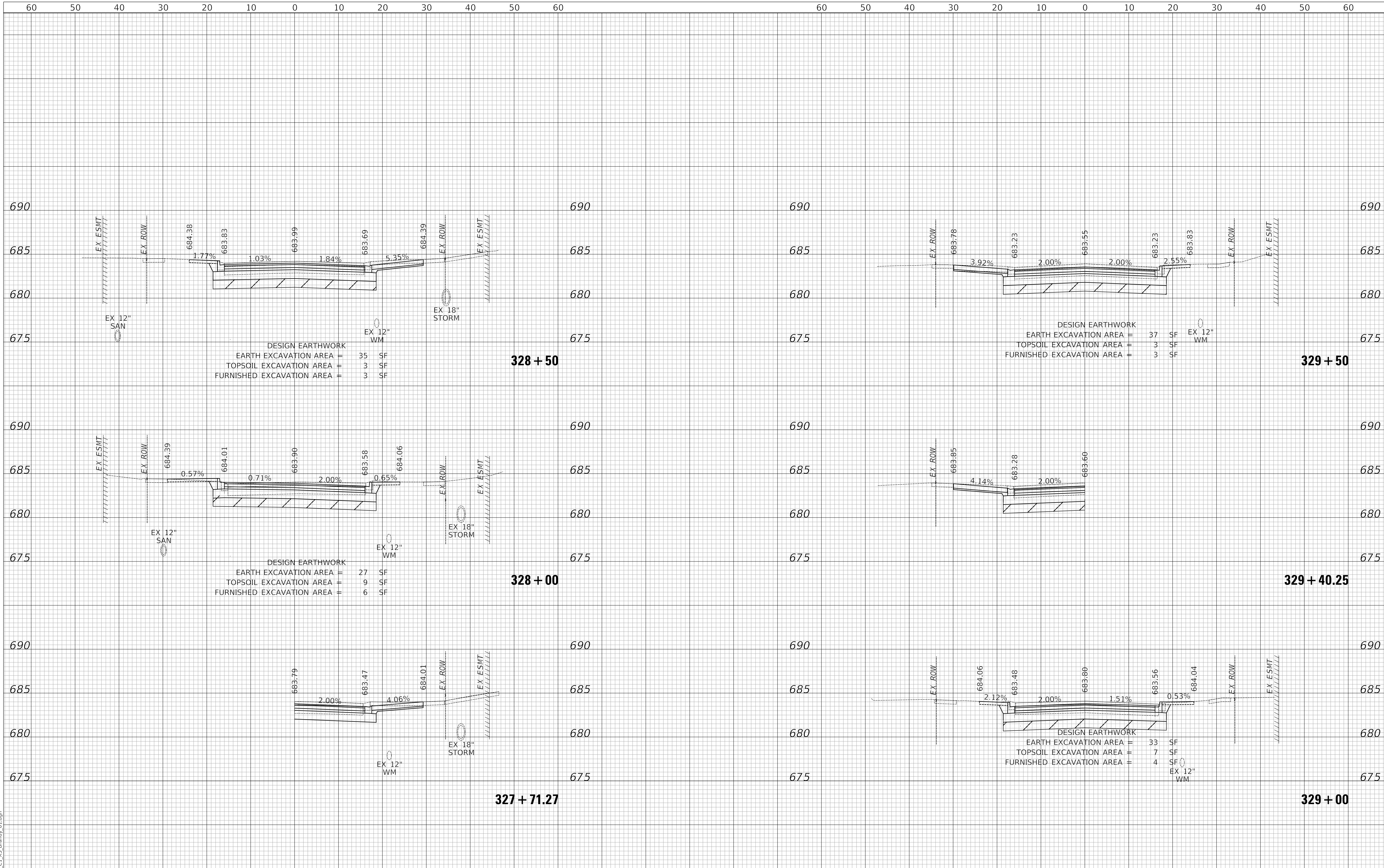
CROSS SECTIONS - BRANDYWYN LANE

SHEET 4 OF 14 SHEETS STA 326+26.55 TO STA 327+50

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	111
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADE CHECKED	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
	NO.	



MODEL: SH06DELNAME5
FILE NAME: ...132323_C1_X5_Brandywyn_01.dgn



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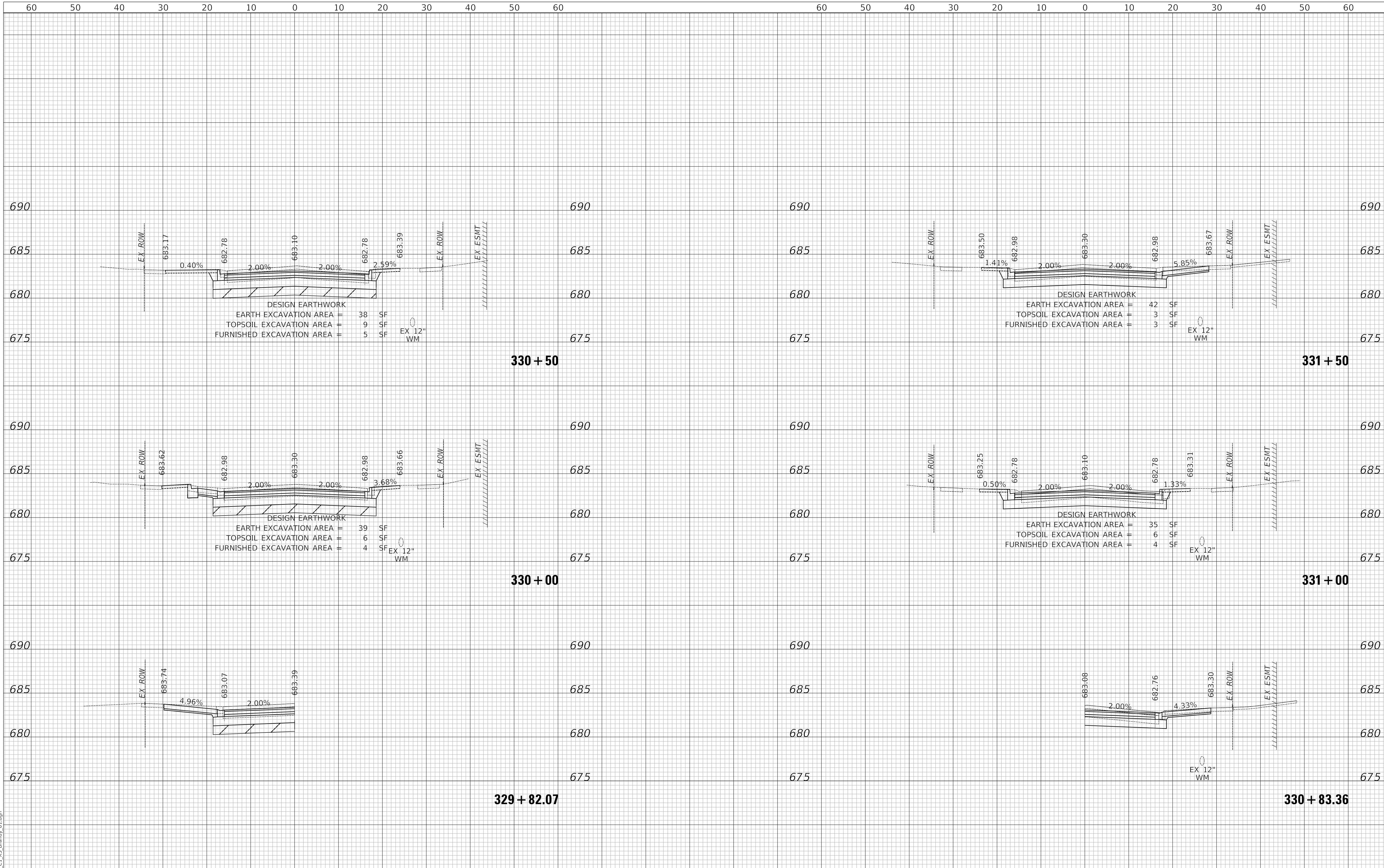
CROSS SECTIONS - BRANDYWYN LANE

SHEET 5 OF 14 SHEETS STA 327+71.27 TO STA 329+50

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	112
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADE FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATION	
	NO.	



