

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-RS	LAKE	122	1
CONTRACT NO 61H45				

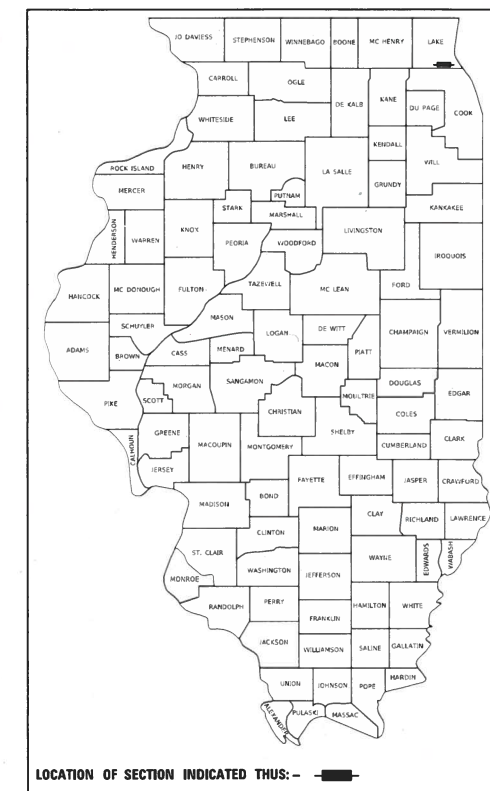
03/11/2022 Letting Item 097

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

MUN ROUTE 3260 THOMPSON BOULEVARD  
ARLINGTON HEIGHTS RD TO BRANDYWYN LN

MUN ROUTE 2060 BRANDYWYN LANE  
DEERFIELD PKWY TO THOMPSON BLVD

SECTION 16-00106-03-RS  
PROJECT NO. 1R7K(549)  
RECONSTRUCTION AND RESURFACING PROJECT  
VILLAGE OF BUFFALO GROVE  
LAKE COUNTY  
C-91-092-20



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

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

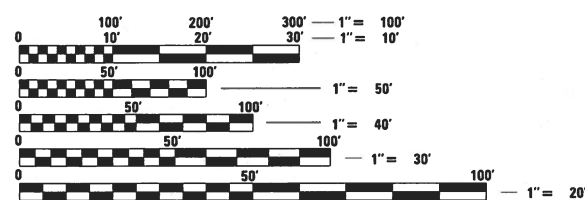
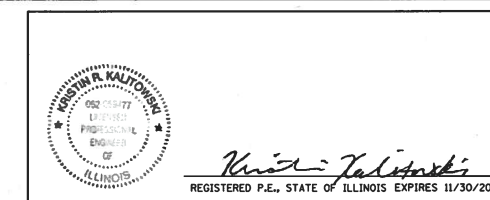
**BRANDYWYN LANE**  
DESIGN DESIGNATION = MINOR COLLECTOR  
DESIGN SPEED = 25 MPH  
POSTED SPEED = 25 MPH  
SCHOOL ZONE = 20 MPH (PRAIRIE ELEMENTARY)  
DESIGN YEAR = 2040  
ADT = 1,500 - 3,500 (2040)

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

APPROVED October 4 2021  
*[Signature]*  
VILLAGE OF BUFFALO GROVE

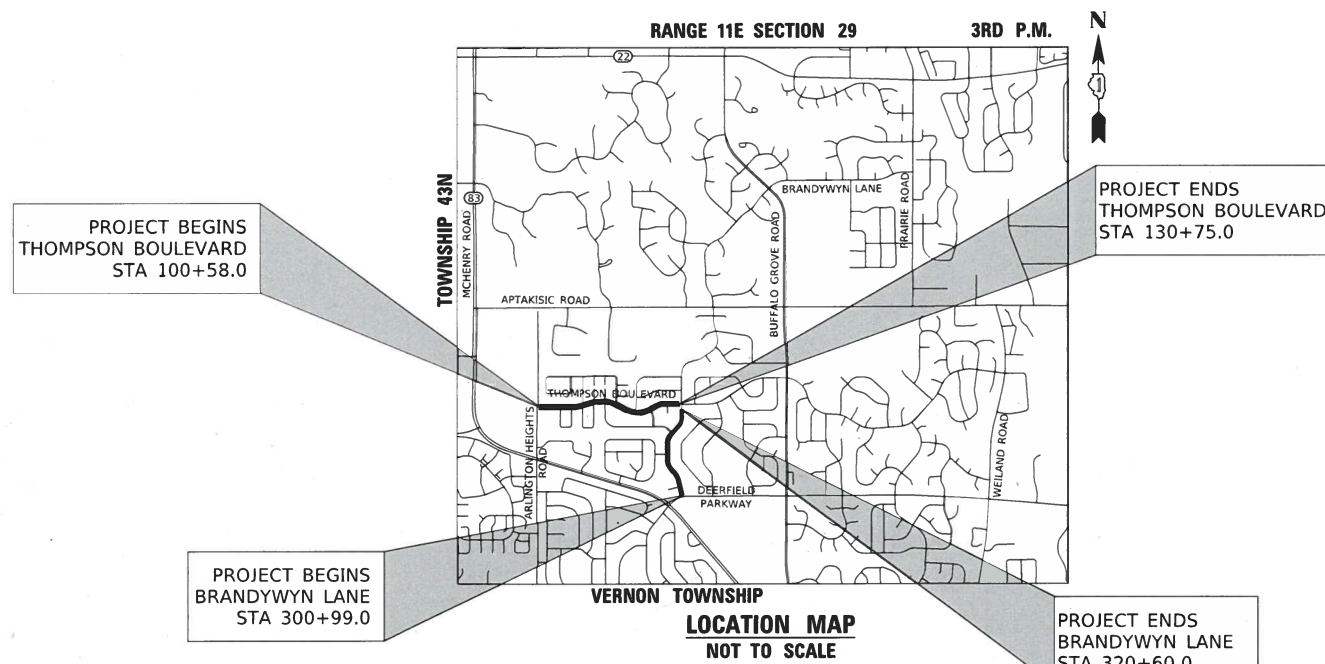
PASSED Nov 4 2021  
*[Signature]*  
DISTRICT ONE ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID  
BASED ON LIMITED  
REVIEW NOVEMBER 8 2021  
*[Signature]*  
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 RECONSTRUCTION (STA 100+58.0 TO STA 130+75.0) - 3,017.0 FT (0.571 MI)  
BRANDYWYN LANE RESURFACE (STA 300+99.0 TO STA 320+60.0) - 1,961.0 FT (0.371 MI)  
PROJECT TOTAL - 4,978.0 FT (0.943 MI) (NET & GROSS)

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

CONTRACT NO. 61H45

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

## GENERAL NOTES

- ALL CONSTRUCTION SHALL BE PERFORMED ACCORDING TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" JANUARY 1, 2022, THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" JANUARY 1, 2022, 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, THE VILLAGE OF BUFFALO GROVE 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. THE CONTRACTOR SHALL CONTACT THE IDOT ARTERIAL DISTRICT ONE TRAFFIC CONTROL SUPERVISOR KALPANA KANNAN-HOSADURGA AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF 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.
- UNLESS OTHERWISE NOTED, LOCATIONS SHOWN ON THE PLANS ARE TO THE EDGE OF PAVEMENT FOR STRUCTURES IN THE CURB AND TO THE CENTER OF THE STRUCTURE FOR ALL OTHER STRUCTURES. ALL TOP OF FRAME (RIM) ELEVATIONS FOR STRUCTURES LOCATED IN THE CURB AND GUTTER ARE AT THE EDGE OF PAVEMENT.

## PROJECT SPECIFIC NOTES

- 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 ABOVE ITEM 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 DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.

- 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 FORTY-FIVE FOOT (45') 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 AREAS 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.

## 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.
- 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.

## INDEX OF DRAWINGS

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## IDOT HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-08	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 SIDEWALKS
442201-03	CLASS C AND D PATCHES
602001-02	CATCH BASIN TYPE A
602011-02	CATCH BASIN TYPE C
602301-04	INLET TYPE A
602401-07	PRECAST MANHOLE TYPE A 4' DIAMETER
602402-03	PRECAST MANHOLE TYPE A 5' DIAMETER
602406-11	PRECAST MANHOLE TYPE A 6' DIAMETER
602411-09	PRECAST MANHOLE TYPE A 7' 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
606001-08	CONCRETE CURB TYPE B & COMBINATION CONCRETE CURB & GUTTER
701006-05	OFF-ROAD OPERATIONS, 2L, 2W 15' (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W DAY ONLY
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24' FROM PAVEMENT EDGE
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
780001-05	TYPICAL PAVEMENT MARKINGS

## IDOT DISTRICT ONE STANDARDS

STANDARD NO.	DESCRIPTION
BD-08	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD-32	BUTT JOINT AND HMA TAPER DETAILS
BD-51	BENCHING DETAIL FOR EMBANKMENT WIDENING
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-16	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
TC-21	DETOUR SIGNING FOR CLOSING STATE HIGHWAYS
TC-22	ARTERIAL ROAD INFORMATION SIGN

PLAN	DATE
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GRADES CHECKED	
STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.	

PROFILE	DATE
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GRADES CHECKED	
STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.	

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DESIGNED - TGB	REVISED -
DRAWN - JRR	REVISED -
CHECKED - KRK	REVISED -
DATE - 11/3/2021	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SHEET 1 OF 2 SHEETS

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-R5	LAKE	122	2
ILLINOIS			CONTRACT NO 61H45	
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 THE ROAD OF ANY 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 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  
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BUFFALO GROVE, IL 60089  
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LAKE COUNTY PASSAGE  
MR. PHILIP DIRK  
LAKE COUNTY  
DIVISION OF TRANSPORTATION  
600 W WINCHESTER ROAD  
LIBERTYVILLE, IL 60048  
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dphilipp@lakecountyiil.gov  
www.lakecountypassage.com

KILDEER COUNTRYSIDE SCHOOL DISTRICT 96  
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BUFFALO GROVE, IL 60089  
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MERIDIAN MIDDLE SCHOOL DISTRICT 102  
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PH: 630.388.2903  
sforah@southernco.com

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

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

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### GENERAL NOTES

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4756 4801	16-00106-03-R5	LAKE	122	3
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ILLINOIS			FED AID PROJECT	

SHEET 2 OF 2 SHEETS

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

SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	STP FUNDS		NON-PARTICIPATING	
						80% FED 20% VILLAGE		100% VILLAGE	
						ROADWAY 0004		CUL DE SACS	
						THOMPSON BOULEVARD	BRANDYWYN LANE	THOMPSON BOULEVARD	BRANDYWYN LANE
		20101100	TREE TRUNK PROTECTION	EACH	161	88	67	6	
X		20101200	TREE ROOT PRUNING	EACH	161	88	67	6	
		20200100	EARTH EXCAVATION	CU YD	4,287	3,677	463	134	13
		20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	4,163	3,767	319	77	
X		20800150	TRENCH BACKFILL	CU YD	332	272	60		
		21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	17,029	15,579	906	544	
		21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	1,097	701	370	26	
		21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	500	250	250		
		21101685	TOPSOIL FURNISH AND PLACE, 24"	SQ YD	837	318	329	95	95
X		25000110	SEEDING, CLASS 1A	ACRE	2.50	1.25	0.75	0.25	0.25
X		25000400	NITROGEN FERTILIZER NUTRIENT	POUND	227	113	68	23	23
X		25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	227	113	68	23	23
X		25100115	MULCH, METHOD 2	ACRE	5.00	2.50	1.50	0.50	0.50
X		25200200	SUPPLEMENTAL WATERING	UNIT	33	20	11	1	1
		28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	222	137	76	7	2
		28000305	TEMPORARY DITCH CHECKS	FOOT	32		32		

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SHEET 1 OF 9 SHEETS

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-RS	LAKE	122	4
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

PLAN	DESIGNS	DATE
	GRADES CHECKED	BY
NOTE BOOK	ALIGNED CHECKED	
NO.	CADD FILE NAME	

PROFILE	DESIGNS	DATE
	GRADES CHECKED	BY
NOTE BOOK	STRUCTURE NOTATIONS CHFD	
NO.		

SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	STP FUNDS		NON-PARTICIPATING	
						80% FED 20% VILLAGE		100% VILLAGE	
						ROADWAY 0004		CUL DE SACS	
						THOMPSON BOULEVARD	BRANDYWYN LANE	THOMPSON BOULEVARD	BRANDYWYN LANE
		28000400	PERIMETER EROSION BARRIER	FOOT	150	150			
		28000510	INLET FILTERS	EACH	60	30	26	2	2
		28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	4		4		
X		30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	1,652	1,411	164	77	
X		30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	14,003	14,003			
		31102100	SUBBASE GRANULAR MATERIAL, TYPE C 4"	SQ YD	1,560	125	1,250	154	31
		35101400	AGGREGATE BASE COURSE, TYPE B	TON	200	120	72	8	
		35101598	AGGREGATE BASE COURSE, TYPE B 3"	SQ YD	12,239	12,239			
		35101700	AGGREGATE BASE COURSE, TYPE B 5"	SQ YD	1,676	1,009	550	51	66
		35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	12		12		
		35102100	AGGREGATE BASE COURSE, TYPE B 9"	SQ YD	2,056	580	713	763	
		40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	8,685	2,904	4,977	172	632
		40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	13		11		2
		40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	59		59		
		40600990	TEMPORARY RAMP	SQ YD	492	492			
X		40602978	HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50	TON	680		602		78

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SHEET 2 OF 9 SHEETS

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-RS	LAKE	122	5
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

DATE	
BY	
REVISIONS	
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ALIGNMENT CHECKED	
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PROFILE	
NOTE BOOK	
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SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	STP FUNDS		NON-PARTICIPATING	
						80% FED 20% VILLAGE		100% VILLAGE	
						ROADWAY 0004		CUL DE SACS	
						THOMPSON BOULEVARD	BRANDYWYN LANE	THOMPSON BOULEVARD	BRANDYWYN LANE
X		40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	3,052	2,845	100	107	
X		40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	2,520	1,448	881	86	105
		40733705	LONGITUDINAL JOINT SEALANT	FOOT	5,282	3,018	1,961	118	185
		42001300	PROTECTIVE COAT	SQ YD	6,247	3,683	2,235	239	90
		42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	2,037	1,207	753	77	
		42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	15,082	9,082	4,946	457	597
		44000100	PAVEMENT REMOVAL	SQ YD	15,745	13,448	1,301	882	114
		44000163	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/2"	SQ YD	928				928
X		44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,928	1,132	721	75	
		44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	11,232	6,641	4,108	427	56
		44000600	SIDEWALK REMOVAL	SQ FT	15,927	9,474	5,399	457	597
		44201694	CLASS D PATCHES, TYPE III, 4 INCH	SQ YD	91	91			
		44201696	CLASS D PATCHES, TYPE IV, 4 INCH	SQ YD	164	164			
		44201701	CLASS D PATCHES, TYPE I, 5 INCH	SQ YD	81		72		9
		44201705	CLASS D PATCHES, TYPE II, 5 INCH	SQ YD	189		167		22
		44201709	CLASS D PATCHES, TYPE III, 5 INCH	SQ YD	189		167		22

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SHEET 3 OF 9 SHEETS


MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-RS	LAKE	122	6
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

PLAN	DESIGNED	DATE
	BY	
NOTE BOOK NO.	GRADES CHECKED	
	BY	
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DATE	FILED	
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PROFILE	DESIGNED	DATE
	BY	
NOTE BOOK NO.	GRADES CHECKED	
	BY	
DATE	ALIGNED CHECKED	
	BY	
DATE	FILED	
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SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	STP FUNDS		NON-PARTICIPATING	
						80% FED 20% VILLAGE		100% VILLAGE	
						ROADWAY 0004		CUL DE SACS	
						THOMPSON BOULEVARD	BRANDYWYN LANE	THOMPSON BOULEVARD	BRANDYWYN LANE
		44201711	CLASS D PATCHES, TYPE IV, 5 INCH	SQ YD	81		72		9
		44201713	CLASS D PATCHES, TYPE I, 6 INCH	SQ YD	41		36		5
		44201717	CLASS D PATCHES, TYPE II, 6 INCH	SQ YD	94		83		11
		44201721	CLASS D PATCHES, TYPE III, 6 INCH	SQ YD	94		83		11
		44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	41		36		5
		44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	7		7		
		44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	43		43		
		550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	203	113	90		
		550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	79	79			
		550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	72		72		
		55100400	STORM SEWER REMOVAL 10"	FOOT	33	33			
		55100500	STORM SEWER REMOVAL 12"	FOOT	343	306	37		
		55100700	STORM SEWER REMOVAL 15"	FOOT	207	133	74		
		55101100	STORM SEWER REMOVAL 21"	FOOT	3	3			
		55101200	STORM SEWER REMOVAL 24"	FOOT	13		13		
		60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1		1		

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES	
SHEET 4 OF 9 SHEETS	

MUN RTE 4756 4801	SECTION 16-00106-03-RS	COUNTY LAKE	TOTAL SHEETS 122	SHEET NO 7
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

PLAN	DATE	BY
	DESIGNER'S ALIGNMENT CHECKED PLOTTED FILED CADD FILE NAME	
NOTE BOOK NO.		

PROFILE	DATE	BY
	DESIGNER'S GRADES CHECKED PLOTTED STRUCTURE NOTATION CIPWD	
NOTE BOOK NO.		

SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	STP FUNDS		NON-PARTICIPATING	
						80% FED 20% VILLAGE		100% VILLAGE	
						ROADWAY 0004		CUL DE SACS	
						THOMPSON BOULEVARD	BRANDYWYN LANE	THOMPSON BOULEVARD	BRANDYWYN LANE
		60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	7	4	3		
		60204805	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	2	1	1		
		60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	1		1		
		60207905	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	EACH	1	1			
		60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2			
		60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	1	1		
		60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	1	1		
		60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1		1		
		60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	8	7	1		
		60404800	FRAMES AND GRATES, TYPE 11	EACH	16	6	9	1	
		60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	44	29	13	1	1
		60500040	REMOVING MANHOLES	EACH	4	2	2		
		60500050	REMOVING CATCH BASINS	EACH	4	3	1		
		60500060	REMOVING INLETS	EACH	7	6	1		
	X	60603900	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (ABUTTING EXISTING PAVEMENT)	FOOT	3,906		3,800		106
X		66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	322	266	56		

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SHEET 5 OF 9 SHEETS

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-RS	LAKE	122	8
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				



PLAN	DATE
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FILE NAME	

PROFILE	DATE
SURVEYED	BY
GRADES CHECKED	
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NO. _____	
FILE NAME	

SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	STP FUNDS		NON-PARTICIPATING	
						80% FED 20% VILLAGE		100% VILLAGE	
						ROADWAY 0004		CUL DE SACS	
						THOMPSON BOULEVARD	BRANDYWYN LANE	THOMPSON BOULEVARD	BRANDYWYN LANE
X		66900530	SOIL DISPOSAL ANALYSIS	EACH	2	1	1		
X		66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	0.5	0.5		
X		66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	0.5	0.5		
X		66901006	REGULATED SUBSTANCES MONITORING	CAL DA	60	30	30		
		67100100	MOBILIZATION	L SUM	1	0.5	0.5		
		70107025	CHANGEABLE MESSAGE SIGN	CAL DA	168	84	84		
		70300100	SHORT TERM PAVEMENT MARKING	FOOT	201	201			
		70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	315	192	123		
		70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	5,181	3,258	1,923		
		70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	232	161	71		
		70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	45	45			
		70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	459	459			
X		78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	3,930	2,523	1,407		
X		78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	228	161	67		
X		78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	45	45			
X		78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	6,803	6,803			

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES	
SHEET	6 OF 9 SHEETS

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-RS	LAKE	122	9
CONTRACT NO 61H45			ILLINOIS FED AID PROJECT	

DATE	BY	SURVEYED	CHECKED
		ALIGNMENT	CHECKED
		RT. OF WAY	CHECKED
		ROAD FILE	MARK
PLAN	NO.	NO.	NO.

DATE	BY	SURVEYED	CHECKED
		I.M. NOTED	CHECKED
		STRUCTURE	NOTATIONS
			CITED
PROFILE	NO.	NO.	NO.

SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	STP FUNDS		NON-PARTICIPATING	
						80% FED 20% VILLAGE		100% VILLAGE	
						ROADWAY 0004		CUL DE SACS	
						THOMPSON BOULEVARD	BRANDYWYN LANE	THOMPSON BOULEVARD	BRANDYWYN LANE
		78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	112	112			
		78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	204	204			
X	X	K0036120	MULCH PLACEMENT 4"	SQ YD	322	176	134	12	
	X	X0323868	DRAINAGE RESTRICTOR	EACH	1		1		
	X	X2080250	TRENCH BACKFILL, SPECIAL	CU YD	534	314	203	17	
	X	X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	300	150	150		
	X	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	89	42	43	4	
	X	X4023000	TEMPORARY ACCESS (ROAD)	EACH	15	13	2		
	X	X4240800	DETECTABLE WARNINGS (SPECIAL)	SQ FT	527	387	140		
	X	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)	SQ YD	7,138		7,138		
	X	X4405030	LONGITUDINAL PARTIAL DEPTH REMOVAL 3"	FOOT	332		294		38
	X	X4420900	LONGITUDINAL PARTIAL DEPTH PATCHING	TON	13		11		2
	X	X6013600	PIPE UNDERDRAINS 4" (MODIFIED)	FOOT	2,113	1,068	945	100	
	X	X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	13	4	9		
	X	X6026051	SANITARY MANHOLES TO BE RECONSTRUCTED	EACH	7	6	1		
	X	X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	1				1

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SHEET 7 OF 9 SHEETS

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-RS	LAKE	122	10
CONTRACT NO 61H45			ILLINOIS FED AID PROJECT	

PLAN	DATE
BY	
DESIGNED	
CHECKED	
DATE	
NO. _____	

PROFILE	DATE
BY	
DESIGNED	
CHECKED	
DATE	
NO. _____	

SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	STP FUNDS		NON-PARTICIPATING	
						80% FED 20% VILLAGE		100% VILLAGE	
						ROADWAY 0004		CUL DE SACS	
						THOMPSON BOULEVARD	BRANDYWYN LANE	THOMPSON BOULEVARD	BRANDYWYN LANE
X		X6040205	FRAMES AND LIDS, SPECIAL	EACH	12	6	5	1	
X		X6060074	COMBINATION CONCRETE CURB AND GUTTER, TYPE M (SPECIAL) (ABUTTING EXISTING PAVEMENT)	FOOT	56				56
X		X6061700	COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)	FOOT	428			428	
X		X6064200	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)	FOOT	7,257	6,597	553	107	
X		X6065750	CONCRETE MEDIAN SURFACE, 6 INCH (SPECIAL)	SQ FT	34	17	17		
X		X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0.5	0.5		
X		XX001342	DOMESTIC WATER SERVICE BOXES TO BE REPLACED	EACH	19	7	11	1	
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	33	20	12	1	
X		Z0017700	DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED	EACH	7	5	1	1	
X		Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	489	360	129		
X		Z0056606	STORM SEWER (WATER MAIN REQUIREMENTS) 10 INCH	FOOT	33	33			
X		Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	367	318	49		
X	X	Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	4	4			

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SHEET 8 OF 9 SHEETS

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-R5	LAKE	122	11
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

PLAN	DESIGNED	DATE
	BY	
NOTE BOOK NO.	ALIGNED CHECKED	
	CADD FILE NAME	

PROFILE	DESIGNED	DATE
	BY	
NOTE BOOK NO.	GRADES CHECKED	
	STRUCTURE NOTATION CHKD	

#	SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	STP FUNDS		NON-PARTICIPATING	
							80% FED 20% VILLAGE		100% VILLAGE	
							ROADWAY 0004		CUL DE SACS	
							THOMPSON BOULEVARD	BRANDYWYN LANE	THOMPSON BOULEVARD	BRANDYWYN LANE
#	X		Z0076600	TRAINEES	HOUR	500	250	250		
#	X		Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	250	250		

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MODEL: \$MODELNAME\$  
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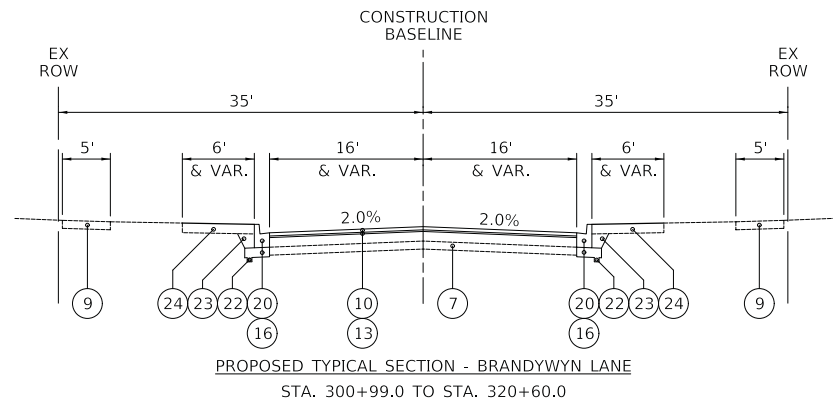
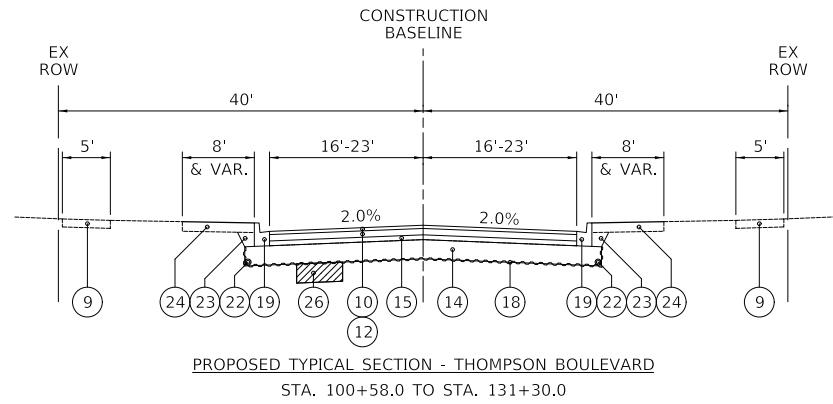
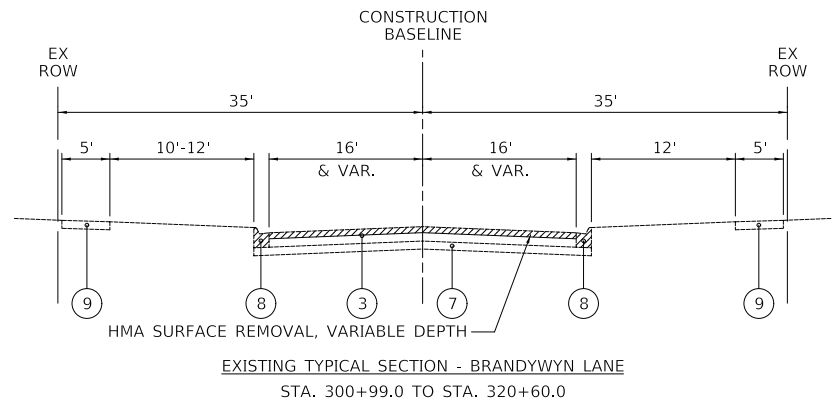
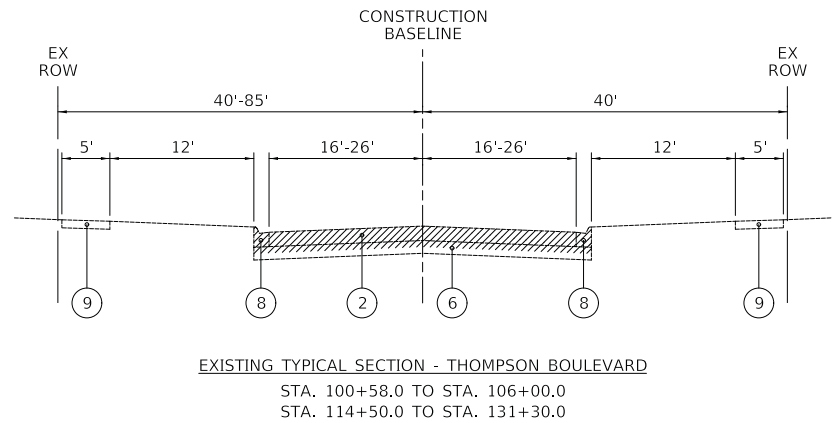
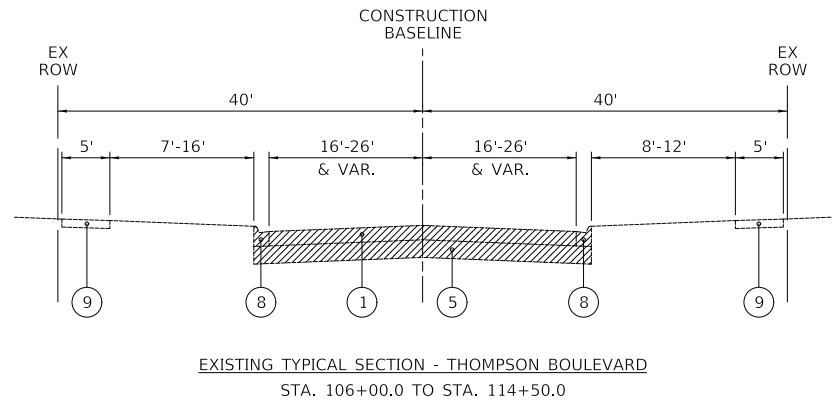
**SUMMARY OF QUANTITIES**

SHEET 9 OF 9 SHEETS

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-RS	LAKE	122	12
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

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

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



- LEGEND**
- ① EXISTING HOT-MIX ASPHALT PAVEMENT, THICKNESS VARIES FROM 6-1/4" TO 9-3/4" (SMC GEOTECHNICAL INVESTIGATION, Dated 1/11/2016)
  - ② EXISTING HOT-MIX ASPHALT PAVEMENT, THICKNESS VARIES FROM 8-3/4" TO 11-3/4" (SMC GEOTECHNICAL INVESTIGATION, Dated 1/11/2016)
  - ③ EXISTING HOT-MIX ASPHALT PAVEMENT, THICKNESS VARIES FROM 7-3/4" TO 10" (SMC GEOTECHNICAL INVESTIGATION, Dated 1/11/2016)
  - ④ EXISTING HOT-MIX ASPHALT PAVEMENT, 11-3/4" (SMC GEOTECHNICAL INVESTIGATION, Dated 6/19/2019)
  - ⑤ EXISTING POZZOLANIC AGGREGATE MIXTURE, THICKNESS VARIES FROM 8-1/4" TO 15-1/2" (REMOVAL PAID FOR AS "PAVEMENT REMOVAL") (SMC GEOTECHNICAL INVESTIGATION, Dated 1/11/2016)
  - ⑥ EXISTING AGGREGATE SUBGRADE, THICKNESS VARIES FROM 5-1/4" TO 10-3/4" (SMC GEOTECHNICAL INVESTIGATION, Dated 1/11/2016) (REMOVE WHERE REQUIRED FOR AGGREGATE SUBGRADE PLACEMENT - PAID FOR AS "EARTH EXCAVATION")
  - ⑦ EXISTING AGGREGATE SUBGRADE, THICKNESS VARIES FROM 3-1/2" TO 10" (SMC GEOTECHNICAL INVESTIGATION, Dated 1/11/2016)
  - ⑧ EXISTING MOUNTABLE CURB AND GUTTER
  - ⑨ EXISTING PORTLAND CEMENT CONCRETE SIDEWALK
  - REMOVAL ITEMS
  - ⑩ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"
  - ⑪ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2-1/2"
  - ⑫ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4"
  - ⑬ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50, 1-1/2"
  - ⑭ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT 12"
  - ⑮ PROPOSED AGGREGATE BASE COURSE, TYPE B 3"
  - ⑯ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C 4"
  - ⑰ PROPOSED AGGREGATE BASE COURSE, TYPE B 9"
  - ⑱ PROPOSED GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
  - ⑲ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)
  - ⑳ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (ABUTTING EXISTING PAVEMENT) SEE SHEET 91 FOR DETAIL
  - ㉑ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-4.12 (PAID FOR AS COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL))
  - ㉒ PROPOSED PIPE UNDERDRAINS, 4" (MODIFIED) (SEE NOTE 1)
  - ㉓ PROPOSED TRENCH BACKFILL, SPECIAL
  - ㉔ PROPOSED TOPSOIL PLACEMENT 4", SEEDING, CLASS 1A
  - ㉕ PROPOSED TOPSOIL FURNISH AND PLACE, 24", SEEDING, CLASS 1A
  - ㉖ UNDERCUT (EXACT LOCATIONS TO BE DETERMINED BY ENGINEER)

SEE SHEET 14 FOR HOT-MIX ASPHALT MIXTURE REQUIREMENTS TABLE AND TYPICAL SECTION NOTES



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DATE	-	11/3/2021	REVISED	-

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

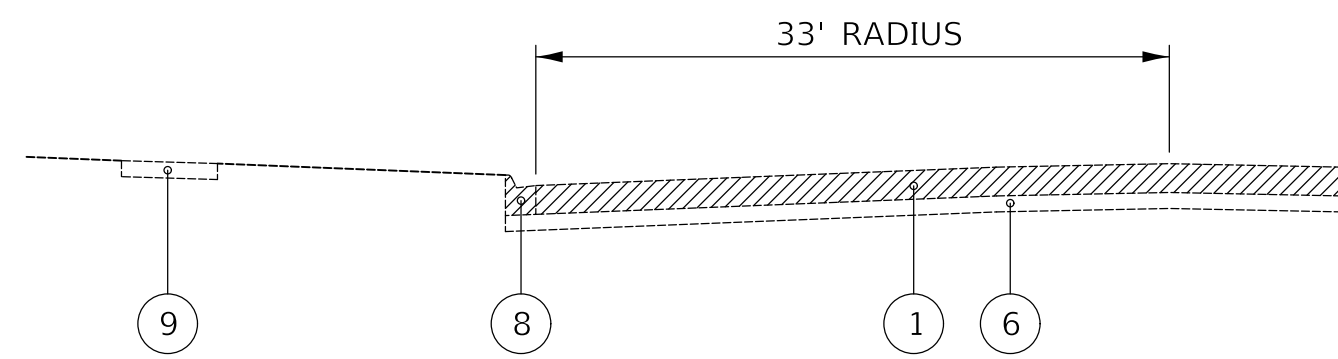
**TYPICAL SECTIONS**

SHEET 1 OF 2 SHEETS

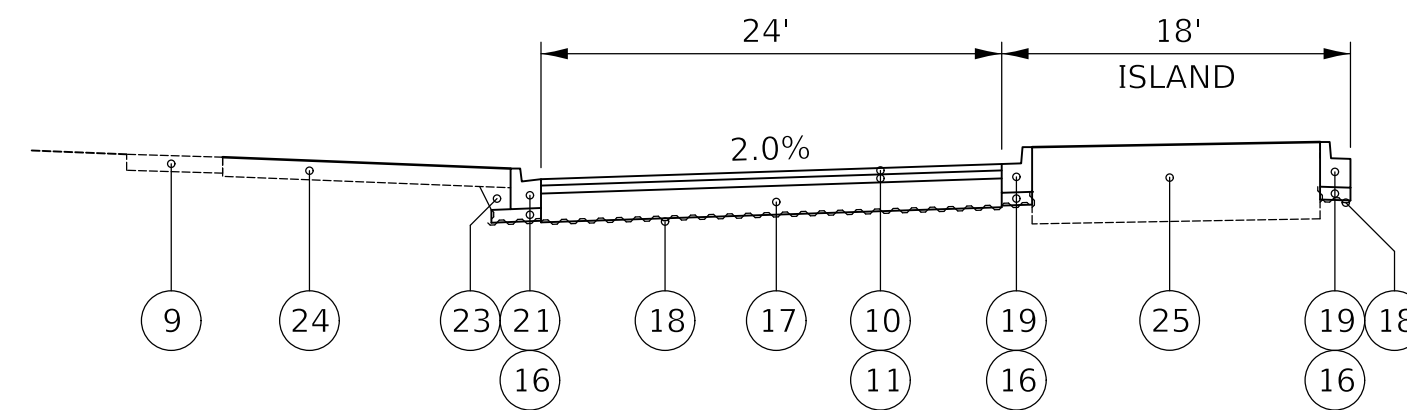
MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-R5	LAKE	122	13
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

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

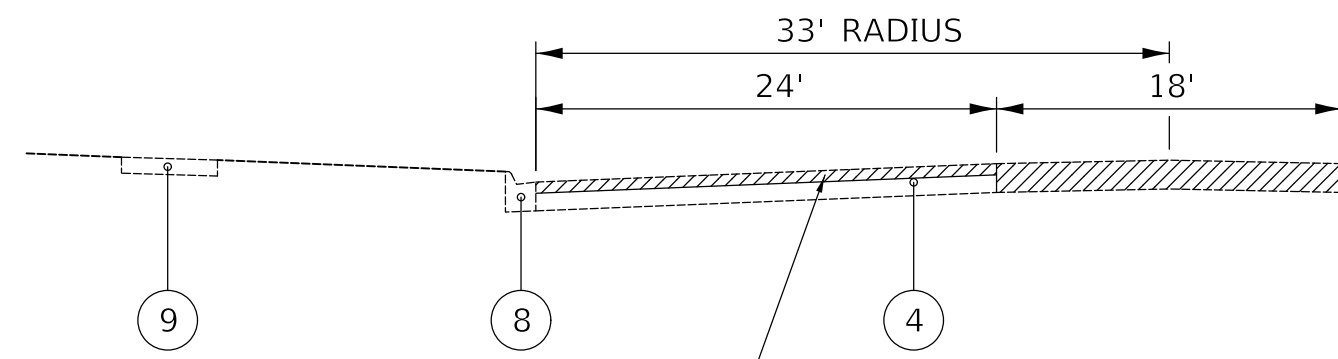
PROFILE	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK NO.	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	



EXISTING TYPICAL SECTION - THOMPSON COURT

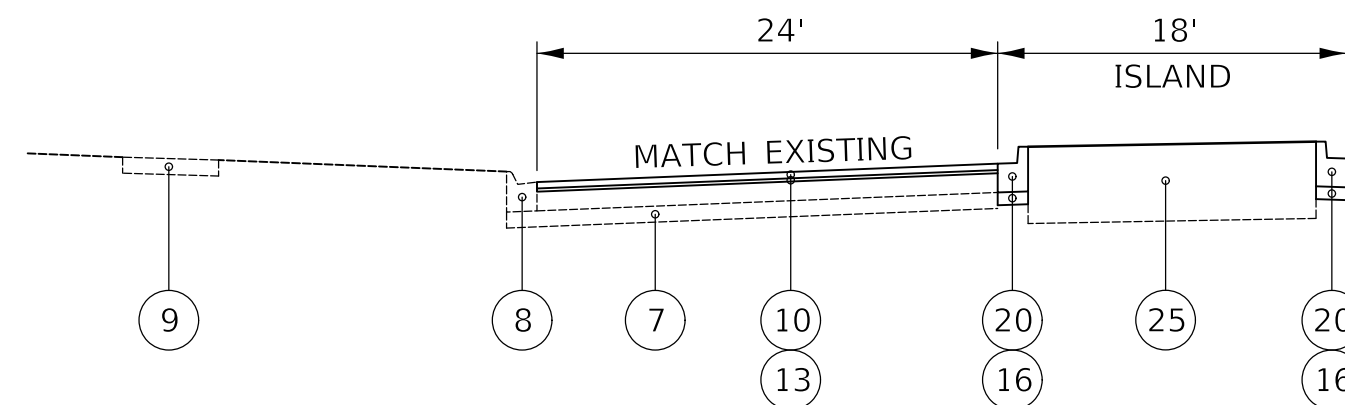


PROPOSED TYPICAL SECTION - THOMPSON COURT



HMA SURFACE REMOVAL, 3 1/2"

EXISTING TYPICAL SECTION - BRANDYWYN COURT



PROPOSED TYPICAL SECTION - BRANDYWYN COURT

### HOT-MIX ASPHALT MIXTURE REQUIREMENTS

PAY ITEM	PERCENT AIR VOIDS @ Ndes.	QMP
PAVEMENT RECONSTRUCTION, 6"		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5mm); 2"	3.5% @ 50 GYR.	QC/QA PER LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 4"	3.5% @ 50 GYR.	QC/QA PER LR 1030-2
PAVEMENT RECONSTRUCTION, 4-1/2"		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5mm); 2"	3.5% @ 50 GYR.	QC/QA PER LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 2-1/2"	3.5% @ 50 GYR.	QC/QA PER LR 1030-2
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5mm); 2"	3.5% @ 50 GYR.	QC/QA PER LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50; 1-1/2"	3.5% @ 50 GYR.	QC/QA PER LR 1030-2
PATCHES		
CLASS D PATCH (HMA BINDER IL-19 MM)	4% @ 70 GYR.	QC/QA PER LR 1030-2
LONGITUDINAL PARTIAL DEPTH PATCHING; 3"		
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50; 3"	3.5% @ 50 GYR.	QC/QA PER LR 1030-2
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LOCAL ROADS SPECIAL PROVISION LR 1030-2		

- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LB/SY-IN.
- THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.
- LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE BINDER COURSE.