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FILE NAME: ...13232_C1_X5_Brandywyn_01.dgn



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CHECKED	-	KRK	REVISED	-
DATE	-	12/18/2019	REVISED	-

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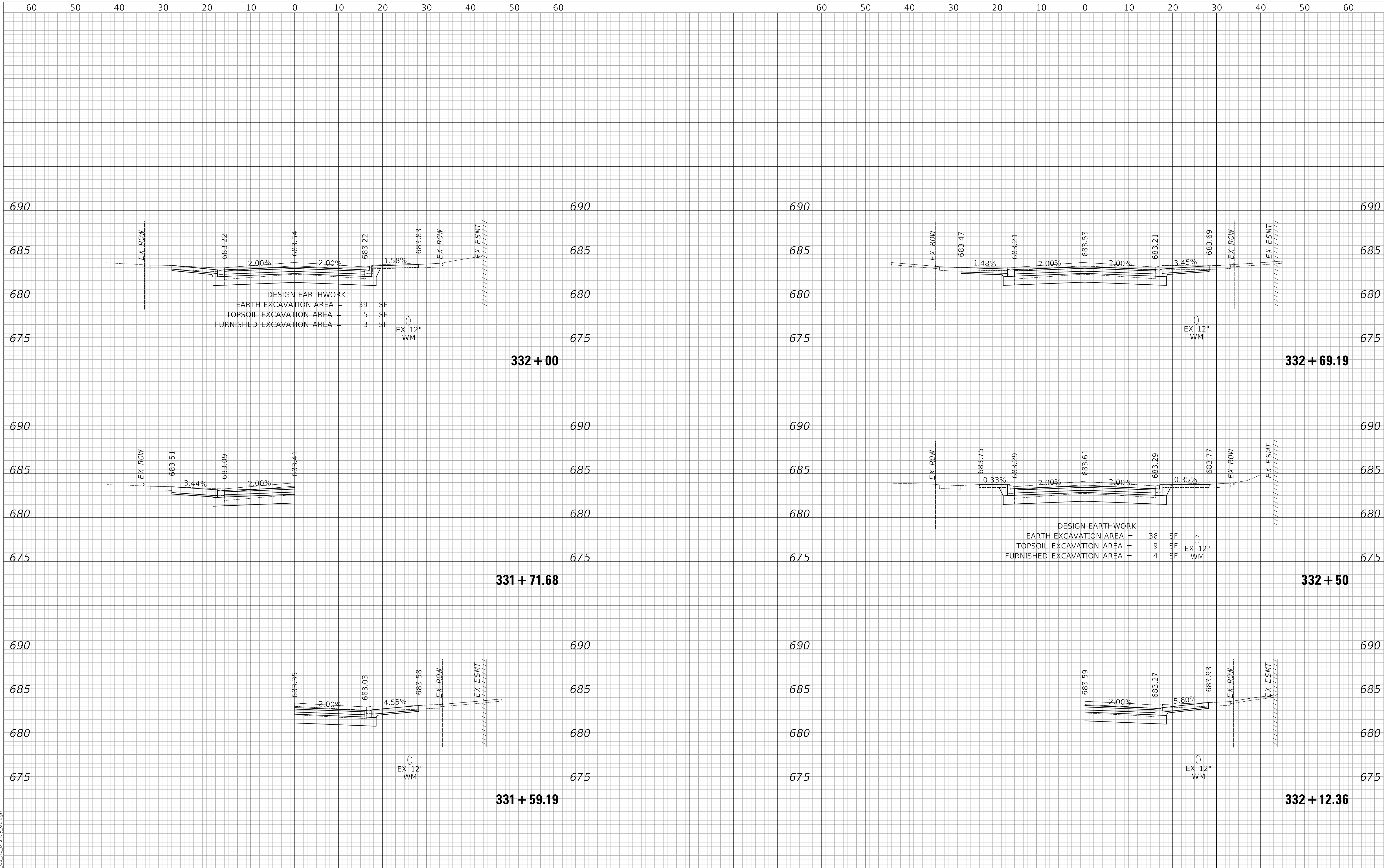
CROSS SECTIONS - BRANDYWYN LANE

SHEET 6 OF 14 SHEETS STA 329+82.07 TO STA 331+50

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	113
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
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	ALIGNMENT CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	NOTE BOOK NO.	
	STRUCTURE NOTATION	



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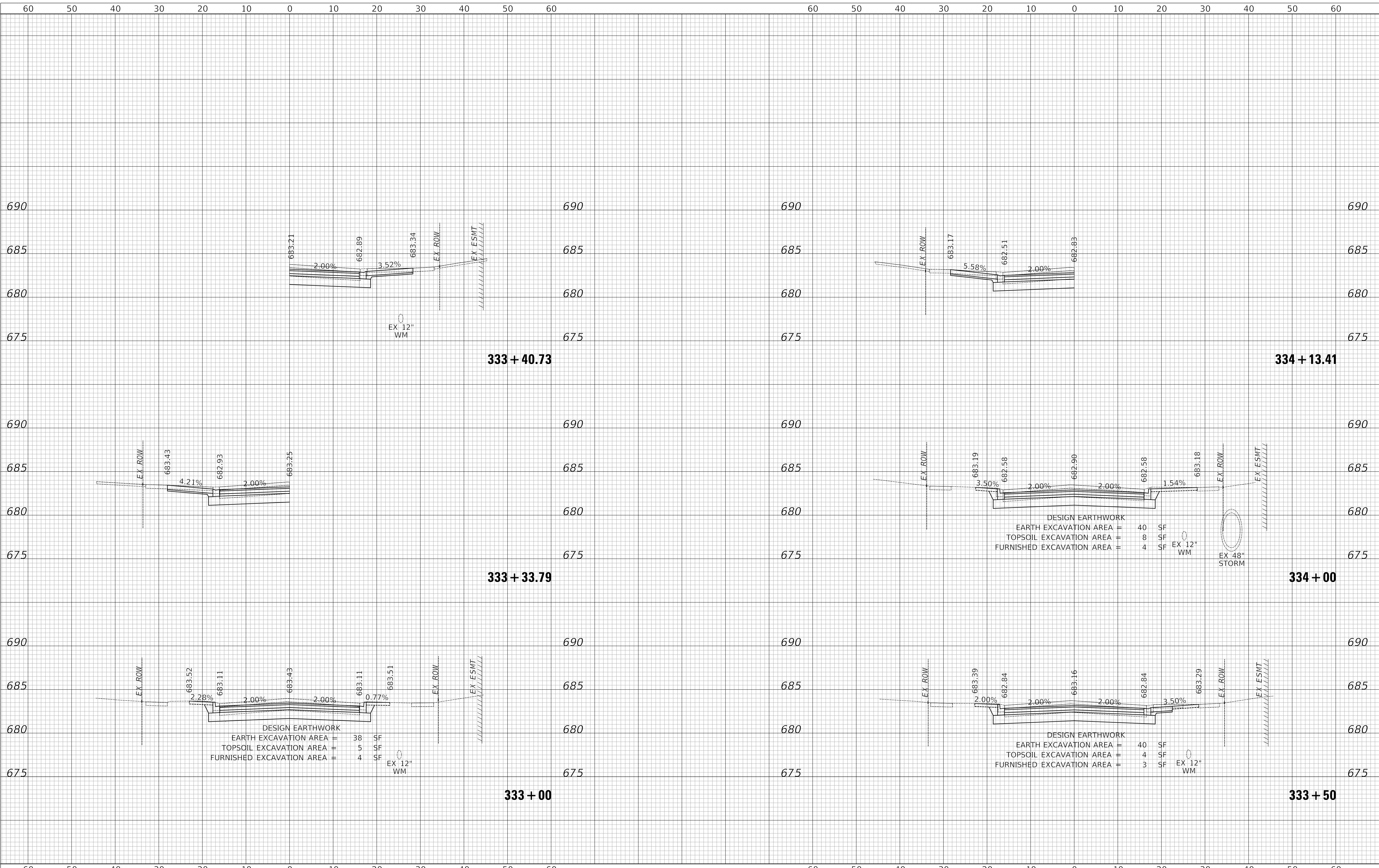
CROSS SECTIONS - BRANDYWYN LANE

SHEET 7 OF 14 SHEETS STA 331+59.19 TO STA 332+69.19

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	114
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
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	NOTE BOOK	
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PROFILE	SURVEYED	DATE
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	NOTE BOOK	
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	STRUCTURE NOTATION	



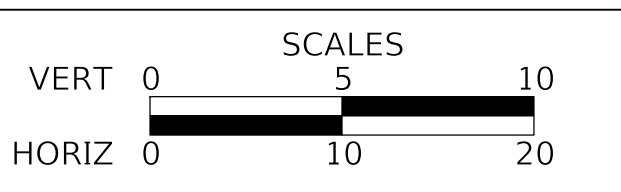
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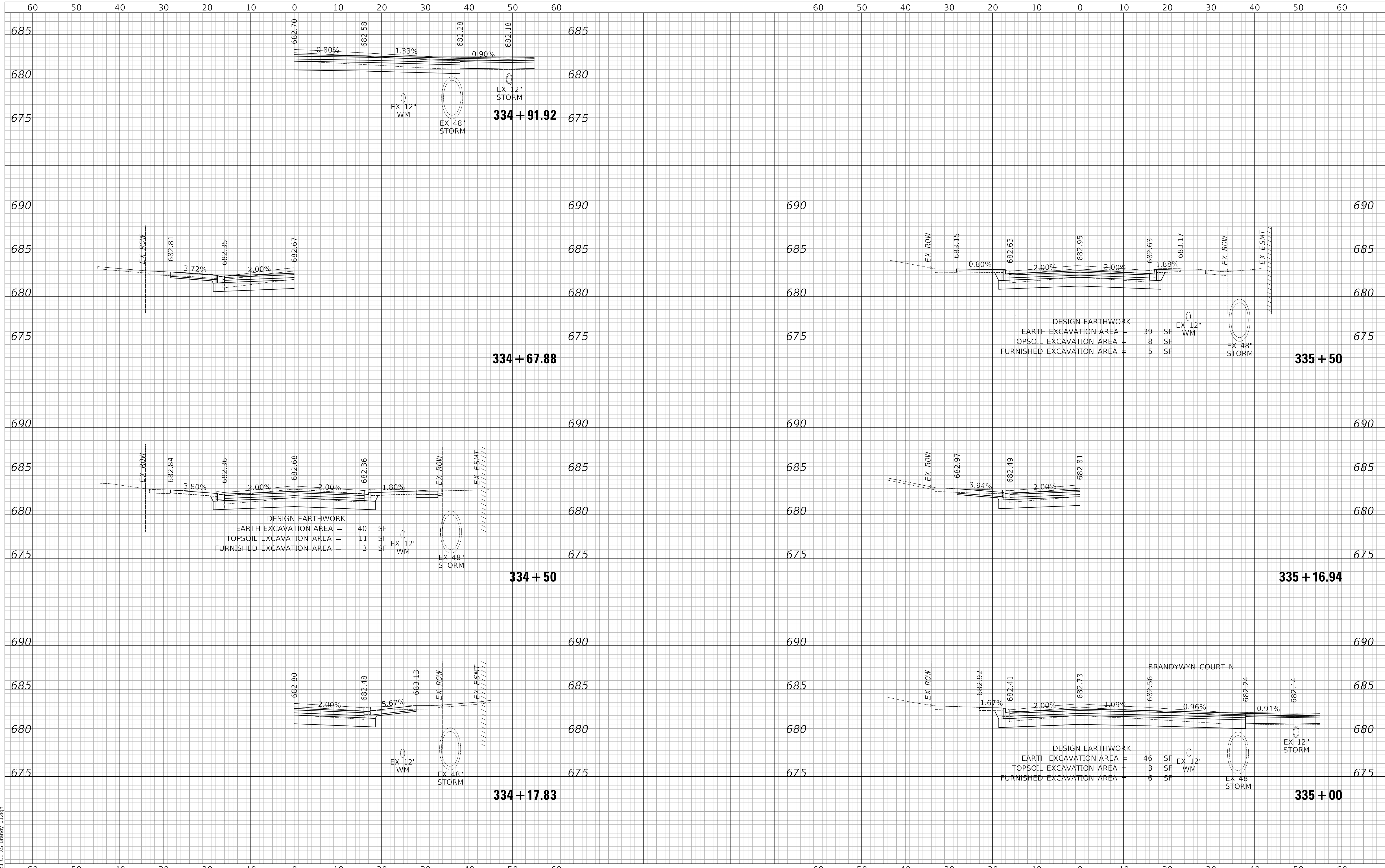
CROSS SECTIONS - BRANDYWYN LANE

SHEET 8 OF 14 SHEETS STA 333+00 TO STA 334+13.41

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	115
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
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	ALIGNMENT CHECKED	
	GRADE CHECKED	
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PROFILE	SURVEYED	DATE
	PLOTTED	BY
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	NO.	



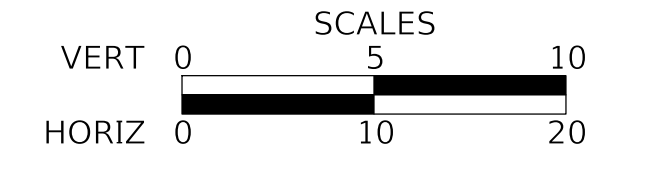
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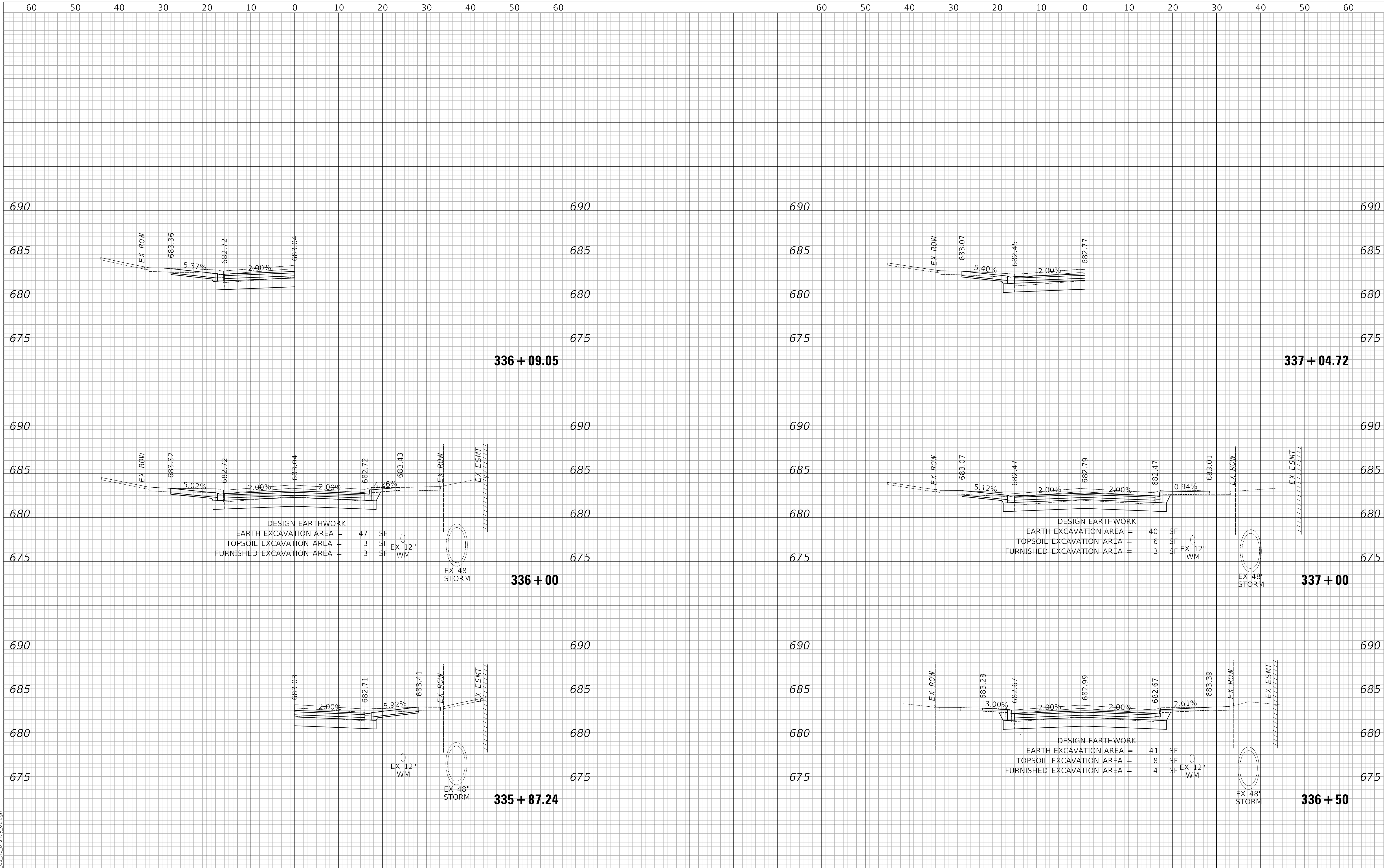
CROSS SECTIONS - BRANDYWYN LANE

SHEET 9 OF 14 SHEETS STA 334+17.83 TO STA 335+50

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	116
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
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	NOTE BOOK NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATION	
	NOTE BOOK NO.	



DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	47	SF
TOPSOIL EXCAVATION AREA	=	3	SF
FURNISHED EXCAVATION AREA	=	3	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	40	SF
TOPSOIL EXCAVATION AREA	=	6	SF
FURNISHED EXCAVATION AREA	=	3	SF

DESIGN EARTHWORK

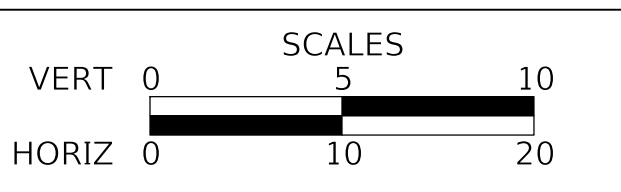
EARTH EXCAVATION AREA	=	41	SF
TOPSOIL EXCAVATION AREA	=	8	SF
FURNISHED EXCAVATION AREA	=	4	SF

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FILE NAME: ...13232_C1_X5_Brandy_01.dgn