#### LEGEND

- EXISTING HOT-MIX ASPHALT PAVEMENT, THICKNESS VARIES FROM 6-1/4" TO 9-3/4" (SMC GEOTECHNICAL INVESTIGATION, Dated 1/11/2016)
- EXISTING HOT-MIX ASPHALT PAVEMENT, THICKNESS VARIES FROM 8-3/4" TO 11-3/4" (SMC GEOTECHNICAL INVESTIGATION, Dated 1/11/2016)
- EXISTING HOT-MIX ASPHALT PAVEMENT, THICKNESS VARIES FROM 7-3/4" TO 10" (SMC GEOTECHNICAL INVESTIGATION, Dated 1/11/2016)
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- EXISTING AGGREGATE SUBGRADE, THICKNESS VARIES FROM 3-1/2" TO 10" (SMC GEOTECHNICAL INVESTIGATION, Dated 1/11/2016)
- EXISTING MOUNTABLE CURB AND GUTTER
- EXISTING PORTLAND CEMENT CONCRETE SIDEWALK

REMOVAL ITEMS

- PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"
- PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2-1/2"
- PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4"
- PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50, 1-1/2"
- PROPOSED AGGREGATE SUBGRADE IMPROVEMENT 12"
- PROPOSED AGGREGATE BASE COURSE, TYPE B 3"
- PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C 4"
- PROPOSED AGGREGATE BASE COURSE, TYPE B 9"
- PROPOSED GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)
- PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (ABUTTING EXISTING PAVEMENT) SEE SHEET 91 FOR DETAIL
- PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-4.12 (PAID FOR AS COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL))
- PROPOSED PIPE UNDERDRAINS, 4" (MODIFIED) (SEE NOTE 1)
- PROPOSED TRENCH BACKFILL, SPECIAL
- PROPOSED TOPSOIL PLACEMENT 4", SEEDING, CLASS 1A
- PROPOSED TOPSOIL FURNISH AND PLACE, 24", SEEDING, CLASS 1A
- UNDERCUT (EXACT LOCATIONS TO BE DETERMINED BY ENGINEER)

#### NOTES:

- 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.
- GEOTECHNICAL REPORTS ARE AVAILABLE FROM THE VILLAGE OF BUFFALO GROVE REPRESENTATIVE.
- CONTRACTOR SHALL MILL BEFORE PATCHING.

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DATE - 11/3/2021	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

#### TYPICAL SECTIONS

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-R5	LAKE	122	14
CONTRACT NO 61H45				
ILLINOIS		FED AID PROJECT		

SHEET 2 OF 2 SHEETS



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

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

BRANDYWYN LANE ROADWAY BREAKDOWN										
STATION	DISTANCE	EARTH EXCAVATION (CU FT)	TOPSOIL EXCAVATION (SQ FT)	FURNISHED EXCAVATION (SQ FT)	EARTH EXCAVATION AVG. (SQ FT)	TOPSOIL EXCAVATION AVG. (SQ FT)	FURNISHED EXCAVATION AVG. (SQ FT)	EARTH EXCAVATION (CU FT)	TOPSOIL EXCAVATION (CU FT)	FURNISHED EXCAVATION (CU FT)
300+99		3.5	7.7	3.9						
301+00	1	3.5	7.7	3.9	3	8	4	3	8	4
301+50	50	6.8	2.5	0.8	5	5	2	257	256	119
302+00	50	3.9	5.4	2.1	5	4	1	266	198	74
302+50	50	2.1	3.0	1.1	3	4	2	150	209	81
303+00	50	4.2	11.0	4.1	3	7	3	159	348	131
303+50	50	4.4	4.4	1.0	4	8	3	216	383	128
304+00	50	5.6	5.0	2.5	5	5	2	249	233	89
304+50	50	3.7	10.8	4.1	5	8	3	232	393	167
305+00	50	5.9	4.9	2.5	5	6	3	238	303	143
305+50	50	3.6	7.2	3.2	8	7	3	404	331	159
306+00	50	12.5	6.0	3.1	8	4	2	421	221	104
306+50	50	4.3	2.8	1.0	4	6	2	222	284	75
307+00	50	4.5	8.5	2.0	4	9	3	225	434	137
307+50	50	4.4	8.8	3.5	4	10	4	211	523	209
308+00	50	4.0	12.1	4.9	4	9	4	197	451	186
308+50	50	3.9	5.9	2.6	4	9	4	187	451	205
309+00	50	3.6	12.1	5.6	6	8	3	297	378	173
309+50	50	8.2	3.0	1.3	5	5	2	244	225	121
310+00	50	1.5	6.0	3.6	3	8	4	128	377	192
310+50	50	3.6	9.1	4.1	7	8	3	346	381	167
311+00	50	10.2	6.1	2.6	10	6	2	507	303	114
311+50	50	10.0	6.0	2.0	6	9	4	300	448	182
312+00	50	2.0	11.9	5.3	3	10	5	150	515	245
312+50	50	4.0	8.7	4.5	5	7	4	254	354	177
313+00	50	6.2	5.5	2.6	8	6	3	406	288	136
313+50	50	10.1	6.0	2.8	7	9	4	349	455	212
314+00	50	3.9	12.2	5.6	4	13	6	214	663	295
314+50	50	4.7	14.3	6.2	5	11	5	241	570	259
315+00	50	4.9	8.5	4.2	5	10	4	232	511	222
315+50	50	4.4	11.9	4.7	8	7	3	381	373	146
316+00	50	10.9	3.0	1.1	7	4	2	369	218	89
316+50	50	3.9	5.8	2.4	4	6	2	192	291	116
317+00	50	3.8	5.9	2.2	4	8	3	202	377	154
317+50	50	4.3	9.2	4.0	8	5	2	384	230	102
318+00	50	11.1		0.1	8	4	2	380	223	83
318+50	50	4.1	8.9	3.2	4	7	3	184	365	128
319+00	50	3.2	5.7	1.9	4	7	3	184	370	147
319+50	50	4.1	9.2	4.0	5	8	3	262	378	166
320+00	50	6.3	6.0	2.7	6	7	3	276	374	161
320+50	10	4.7	9.0	3.7	4	9	4	40	90	41
320+60		3.2	9.0	4.5						
BRANDYWYN LANE SUBTOTAL (CU. FT.)								10,400	14,172	6,008
BRANDYWYN LANE SUBTOTAL (CU. YD.)								386	525	223

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.)	386	525	223	
SIDEWALK SUBTOTAL (CU. YD.)	77			
BRANDYWYN COURT SUBTOTAL (CU. YD.)	13			
SUITABLE FILL TO BE REUSED (SHRINKAGE OF 15%) (CU. YD.)			-405	
UNDERCUT QUANTITY (CU. YD.)				164
ROADWAY TOPSOIL PLACEMENT (CU. YD.)		-370		
BRANDYWYN COURT TOPSOIL PLACEMENT (CU. YD.)		0		
TOPSOIL TO BE HAULED OFF (CU. YD.)		-155		155
PROJECT TOTAL (CU. YD.)	476	0	0	319

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SHEET 2 OF 2 SHEETS

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-RS	LAKE	122	16
CONTRACT NO 61H45				
ILLINOIS		FED AID PROJECT		



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

BENCHMARKS		
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

THOMPSON BOULEVARD TRAVERSE COORDINATE TABLE				
POINT NO.	DESCRIPTION	NORTHING	EASTING	ELEVATION
TS 10	CROSS CUT IN SIDEWALK	2,007,303.1520	1,078,830.8410	719.95
TS 11	CROSS CUT IN SIDEWALK	2,007,234.5640	1,079,282.2760	718.74
TS 12	CROSS CUT IN SIDEWALK	2,007,331.3530	1,079,679.6800	720.31
TS 13	CROSS CUT IN SIDEWALK	2,007,412.4267	1,080,152.5275	715.54
TS 14	CROSS CUT IN SIDEWALK	2,007,359.2950	1,080,379.3530	711.89
TS 15	CROSS CUT IN SIDEWALK	2,007,113.1700	1,080,889.2090	703.90
TS 16	CROSS CUT IN SIDEWALK	2,007,303.6358	1,081,239.0907	701.28
TS 17	CROSS CUT IN SIDEWALK	2,007,356.1930	1,081,541.2320	696.60

THOMPSON BOULEVARD ALIGNMENT TABLE			
DESCRIPTION	STATION	NORTHING	EASTING
BOA	100+00.00	2,007,267.3024	1,078,699.9373
PC	107+54.30	2,007,267.6388	1,079,454.2352
PI	108+65.79	2,007,267.6886	1,079,565.7242
PT	109+75.98	2,007,296.8190	1,079,673.3402
PC	112+22.22	2,007,361.1582	1,079,911.0272
PI	112+81.05	2,007,376.5300	1,079,967.8149
PT	113+39.22	2,007,376.7862	1,080,026.6459
PC	115+16.70	2,007,377.5591	1,080,204.1270
PI	115+93.44	2,007,377.8933	1,080,280.8617
PT	116+67.49	2,007,344.3373	1,080,349.8713
PC	120+03.18	2,007,197.5447	1,080,651.7577
PI	122+74.50	2,007,078.8966	1,080,895.7635
PT	125+04.03	2,007,209.3126	1,081,133.6876
PC	126+50.62	2,007,279.7716	1,081,262.2292
PI	127+39.96	2,007,322.7158	1,081,340.5742
PT	128+25.57	2,007,322.8550	1,081,429.9169
PI	131+83.15	2,007,323.4126	1,081,787.5014
PI	132+15.16	2,007,323.7383	1,081,819.5134
EOA	136+95.09	2,007,322.9912	1,082,299.4385

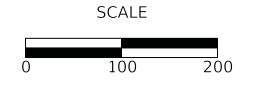
BRANDYWYN TRAVERSE COORDINATE TABLE				
POINT NO.	DESCRIPTION	NORTHING	EASTING	ELEVATION
TS 37	CROSS CUT IN SIDEWALK	2,005,628.3000	1,081,793.8890	692.36
TS 38	PK NAIL IN PAVEMENT	2,005,885.6270	1,081,614.8490	692.59
TS 39	CROSS CUT IN SIDEWALK	2,006,186.2213	1,081,478.2463	694.21
TS 40	CROSS CUT IN SIDEWALK	2,006,547.2140	1,081,480.9510	695.30
TS 41	CROSS CUT IN SIDEWALK	2,006,765.2699	1,081,696.8704	694.50
TS 42	CROSS CUT IN SIDEWALK	2,007,115.5940	1,081,836.3140	692.99

BRANDYWYN LANE ALIGNMENT TABLE			
DESCRIPTION	STATION	NORTHING	EASTING
BOA	300+00.00	2,005,342.5912	1,081,828.8363
PC	304+07.15	2,005,738.3583	1,081,733.2441
PI	304+84.91	2,005,813.9479	1,081,714.9865
PT	305+59.33	2,005,871.1500	1,081,662.3078
PC	306+68.53	2,005,951.4775	1,081,588.3325
PI	307+86.09	2,006,037.9553	1,081,508.6932
PT	308+92.61	2,006,155.5169	1,081,509.0115
PC	312+31.88	2,006,494.7766	1,081,509.9301
PI	313+48.27	2,006,611.2147	1,081,510.3532
PT	314+53.94	2,006,696.9001	1,081,588.9832
PC	316+53.87	2,006,844.1398	1,081,724.2209
PI	317+70.59	2,006,930.1057	1,081,803.1795
PT	318+76.50	2,007,046.8301	1,081,803.2750
EOA	328+05.43	2,007,036.2351	1,081,807.7214

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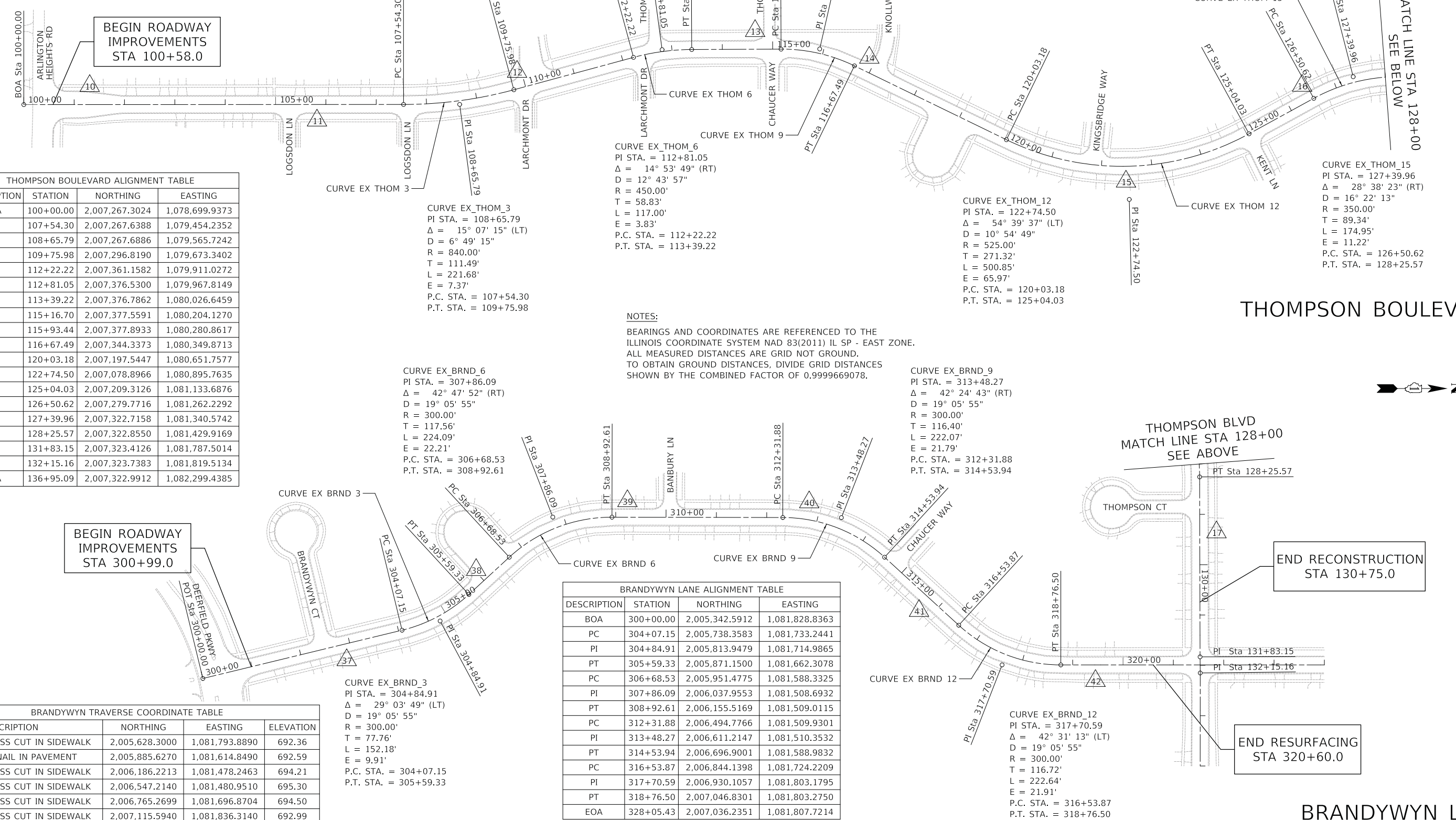
DESIGNED - TGB  
DRAWN - JRR  
CHECKED - KRK  
DATE - 11/3/2021

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ALIGNMENT, TIES, & BENCHMARKS  
SHEET 1 OF 1 SHEETS

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-RS	LAKE	122	17
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				



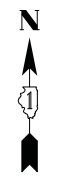
BEGIN ROADWAY IMPROVEMENTS STA 100+58.0

BEGIN ROADWAY IMPROVEMENTS STA 300+99.0

END RECONSTRUCTION STA 130+75.0

END RESURFACING STA 320+60.0

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.



NOTES:  
 1. SEE SHEETS 27 TO 39 FOR PROPOSED RIM ELEVATIONS.

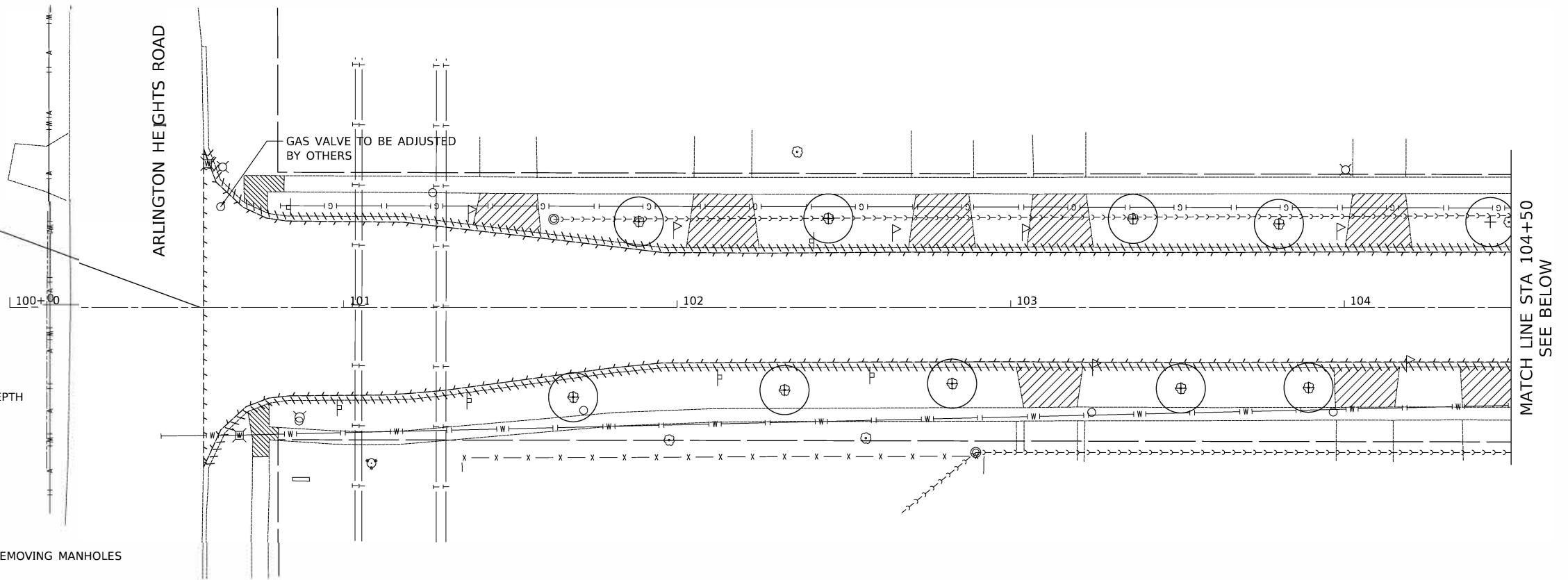
PLAN	SUBMITTED	DATE
	BY	
NOTE BOOK NO.	ALIGNED CHECKED	
	CADD FILE NAME	

PROFILE	SUBMITTED	DATE
	BY	
NOTE BOOK NO.	GRADERS CHECKED	
	STRUCTURE NOTATIONS CHECKED	

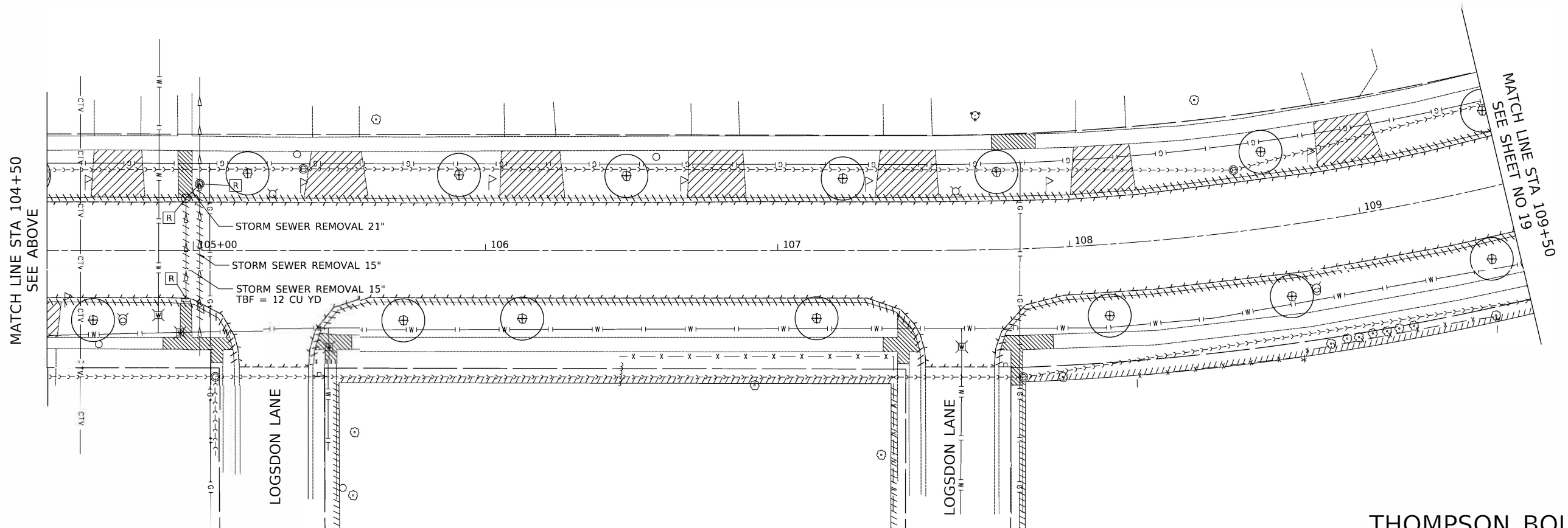
MODEL: SH06LNAME3  
 FILE NAME: ...13323\_C3\_Thompson\_Ren01.dgn

- LEGEND:
- PAVEMENT REMOVAL
  - HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
  - DRIVEWAY PAVEMENT REMOVAL
  - SIDEWALK REMOVAL
  - HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
  - COMBINATION CURB AND GUTTER REMOVAL
  - REMOVING INLETS, REMOVING CATCH BASINS, OR REMOVING MANHOLES
  - TREE PROTECTION (PAID FOR AS TREE TRUNK PROTECTION AND TREE ROOT PRUNING)

BEGIN ROADWAY RECONSTRUCTION STA. 100+58.0



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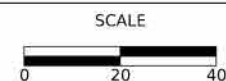


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DRAWN -	JRR	REVISED -	
CHECKED -	KRK	REVISED -	
DATE -	1/03/2019	REVISED -	

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REMOVAL PLAN - THOMPSON BOULEVARD

SHEET 1 OF 13 SHEETS STA. 100+58 TO STA. 109+58

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3260,4756	16-00107-00-R5	LAKE	122	18
CONTRACT NO. XXXXX				
ILLINOIS FED. AID PROJECT				

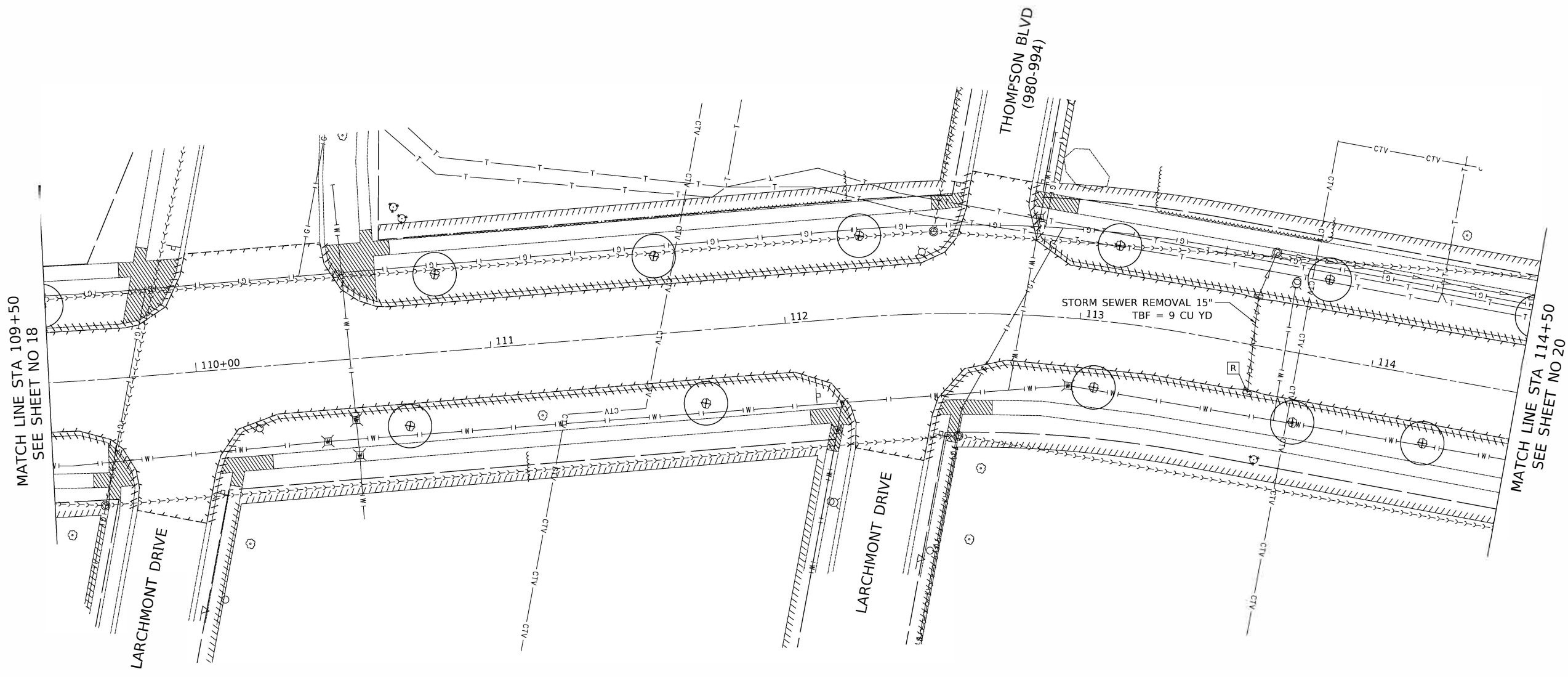
NOTES:

- SEE SHEETS 27 TO 39 FOR PROPOSED RIM ELEVATIONS.



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

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



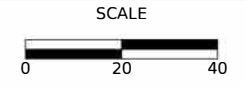
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FILE NAME: ...13223 C3\_Thompson\_Rem 01.dgn



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STATE OF ILLINOIS  
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REMOVAL PLAN - THOMPSON BOULEVARD

SHEET 2 OF 13 SHEETS STA. 109+58 TO STA. 114+50

THOMPSON BOULEVARD

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3260,4756	16-00107-00-R5	LAKE	122	19
CONTRACT NO. 61H45				
ILLINOIS FED. AID PROJECT				

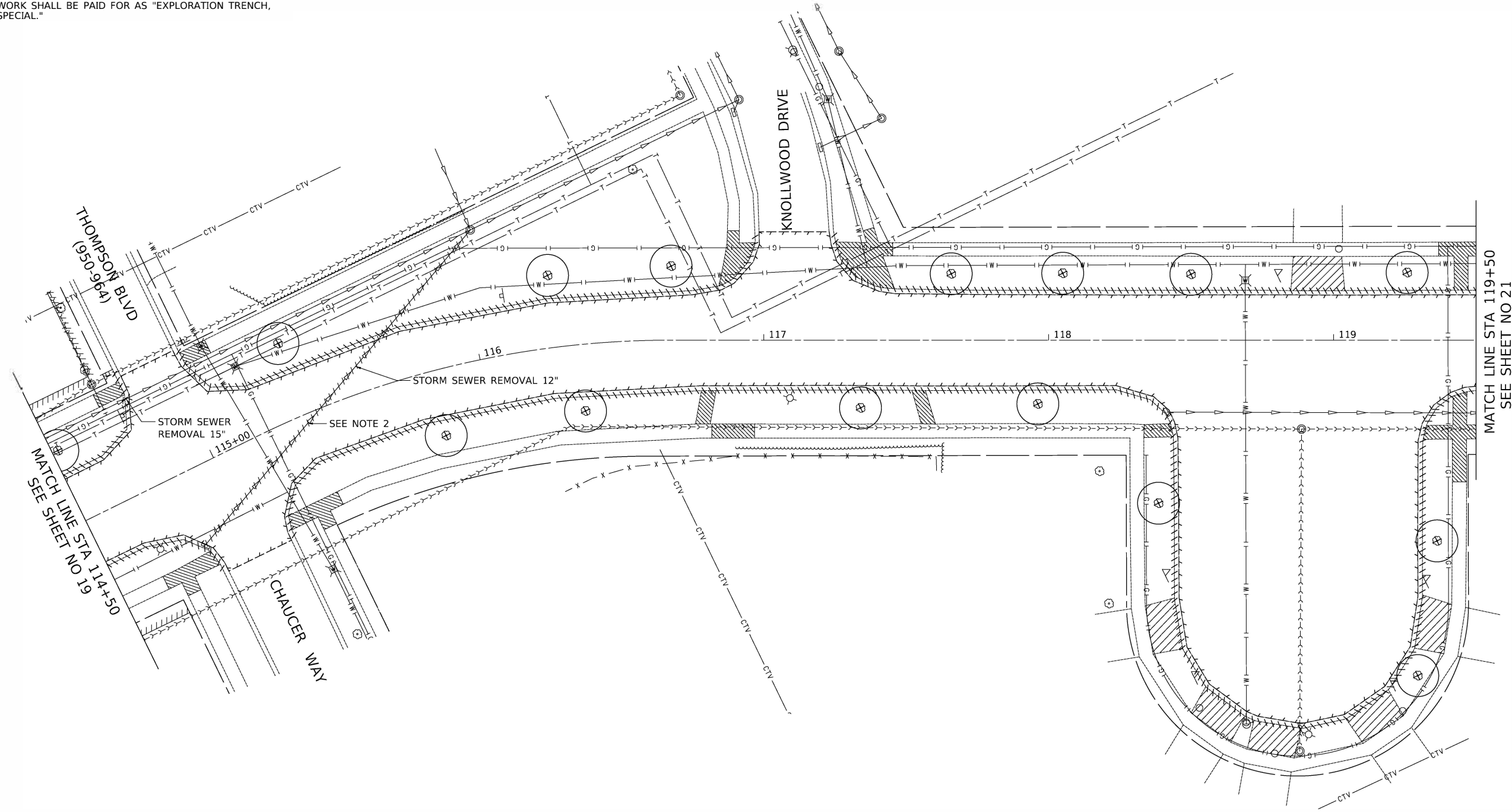


NOTES:

- SEE SHEETS 27 TO 39 FOR PROPOSED RIM ELEVATIONS.
- THE CONTRACTOR SHALL CONFIRM THE DOWNSTREAM INVERT AND LOCATION OF THE STORM SEWER CROSSING PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY TO DETERMINE ANY REQUIRED REVISIONS TO THE STORM SEWER. THIS WORK SHALL BE PAID FOR AS "EXPLORATION TRENCH, SPECIAL."

PLAN	SUBMITTED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	CAUD FILE NAME	
	NO.	