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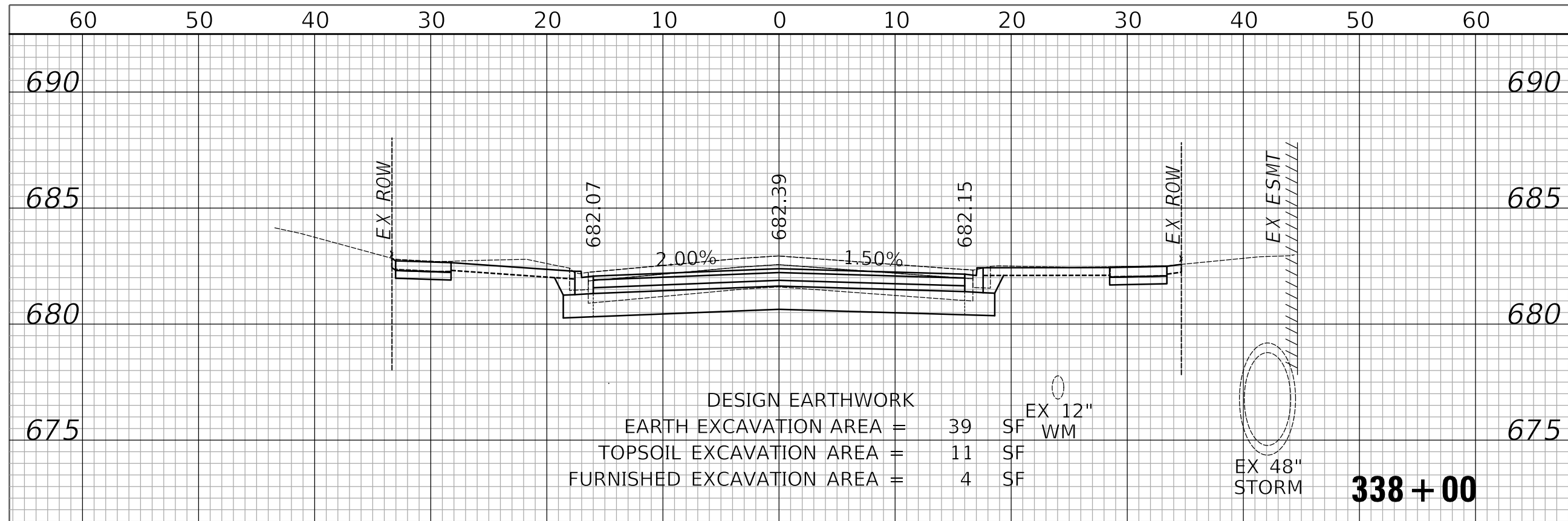
CROSS SECTIONS - BRANDYWYN LANE

SHEET 10 OF 14 SHEETS STA 335+87.24 TO STA 337+04.72

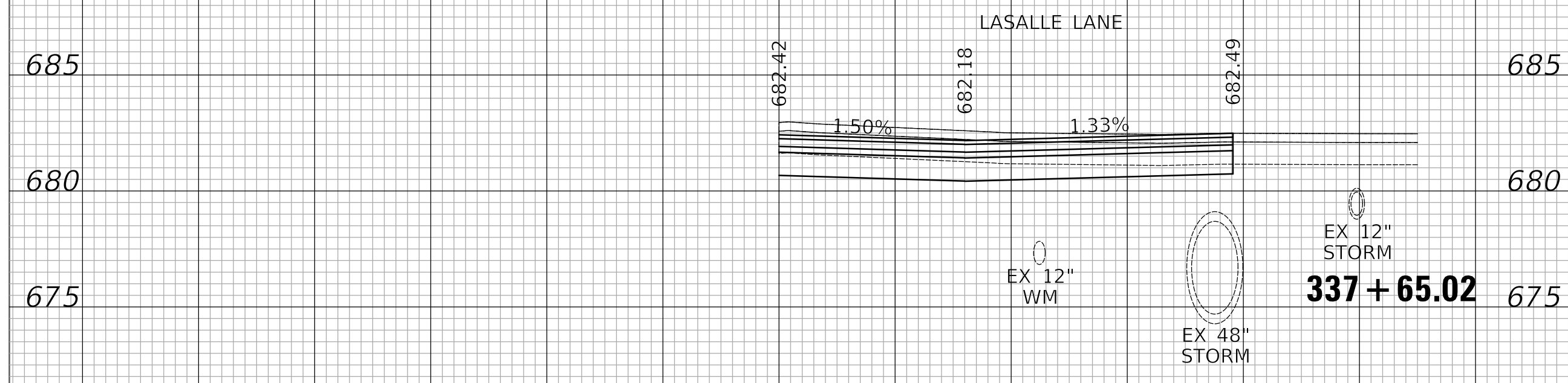
FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	117
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
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	CADD FILE NAME	
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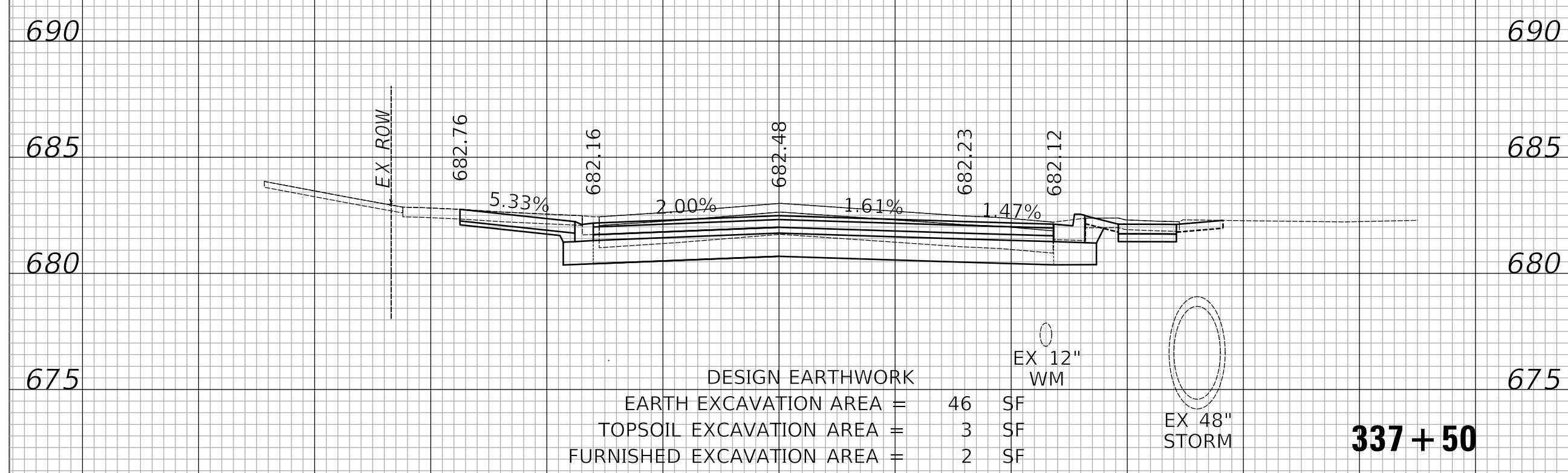
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
	NO.	



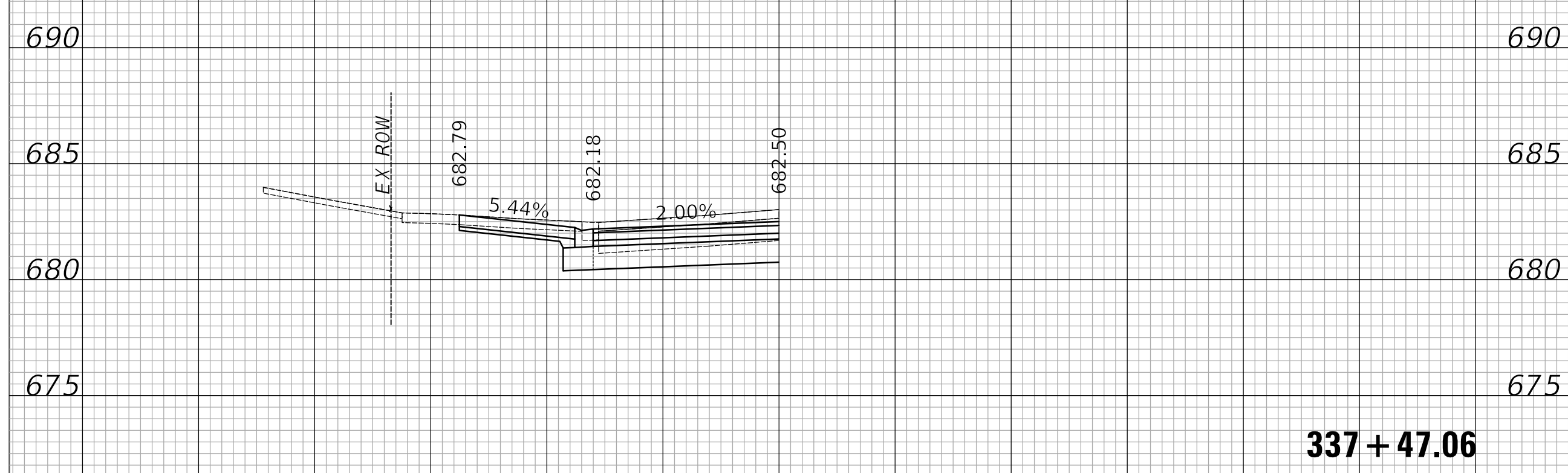
DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 39 SF EX 12" WM
 TOPSOIL EXCAVATION AREA = 11 SF
 FURNISHED EXCAVATION AREA = 4 SF
 EX 48" STORM