PROFILE	SUBMITTED	DATE
	PLOTTED	
	GRAPHS CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	



MATCH LINE STA 114+50  
SEE SHEET NO 19

MATCH LINE STA 119+50  
SEE SHEET NO 21

THOMPSON BOULEVARD

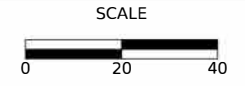
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FILE NAME: ...13223 C3 Thompson Rem 01.dgn



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DATE -	1/03/2019	REVISED -	

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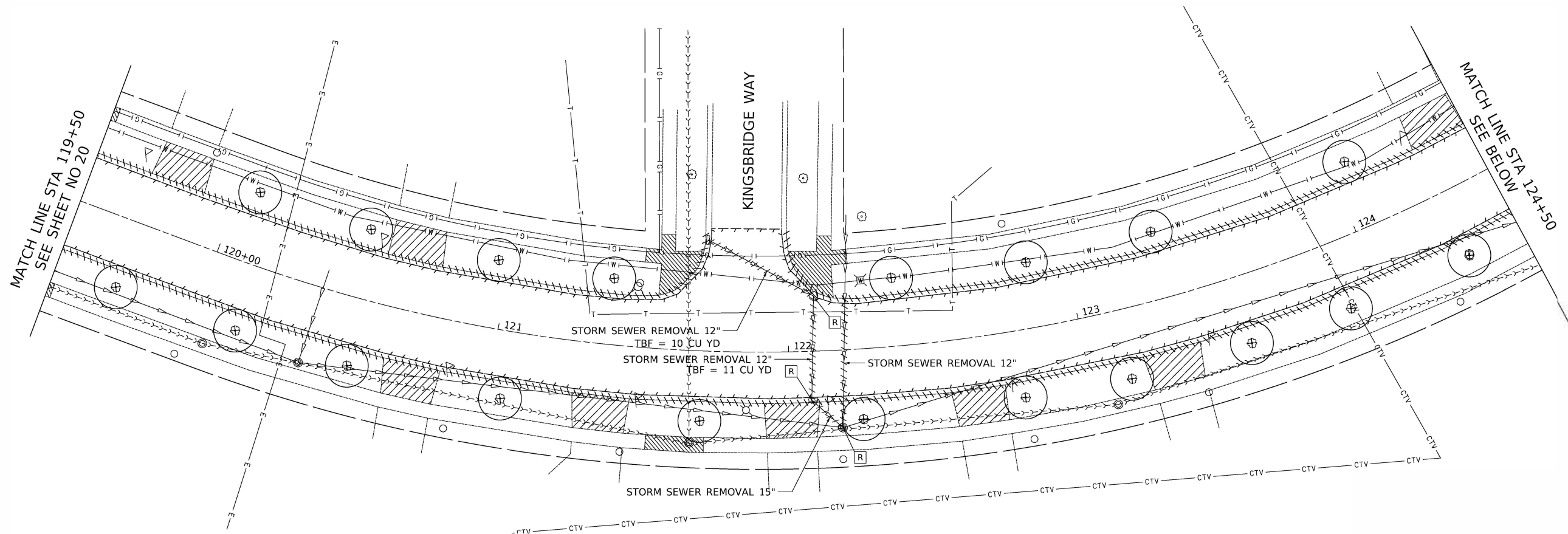


REMOVAL PLAN - THOMPSON BOULEVARD

SHEET 3 OF 13 SHEETS STA. 114+50 TO STA. 119+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3260,4756	16-00107-00-R5	LAKE	122	20
CONTRACT NO. 61H45				
ILLINOIS FED. AID PROJECT				

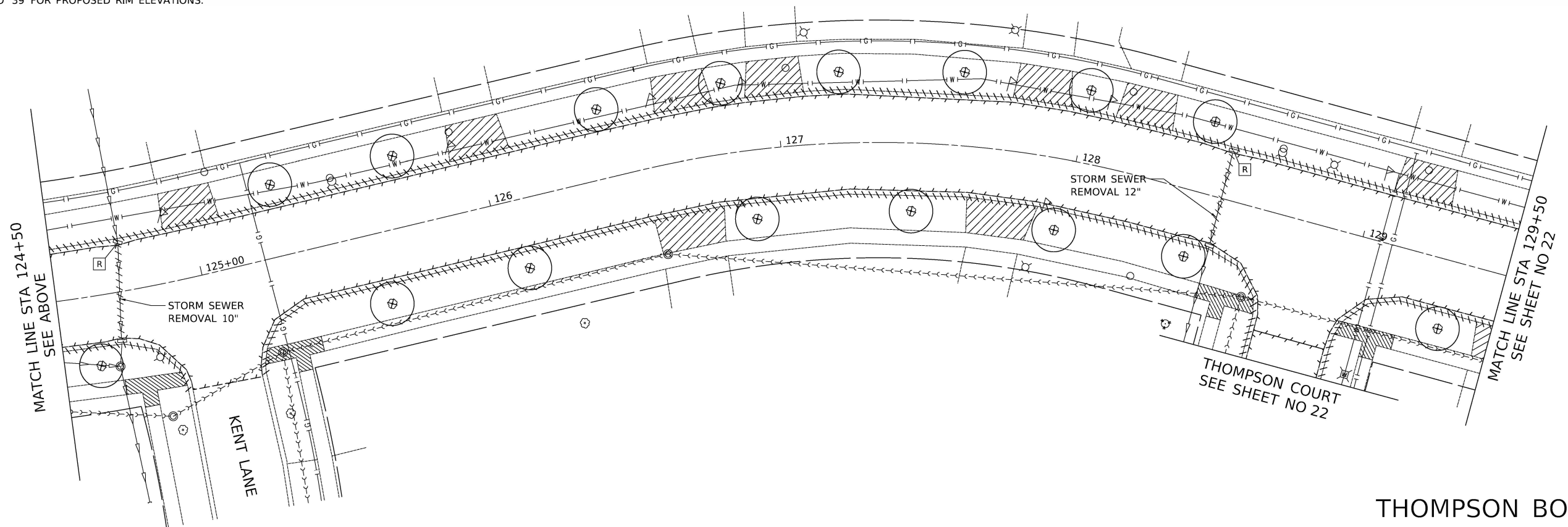
PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NOTE BOOK NO.	
	FILE NAME	



THOMPSON BOULEVARD

- NOTES:
- SEE SHEETS 27 TO 39 FOR PROPOSED RIM ELEVATIONS.

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



THOMPSON BOULEVARD

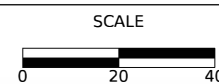
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FILE NAME: ...3223 C3 Thompson Rem 01.dgn



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CHECKED	-	KRK	REVISED	-
DATE	-	1/03/2019	REVISED	-

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REMOVAL PLAN - THOMPSON BOULEVARD

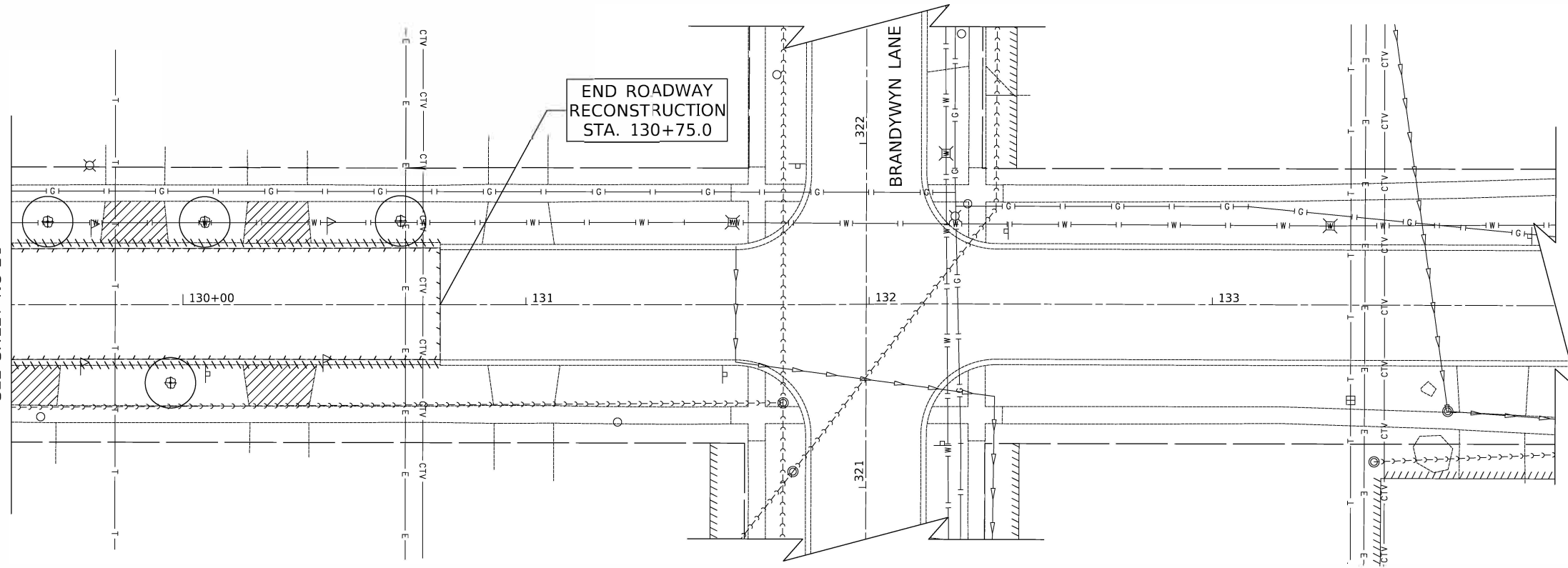
SHEET 4 OF 13 SHEETS STA. 119+50 TO STA. 129+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3260,4756	16-00107-00-RS	LAKE	122	21
CONTRACT NO. XXXXX				
ILLINOIS FED. AID PROJECT				

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

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

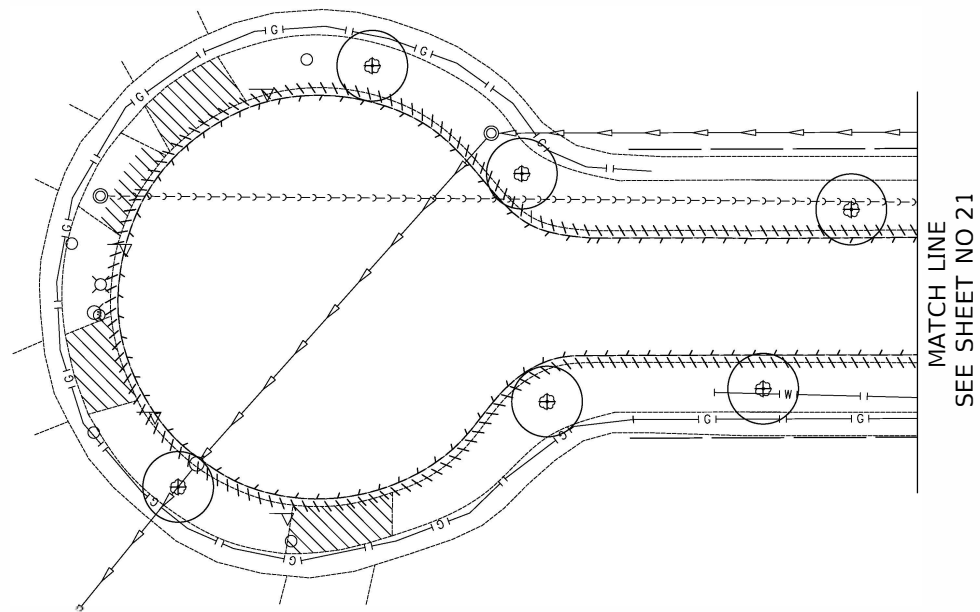
MATCH LINE STA 129+50  
SEE SHEET NO 21



THOMPSON BOULEVARD

NOTES:

- SEE SHEETS 27 TO 39 FOR PROPOSED RIM ELEVATIONS.



THOMPSON COURT

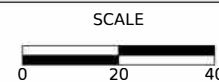
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FILE NAME: ...13223 C3 Thompson Rem 01.dgn



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CHECKED	-	KRK	REVISED	-
DATE	-	1/03/2019	REVISED	-

STATE OF ILLINOIS  
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REMOVAL PLAN - THOMPSON BOULEVARD

SHEET 5 OF 13 SHEETS STA. 129+50 TO STA. 139+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3260,4756	16-00107-00-R5	LAKE	122	22
				CONTRACT NO. 61H45
ILLINOIS FED. AID PROJECT				

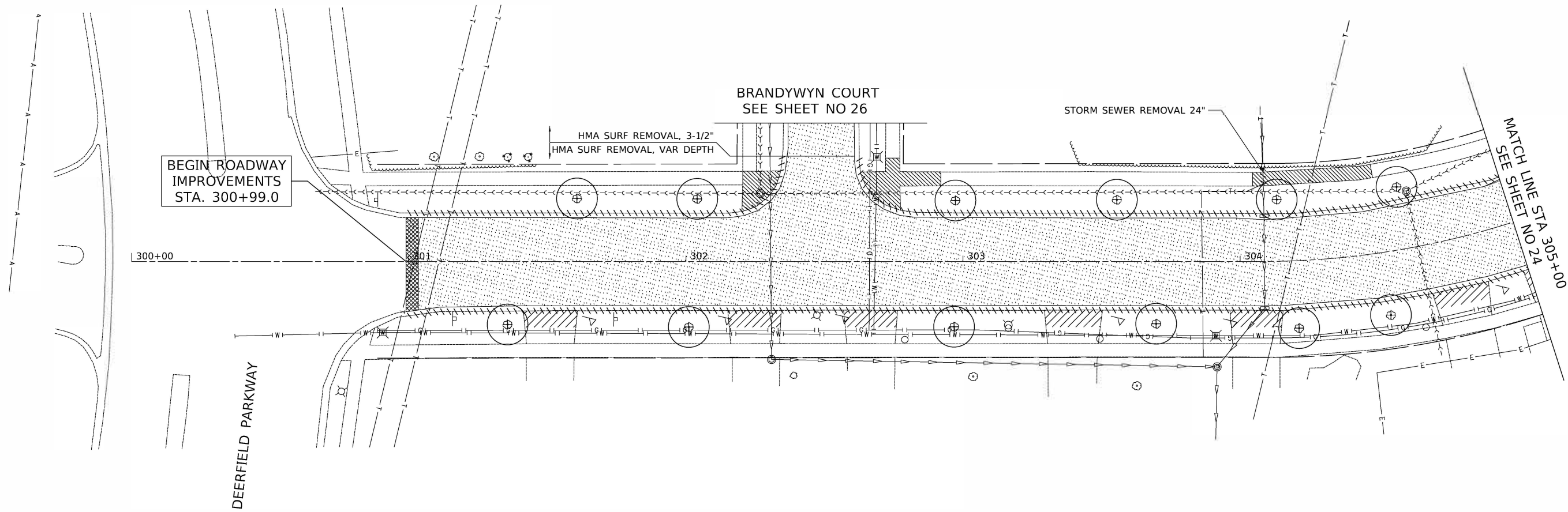
NOTES:

- SEE SHEETS 27 TO 39 FOR PROPOSED RIM ELEVATIONS.



PLAN	SUBMITTED	DATE
	PLOTTED	
NOTE BOOK NO.	ALIGNED	
	CHECKED	
	CADD FILE NAME	

PROFILE	SUBMITTED	DATE
	PLOTTED	
NOTE BOOK NO.	GRAPHS CHECKED	
	STRUCTURE NOTATIONS CHECKED	



MODEL: \\MODEL\NAMES  
FILE NAME: ...13223 C3\_brandywyn.litem\_01.dgn



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DEPARTMENT OF TRANSPORTATION



REMOVAL PLAN - BRANDYWYN LANE

SHEET 6 OF 9 SHEETS STA 300+99 TO STA 305+00

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2060,4801	16-00106-00-R5	LAKE	122	23
CONTRACT NO XXXXX				
ILLINOIS FED AID PROJECT				

BRANDYWYN LANE

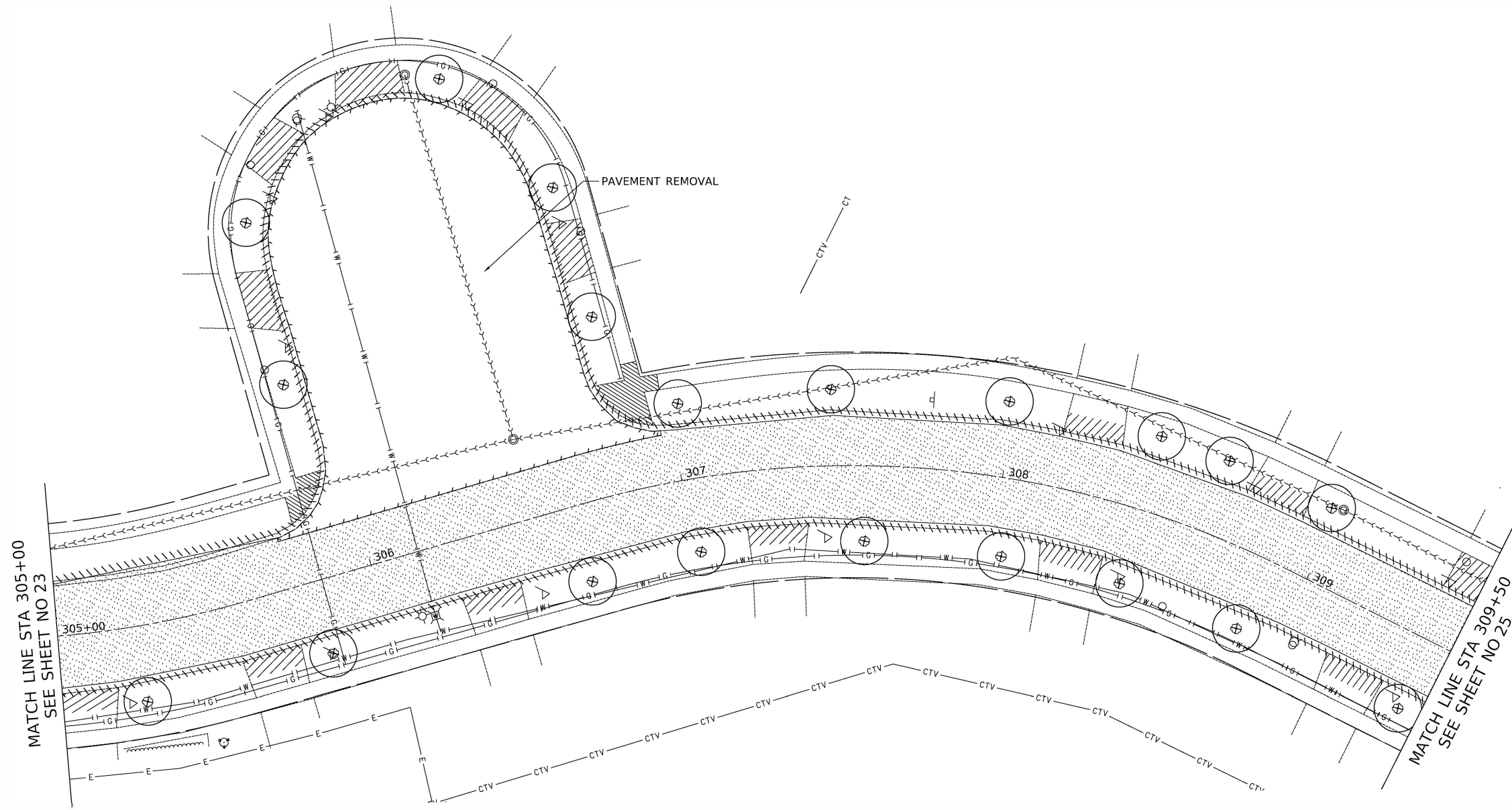


NOTES:

- SEE SHEETS 27 TO 39 FOR PROPOSED RIM ELEVATIONS.

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

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



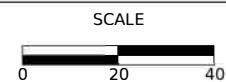
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FILE NAME: ...13223 C3 Brandywyn Rem 0 .dgn



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CHECKED -	KRK	REVISED -	
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REMOVAL PLAN - BRANDYWYN LANE

SHEET 7 OF 9 SHEETS STA 305+00 TO STA 309+50

BRANDYWYN LANE

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2060,4801	16-00106-00-RS	LAKE	122	24
CONTRACT NO XXXXX				
ILLINOIS FED AID PROJECT				

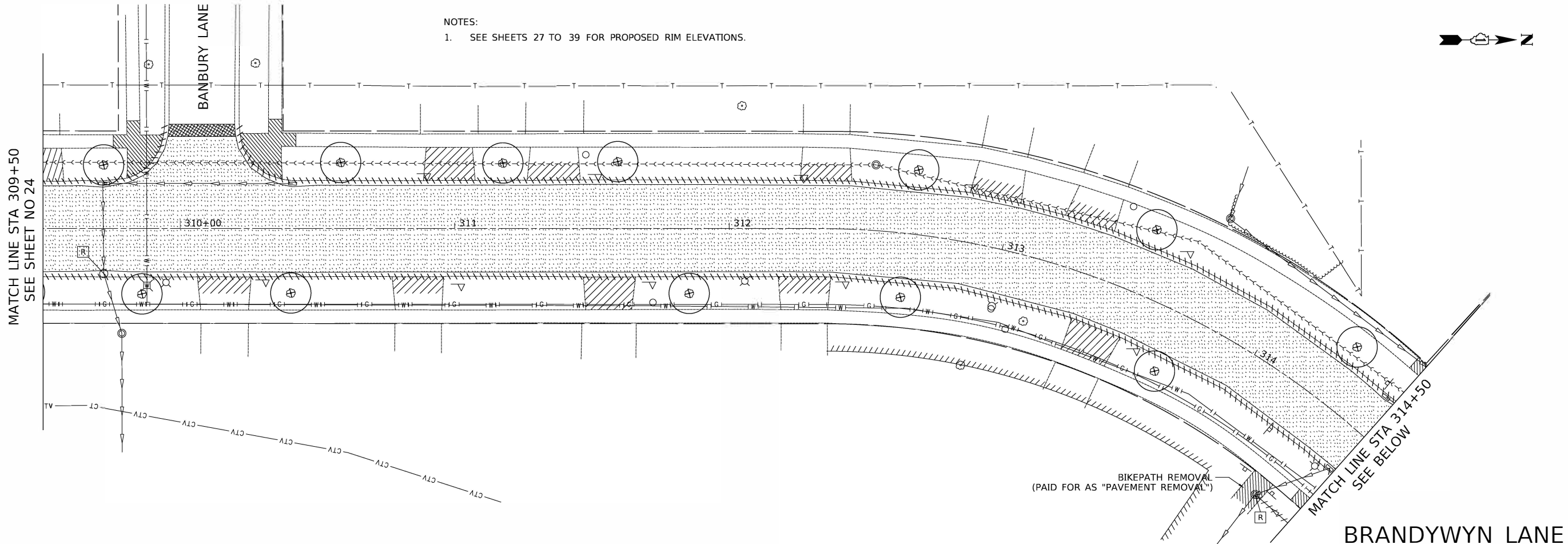
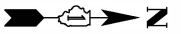


PLAN	SUBMITTED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	CAUD FILE NAME	
	NO.	

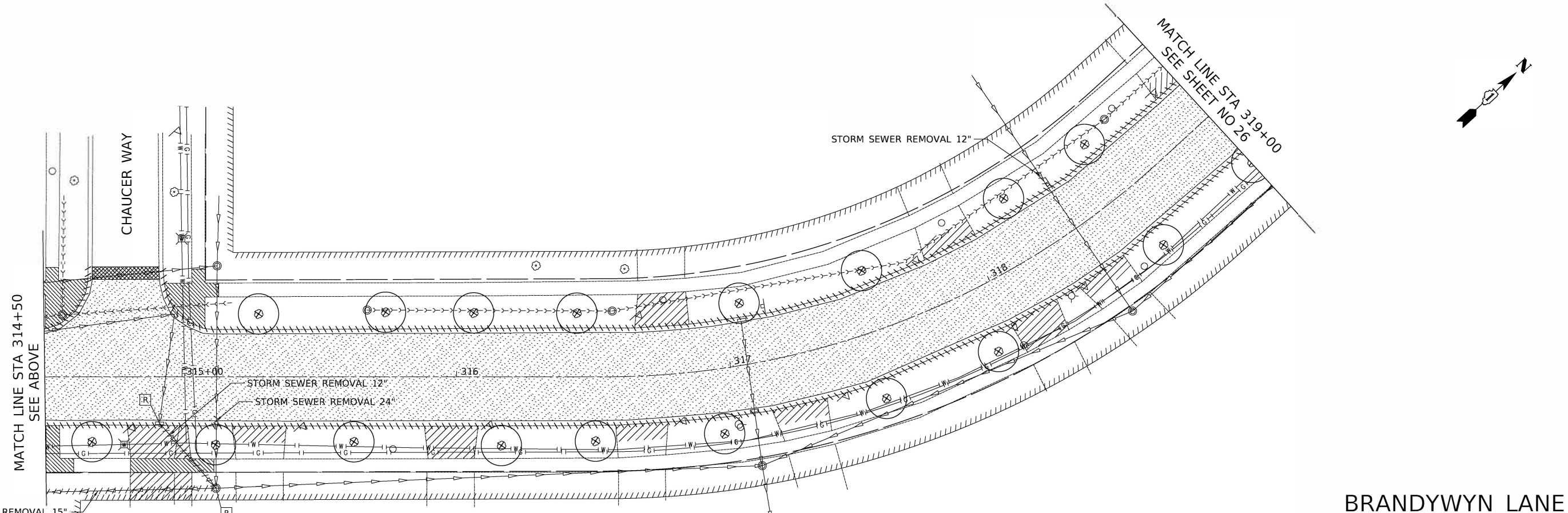
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	PLOTTED	
	GRAPHS CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	

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FILE NAME: ...13123 C3\_brandywyn\_Rem\_01.dgn

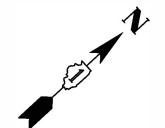
NOTES:  
1. SEE SHEETS 27 TO 39 FOR PROPOSED RIM ELEVATIONS.



BRANDYWYN LANE



BRANDYWYN LANE



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DRAWN -	JRR	REVISED -	
CHECKED -	KRK	REVISED -	
DATE -	1/03/2019	REVISED -	

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REMOVAL PLAN - BRANDYWYN LANE

SHEET 8 OF 9 SHEETS STA 309+50 TO STA 319+00

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2060,4801	16-00106-00-R5	LAKE	122	25
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

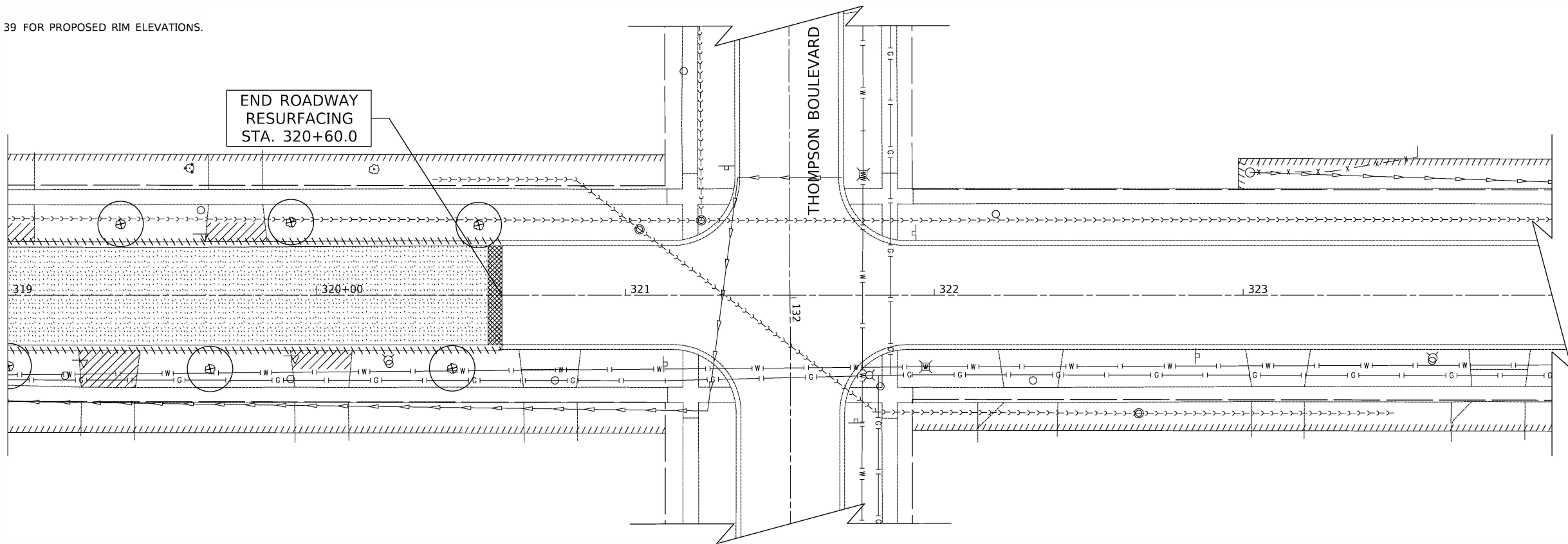
NOTES:

- SEE SHEETS 27 TO 39 FOR PROPOSED RIM ELEVATIONS.



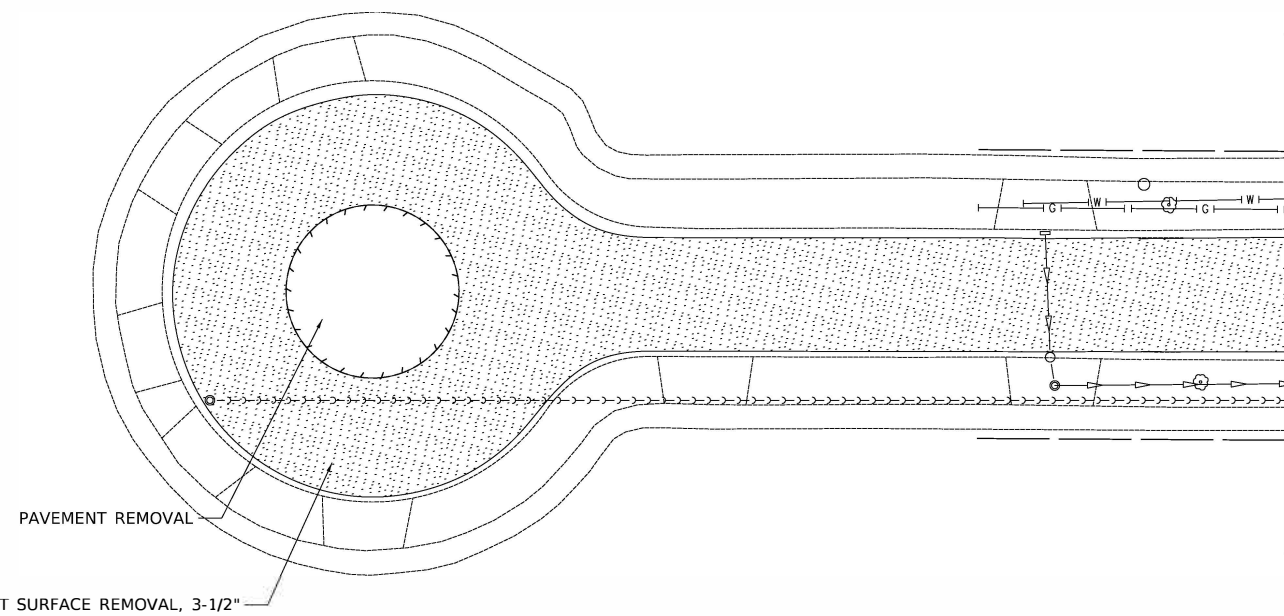
PLAN	SURVISED	DATE
	PLOTTED	BY
NOTE BOOK NO.	ALIGNMENT CHECKED	
	CAVD FILE NAME	

MATCH LINE STA 319+00  
SEE SHEET NO 25



BRANDYWYN LANE

PROFILE	SURVISED	DATE
	PLOTTED	BY
NOTE BOOK NO.	GRAPHS CHECKED	
	STRUCTURE NOTATIONS CHECKED	



MATCH LINE  
SEE SHEET NO 23



BRANDYWYN COURT

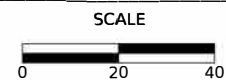
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FILE NAME: ...13223 C3\_brandywyn\_1item\_01.dgn



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REMOVAL PLAN - BRANDYWYN LANE

SHEET 9 OF 9 SHEETS STA 319+00 TO STA 320+60

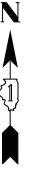
FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2060,4801	16-00106-00-RS	LAKE	12	
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

- 1 STA. 100+59.2, 43.0' LT  
D&U STRUC TO BE ADJ  
FR & LIDS T1 CL  
EX RIM = 720.40  
PR RIM = 720.43
- 2 S-A. 100+68.7, 38.2' RT  
H08-3517  
D&U STRUC TO BE ADJ  
FR & LIDS T1 CL  
EX RIM = 720.29  
PR RIM = 720.49
- 3 STA. 101+63.0, 26.4' LT  
H08-1504  
SAN MH TO BE ADJ  
FR & LIDS T1 CL  
EX RIM = 719.56  
PR RIM = 719.38

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

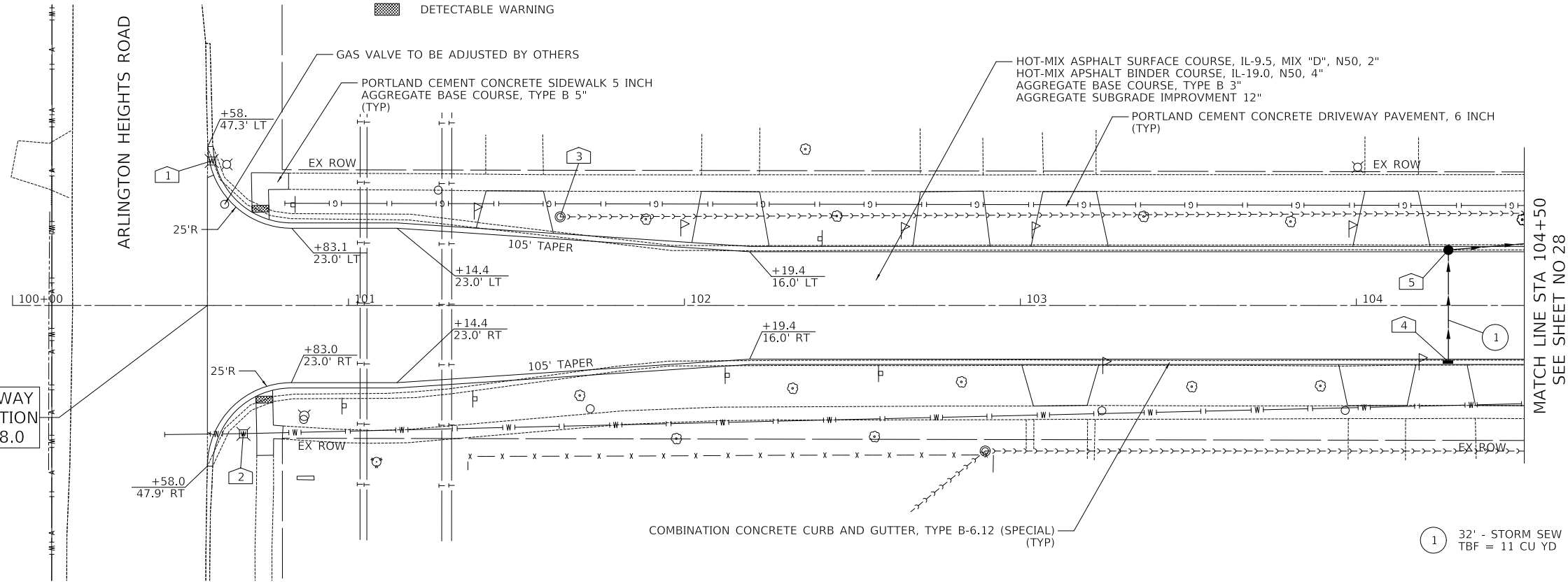
**NOTE:**  
1. DRIVEWAYS SHALL BE CONSTRUCTED PER VILLAGE DRIVEWAY APRON DETAIL.

- 4 STA. 104+27.4, 16.0' RT  
INLETS TA T11 F&G  
RIM = 717.70  
INV = 712.10 (12" N)
- 5 STA. 104+27.4, 16.0' LT  
CB TA 4 DIA T11 F&G  
RIM = 717.70  
INV = 711.78 (12" S)  
INV = 709.29 (12" E)



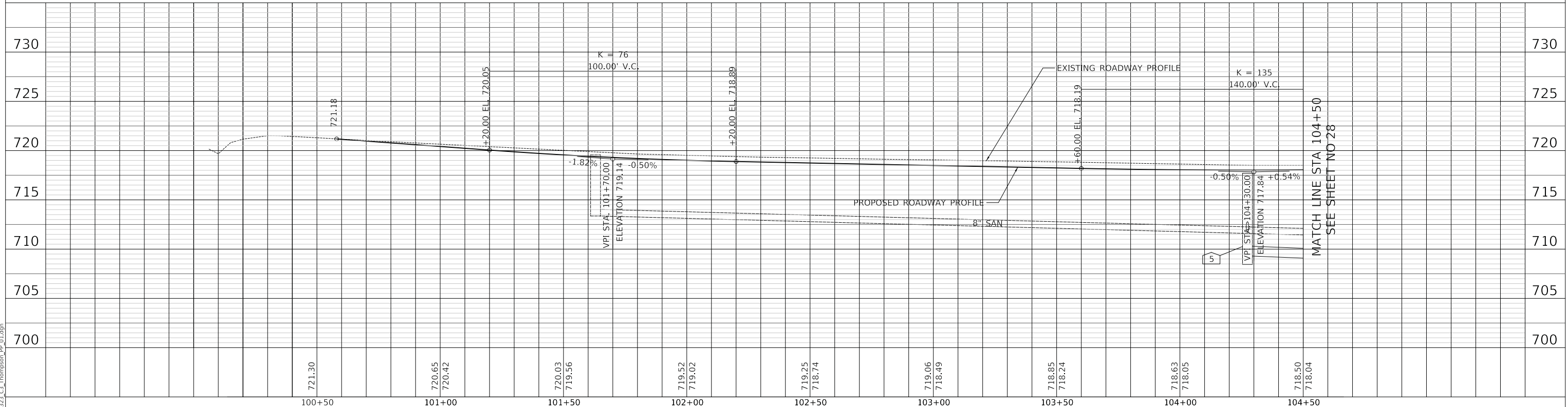
PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

BEGIN ROADWAY RECONSTRUCTION STA. 100+58.0



THOMPSON BOULEVARD

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



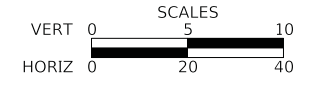
MATCH LINE STA 104+50  
SEE SHEET NO 28

MODEL: SH06LNAME5  
FILE NAME: ...1322\_C3\_Thompson\_pp\_01.dgn

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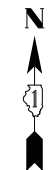
DESIGNED -	TGB	REVISED -	
DRAWN -	JRR	REVISED -	
CHECKED -	KRK	REVISED -	
DATE -	11/3/2021	REVISED -	

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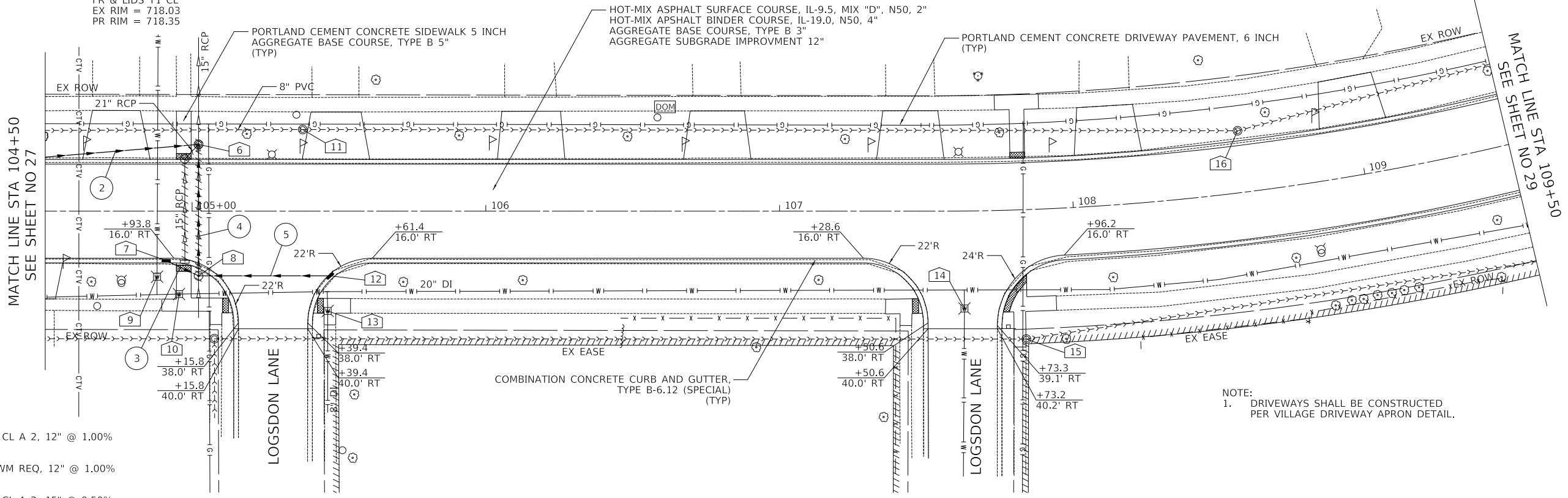


**PLAN & PROFILE - THOMPSON BOULEVARD**  
SHEET 1 OF 23 SHEETS  
STA 100+58 TO STA 104+50

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-RS	LAKE	122	27
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				



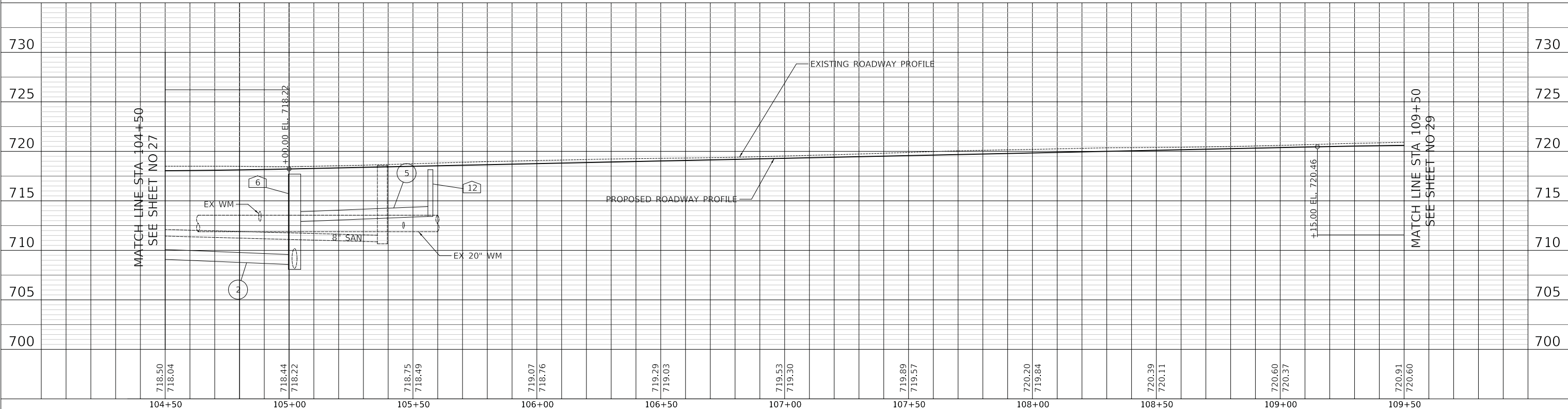
- 6 STA. 105+02.2, 22.7' LT  
MH TA 4 DIA T1F CL  
RIM = 718.22  
INV = 708.08 (EX 15" N)  
INV = 708.18 (15" S)  
INV = 708.58 (12" W)
- 7 STA. 104+91.2, 16.0' RT  
INLETS TA T11 F&G  
RIM = 717.85  
INV = 713.09 (12" E)
- 8 STA. 105+02.2, 22.0' RT  
MH TA 6 DIA T1F CL  
RIM = 718.29  
INV = 708.38 (15" N)  
INV = 708.38 (15" S)  
INV = 713.00 (12" E)  
INV = 713.00 (12" NW)
- 9 STA. 104+88.1, 22.3' RT  
H08-3509  
D&U STRUC TO BE ADJ  
FR & LIDS T1 CL  
EX RIM = 718.03  
PR RIM = 718.35
- 10 STA. 104+95.5, 28.2' RT  
H08-3511  
D&U STRUC TO BE REC  
FR & LIDS T1 CL  
EX RIM = 718.45  
PR RIM = 718.34
- 11 STA. 105+37.7, 27.8' LT  
H08-1505  
SAN MH TO BE REC  
FR & LIDS T1 CL  
EX RIM = 718.56  
PR RIM = 718.36
- 12 STA. 105+47.0, 22.0' RT  
INLETS TA T11 F&G  
RIM = 718.15  
INV = 713.42 (12" W)
- 13 S-TA. 105+46.2, 34.0' RT  
H08-1503  
D&U STRUC TO BE REC  
FR & LIDS T1 CL  
EX RIM = 718.58  
PR RIM = 718.48
- 14 STA. 107+62.6, 33.1' RT  
H08-3777  
D&U STRUC TO BE ADJ  
FR & LIDS T1 CL  
EX RIM = 719.39  
PR RIM = 719.38
- 15 STA. 107+82.6, 44.0' RT  
H08-1762  
SAN MH TO BE REC  
FR & LIDS T1 CL  
EX RIM = 719.72  
PR RIM = 719.66
- 16 STA. 108+58.8, 21.0' LT  
H08-1770  
SAN MH TO BE ADJ  
FR & LIDS T1 CL  
EX RIM = 719.77  
PR RIM = 720.25



- 2 71' - STORM SEW CL A 2, 12" @ 1.00%  
TBF = 85 CU YD
- 3 9' - STORM SEW WM REQ, 12" @ 1.00%  
TBF = 4 CU YD
- 4 41' - STORM SEW CL A 2, 15" @ 0.50%  
TBF = 52 CU YD
- 5 41' - STORM SEW WM REQ, 12" @ 1.00%  
TBF = 11 CU YD

NOTE:  
1. DRIVEWAYS SHALL BE CONSTRUCTED PER VILLAGE DRIVEWAY APRON DETAIL.

## THOMPSON BOULEVARD



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	ALIGNED	
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PROFILE	SURVEYED	DATE
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	STRUCTURE	
	NOTATION	
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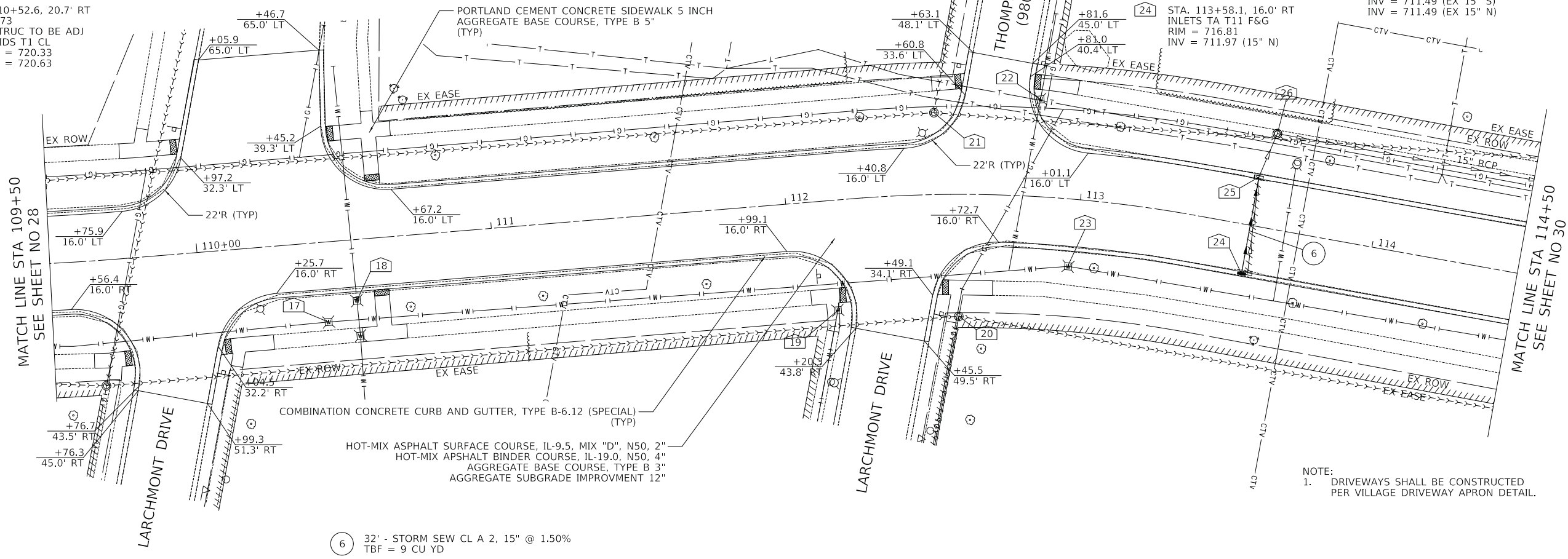
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	Two Pierce Place, Suite 1400 Itasca, Illinois 60143 Tel: 630.773.3900 Fax: 630.773.3975 www.civiltechinc.com	DESIGNED - TGB DRAWN - JRR CHECKED - KRK DATE - 11/3/2021	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	VERT 0 5 10 HORIZ 0 20 40	<b>PLAN &amp; PROFILE - THOMPSON BOULEVARD</b>	SHEET 2 OF 23 SHEETS STA 104+50 TO STA 109+50	MUN RTE 4756 4801 SECTION 16-00106-03-RS COUNTY LAKE TOTAL SHEETS 122 SHEET NO 28 CONTRACT NO 61H45 ILLINOIS FED AID PROJECT
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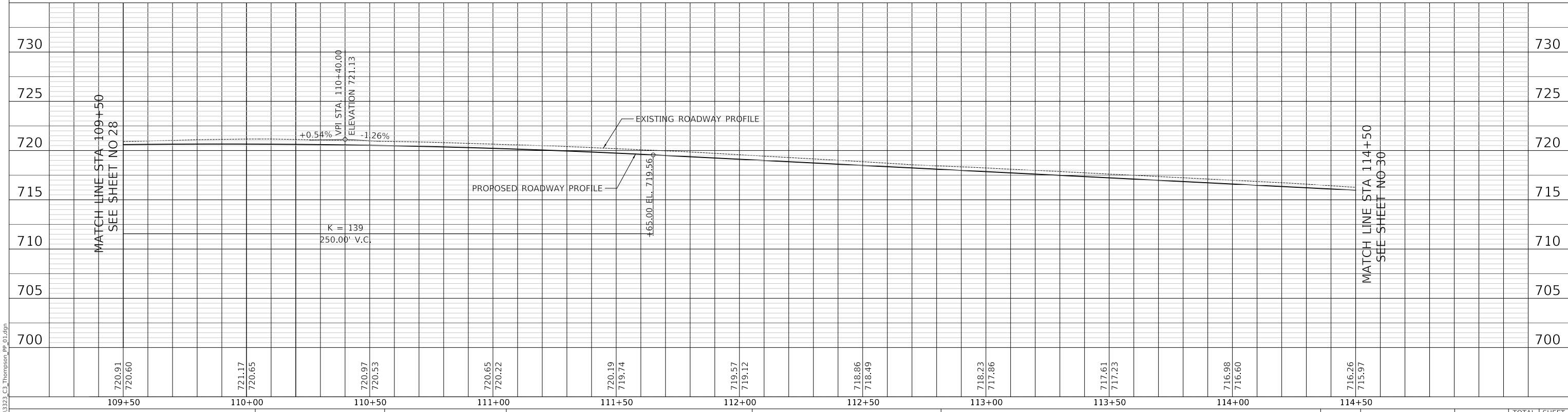
- 17 STA. 110+42.5, 20.7' RT H08-3774 D&U STRUC TO BE ADJ FR & LIDS T1 CL EX RIM = 720.51 PR RIM = 720.68
- 18 STA. 110+52.6, 20.7' RT H08-3773 D&U STRUC TO BE ADJ FR & LIDS T1 CL EX RIM = 720.33 PR RIM = 720.63
- 19 STA. 112+14.6, 37.3' RT H08-3767 D&U STRUC TO BE REC FR & LIDS T1 CL EX RIM = 719.01 PR RIM = 718.80
- 20 STA. 112+58.7, 41.3' RT H08-1768 D&U STRUC TO BE REC FR & LIDS T1 CL EX RIM = 718.92 PR RIM = 718.87
- 21 STA. 112+50.8, 27.8' LT H08-1757 SAN MH TO BE ADJ FR & LIDS T1 CL EX RIM = 718.48 PR RIM = 718.66
- 22 STA. 112+84.6, 32.9' LT H08-3763 D&U STRUC TO BE ADJ FR & LIDS T1 CL EX RIM = 718.16 PR RIM = 718.18
- 23 STA. 112+97.8, 22.8' RT H08-3765 D&U STRUC TO BE ADJ FR & LIDS T1 CL EX RIM = 717.86 PR RIM = 718.04
- 24 STA. 113+58.1, 16.0' RT INLETS TA T11 F&G RIM = 716.81 INV = 711.97 (15" N)
- 25 STA. 113+58.1, 16.0' LT H08-7768 D&U STRUC TO BE ADJ FR & GRATES T11 EX RIM = 716.66 PR RIM = 716.81 INV = 711.49 (EX 15" S) INV = 711.49 (EX 15" N)
- 26 STA. 113+61.7, 32.2' LT H08-7769 D&U STRUC TO BE ADJ FR & LIDS T1 CL EX RIM = 717.20 PR RIM = 717.04

PLAN	SURVEYED	DATE
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	FILE NAME	

PROFILE	SURVEYED	DATE
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	GRADES	
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	STRUCTURE	
	NOTATION	



# THOMPSON BOULEVARD



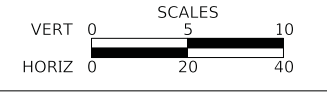
109+50	110+00	110+50	111+00	111+50	112+00	112+50	113+00	113+50	114+00	114+50
720.91 720.60	721.17 720.65	720.97 720.53	720.65 720.22	720.19 719.74	719.57 719.12	718.86 718.49	718.23 717.86	717.61 717.23	716.98 716.60	716.26 715.97



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DEPARTMENT OF TRANSPORTATION



PLAN & PROFILE - THOMPSON BOULEVARD

SHEET 3 OF 23 SHEETS STA 109+50 TO STA 114+50

MUN RTE 4756 4801	SECTION 16-00106-03-RS	COUNTY LAKE	TOTAL SHEETS 122	SHEET NO 29
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

- 27 STA. 114+82.6, 40.0' LT  
CB TC T11 F&G  
RIM = 715.11  
INV = 710.16 (12" S)
- 28 STA. 114+81.6, 32.0 LT  
MH TA 4 DIA T1F CL  
(SEE NOTE 3)  
RIM = 715.30  
INV = 710.06 (12" N)  
INV = 709.46 (15" W)  
INV = 709.40 (15" E)
- 29 STA. 115+13.3, 37.2' LT  
H09-3521  
D&U STRUC TO BE REC  
FR & LIDS T1 CL  
EX RIM = 714.75  
PR RIM = 714.69
- 30 STA. 115+20.6, 25.4' LT  
H09-3523  
D&U STRUC TO BE ADJ  
FR & LIDS T1 CL  
EX RIM = 714.67  
PR RIM = 714.88
- 31 STA. 114+83.9, 26.5' RT  
D&U STRUC TO BE ADJ  
FR & GRATES T11  
EX RIM = 714.81  
PR RIM = 714.82  
INV = 710.81 (EX 12" E)

- 32 STA. 118+68.9, 21.0' LT  
H09-3501  
D&U STRUC TO BE ADJ  
FR & LIDS T1 CL  
EX RIM = 709.38  
PR RIM = 709.36

- 33 STA. 118+41.6, 24.7' RT  
H09-7515  
D&U STRUC TO BE ADJ  
FR & GRATES T11  
EX RIM = 709.43  
PR RIM = 709.05

- 34 STA. 118+88.7, 31.2' RT  
H09-1514  
SAN MH TO BE ADJ  
FR & LIDS T1 CL  
EX RIM = 709.60  
PR RIM = 709.76

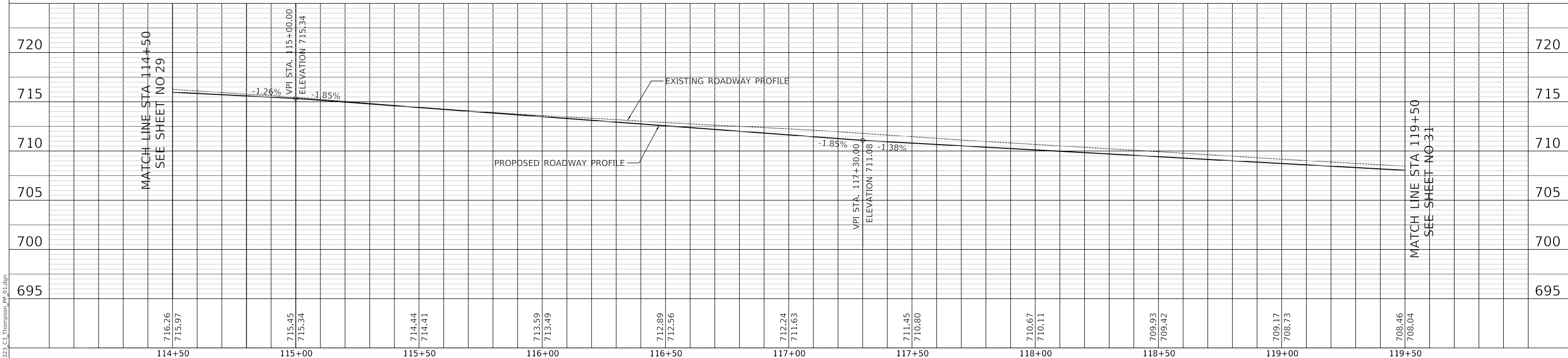
- 35 STA. 118+88.1, 144.0' RT  
H09-1513  
SAN MH TO BE REC  
FR & LIDS T1 CL  
EX RIM = 711.02  
PR RIM = 710.92

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- 7 5' - STORM SEW CL A 2, 12" @ 2.00%  
TBF = 2 CU YD
- 8 142' - STORM SEW WM REQ, 12" @ 1.72%  
TBF = 28 CU YD

- NOTE:
1. DRIVEWAYS SHALL BE CONSTRUCTED PER VILLAGE DRIVEWAY APRON DETAIL.
  2. THE CONTRACTOR SHALL CONFIRM THE DOWNSTREAM INVERT AND LOCATION OF THE STORM SEWER CROSSING PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY TO DETERMINE ANY REQUIRED REVISIONS TO THE STORM SEWER. THIS WORK SHALL BE PAID FOR AS "EXPLORATION TRENCH, SPECIAL."
  3. RISER SECTION OF PROPOSED MANHOLE SHALL BE ROTATED IN SUCH A WAY TO ENSURE FRAME AND LID ARE OUTSIDE OF PROPOSED PAVEMENT AND BEHIND PROPOSED BACK OF CURB.

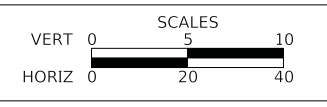


114+50	115+00	115+50	116+00	116+50	117+00	117+50	118+00	118+50	119+00	119+50
716.26 715.97	715.45 715.34	714.44 714.41	713.59 713.49	712.89 712.56	712.24 711.63	711.45 710.80	710.67 710.11	709.93 709.42	709.17 708.73	708.46 708.04

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DEPARTMENT OF TRANSPORTATION



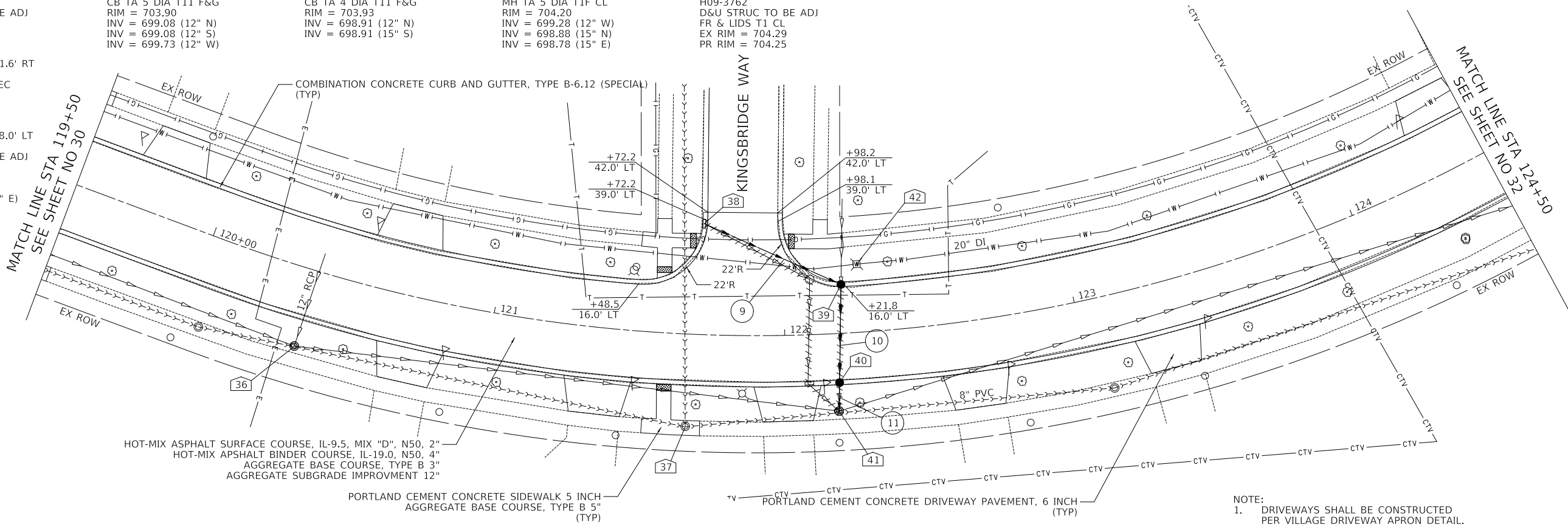
PLAN & PROFILE - THOMPSON BOULEVARD  
SHEET 4 OF 23 SHEETS  
STA 114+50 TO STA 119+50

MUN RTE 4756 4801	SECTION 16-00106-03-R5	COUNTY LAKE	TOTAL SHEETS 122	SHEET NO 30
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

36	STA. 120+37.5, 26.9' RT H09-7516 D&U STRUC TO BE ADJ FR & LIDS T1 CL EX RIM = 706.93 PR RIM = 706.83	39	STA. 122+20.2, 16.1' LT CB TA 5 DIA T11 F&G RIM = 703.90 INV = 699.08 (12" N) INV = 699.08 (12" S) INV = 699.73 (12" W)	40	STA. 122+18.0, 16.0' RT CB TA 4 DIA T11 F&G RIM = 703.93 INV = 698.91 (12" N) INV = 698.91 (15" S)	41	STA. 122+17.3, 26.6' RT MH TA 5 DIA T1F CL RIM = 704.20 INV = 699.28 (12" W) INV = 698.88 (15" N) INV = 698.78 (15" E)	42	STA. 122+26.2, 23.4' LT H09-3762 D&U STRUC TO BE ADJ FR & LIDS T1 CL EX RIM = 704.29 PR RIM = 704.25
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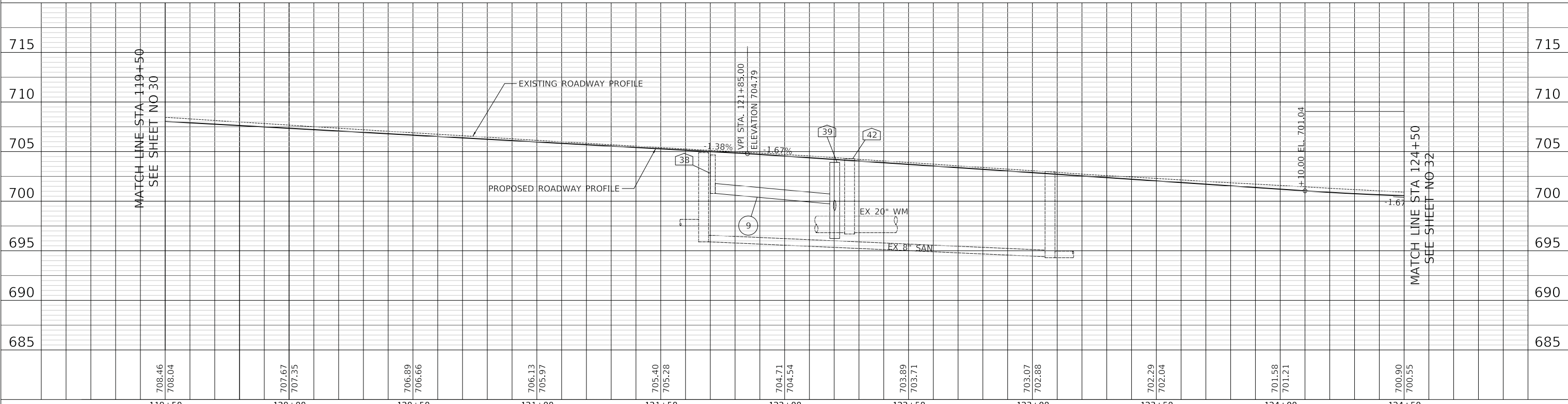
37 STA. 121+67.3, 31.6' RT  
H09-1752  
SAN MH TO BE REC  
FR & LIDS T1 CL  
EX RIM = 704.90  
PR RIM = 704.99

38 STA. 121+71.0, 38.0' LT  
H09-7765  
D&U STRUC TO BE ADJ  
FR & GRATES T11  
EX RIM = 704.58  
PR RIM = 704.66  
INV = 700.78 (12" E)



- 9 48' - STORM SEW WM REQ, 12" @ 2.18%  
TBF = 8 CU YD
- 10 33' - STORM SEW WM REQ, 12" @ 0.50%  
TBF = 9 CU YD
- 11 6' - STORM SEW CL A 2, 15' @ 0.50%  
TBF = 2 CU YD

# THOMPSON BOULEVARD

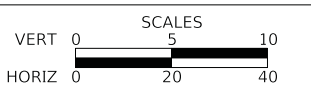


708.46 708.04	707.67 707.35	706.89 706.66	706.13 705.97	705.40 705.28	704.71 704.54	703.89 703.71	703.07 702.88	702.29 702.04	701.58 701.21	700.90 700.55
119+50	120+00	120+50	121+00	121+50	122+00	122+50	123+00	123+50	124+00	124+50

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DEPARTMENT OF TRANSPORTATION**



**PLAN & PROFILE - THOMPSON BOULEVARD**

SHEET 5 OF 23 SHEETS STA 119+50 TO STA 124+50

MUN RTE 4756 4801	SECTION 16-00106-03-RS	COUNTY LAKE	TOTAL SHEETS 122	SHEET NO 31
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

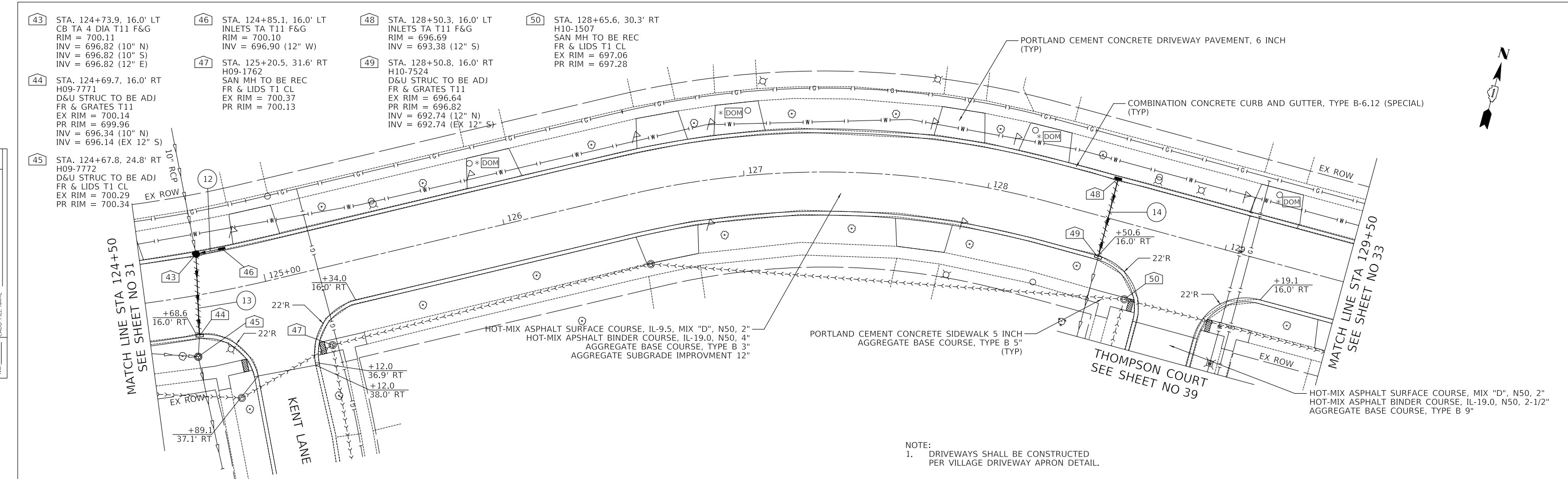
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PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	BY
	STRUCTURE NOTATIONS CHECKED	

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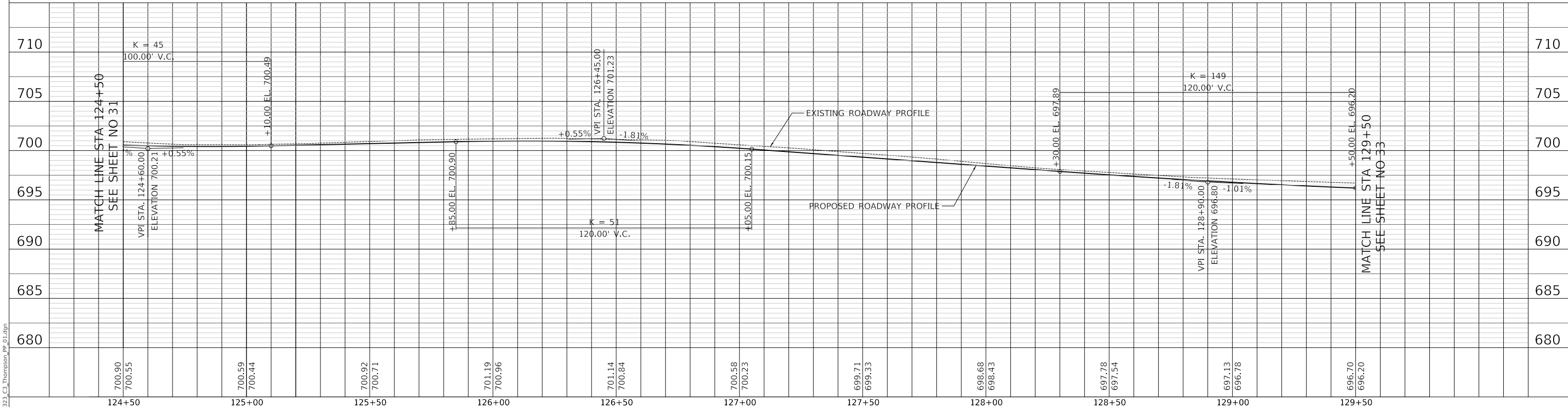
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- 12 8' - STORM SEW WM REQ, 12" @ 1.00%  
TBF = 1 CU YD
- 13 33' - STORM SEW WM REQ, 10" @ 1.45%  
TBF = 4 CU YD
- 14 32' - STORM SEW WM REQ, 12" @ 2.00%  
TBF = 4 CU YD

NOTE:  
1. DRIVEWAYS SHALL BE CONSTRUCTED PER VILLAGE DRIVEWAY APRON DETAIL.