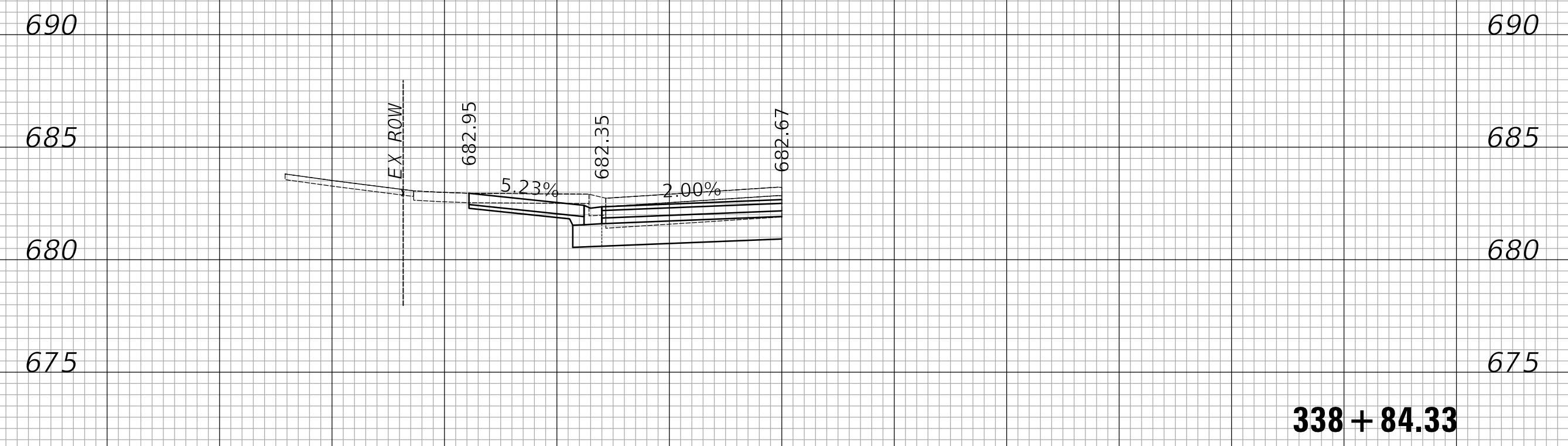
LASALLE LANE
 EX 12" WM
 EX 48" STORM



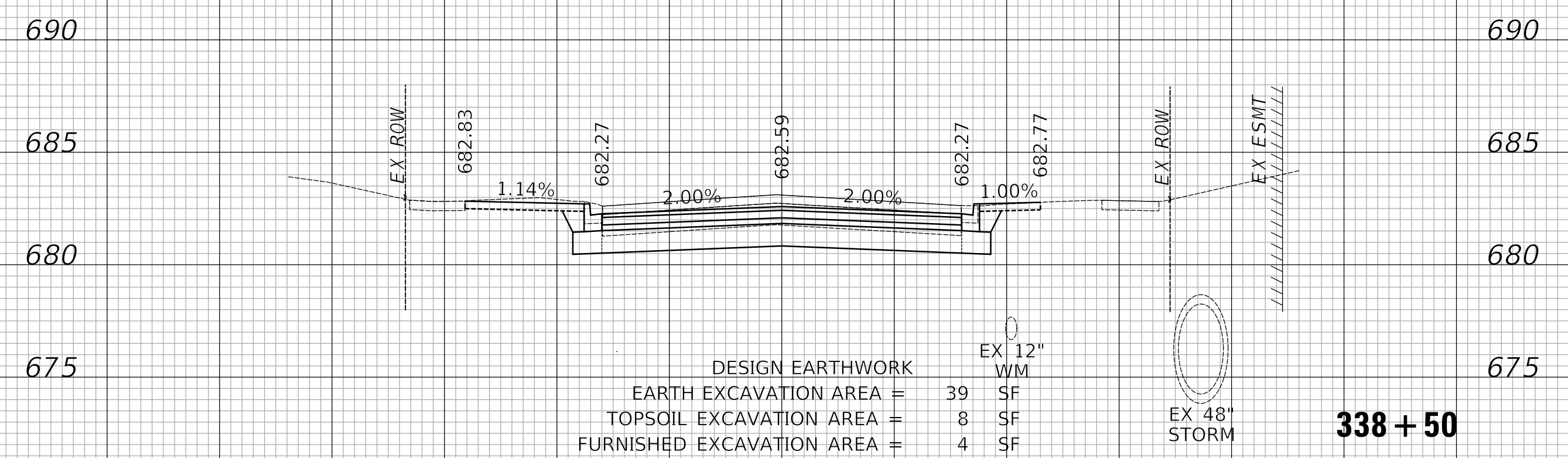
DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 46 SF EX 12" WM
 TOPSOIL EXCAVATION AREA = 3 SF
 FURNISHED EXCAVATION AREA = 2 SF
 EX 48" STORM



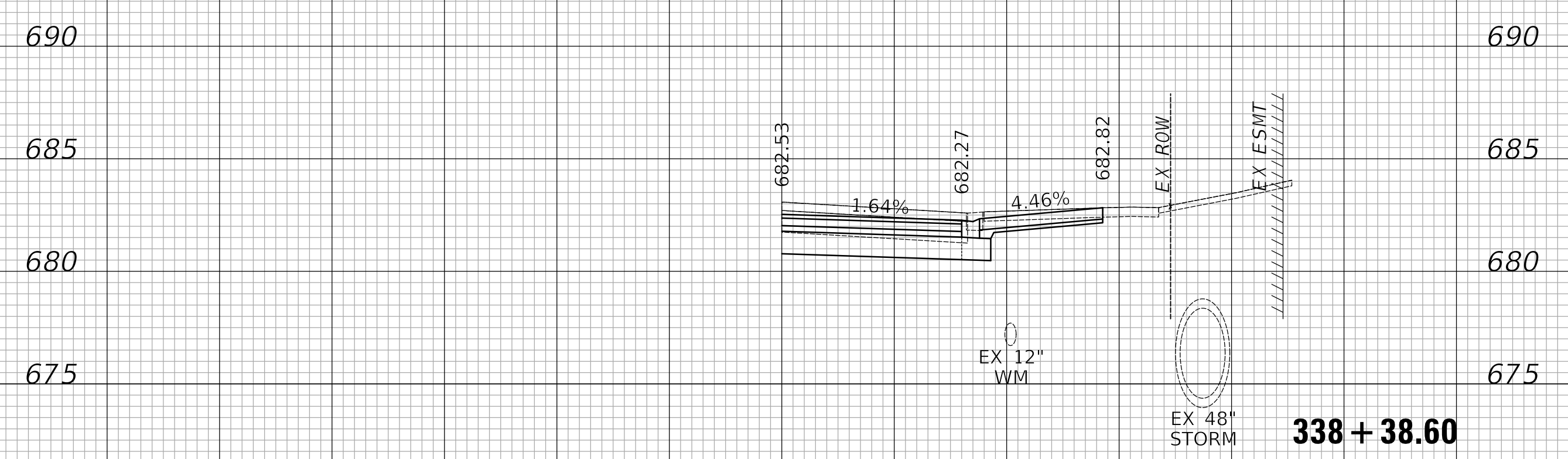
337 + 47.06



338 + 84.33



DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 39 SF EX 12" WM
 TOPSOIL EXCAVATION AREA = 8 SF
 FURNISHED EXCAVATION AREA = 4 SF
 EX 48" STORM



338 + 38.60

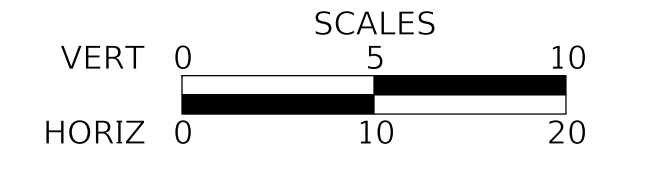
MODEL: SPODELNAME\$
 FILE NAME: ...13232_C1_X5_Brandy_01.dgn