## THOMPSON BOULEVARD



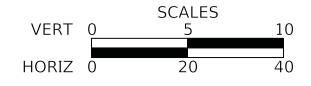
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**



**PLAN & PROFILE - THOMPSON BOULEVARD**

SHEET 6 OF 23 SHEETS STA 124+50 TO STA 129+50

MUN RTE 4756 4801	SECTION 16-00106-03-R5	COUNTY LAKE	TOTAL SHEETS 122	SHEET NO 32
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

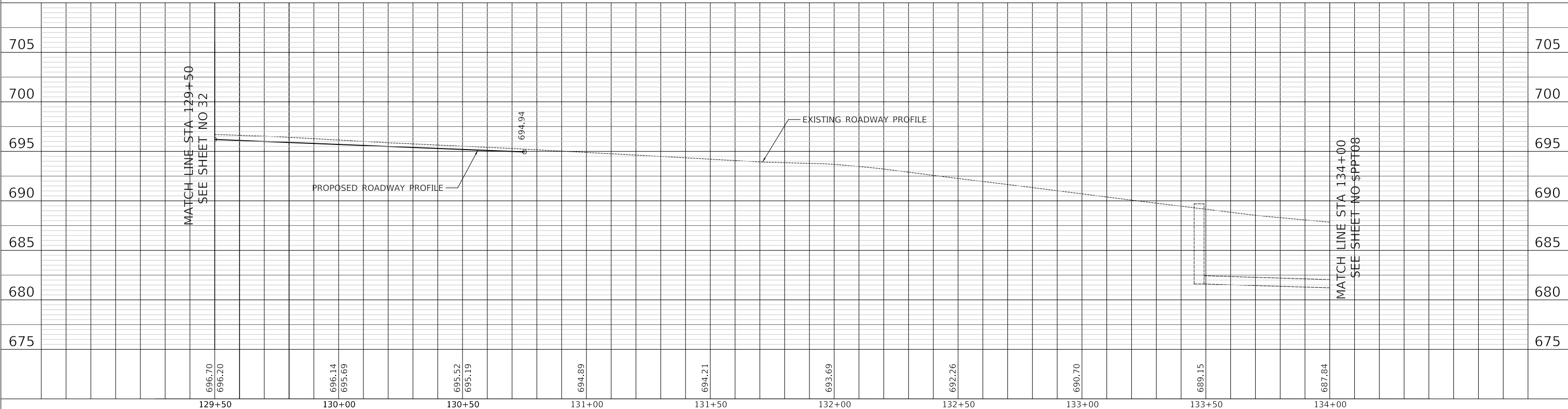
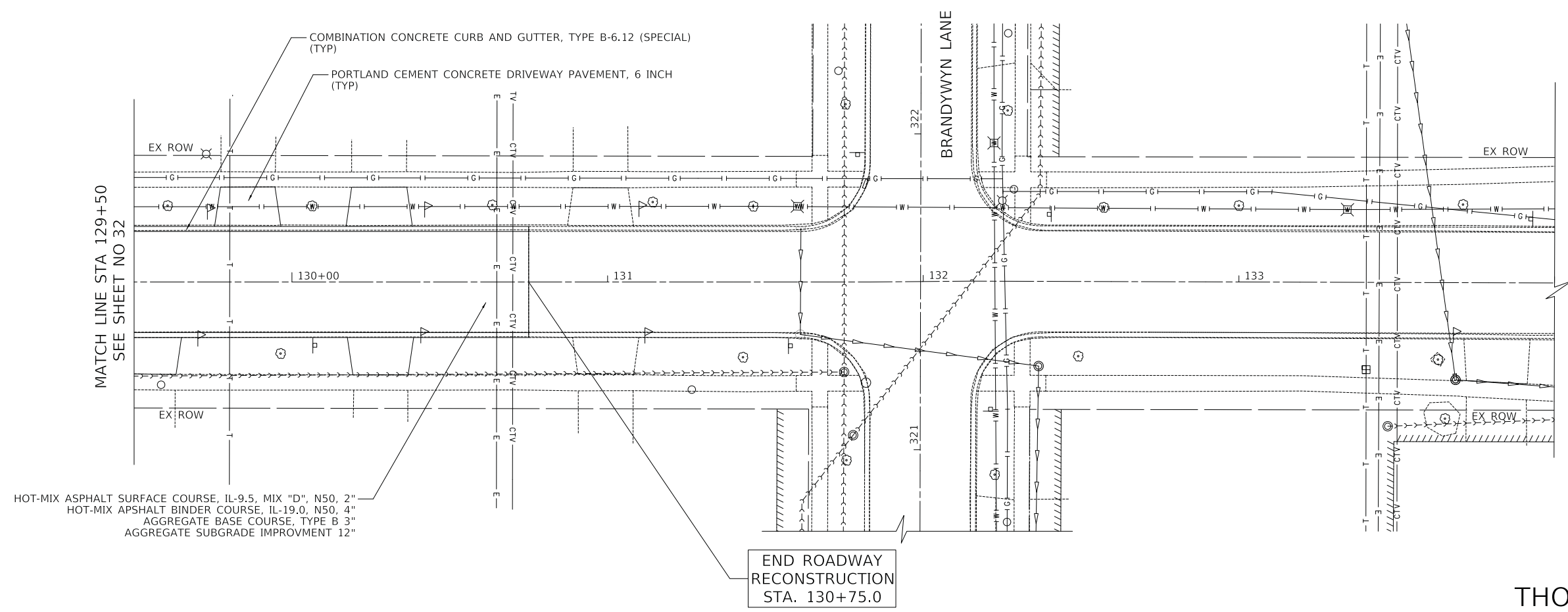


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NOTE:  
1. DRIVEWAYS SHALL BE CONSTRUCTED PER VILLAGE DRIVEWAY APRON DETAIL.



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DRAWN - JRR	REVISED -			SHEET 7 OF 23 SHEETS			CONTRACT NO 61H45				
CHECKED - KRK	REVISED -			STA 129+50 TO STA 130+75			ILLINOIS FED AID PROJECT				
DATE - 11/3/2021	REVISED -										

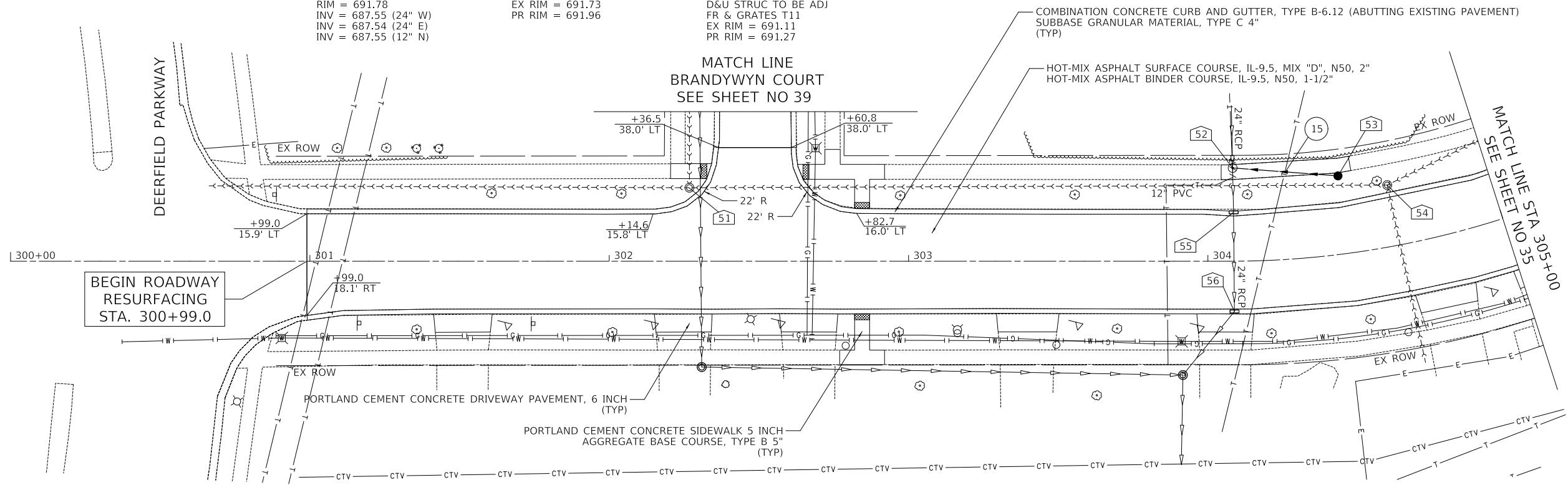
NOTE:  
1. DRIVEWAYS SHALL BE CONSTRUCTED PER VILLAGE DRIVEWAY APRON DETAIL.

- 51 STA. 302+26.8, 24.6' LT  
G10-1006  
SAN MH TO BE ADJ  
FR & LIDS T1 CL  
EX RIM = 692.01  
PR RIM = 692.16
- 52 STA. 304+08.4, 31.2' LT  
MH TA 5 DIA T1F CL  
RIM = 691.78  
INV = 687.55 (24" W)  
INV = 687.54 (24" E)  
INV = 687.55 (12" N)
- 53 STA. 304+47.0, 26.1' LT  
CB TC T1F OL  
RIM = 691.60  
INV = 687.87 (12" S)
- 54 STA. 304+64.1, 20.4' LT  
G10-1004  
SAN MH TO BE ADJ  
FR & LIDS T1 CL  
EX RIM = 691.73  
PR RIM = 691.96
- 55 STA. 304+08.7, 15.1' LT  
G10-7020  
D&U STRUC TO BE ADJ  
FR & GRATES T11  
EX RIM = 691.12  
PR RIM = 691.29
- 56 STA. 304+08.8, 16.0' RT  
G10-7021  
D&U STRUC TO BE ADJ  
FR & GRATES T11  
EX RIM = 691.11  
PR RIM = 691.27



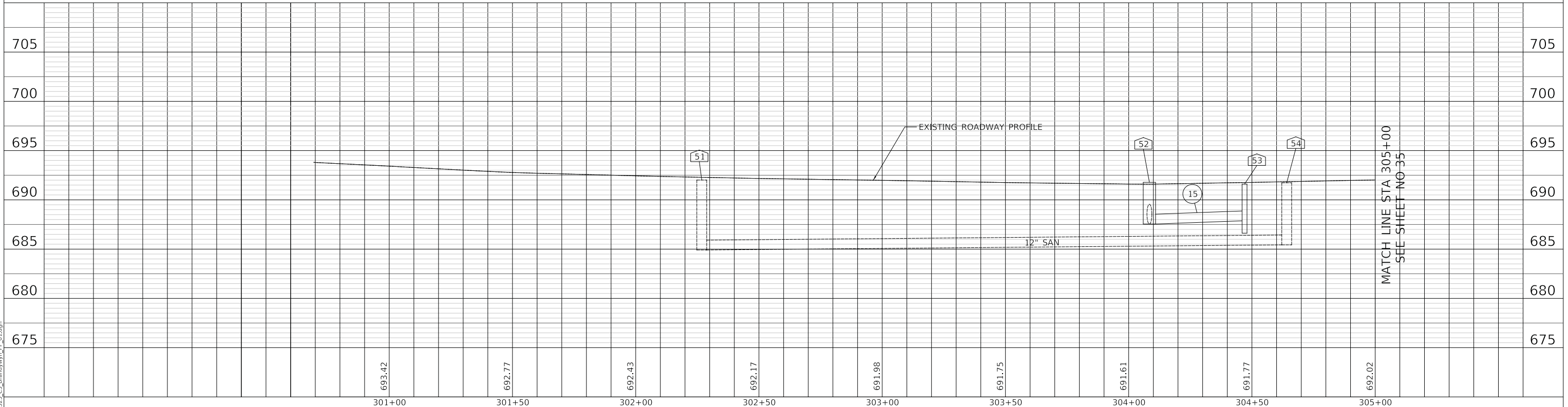
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PROFILE	SURVEYED	DATE
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	GRADES	
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	STRUCTURE	
	NOTATION	
	NO.	



15 32' - STORM SEW WM REQ, 12" @ 1.00%  
TBF = 8 CU YD

# BRANDYWYN LANE



MODEL: SH06LNAMEES  
FILE NAME: ...13223\_C3\_brandywyn\_pp\_01.dgn



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**DEPARTMENT OF TRANSPORTATION**



**PLAN & PROFILE - BRANDYWYN LANE**

SHEET 1 OF 22 SHEETS STA TO STA

MUN RTE 4756 4801	SECTION 16-00106-03-RS	COUNTY LAKE	TOTAL SHEETS 122	SHEET NO 34
ILLINOIS FED AID PROJECT			CONTRACT NO 61H45	

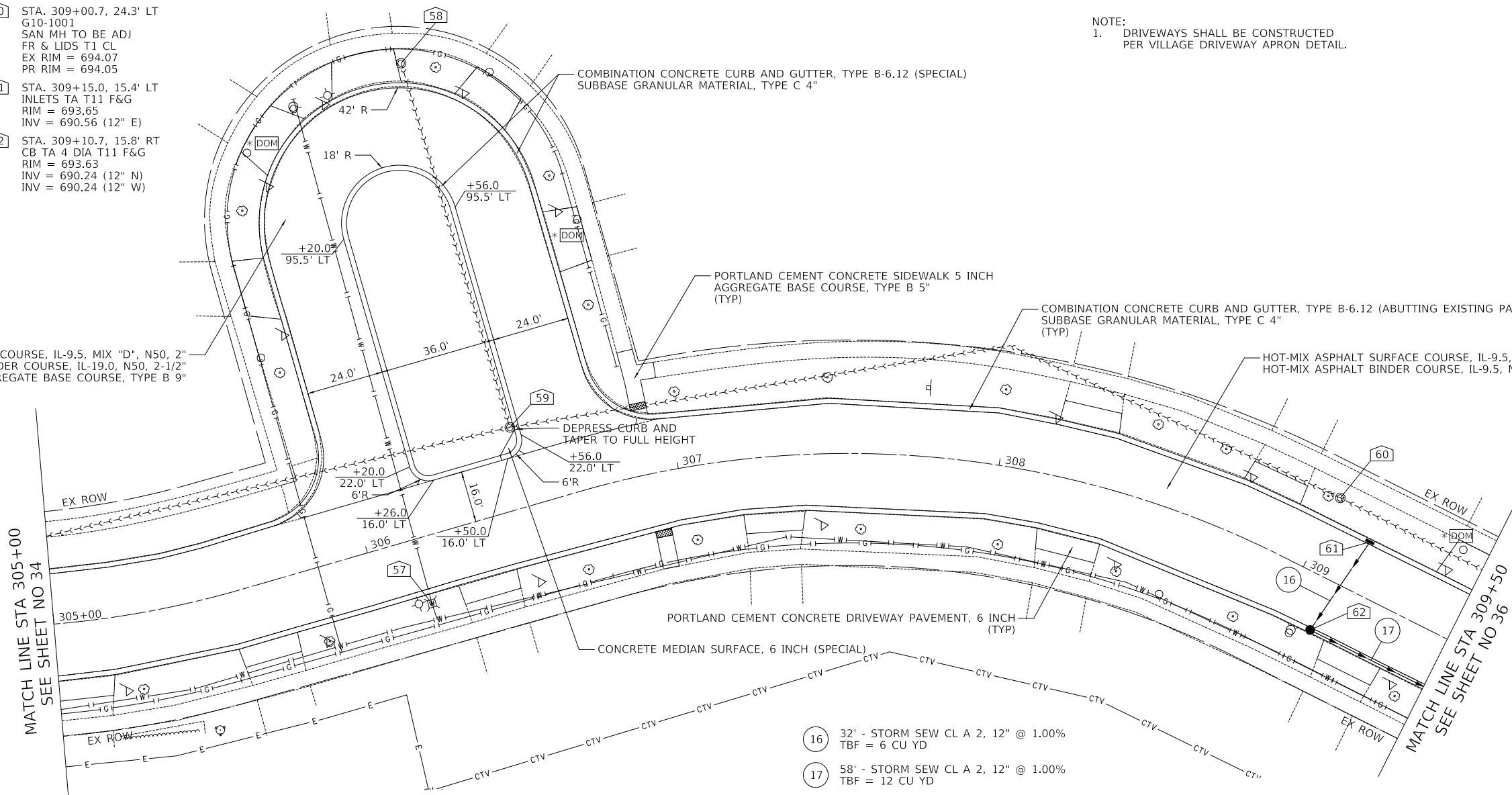
NOTE:  
1. DRIVEWAYS SHALL BE CONSTRUCTED PER VILLAGE DRIVEWAY APRON DETAIL.



- 57 STA. 306+14.9, 20.6' RT  
G10-3011  
D&U STRUC TO BE ADJ  
FR & LIDS T1 CL  
EX RIM = 692.44  
PR RIM = 692.79
- 58 STA. 306+52.3, 143.1' LT  
G10-1003  
SAN MH TO BE ADJ  
FR & LIDS T1 CL  
EX RIM = 693.51  
PR RIM = 693.46
- 59 STA. 306+53.3, 25.2' LT  
G10-1002  
SAN MH TO BE ADJ  
FR & LIDS T1 CL  
EX RIM = 692.67  
PR RIM = 693.00
- 60 STA. 309+00.7, 24.3' LT  
G10-1001  
SAN MH TO BE ADJ  
FR & LIDS T1 CL  
EX RIM = 694.07  
PR RIM = 694.05
- 61 STA. 309+15.0, 15.4' LT  
INLETS TA T11 F&G  
RIM = 693.65  
INV = 690.56 (12" E)
- 62 STA. 309+10.7, 15.8' RT  
CB TA 4 DIA T11 F&G  
RIM = 693.63  
INV = 690.24 (12" N)  
INV = 690.24 (12" W)

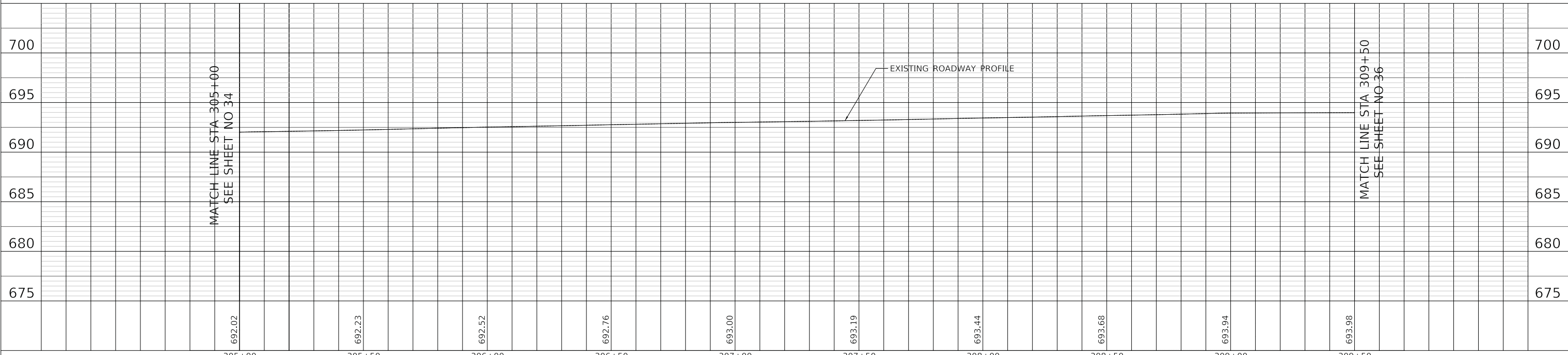
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PROFILE	SURVEYED	DATE
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	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATION	
	NO.	



- 16 32' - STORM SEW CL A 2, 12" @ 1.00%  
TBF = 6 CU YD
- 17 58' - STORM SEW CL A 2, 12" @ 1.00%  
TBF = 12 CU YD

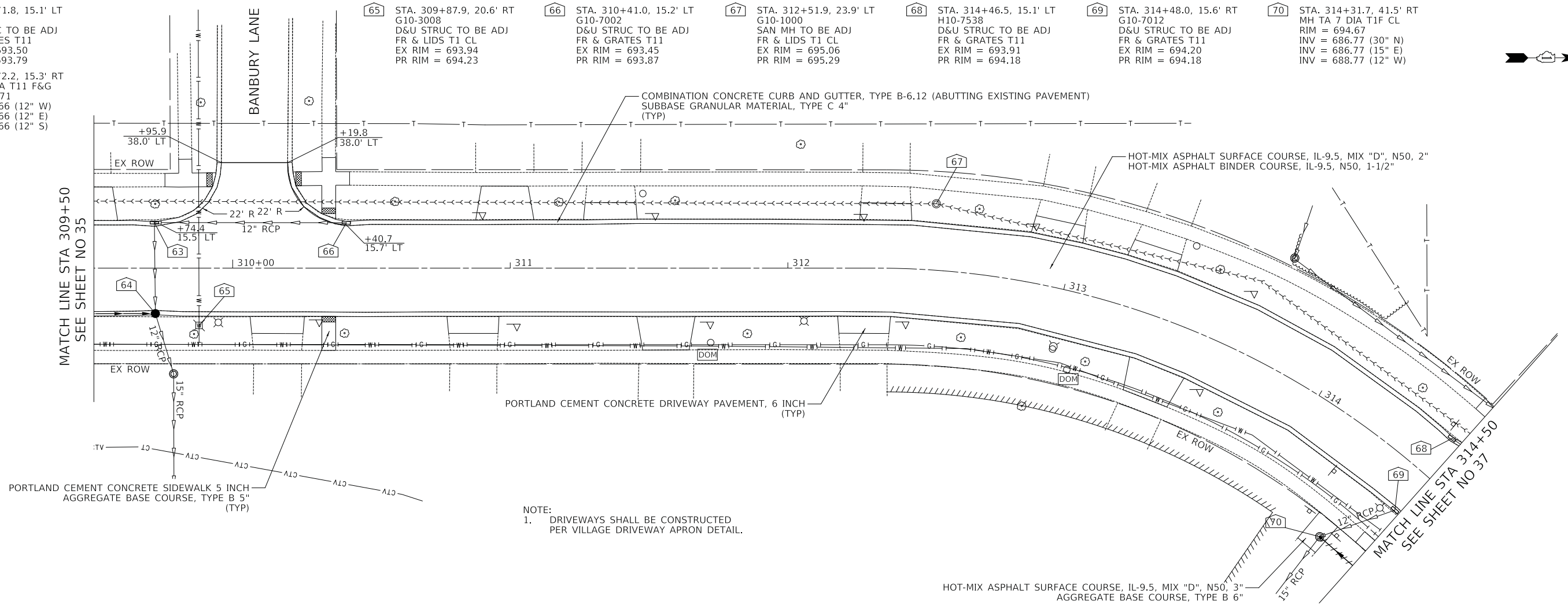
**BRANDYWYN LANE**



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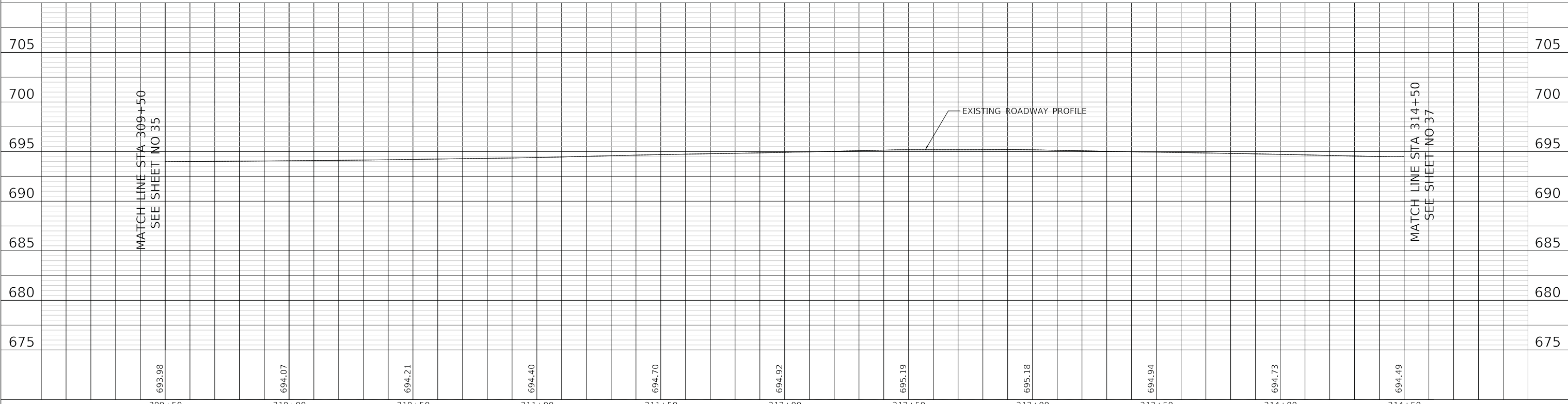
	Two Pierce Place, Suite 1400 Itasca, Illinois 60143 Tel: 630.773.3900 Fax: 630.773.3975 www.civiltechinc.com	DESIGNED - TGB	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	VERT 0 5 10 HORIZ 0 20 40	<b>PLAN &amp; PROFILE - BRANDYWYN LANE</b>	MUN RTE 4756 4801	SECTION 16-00106-03-R5	COUNTY LAKE	TOTAL SHEETS 122	SHEET NO 35
		CHECKED - KRK	REVISED -				CONTRACT NO 61H45				
		DATE - 11/3/2021	REVISED -			SHEET 2 OF 22 SHEETS	STA	TO STA			
								ILLINOIS FED AID PROJECT			

**63** STA. 309+71.8, 15.1' LT  
 G10-7003  
 D&U STRUC TO BE ADJ  
 FR & GRATES T11  
 EX RIM = 693.50  
 PR RIM = 693.79  
  
**64** STA. 309+72.2, 15.3' RT  
 CB TA 4 DIA T11 F&G  
 RIM = 693.71  
 INV = 689.66 (12" W)  
 INV = 689.66 (12" E)  
 INV = 689.66 (12" S)  
  
**65** STA. 309+87.9, 20.6' RT  
 G10-3008  
 D&U STRUC TO BE ADJ  
 FR & LIDS T1 CL  
 EX RIM = 693.94  
 PR RIM = 694.23  
  
**66** STA. 310+41.0, 15.2' LT  
 G10-7002  
 D&U STRUC TO BE ADJ  
 FR & GRATES T11  
 EX RIM = 693.45  
 PR RIM = 693.87  
  
**67** STA. 312+51.9, 23.9' LT  
 G10-1000  
 SAN MH TO BE ADJ  
 FR & LIDS T1 CL  
 EX RIM = 695.06  
 PR RIM = 695.29  
  
**68** STA. 314+46.5, 15.1' LT  
 H10-7538  
 D&U STRUC TO BE ADJ  
 FR & GRATES T11  
 EX RIM = 693.91  
 PR RIM = 694.18  
  
**69** STA. 314+48.0, 15.6' RT  
 G10-7012  
 D&U STRUC TO BE ADJ  
 FR & GRATES T11  
 EX RIM = 694.20  
 PR RIM = 694.18  
  
**70** STA. 314+31.7, 41.5' RT  
 MH TA 7 DIA T1F CL  
 RIM = 694.67  
 INV = 686.77 (30" N)  
 INV = 686.77 (15" E)  
 INV = 688.77 (12" W)



NOTE:  
1. DRIVEWAYS SHALL BE CONSTRUCTED PER VILLAGE DRIVEWAY APRON DETAIL.

**BRANDYWYN LANE**

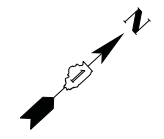


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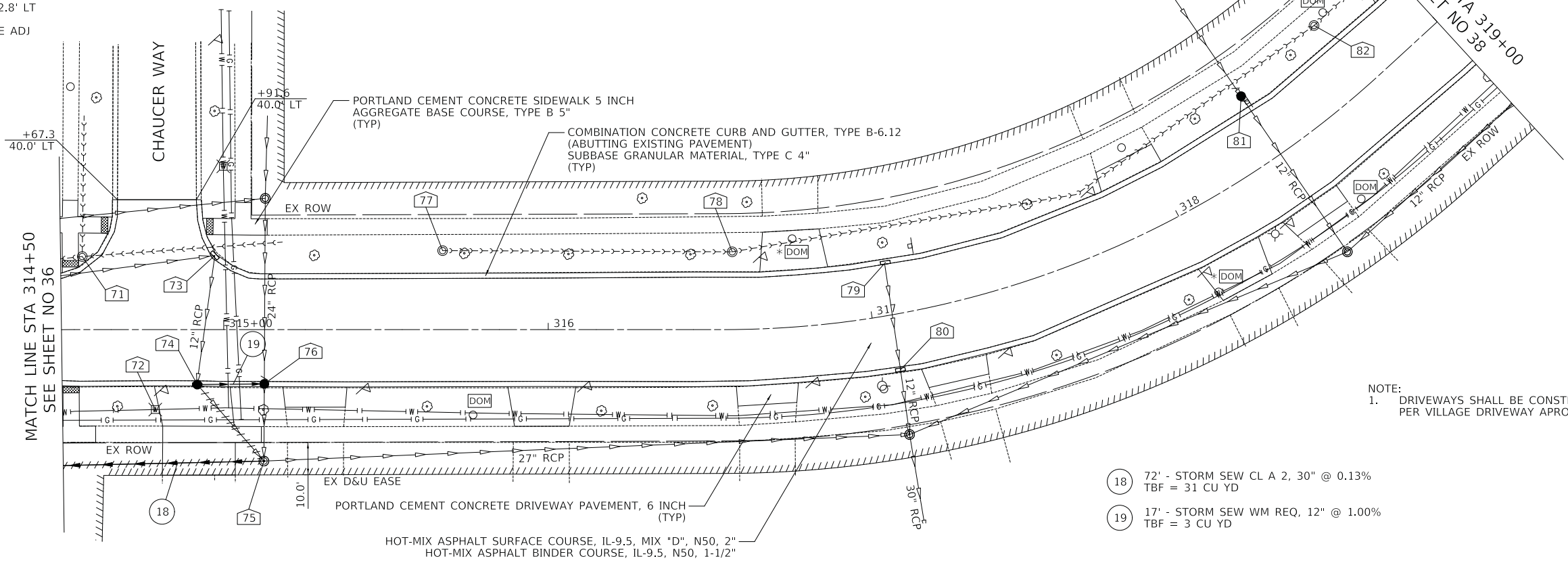
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FILE NAME: ...13223\_C3\_brandywyn\_pp\_01.dgn

DESIGNED - TGB	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	VERT 0 5 10 HORIZ 0 20 40 <b>PLAN &amp; PROFILE - BRANDYWYN LANE</b>	MUN RTE 4756	SECTION 16-00106-03-RS	COUNTY LAKE	TOTAL SHEETS 122	SHEET NO 36	
DRAWN - JRR	REVISED -			CONTRACT NO 61H45		ILLINOIS FED AID PROJECT			
CHECKED - KRK	REVISED -			SHEET 3 OF 22 SHEETS		STA TO STA			
DATE - 11/3/2021	REVISED -								



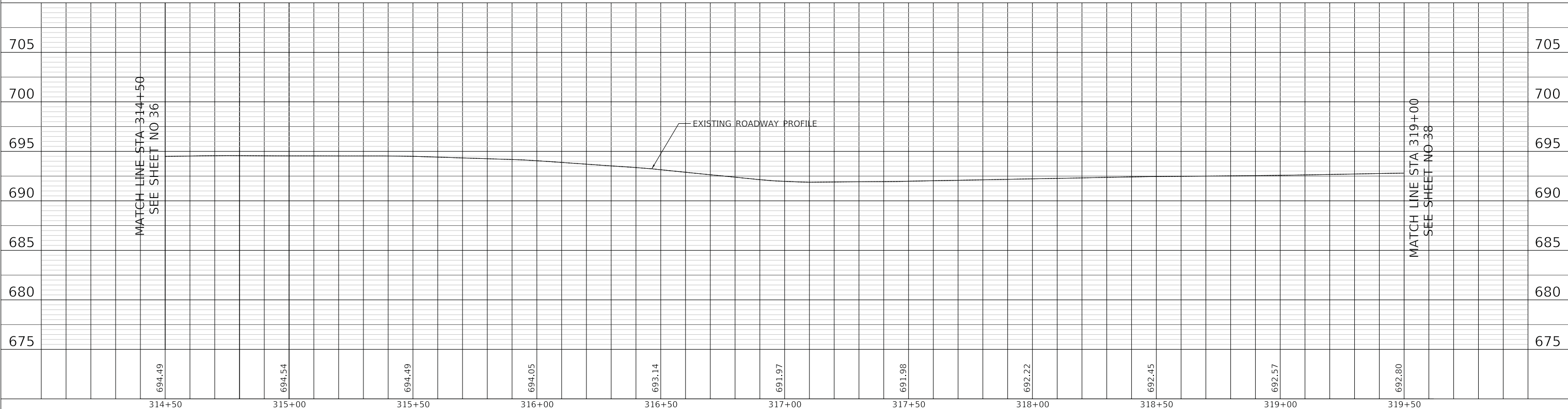
- 71 STA. 314+56.4, 22.5' LT  
H10-1501  
SAN MH TO BE REC  
FR & LIDS T1 CL  
EX RIM = 694.35  
PR RIM = 694.43
- 72 STA. 314+78.9, 24.6' RT  
H10-3520  
D&U STRUC TO BE ADJ  
FR & LIDS T1 CL  
EX RIM = 694.40  
PR RIM = 694.43
- 73 STA. 314+97.3, 22.8' LT  
H10-7539  
D&U STRUC TO BE ADJ  
FR & GRATES T11  
EX RIM = 693.80  
PR RIM = 694.00
- 74 STA. 314+91.9, 15.8' RT  
CB TA 4 DIA T11 F&G  
RIM = 694.23  
INV = 690.61 (EX 12" W)  
INV = 690.61 (12" N)
- 75 STA. 315+12.4, 40.5' RT  
MH TA 6 DIA T1F CL  
RIM = 694.73  
INV = 689.43 (EX 24" W)  
INV = 686.86 (30" S)  
INV = 689.13 (EX 27" N)  
(SEE DRAINAGE RESTRICTOR DETAIL)
- 76 STA. 315+12.5, 16.0' RT  
CB TA 5 DIA T11 F&G  
RIM = 694.22  
INV = 689.48 (EX 24" W)  
INV = 690.44 (12" S)  
INV = 689.47 (EX 24" E)
- 77 STA. 315+67.4, 24.3' LT  
H10-1502  
SAN MH TO BE ADJ  
FR & LIDS T1 CL  
EX RIM = 694.65  
PR RIM = 694.58
- 78 STA. 316+57.0, 23.9' LT  
H10-1503  
SAN MH TO BE ADJ  
FR & LIDS T1 CL  
EX RIM = 692.91  
PR RIM = 693.08
- 79 STA. 317+07.0, 15.7' LT  
H10-7532  
D&U STRUC TO BE ADJ  
FR & GRATES T11  
EX RIM = 691.42  
PR RIM = 691.58
- 80 STA. 317+05.9, 16.2' RT  
H10-7533  
D&U STRUC TO BE ADJ  
FR & GRATES T11  
EX RIM = 691.35  
PR RIM = 691.58
- 81 STA. 318+37.1, 21.6' LT  
CB TA 4 DIA T1F OL  
RIM = 692.45  
INV = 688.80 (12" W)  
INV = 688.80 (12" E)
- 82 STA. 318+70.8, 24.8' LT  
H10-1504  
SAN MH TO BE ADJ  
FR & LIDS T1 CL  
EX RIM = 692.66  
PR RIM = 692.63



NOTE:  
1. DRIVEWAYS SHALL BE CONSTRUCTED PER VILLAGE DRIVEWAY APRON DETAIL.

- 18 72' - STORM SEW CL A 2, 30" @ 0.13%  
TBF = 31 CU YD
- 19 17' - STORM SEW WM REQ, 12" @ 1.00%  
TBF = 3 CU YD

**BRANDYWYN LANE**



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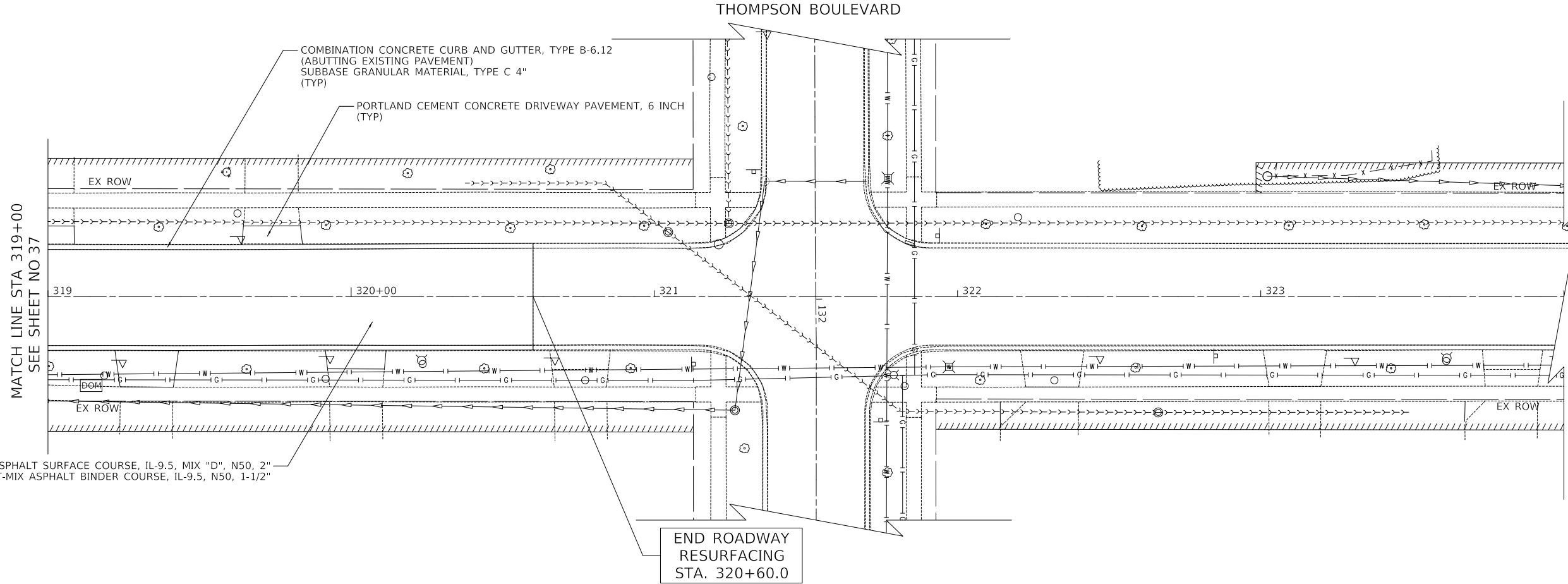
<p>Two Pierce Place, Suite 1400 Itasca, Illinois 60143 Tel: 630.773.3900 Fax: 630.773.3975 www.civiltechinc.com</p>	DESIGNED - TGB	REVISED -	<p><b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b></p>	<p>VERT 0 5 10 HORIZ 0 20 40</p>	<p><b>PLAN &amp; PROFILE - BRANDYWYN LANE</b></p>	MUN RTE 4756	SECTION 16-00106-03-RS	COUNTY LAKE	TOTAL SHEETS 122	SHEET NO 37
	DRAWN - JRR	REVISED -				CONTRACT NO 61H45				
	CHECKED - KRK	REVISED -				ILLINOIS FED AID PROJECT				
DATE - 11/3/2021	REVISED -		SHEET 4 OF 22 SHEETS	STA TO STA						

NOTE:  
1. DRIVEWAYS SHALL BE CONSTRUCTED PER VILLAGE DRIVEWAY APRON DETAIL.



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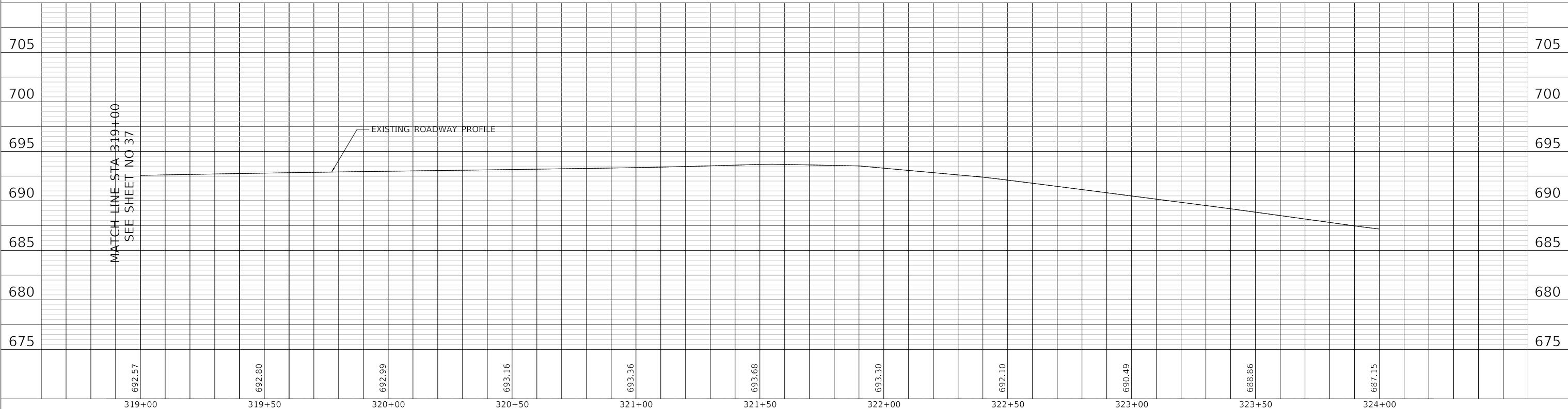
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	PLOTTED	
	GRADES	
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	STRUCTURE	
	NOTATION	
	NO.	



HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"  
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50, 1-1/2"

END ROADWAY RESURFACING STA. 320+60.0

BRANDYWYN LANE



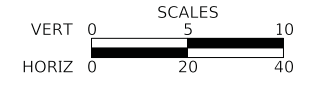
MATCH LINE STA 319+00  
SEE SHEET NO 37

692.57	692.80	692.99	693.16	693.36	693.68	693.30	692.10	690.49	688.86	687.15
319+00	319+50	320+00	320+50	321+00	321+50	322+00	322+50	323+00	323+50	324+00

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DRAWN - JRR	REVISED -
CHECKED - KRK	REVISED -
DATE - 11/3/2021	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**



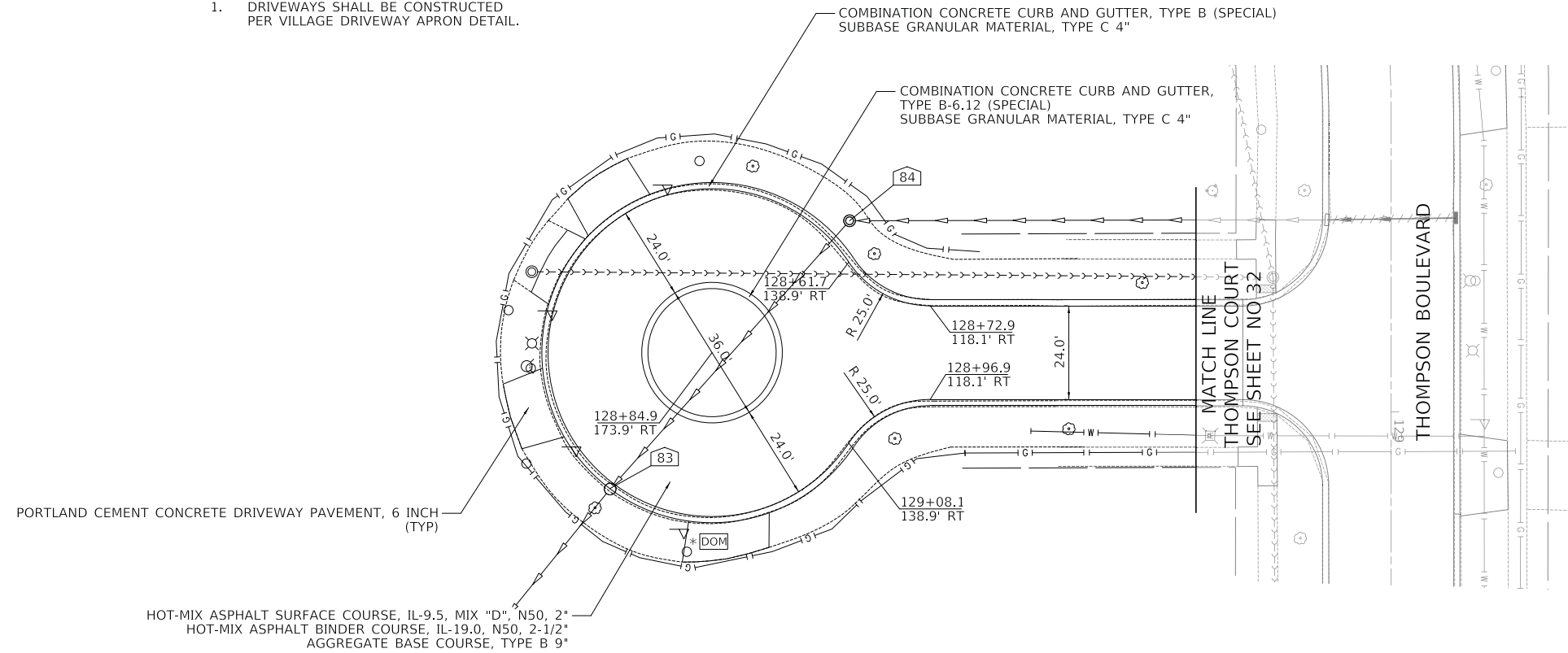
**PLAN & PROFILE - BRANDYWYN LANE**  
SHEET 5 OF 22 SHEETS STA TO STA

MUN RTE 4756 4801	SECTION 16-00106-03-R5	COUNTY LAKE	TOTAL SHEETS 122	SHEET NO 38
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

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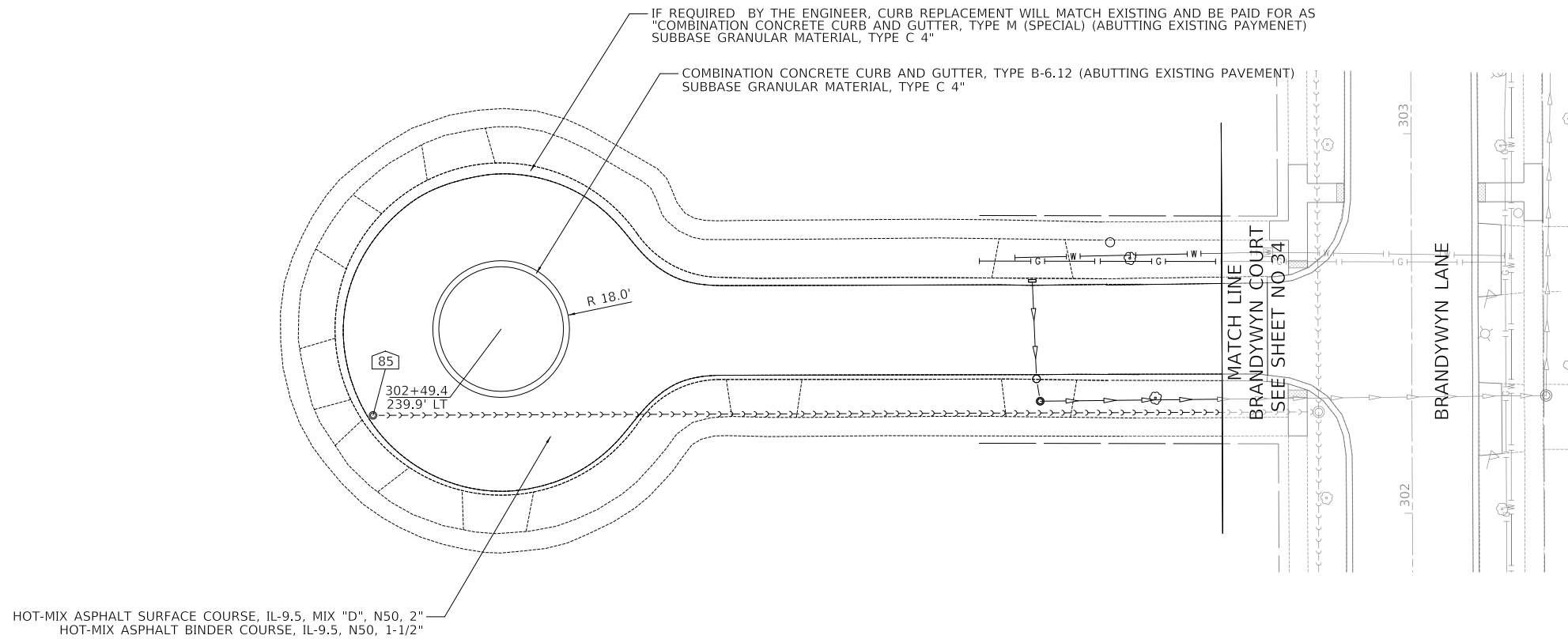
- 83 STA. 129+19.8, 200.0' RT  
H10-7526  
D&U STRUC TO BE ADJ  
FR & GRATES T11  
EX RIM = 695.45  
PR RIM = 695.38
- 84 STA. 128+51.1, 138.7' RT  
H10-7525  
D&U STRUC TO BE REC  
FR & LIDS T1 CL  
EX RIM = 697.02  
PR RIM = 696.86

NOTE:  
1. DRIVEWAYS SHALL BE CONSTRUCTED PER VILLAGE DRIVEWAY APRON DETAIL.



THOMPSON COURT

- 85 STA. 302+26.8, 273.8' LT  
G10-1005  
FR & LIDS ADJUST SPL  
FR & LIDS T1 CL



BRANDYWYN COURT

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NOTE BOOK NO.		

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

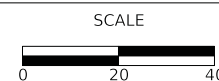
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DRAWN	-	JRR	REVISED	-
CHECKED	-	KRK	REVISED	-
DATE	-	11/3/2021	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



PLAN & PROFILE - CUL DE SACS

SHEET 6 OF 22 SHEETS STA TO STA

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-RS	LAKE	122	39
CONTRACT NO 61H45				
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. ALL SIGNS THAT REMAIN IN THE SAME LOCATION FOR MORE THAN TWO DAYS SHALL BE 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 SHALL BE PLACED ADJACENT TO PAVEMENT EDGES WHERE WIDENING, CURB AND GUTTER OR OVERLAYING WORK IS BEING DONE, AS SPECIFIED IN SECTION 701 OF THE STANDARD SPECIFICATIONS. BARRICADES SHALL ALSO BE PLACED 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 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. LIGHTS SHALL BE ATTACHED TO BARRICADES IN COMPLIANCE WITH ARTICLE 701.16 OF THE 2022 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- 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 IN OTHER LOCATIONS THAN WHAT IS SHOWN IN THE MAINTENANCE OF TRAFFIC PLANS, 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, TEMPORARY PAVEMENT MARKING REMOVAL, AND MODIFIED URETHANE PAVEMENT MARKING LINE - 4" 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.
- ALL WORK SHALL BE IN ACCORDANCE WITH IDOT'S SAFETY ENGINEERING POLICY MEMORANDUM, SAFETY 4-15. "UNEVEN LANE" SIGNS (W8-1-4848) SHALL BE PLACED AT THE INTERVALS REQUIRED BY THE ENGINEER WHEN TRAFFIC IS ON PAVEMENT WITHOUT SURFACE COURSE AND ADJACENT TO SURFACED PAVEMENT. THE COST OF THESE SIGNS SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)."
- 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)".
- A QUANTITY FOR "TEMPORARY RAMP" HAS BEEN INCLUDED TO PROVIDE TEMPORARY RAMPS AT SIDE STREETS AND DRIVEWAYS TO ACCOMMODATE THE DIFFERENCES IN ELEVATION BETWEEN THE EXISTING PAVEMENT AND THE NEWLY CONSTRUCTED PAVEMENT DURING STAGED CONSTRUCTION. REMOVAL OF THIS MATERIAL SHALL BE INCLUDED IN THE COST OF "TEMPORARY RAMP". SECTIONS OF EXISTING PAVEMENT SHOWN FOR REMOVAL DURING STAGE 2 MAY NEED TO BE REMOVED DURING STAGE 1 IN ORDER TO ACCOMMODATE THE RAMPS NEEDED FOR DRIVEWAY AND SIDE STREET ACCESS.
- ALL CONSTRUCTION AND TRUCK TRAFFIC AS WELL AS PERSONAL VEHICLES OF THE CONSTRUCTION CREW SHALL ADHERE TO THE POSTED DIRECTION OF TRAVEL, DETOUR ROUTE, LOCAL PARKING RESTRICTIONS, AND ALL APPLICABLE REGULATORY LAWS. EACH INFRACTION NOTED BY THE ENGINEER SHALL BE SUBJECT TO A TRAFFIC CONTROL DEFICIENCY DEDUCTION IN ACCORDANCE WITH ARTICLE 105.03 OF THE STANDARD SPECIFICATIONS.

## ACCESS MAINTENANCE NOTES

MAINTAINING ACCESS TO SIDESTREETS AND DRIVEWAYS IS OF THE UTMOST IMPORTANCE TO THE VILLAGE. ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES. THE FOLLOWING CLOSURE RESTRICTIONS SHALL BE REQUIRED UNLESS OTHERWISE APPROVED BY THE ENGINEER.

WHEN APPROVED BY THE ENGINEER, ACCESS LOCATIONS LISTED IN COLUMN A MAY BE FULLY CLOSED WHEN THE ACCESS LOCATION LISTED IN COLUMN B IS OPEN, AND ACCESS LOCATIONS LISTED IN COLUMN B MAY BE FULLY CLOSED WHEN THE ACCESS LOCATION LISTED IN COLUMN A IS OPEN. ACCESS LOCATION CLOSURES SHALL BE APPROVED BY THE ENGINEER PRIOR TO IMPLEMENTATION. ACCESS LOCATION CLOSURES SHALL BE ALLOWED FOR A SINGLE TWO WEEK CLOSURE PER LOCATION.

COLUMN A	COLUMN B	CONSTRUCTION STAGE
LOGSDON LANE (WEST)	LOGSDON LANE (EAST)	STAGE 2
LOGSDON LANE (EAST)	LOGSDON LANE (WEST)	STAGE 2
LARCHMONT DRIVE (WEST), SOUTH LEG	LARCHMONT DRIVE (EAST)	STAGE 2
LARCHMONT DRIVE (EAST)	LARCHMONT DRIVE (WEST), SOUTH LEG	STAGE 2
LARCHMONT DRIVE (WEST), NORTH LEG	KNOLLWOOD DRIVE	STAGE 1
KNOLLWOOD DRIVE	LARCHMONT DRIVE (WEST), NORTH LEG	STAGE 1
CHAUCER WAY	KENT LANE	STAGE 2
KENT LANE	CHAUCER WAY	STAGE 2

ALL CLOSURES SHALL BE PER IDOT HIGHWAY STANDARD 701901.

ALL SIGNING REQUIRED BY THE ENGINEER AND THE PLANS TO DIRECT TRAFFIC TO THE OPEN ACCESS OR ADJACENT SIDESTREET SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)."

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

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

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FILE NAME: ...03E-MOT1322-MOT\_C3\_Notes.dgn



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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC - GENERAL NOTES

SHEET 1 OF 2 SHEETS

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-R5	LAKE	122	40
CONTRACT NO 61H45				

ILLINOIS FED AID PROJECT



## SEQUENCE OF CONSTRUCTION

ANY CHANGES TO THE STAGING OF THE PROJECT MUST BE PRESENTED BY THE CONTRACTOR TO THE ENGINEER FOR APPROVAL

### RECONSTRUCTION

WORK ON THOMPSON BOULEVARD AND BRANDYWYN LANE MAY OCCUR AT THE SAME TIME.

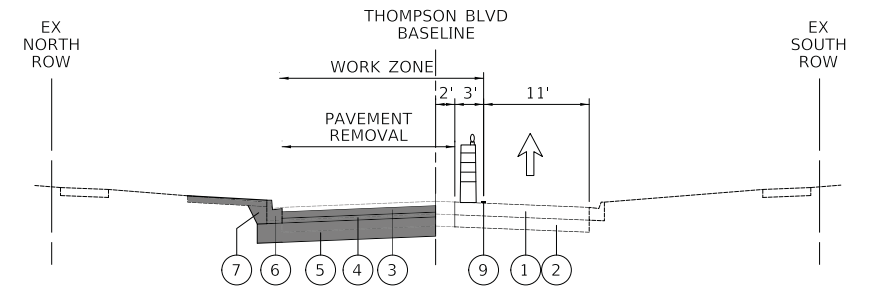
1. INSTALL TEMPORARY INFORMATION SIGNS SEVEN (7) DAYS IN ADVANCE OF CONSTRUCTION COMMENCEMENT.
2. PLACE ALL ADVANCE CONSTRUCTION SIGNS PER IDOT HIGHWAY STANDARD 701501. FURNISH AND INSTALL ADDITIONAL TRAFFIC CONTROL AND PROTECTION MEASURES.
3. INSTALL EROSION CONTROL MEASURES AND TREE PROTECTION. PERFORM TREE ROOT PRUNING.
4. 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.
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. BEGIN ONE-WAY TRAFFIC ALONG THOMPSON BOULEVARD.
6. REMOVE THE EXISTING COMBINATION CURB AND GUTTER, DRIVEWAY PAVEMENT, ROADWAY PAVEMENT, AND SIDEWALKS ON THE NORTH SIDE OF THOMPSON BOULEVARD. EXCAVATE THE EXISTING SUBGRADE TO PROPOSED ELEVATIONS.
7. PROOF ROLL THE EXISTING SUBGRADE AND PERFORM UNDER OPERATIONS AT LOCATIONS DIRECTED BY THE ENGINEER.
8. INSTALL GEOTECHNICAL FABRIC AND AGGREGATE SUBGRADE ALONG THOMPSON BOULEVARD.
9. CONSTRUCT NEW COMBINATION CURB AND GUTTER, DRIVEWAY PAVEMENT, AND SIDEWALK ON THE NORTH SIDE OF THOMPSON BOULEVARD. GAP THE EXISTING STRUCTURES THAT REQUIRE ADJUSTMENT.
10. ADJUST THE EXISTING STRUCTURES WITHIN THE CURBLINE, INSTALL UNDERDRAIN SYSTEM, AND PLACE NEW CURBLINE CONCRETE CURB AND GUTTER GAPS. CONSTRUCT ROADWAY PAVEMENT THROUGH THE BINDER COURSE.
11. REMOVE CONFLICTING PAVEMENT MARKINGS AND PLACE TEMPORARY MARKINGS AS SHOWN IN MOT PLAN - STAGE 2. SHIFT ONE-WAY TRAFFIC TO THE NORTH SIDE OF THOMPSON BOULEVARD.
12. REMOVE THE EXISTING COMBINATION CURB AND GUTTER, DRIVEWAY PAVEMENT, ROADWAY PAVEMENT, AND SIDEWALKS ON THE SOUTH SIDE OF THOMPSON BOULEVARD. EXCAVATE THE EXISTING SUBGRADE TO PROPOSED ELEVATIONS.
13. PROOF ROLL THE EXISTING SUBGRADE AND PERFORM UNDER OPERATIONS AT LOCATIONS DIRECTED BY THE ENGINEER.
14. INSTALL GEOTECHNICAL FABRIC AND AGGREGATE SUBGRADE ALONG THOMPSON BOULEVARD.
15. CONSTRUCT NEW AGGREGATE BASE COURSE, COMBINATION CURB AND GUTTER, DRIVEWAY PAVEMENT, AND SIDEWALK ON THE SOUTH SIDE OF THOMPSON BOULEVARD. GAP THE EXISTING STRUCTURES THAT REQUIRE ADJUSTMENT.
16. ADJUST THE EXISTING STRUCTURES WITHIN THE CURBLINE, INSTALL UNDERDRAIN SYSTEM, AND PLACE NEW CURBLINE CONCRETE CURB AND GUTTER GAPS. CONSTRUCT ROADWAY PAVEMENT THROUGH THE BINDER COURSE.
17. PLACE TEMPORARY PAVEMENT MARKINGS TO MATCH THE FINAL PAVEMENT MARKINGS AS SHOWN ON THE STRIPING PLAN (PAID FOR AS "TEMPORARY PAVEMENT MARKINGS - PAINT")
18. END TEMPORARY TRAFFIC SIGNAL TIMINGS. OPEN THOMPSON BOULEVARD TO TWO-WAY TRAFFIC.
19. COMPLETE LANDSCAPING RESTORATION.
20. PLACE SURFACE COURSE ALONG BOTH ROADS. TWO-WAY TRAFFIC SHALL BE MAINTAINED THROUGH THE USE OF FLAGGERS IN ACCORDANCE WITH IDOT HIGHWAY STANDARD 701501.
21. INSTALL PERMANENT STRIPING.
22. REMOVE CONSTRUCTION SIGNS.

### RESURFACING

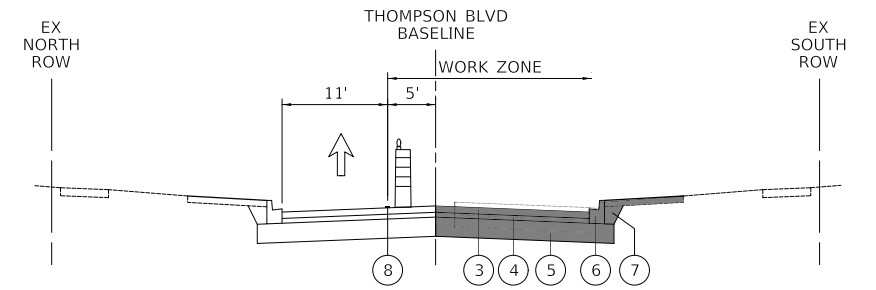
THIS WORK MAY BE COMPLETED IN CONJUNCTION WITH WORK ITEMS FOR THE RECONSTRUCTION SECTION.

TWO-WAY TRAFFIC SHALL BE MAINTAINED THROUGH THE USE OF FLAGGERS IN ACCORDANCE WITH IDOT HIGHWAY STANDARD 701501 DURING WORKING HOURS WHEN WORK IS BEING PERFORMED THROUGHOUT THE DURATION OF THE PROJECT.

1. PLACE ALL ADVANCE CONSTRUCTION SIGNS ALONG BRANDYWYN LANE PER IDOT HIGHWAY STANDARD 701501. FURNISH AND INSTALL ADDITIONAL TRAFFIC CONTROL AND PROTECTION MEASURES.
2. INSTALL EROSION CONTROL MEASURES AND TREE PROTECTION. PERFORM TREE ROOT PRUNING.
3. REMOVE THE EXISTING COMBINATION CURB AND GUTTER, DRIVEWAY PAVEMENT, AND SIDEWALKS.
4. CONSTRUCT NEW COMBINATION CURB AND GUTTER, DRIVEWAY PAVEMENT, AND SIDEWALK. GAP THE EXISTING STRUCTURES THAT REQUIRE ADJUSTMENT.
5. ADJUST THE EXISTING STRUCTURES WITHIN THE CURBLINE, INSTALL UNDERDRAIN SYSTEM, AND PLACE NEW CURBLINE CONCRETE CURB AND GUTTER GAPS
6. COMPLETE LANDSCAPING RESTORATION.
7. MILL EXISTING PAVEMENT.
8. CONSTRUCT PAVEMENT PATCHING AS DETERMINED BY THE ENGINEER.
9. PLACE BINDER AND SURFACE COURSE. TWO-WAY TRAFFIC SHALL BE MAINTAINED THROUGH THE USE OF FLAGGERS IN ACCORDANCE WITH IDOT HIGHWAY STANDARD 701501.
10. INSTALL PERMANENT STRIPING.
11. REMOVE CONSTRUCTION SIGNS.



**THOMPSON BOULEVARD - STAGE 1**  
(FACING EAST)



**THOMPSON BOULEVARD - STAGE 2**  
(FACING EAST)

#### LEGEND

- ① EXISTING PAVEMENT
- ② EXISTING AGGREGATE
- ③ PROPOSED HMA BINDER
- ④ PROPOSED AGGREGATE BASE COURSE
- ⑤ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT
- ⑥ PROPOSED CURB AND GUTTER
- ⑦ PROPOSED TRENCH BACKFILL, SPECIAL
- ⑧ MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (WHITE EDGE LINE)
- ⑨ MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (YELLOW EDGE LINE)

■ CONSTRUCTION DURING STAGE

↑ TRAFFIC FLOW

⊞ DRUMS WITH MONO-DIRECTIONAL STEADY-BURN LIGHT

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

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

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DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC - GENERAL NOTES**

SHEET 2 OF 2 SHEETS

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-R5	LAKE	122	41
CONTRACT NO 61H45				
		ILLINOIS	FED AID PROJECT	

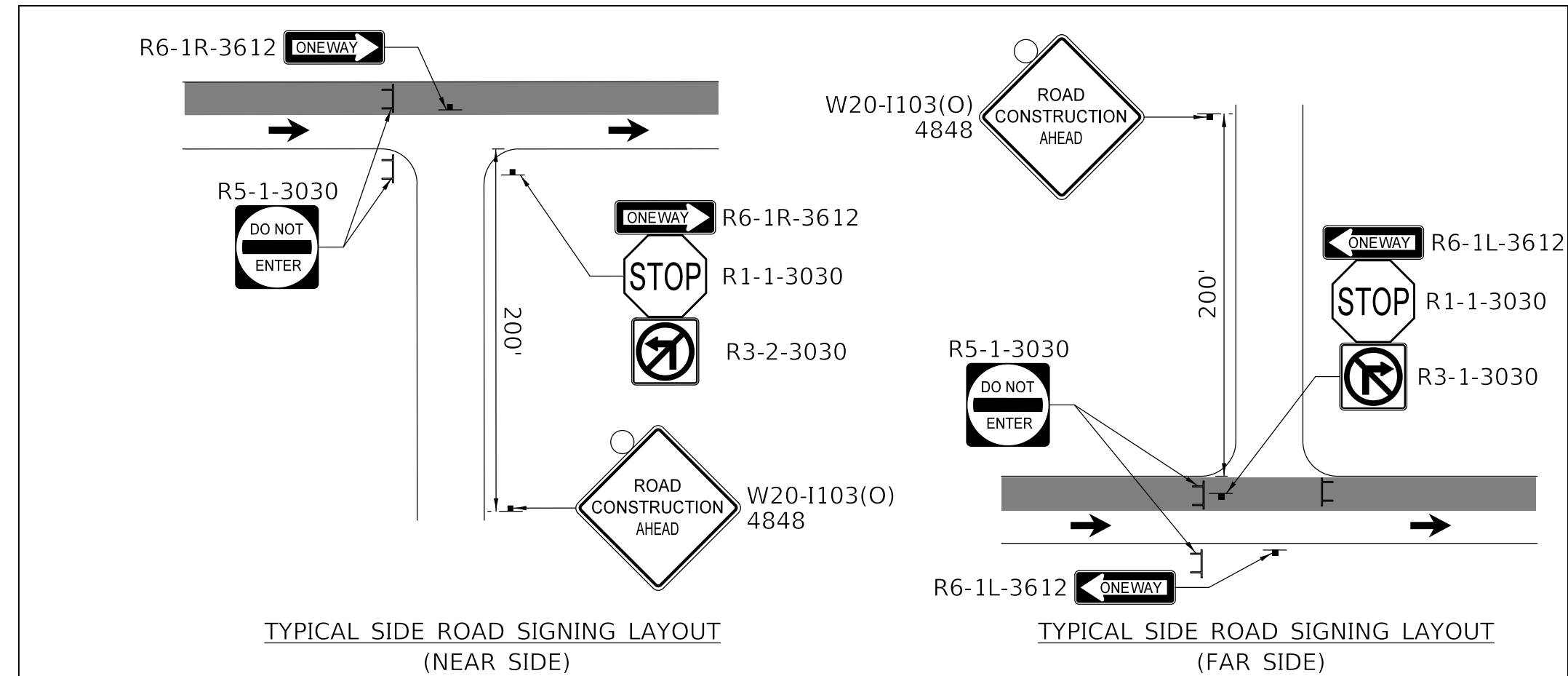
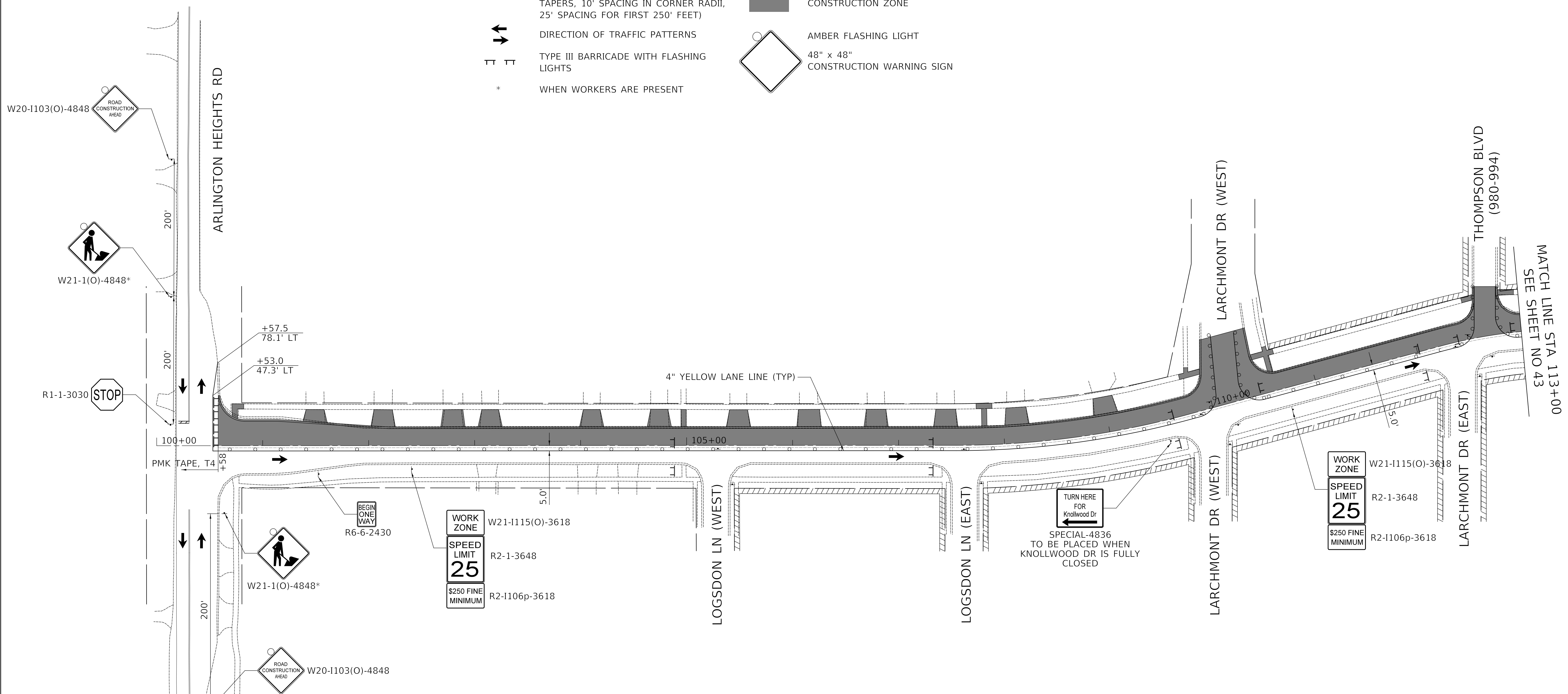
LEGEND

- ○ ○ 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
- \* WHEN WORKERS ARE PRESENT
- +— TEMPORARY TRAFFIC SIGN ON PERMANENT SUPPORT
- CONSTRUCTION ZONE
- ◊ AMBER FLASHING LIGHT
- 48" x 48" CONSTRUCTION WARNING SIGN



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

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



- NOTES:
1. THOMPSON BLVD. (980-994), THOMPSON BLVD. (950-964), KINGSBRIDGE WAY, AND THOMPSON COURT SHALL 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."
  4. ALL EDGE LINE PAVEMENT MARKINGS ALONG TWO-WAY SIDE STREETS SHALL BE WHITE PAVEMENT MARKINGS.