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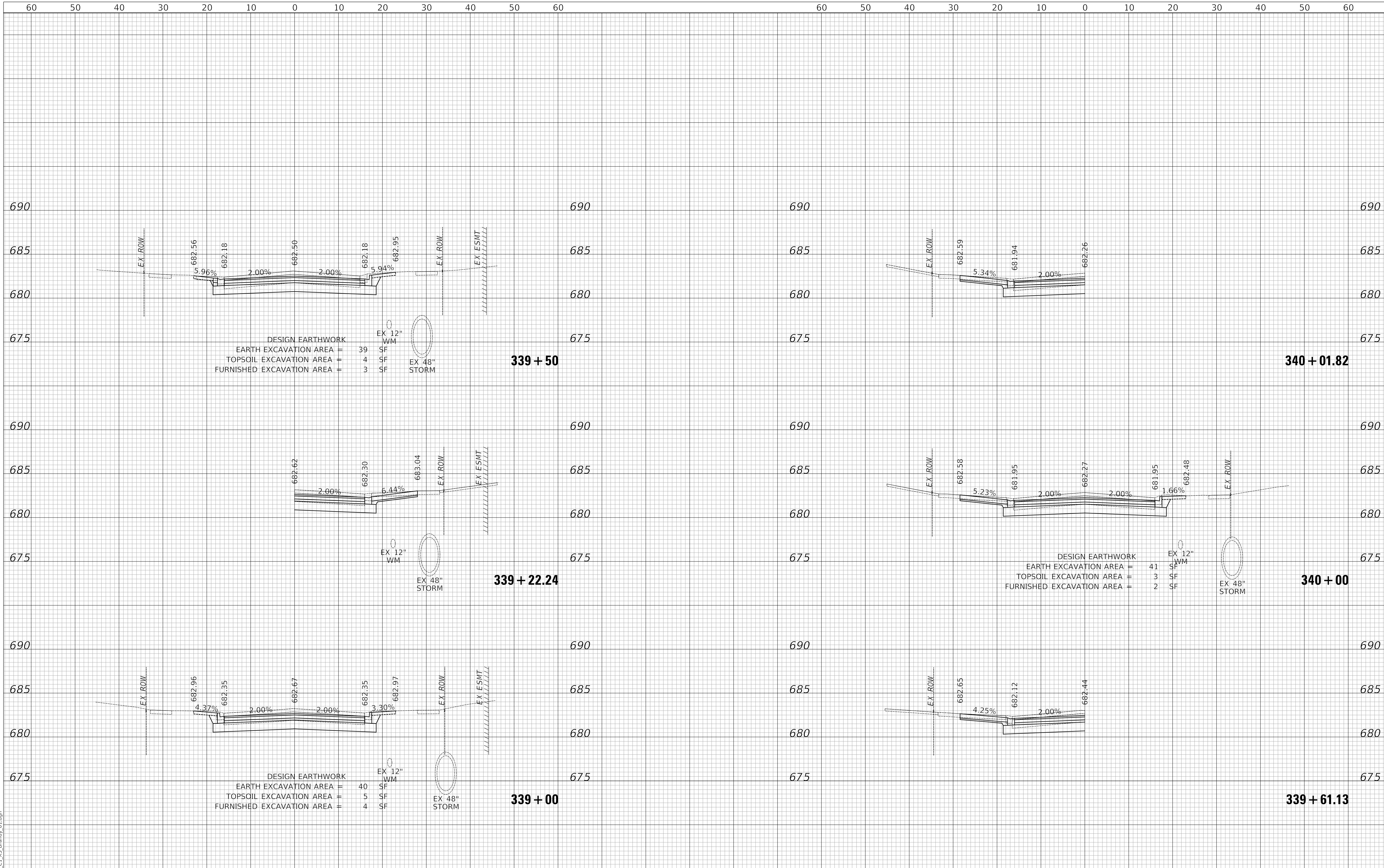
CROSS SECTIONS - BRANDYWYN LANE

SHEET 11 OF 14 SHEETS STA 337+47.06 TO STA 338+84.33

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	118
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
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	ALIGNMENT CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	NOTE BOOK NO.	
	STRUCTURE NOTATION	



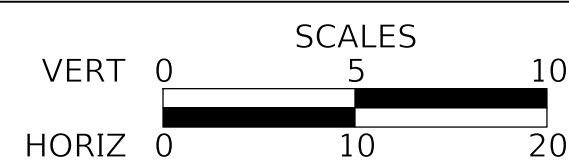
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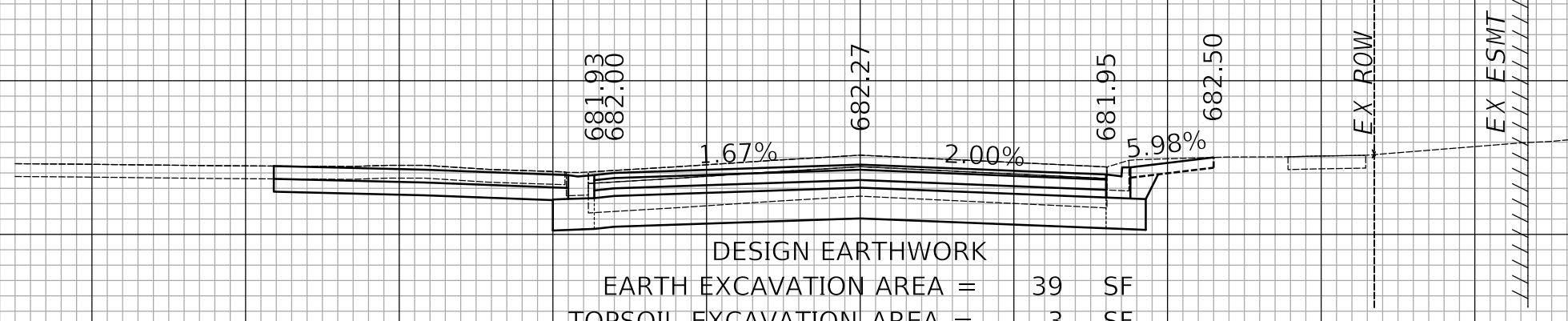
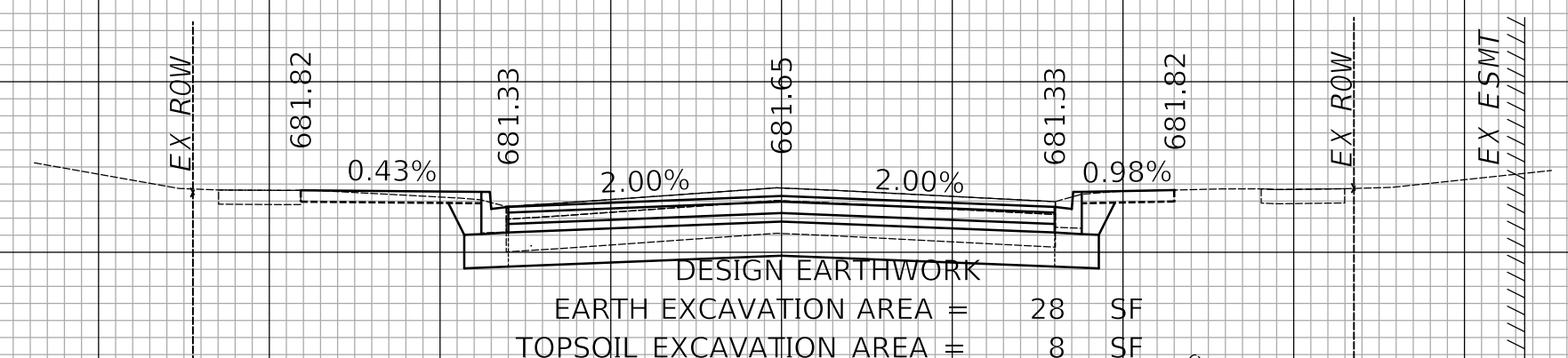
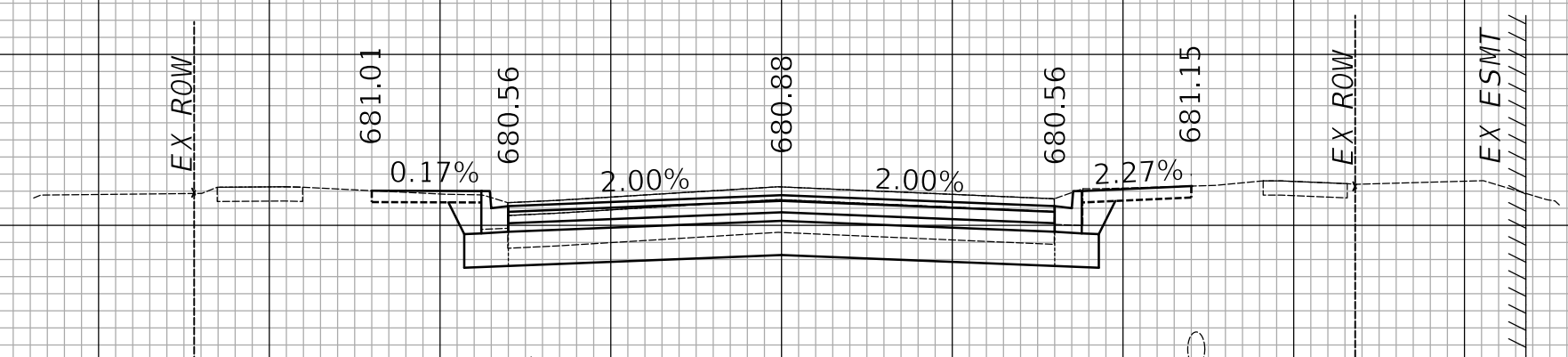
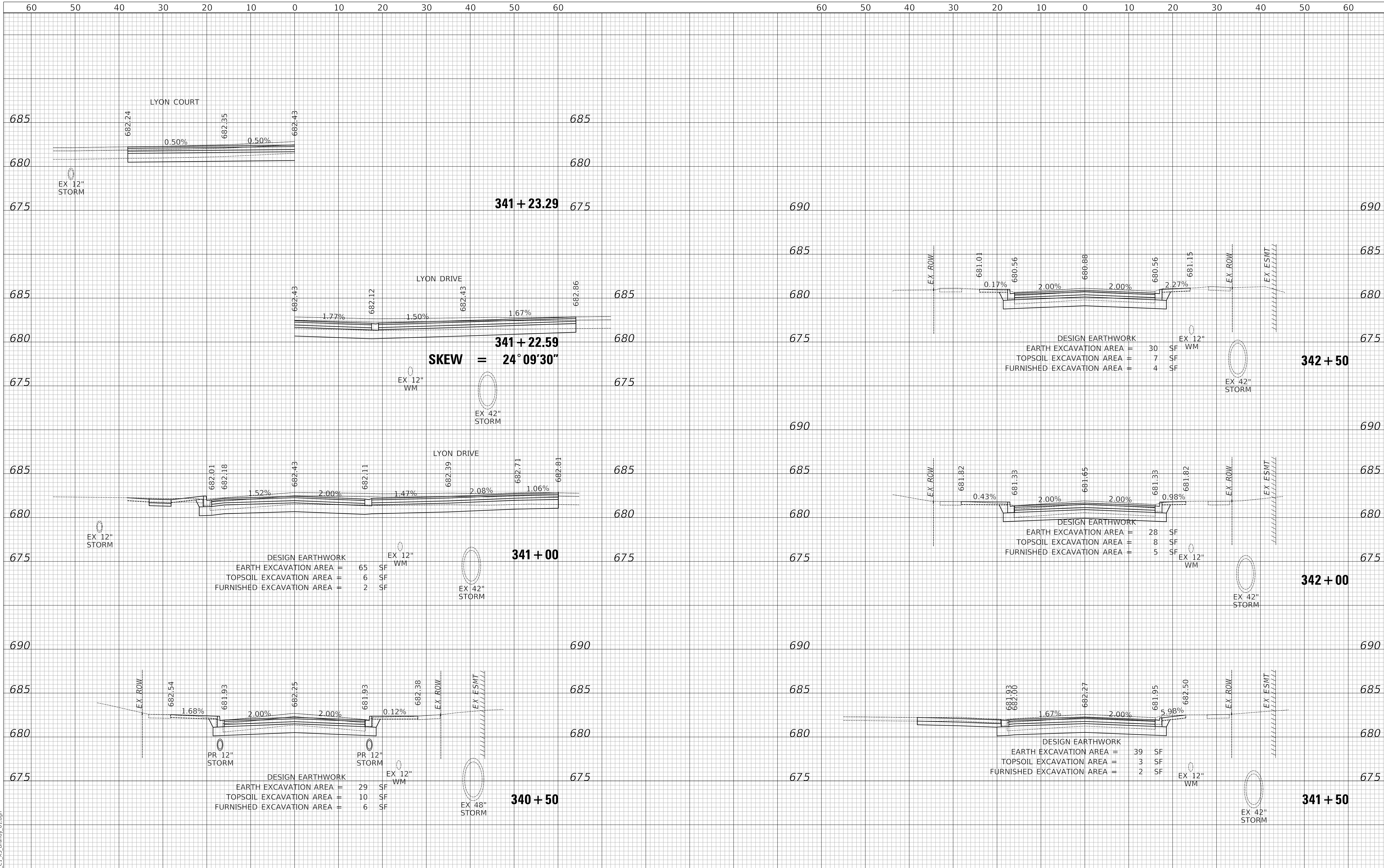
CROSS SECTIONS - BRANDYWYN LANE