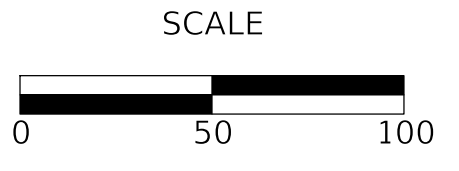
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MAINTENANCE OF TRAFFIC - STAGE 1

SHEET 1 OF 4 SHEETS STA 100+57 TO STA 113+00

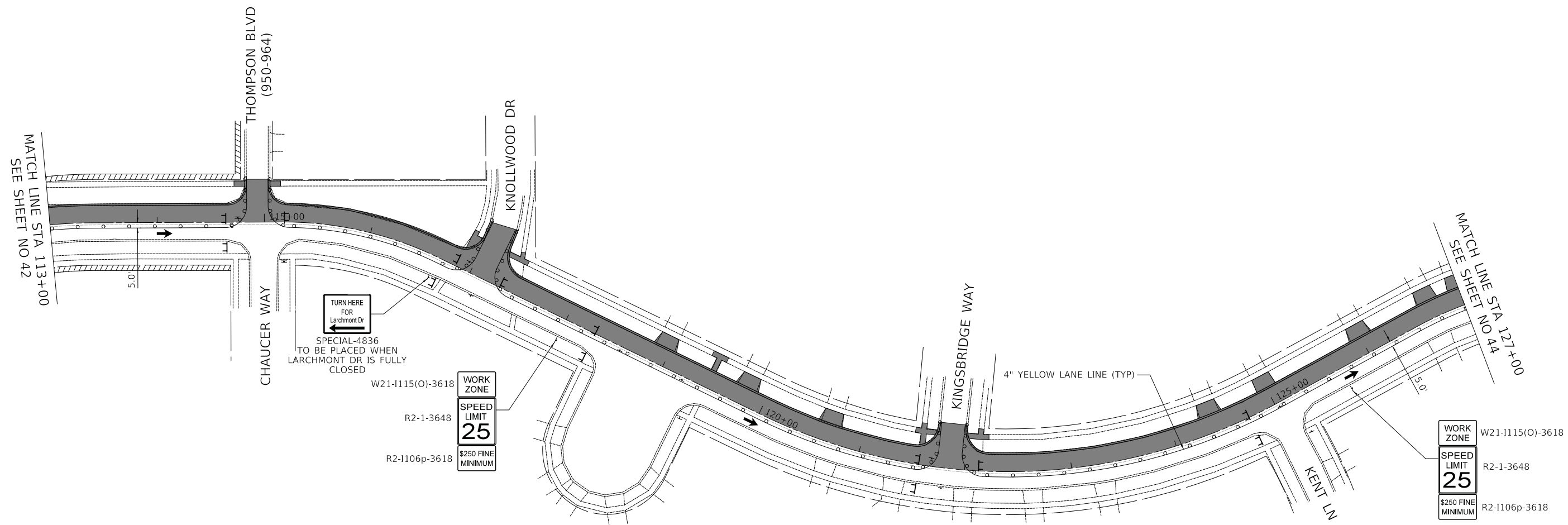
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4756 4801	16-00106-03-R5	LAKE	122	42
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

THOMPSON BOULEVARD



PLAN	SURVEYED	BY	DATE
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NOTE BOOK NO.	ALIGNMENT CHECKED		
	AS-BUILT CHECKED		
	CADD FILE NAME		

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



TURN HERE FOR Larchmont Dr  
 SPECIAL-4836 TO BE PLACED WHEN LARCHMONT DR IS FULLY CLOSED

WORK ZONE  
 SPEED LIMIT 25  
 \$250 FINE MINIMUM

WORK ZONE W21-1115(O)-3618  
 SPEED LIMIT 25 R2-1-3648  
 \$250 FINE MINIMUM R2-1106p-3618

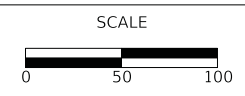
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STATE OF ILLINOIS  
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MAINTENANCE OF TRAFFIC - STAGE 1

SHEET 2 OF 4 SHEETS STA 113+00 TO STA 127+00

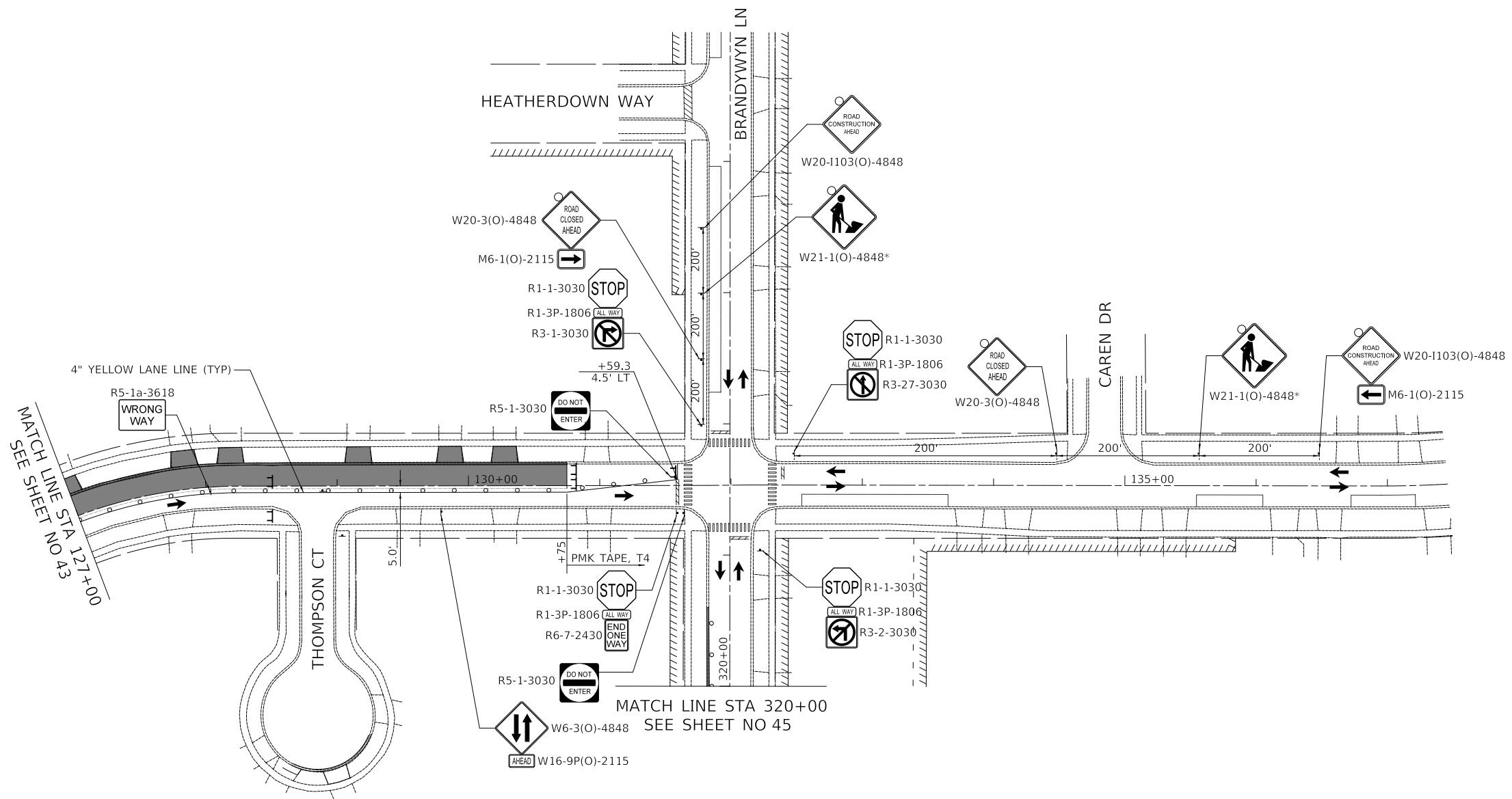
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4756 4801	16-00106-03-R5	LAKE	122	43
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

THOMPSON BOULEVARD



PLAN	SURVEYED	DATE
	PLOTTED	
NOTE BOOK NO.	ALIGNED	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
NOTE BOOK NO.	GRADES CHECKED	
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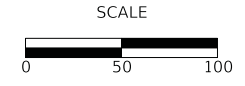
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**MAINTENANCE OF TRAFFIC - STAGE 1**

SHEET 3 OF 4 SHEETS STA 127+00 TO STA 130+75

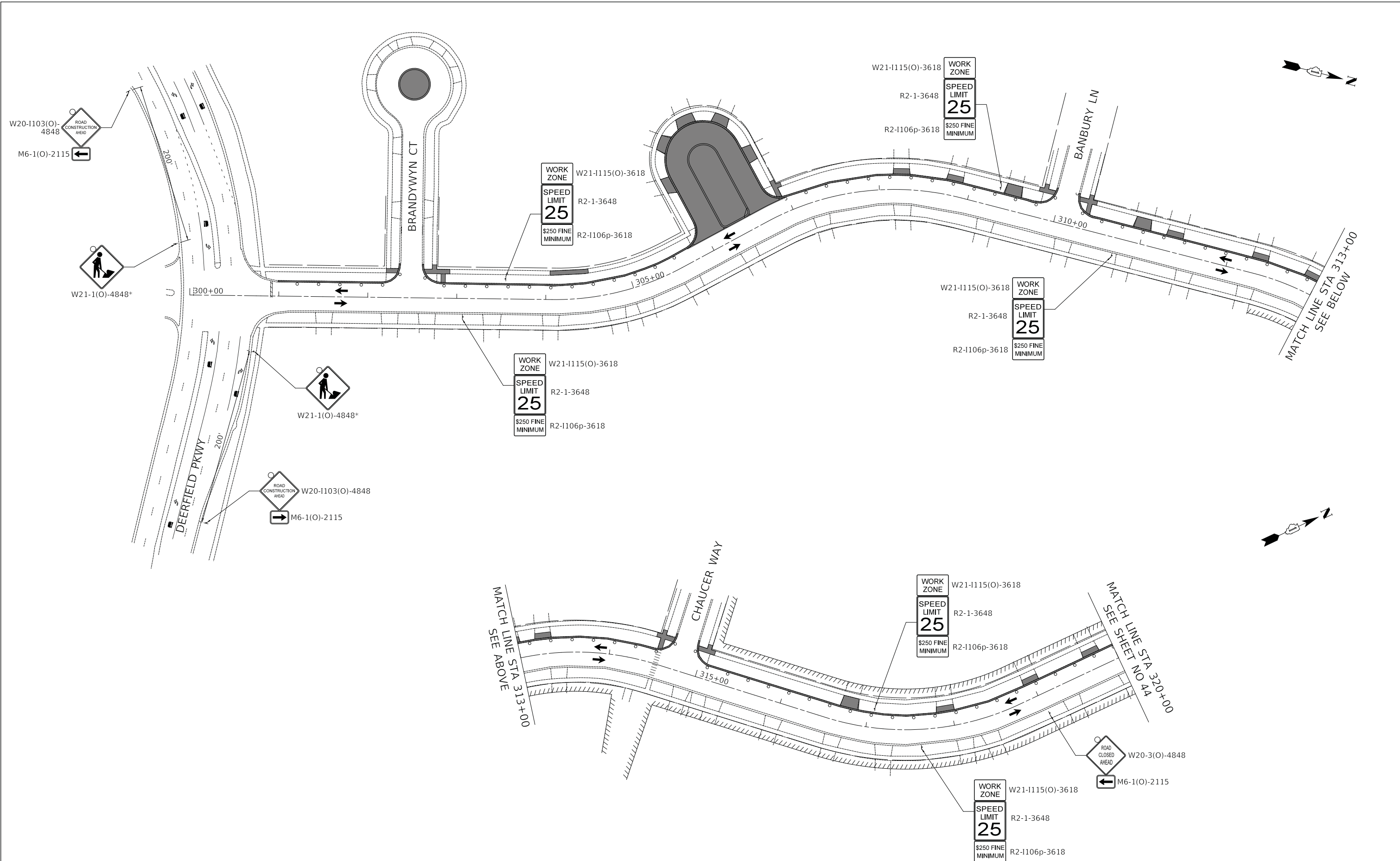
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4756 4801	16-00106-03-R5	LAKE	122	44
CONTRACT NO 61H45				
		ILLINOIS	FED AID PROJECT	

**THOMPSON BOULEVARD**

PLAN	SURVEYED	DATE
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	DATE	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATION	
	BY	
	DATE	

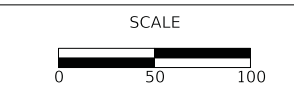
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**MAINTENANCE OF TRAFFIC - STAGE 1**  
SHEET 4 OF 4 SHEETS STA 300+99 TO STA 320+00

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-R5	LAKE	122	45
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

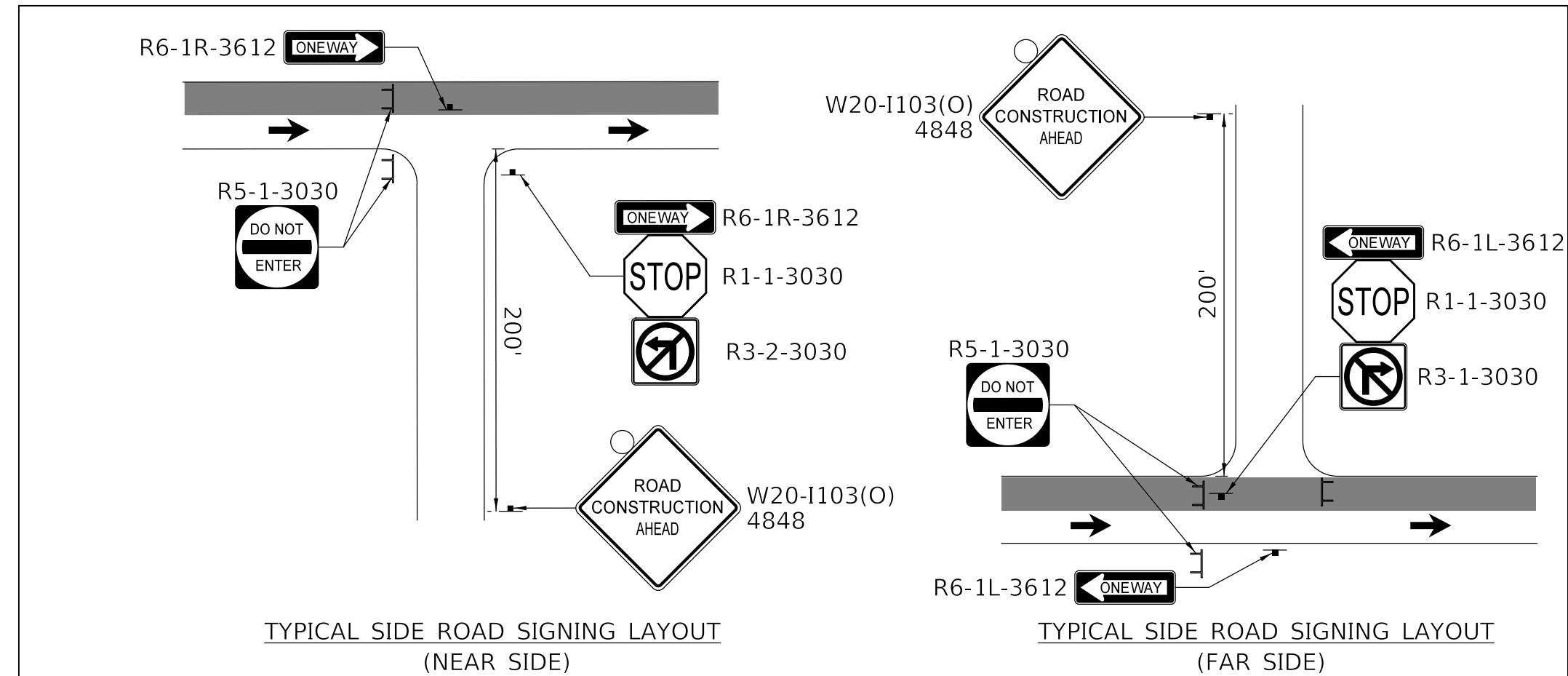
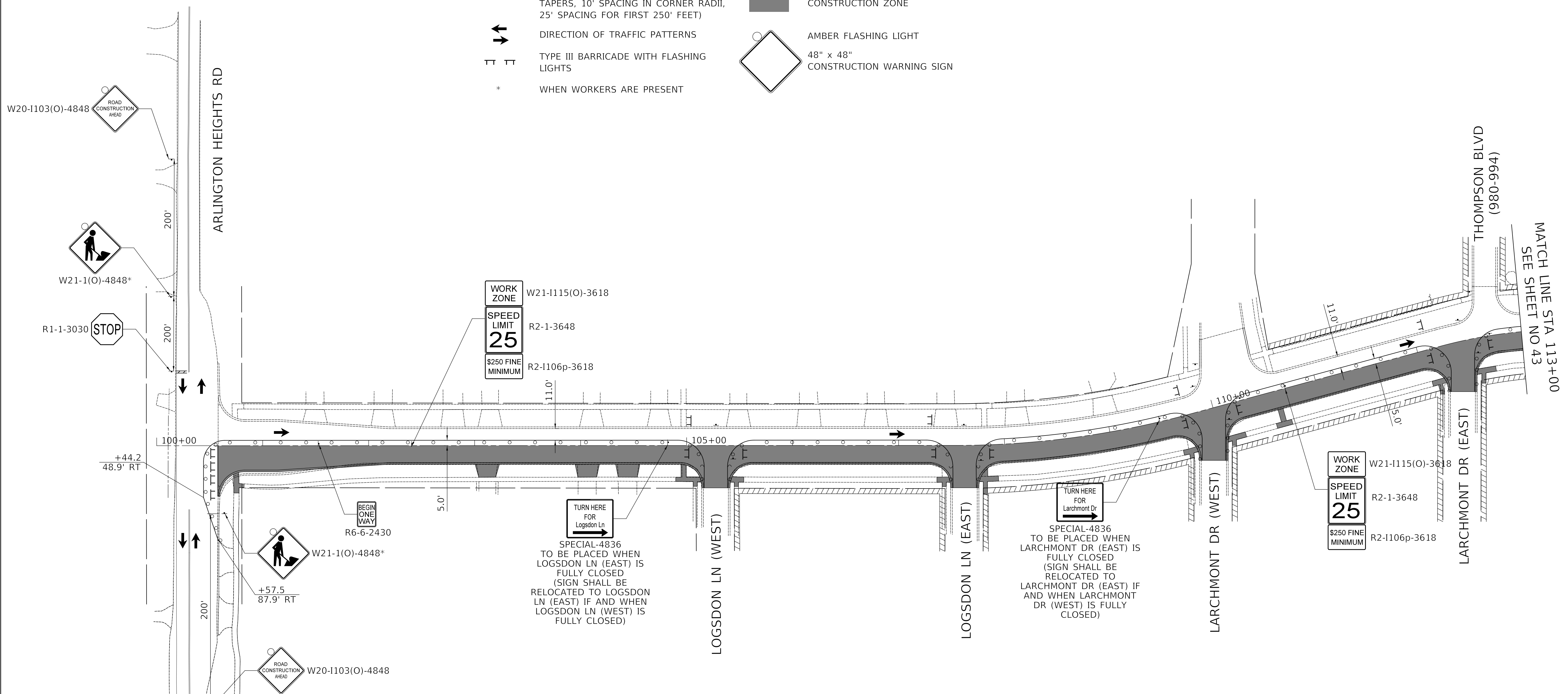
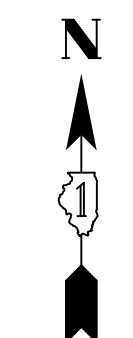
**BRANDYWYN LANE**

PLAN	SURVEYED	DATE
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	ALIGNMENT CHECKED	
	NOTE BOOK	
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	CADD FILE NAME	

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

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
- \* WHEN WORKERS ARE PRESENT
- +— TEMPORARY TRAFFIC SIGN ON PERMANENT SUPPORT
- CONSTRUCTION ZONE
- ◊ AMBER FLASHING LIGHT
- 48" x 48" CONSTRUCTION WARNING SIGN



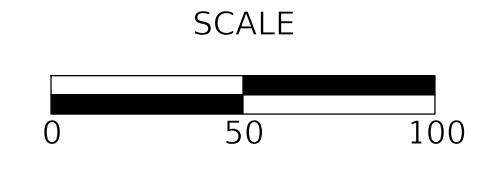
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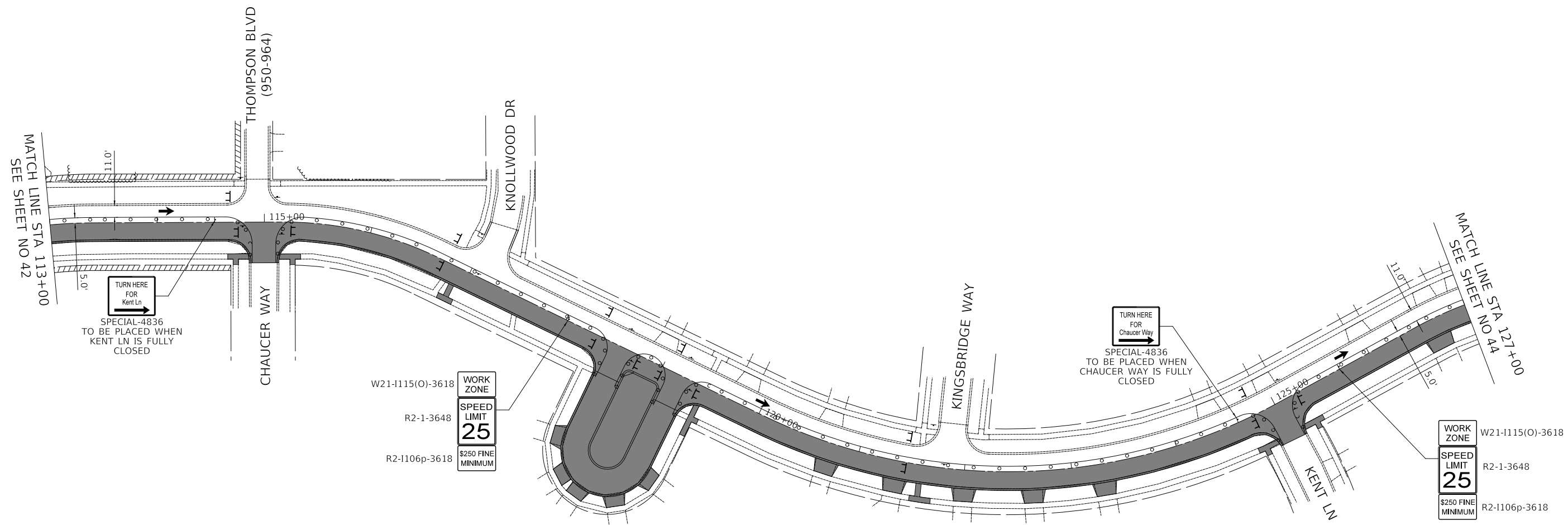
MAINTENANCE OF TRAFFIC - STAGE 2  
SHEET 1 OF 4 SHEETS STA 100+57 TO STA 113+00

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-R5	LAKE	122	46
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				



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



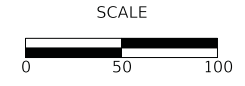
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**MAINTENANCE OF TRAFFIC - STAGE 2**

SHEET 2 OF 4 SHEETS STA 113+00 TO STA 127+00

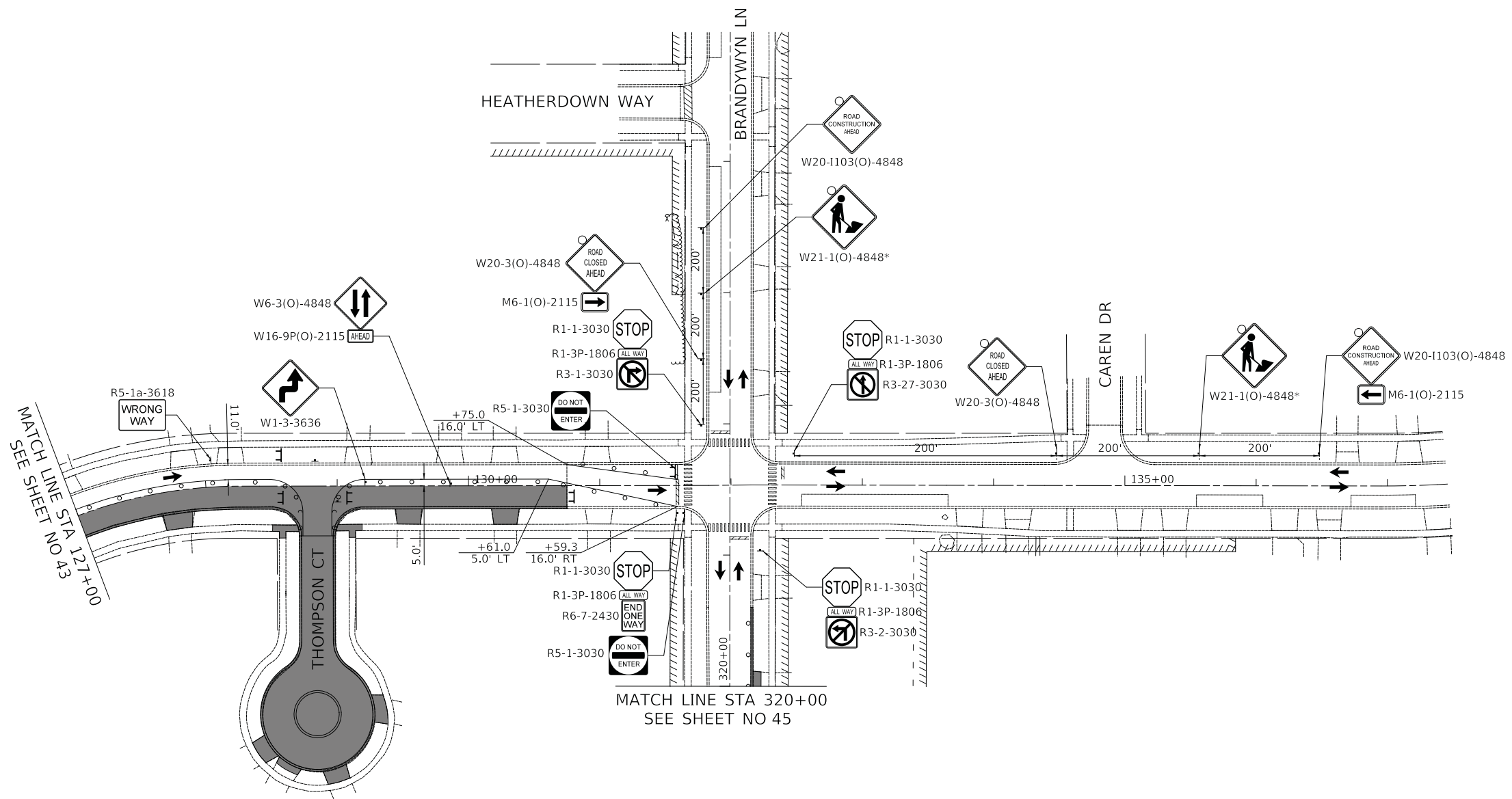
MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-R5	LAKE	122	47
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

**THOMPSON BOULEVARD**



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NOTE BOOK NO.	ALIGNED	
	CHECKED	
	CADD FILE NAME	

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



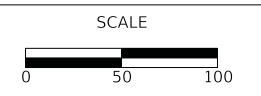
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CHECKED -	KRK	REVISED -	
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**MAINTENANCE OF TRAFFIC - STAGE 2**

SHEET 3 OF 4 SHEETS STA 127+00 TO STA 130+75

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-R5	LAKE	122	48
CONTRACT NO 61H45				
		ILLINOIS	FED AID PROJECT	

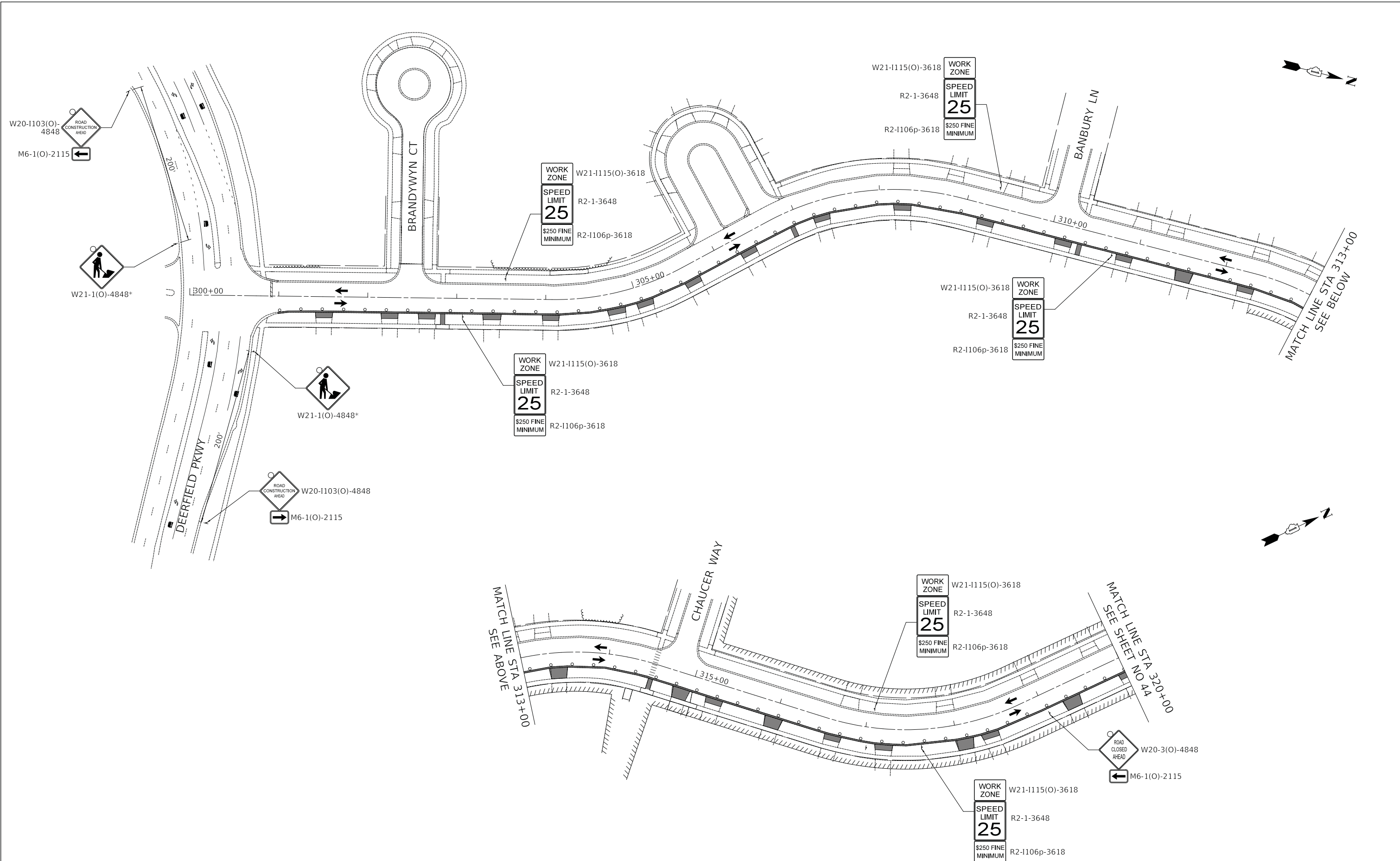
## THOMPSON BOULEVARD



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	BY	
	DATE	
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PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
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	STRUCTURE	
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	BY	
	DATE	
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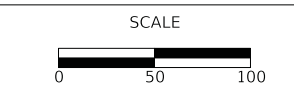
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**DEPARTMENT OF TRANSPORTATION**



**MAINTENANCE OF TRAFFIC - STAGE 2**

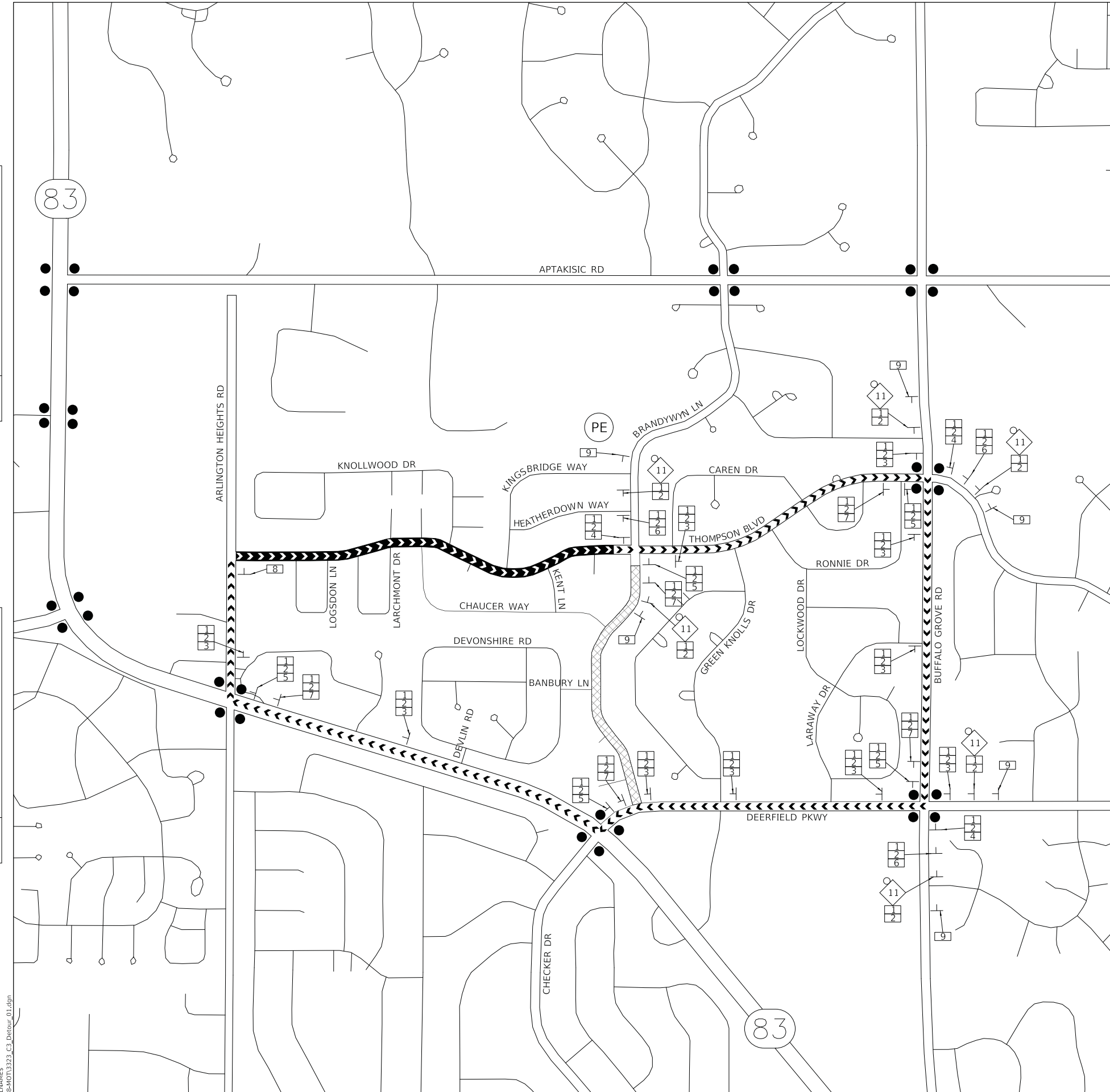
SHEET 4 OF 4 SHEETS STA 300+99 TO STA 320+00

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-R5	LAKE	122	49
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

**BRANDYWYN LANE**

PLAN	SURVEYED	DATE
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	ALIGNED	
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	NO.	
	BY	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATION	
	NO.	
	BY	



**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, MAINTAIN EASTBOUND TRAFFIC
- DETOUR ROUTE AND DIRECTION
- ROADWAY RESURFACING SECTION
- PRAIRIE ELEMENTARY SCHOOL

- 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.
  - "TEMPORARY TRAFFIC SIGNAL TIMING" WILL BE USED AT THE INTERSECTIONS OF THOMPSON BOULEVARD/BUFFALO GROVE ROAD, BUFFALO GROVE ROAD/DEERFIELD PARKWAY, DEERFIELD PARKWAY/IL ROUTE 83 AND IL ROUTE 83/ARLINGTON HEIGHTS ROAD WHILE THE DETOUR IS IN OPERATION.