SHEET 12 OF 14 SHEETS STA 339+00 TO STA 340+01.82

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	119
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADE CHECKED	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATION	
	NO.	



DESIGN EARTHWORK	
EARTH EXCAVATION AREA	= 65 SF
TOPSOIL EXCAVATION AREA	= 6 SF
FURNISHED EXCAVATION AREA	= 2 SF

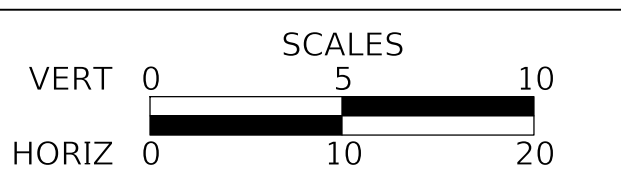
DESIGN EARTHWORK	
EARTH EXCAVATION AREA	= 29 SF
TOPSOIL EXCAVATION AREA	= 10 SF
FURNISHED EXCAVATION AREA	= 6 SF



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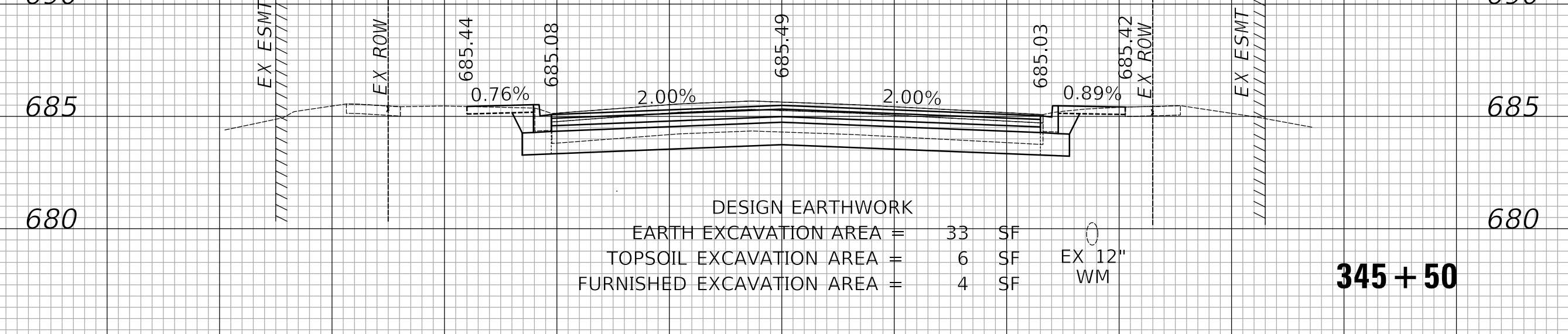
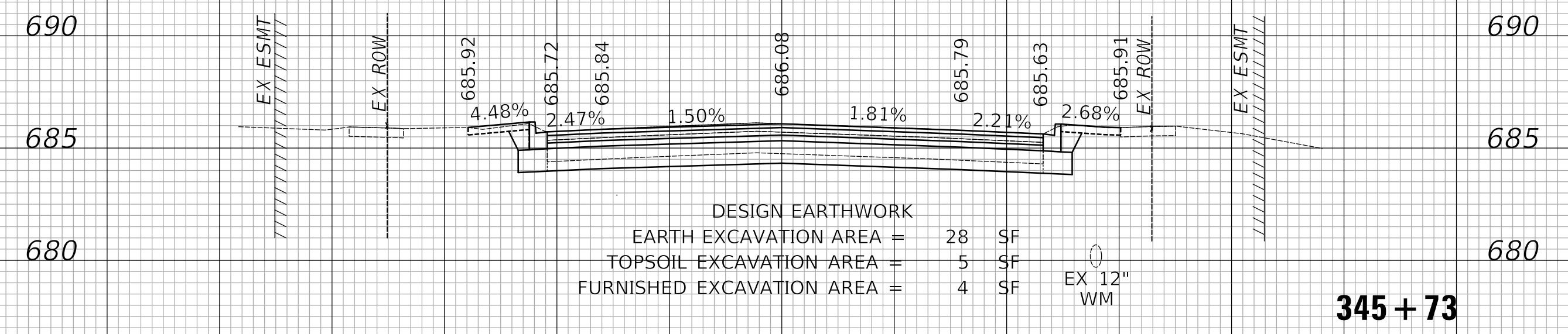
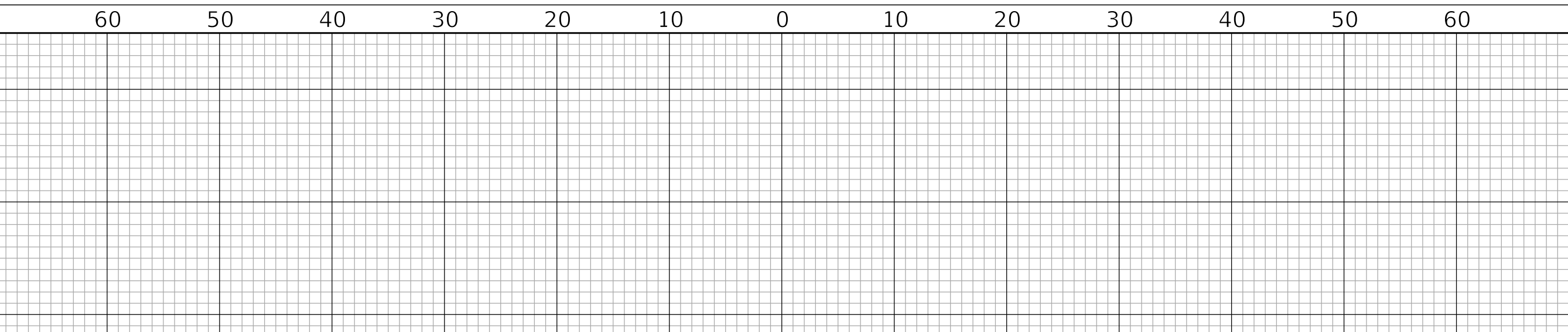
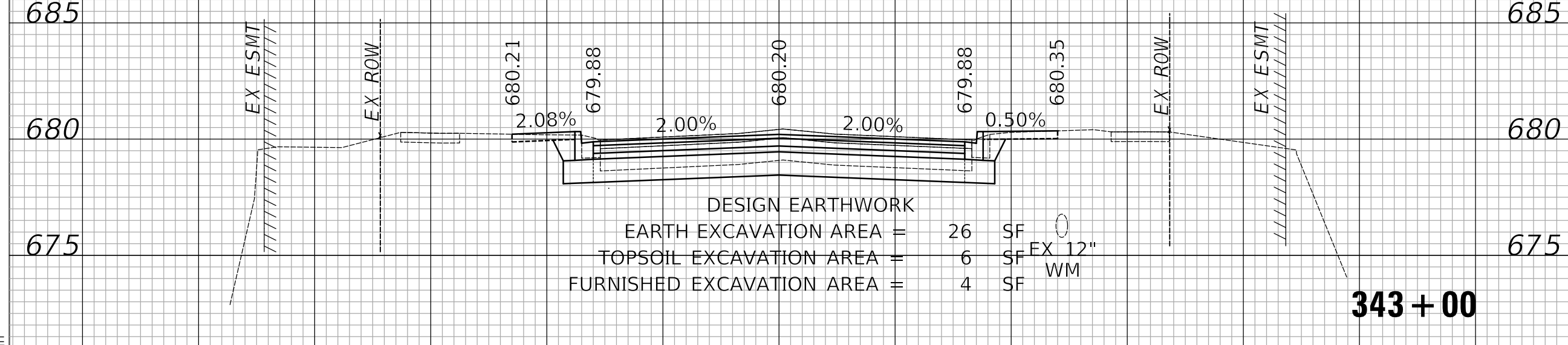
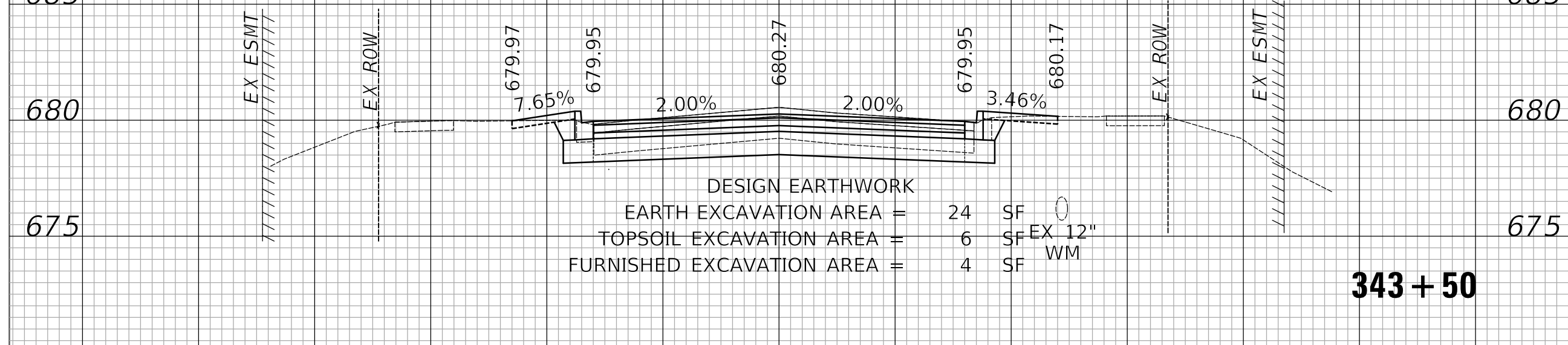
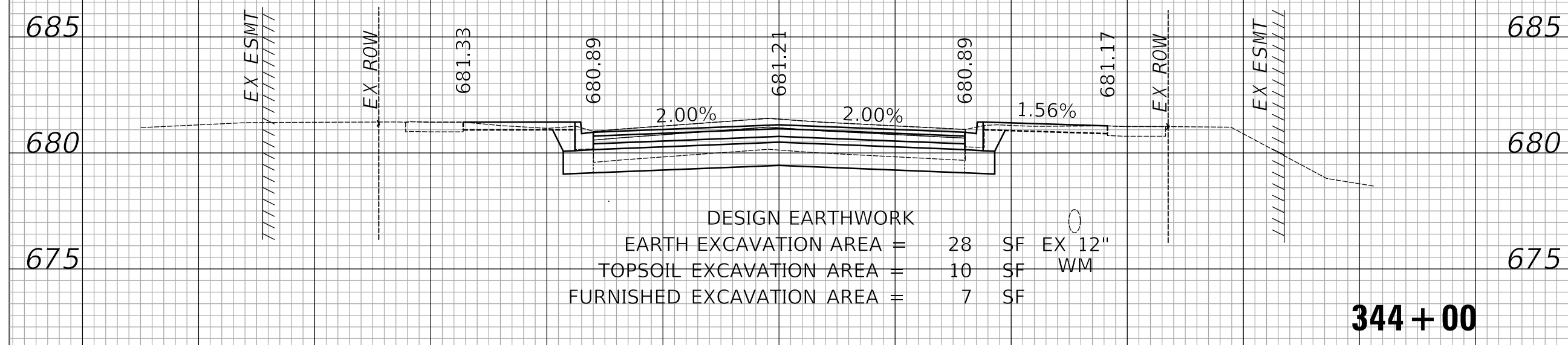
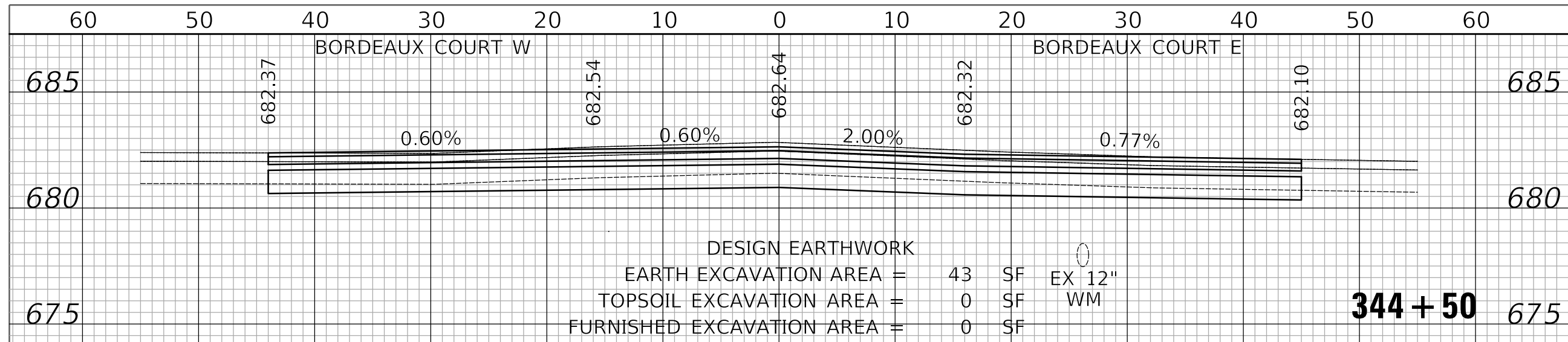
CROSS SECTIONS - BRANDYWYN LANE
SHEET 13 OF 14 SHEETS STA 340+50 TO STA 342+50

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	120
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				

MODEL: SH06DELNAME5
FILE NAME: ...13232_C1_X5_Brandywyn_01.dgn

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADE CHECKED	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
	NO.	



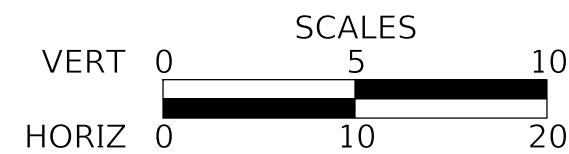
MODEL: SH06DELNAM05
FILE NAME: ...132323_C1_X5_Brandy 01.dgn



Two Pierce Place, Suite 1400
Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

DESIGNED	-	TGB	REVISED	-
DRAWN	-	JRR	REVISED	-
CHECKED	-	KRK	REVISED	-
DATE	-	12/18/2019	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



CROSS SECTIONS - BRANDYWYN LANE

SHEET 14 OF 14 SHEETS STA 343+00 TO STA 345+73

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
3260 2060	16-00106-01-R5	LAKE	121	121
CONTRACT NO 61G31				
ILLINOIS FED AID PROJECT				