**SCHEDULE OF SIGNS**

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

MODEL: SH06LNAME5  
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DEPARTMENT OF TRANSPORTATION**

**DETOUR ROUTE**

SHEET	OF	SHEETS
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MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-RS	LAKE	122	50
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

**SEDIMENTATION AND EROSION CONTROL NOTES**

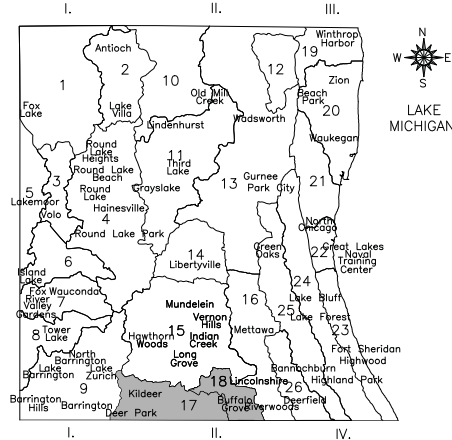
- A. SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
- B. FOR THOSE DEVELOPMENTS THAT REQUIRE A DESIGNATED EROSION CONTROL INSPECTOR (DECI), INSPECTIONS AND DOCUMENTATION SHALL BE PREFORMED, AT A MINIMUM:
  - UPON COMPLETION OF SEDIMENT 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 7.80 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. Slocum 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**

161	EACH	TREE TRUNK PROTECTION
161	EACH	TREE ROOT PRUNING
222	POUND	TEMPORARY EROSION CONTROL SEEDING
32	FOOT	TEMPORARY DITCH CHECKS
150	FOOT	PERIMETER EROSION BARRIER
64	EACH	INLET FILTERS
5	ACRE	MULCH, METHOD 2

PLAN	DATE
BY	
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ALIGNED	
CHECKED	
FILE NAME	
NOTE BOOK NO.	

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

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**EROSION CONTROL PLAN**

SHEET 1 OF 4 SHEETS STA TO STA

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-R5	LAKE	122	51
CONTRACT NO 61H45				
ILLINOIS		FED AID PROJECT		

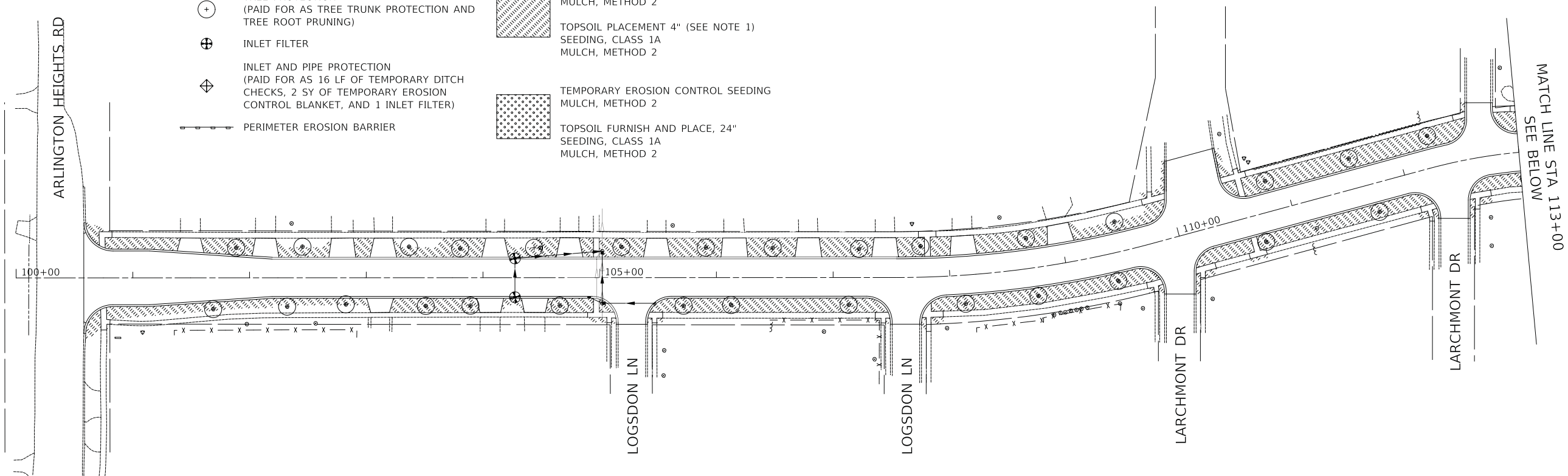
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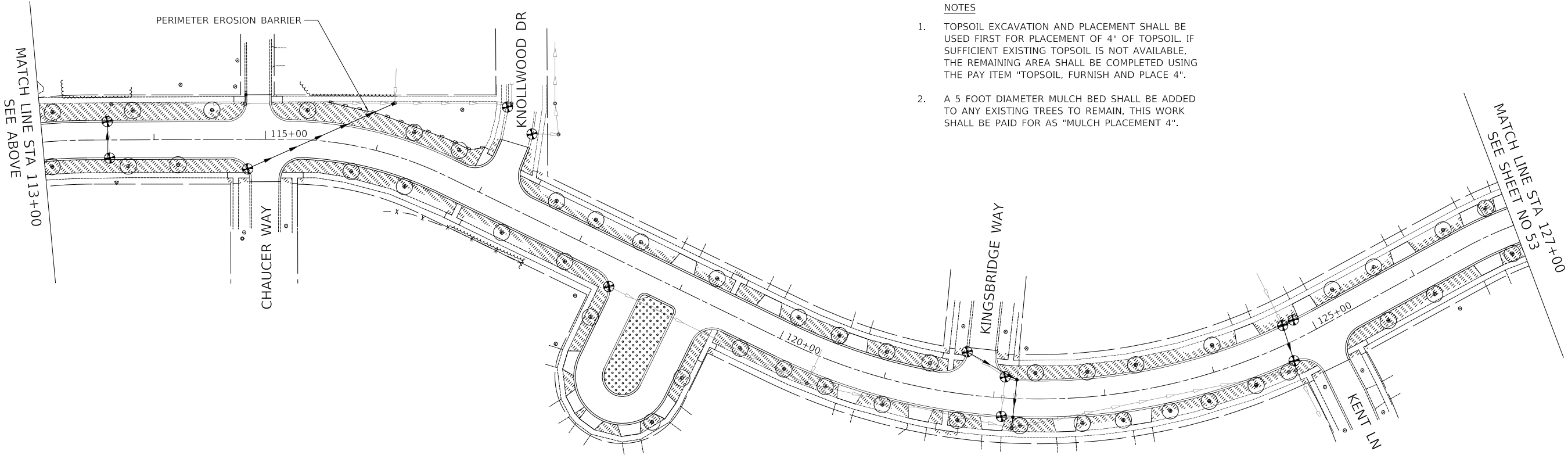
- TREE PROTECTION (PAID FOR AS TREE TRUNK PROTECTION AND TREE ROOT PRUNING)
- INLET FILTER
- INLET AND PIPE PROTECTION (PAID FOR AS 16 LF OF TEMPORARY DITCH CHECKS, 2 SY OF TEMPORARY EROSION CONTROL BLANKET, AND 1 INLET FILTER)
- PERIMETER EROSION BARRIER
- TEMPORARY EROSION CONTROL SEEDING MULCH, METHOD 2
- TOPSOIL PLACEMENT 4" (SEE NOTE 1) SEEDING, CLASS 1A MULCH, METHOD 2
- TEMPORARY EROSION CONTROL SEEDING MULCH, METHOD 2
- TOPSOIL FURNISH AND PLACE, 24" SEEDING, CLASS 1A MULCH, METHOD 2



**THOMPSON BOULEVARD**

**NOTES**

1. TOPSOIL EXCAVATION AND PLACEMENT SHALL BE USED FIRST 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".
2. A 5 FOOT DIAMETER MULCH BED SHALL BE ADDED TO ANY EXISTING TREES TO REMAIN. THIS WORK SHALL BE PAID FOR AS "MULCH PLACEMENT 4".



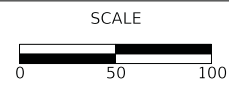
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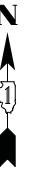
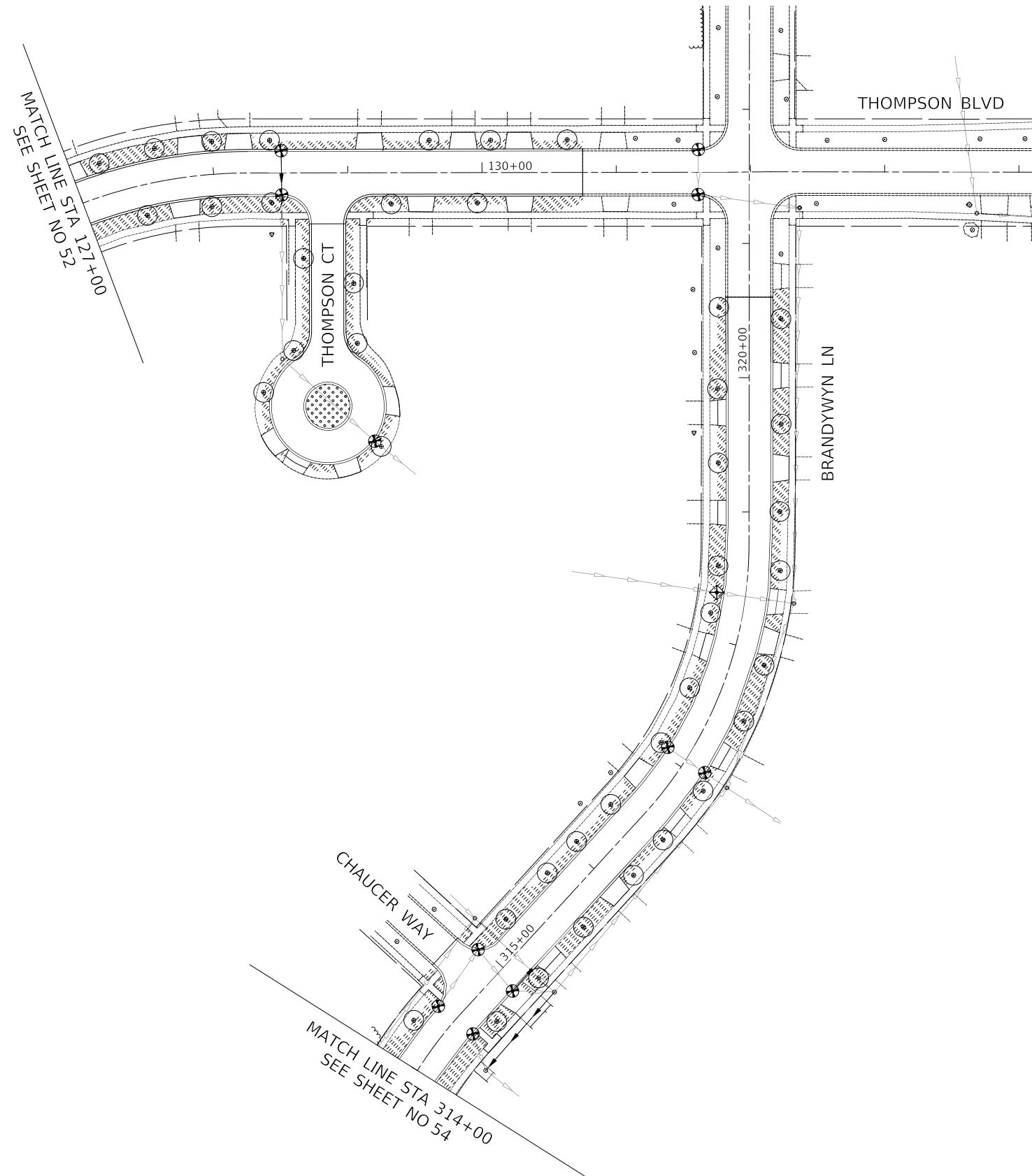
**EROSION CONTROL PLAN**

SHEET 2 OF 4 SHEETS STA 100+57 TO STA 127+00

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
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CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

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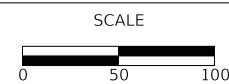
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EROSION CONTROL PLAN

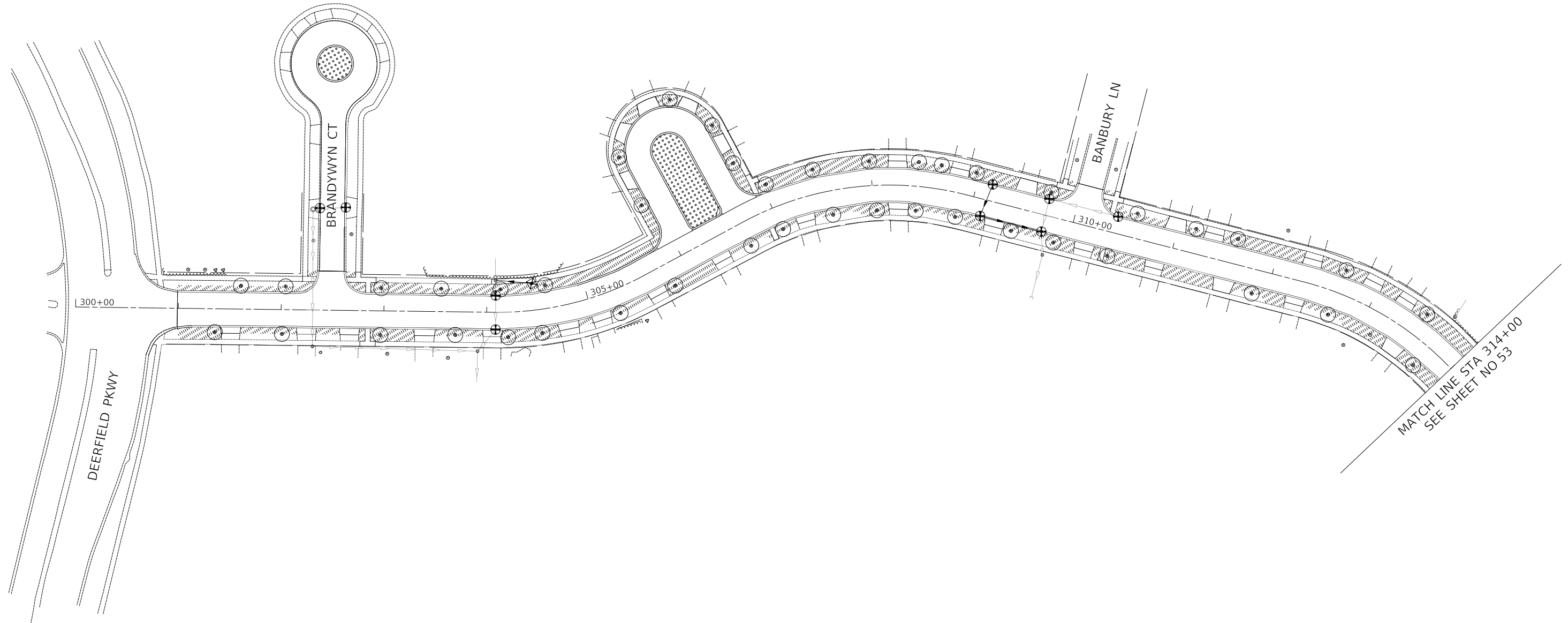
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MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-RS	LAKE	122	53
CONTRACT NO 61H45				
ILLINOIS		FED AID PROJECT		



PLAN	SURVEYED	BY	DATE
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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 NOTATION CHECKED		



MATCH LINE STA 314+00  
SEE SHEET NO 53

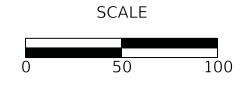
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EROSION CONTROL PLAN

SHEET 4 OF 4 SHEETS STA 127+00 TO STA 130+75

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-R5	LAKE	122	54
CONTRACT NO 61H45				
ILLINOIS		FED AID PROJECT		

BRANDYWYN LANE

**LEGEND**

719.96	PROPOSED GRADE
(719.96)	EXISTING GRADE
1.82%	PROPOSED SLOPE
(1.82%)	EXISTING SLOPE

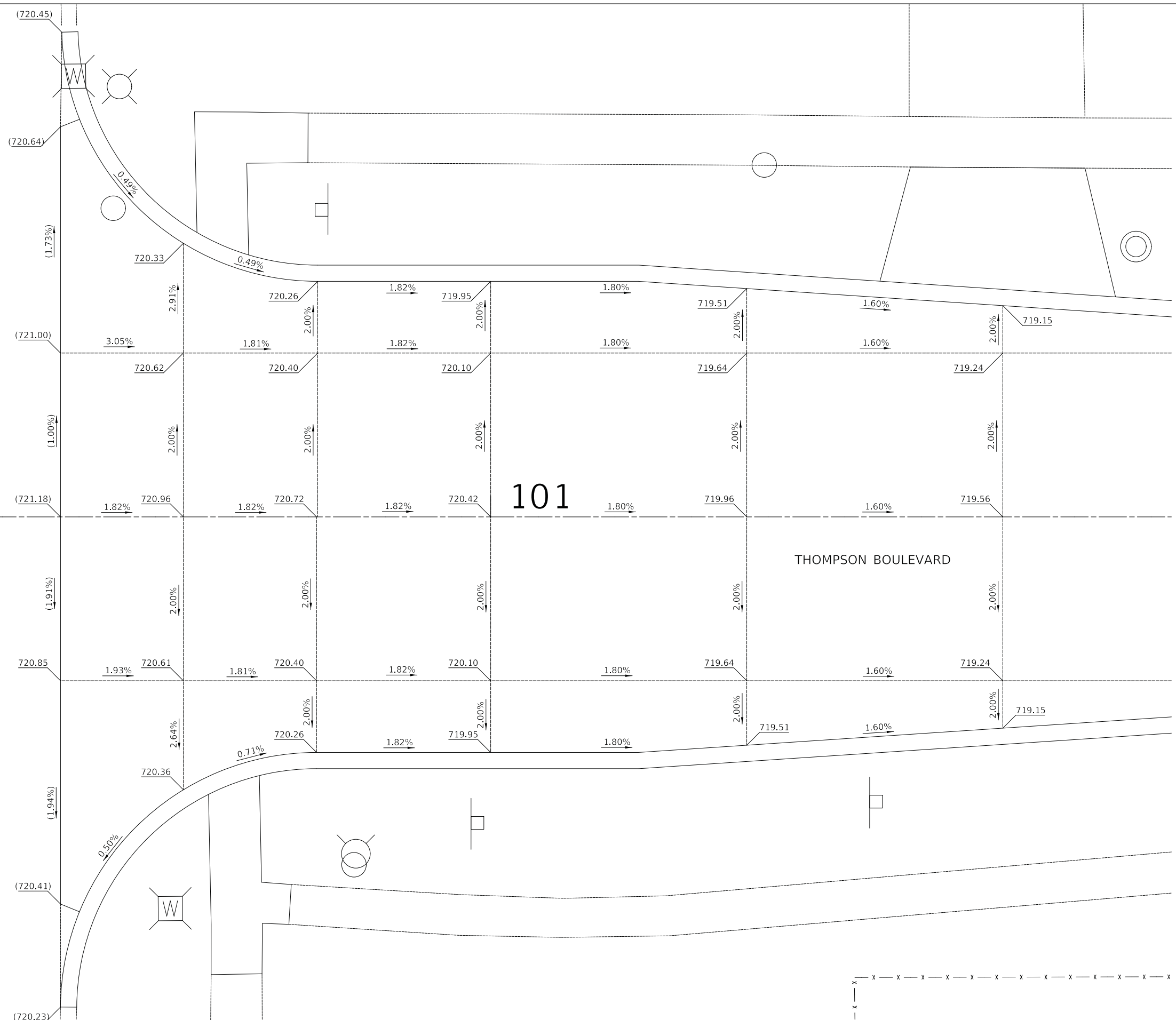
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PROFILE	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	

ARLINGTON HEIGHTS ROAD

THOMPSON BOULEVARD

101



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INTERSECTION GRADING PLAN  
THOMPSON BOULEVARD AND ARLINGTON HEIGHTS ROAD

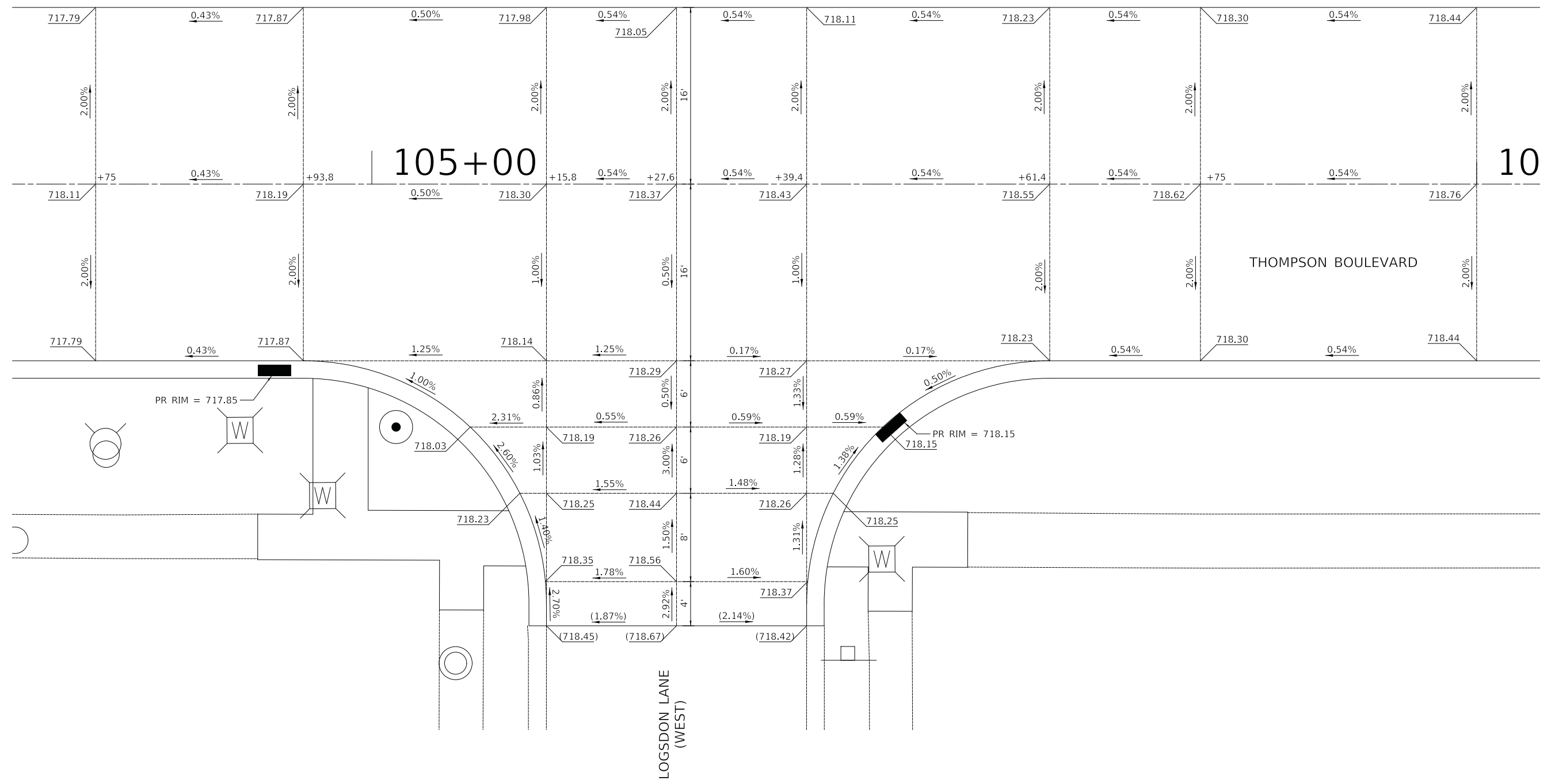
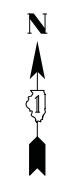
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CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

SHEET 1 OF 15 SHEETS

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

**LEGEND**  
 719.96 PROPOSED GRADE  
 (719.96) EXISTING GRADE  
 1.82% PROPOSED SLOPE  
 (1.82%) EXISTING SLOPE



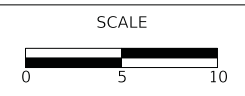
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**INTERSECTION GRADING PLAN**  
**THOMPSON BOULEVARD AND LOGSDON LANE (WEST)**

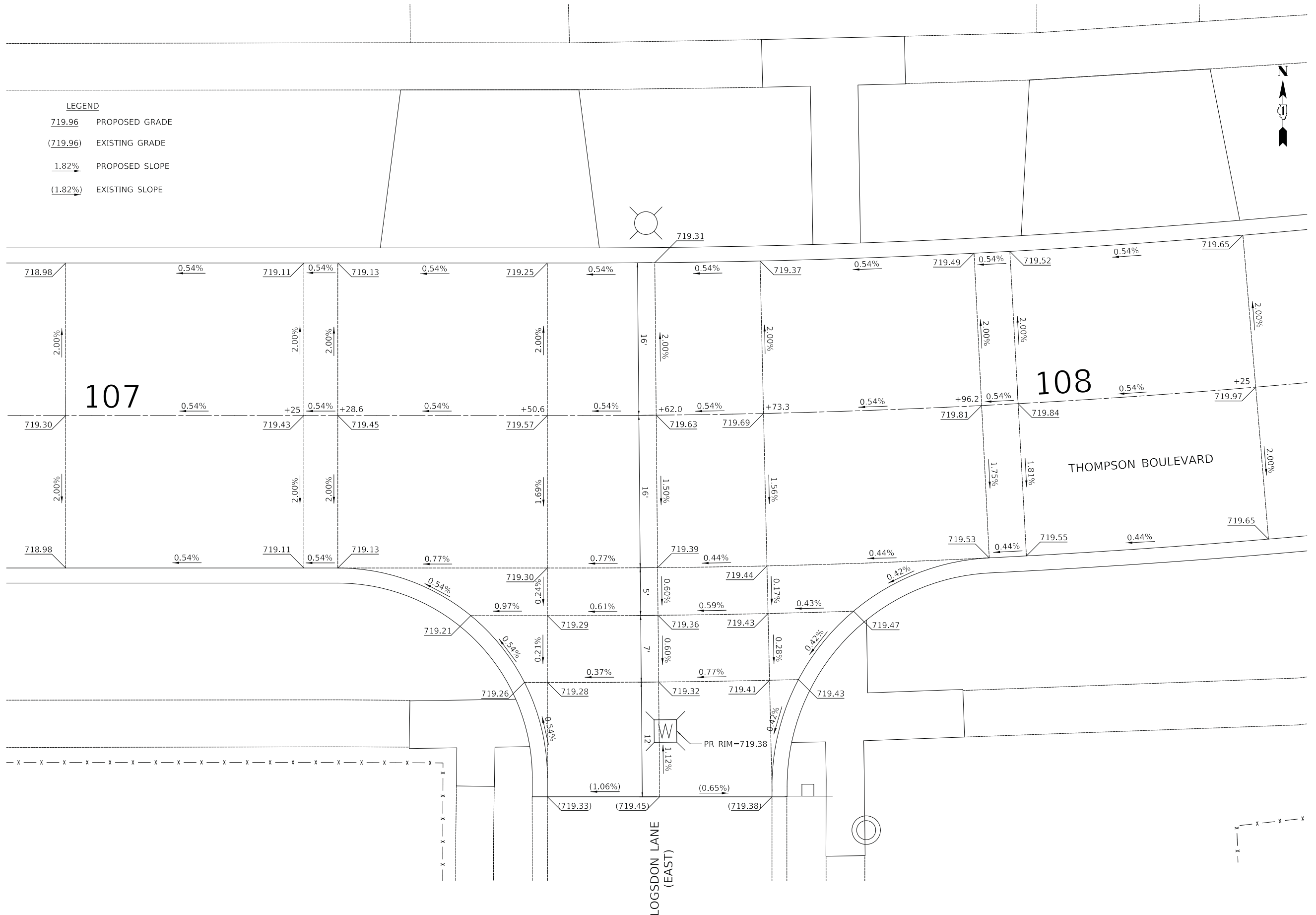
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CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

SHEET 2 OF 15 SHEETS



PLAN	SURVEYED	DATE
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PROFILE	SURVEYED	DATE
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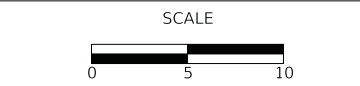
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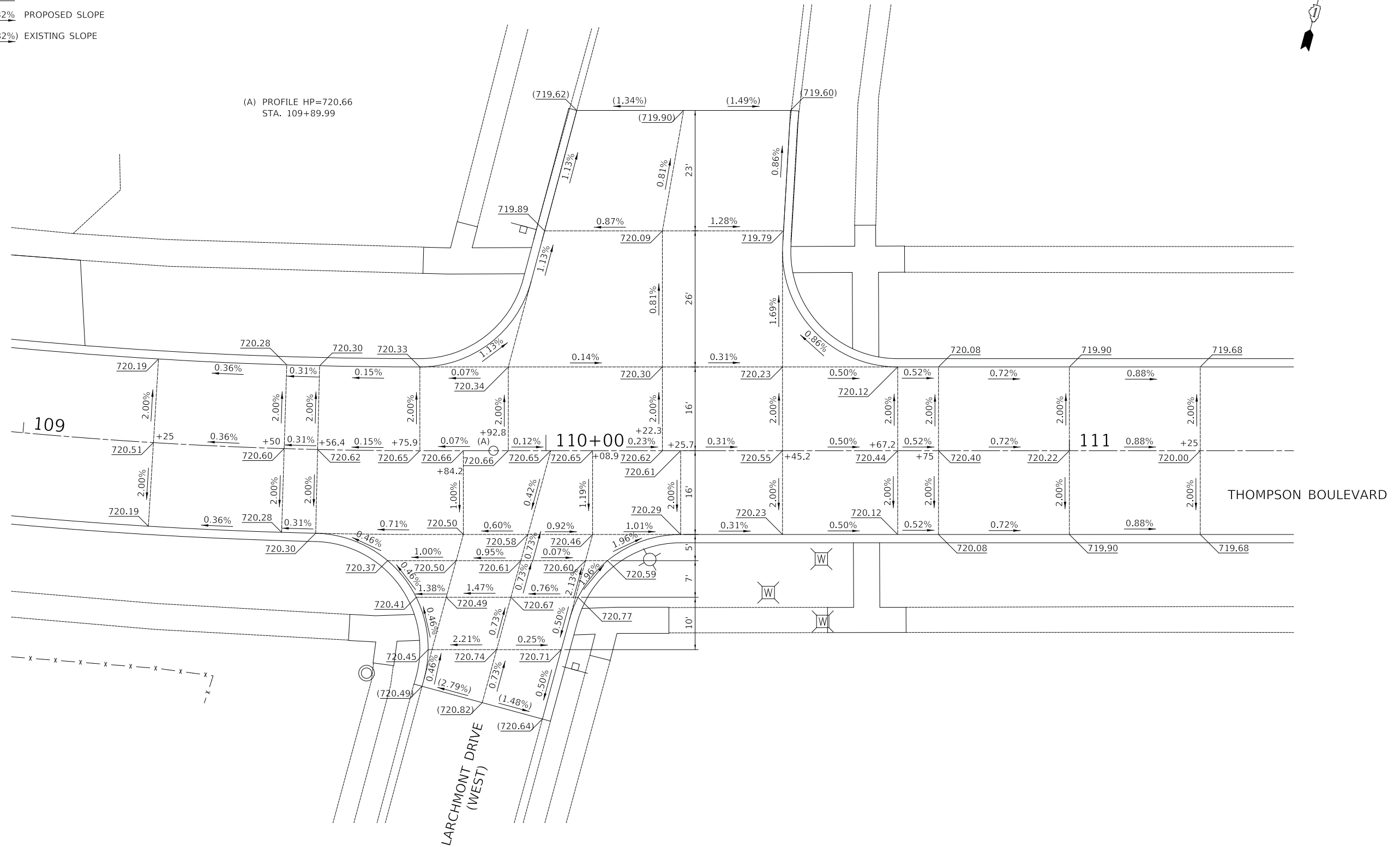


**INTERSECTION GRADING PLAN**  
**THOMPSON BOULEVARD AND LOGSDON LANE (EAST)**

SHEET 3 OF 15 SHEETS

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-RS	LAKE	122	57
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

LEGEND  
 719.96 PROPOSED GRADE  
 (719.96) EXISTING GRADE  
 1.82% PROPOSED SLOPE  
 (1.82%) EXISTING SLOPE



PLAN	SURVEYED	DATE
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NOTE BOOK NO.		

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

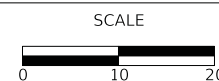
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CHECKED	-	KRK	REVISED	-
DATE	-	11/3/2021	REVISED	-

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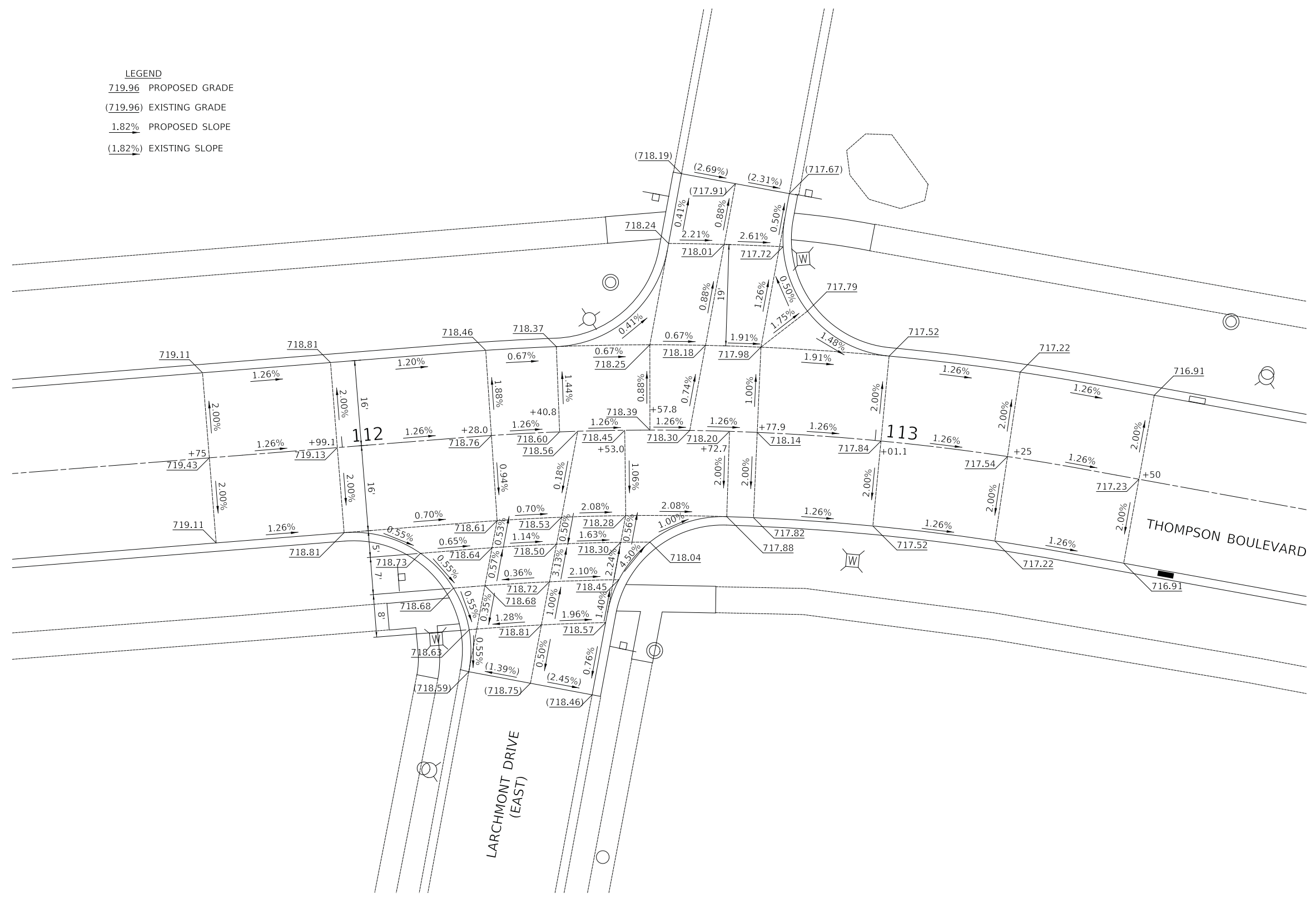
INTERSECTION GRADING PLAN  
 THOMPSON BOULEVARD AND LARCHMONT DRIVE (WEST)

SHEET 4 OF 15 SHEETS

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-RS	LAKE	122	58
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				



**LEGEND**  
 719.96 PROPOSED GRADE  
 (719.96) EXISTING GRADE  
 1.82% PROPOSED SLOPE  
 (1.82%) EXISTING SLOPE



PLAN	SURVEYED	DATE
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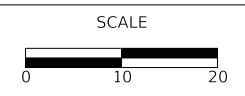
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CHECKED	-	KRK	REVISED	-
DATE	-	11/3/2021	REVISED	-

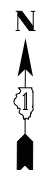
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**INTERSECTION GRADING PLAN  
 THOMPSON BOULEVARD AND LARCHMONT DRIVE (EAST)**

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-RS	LAKE	122	59
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

SHEET 5 OF 15 SHEETS

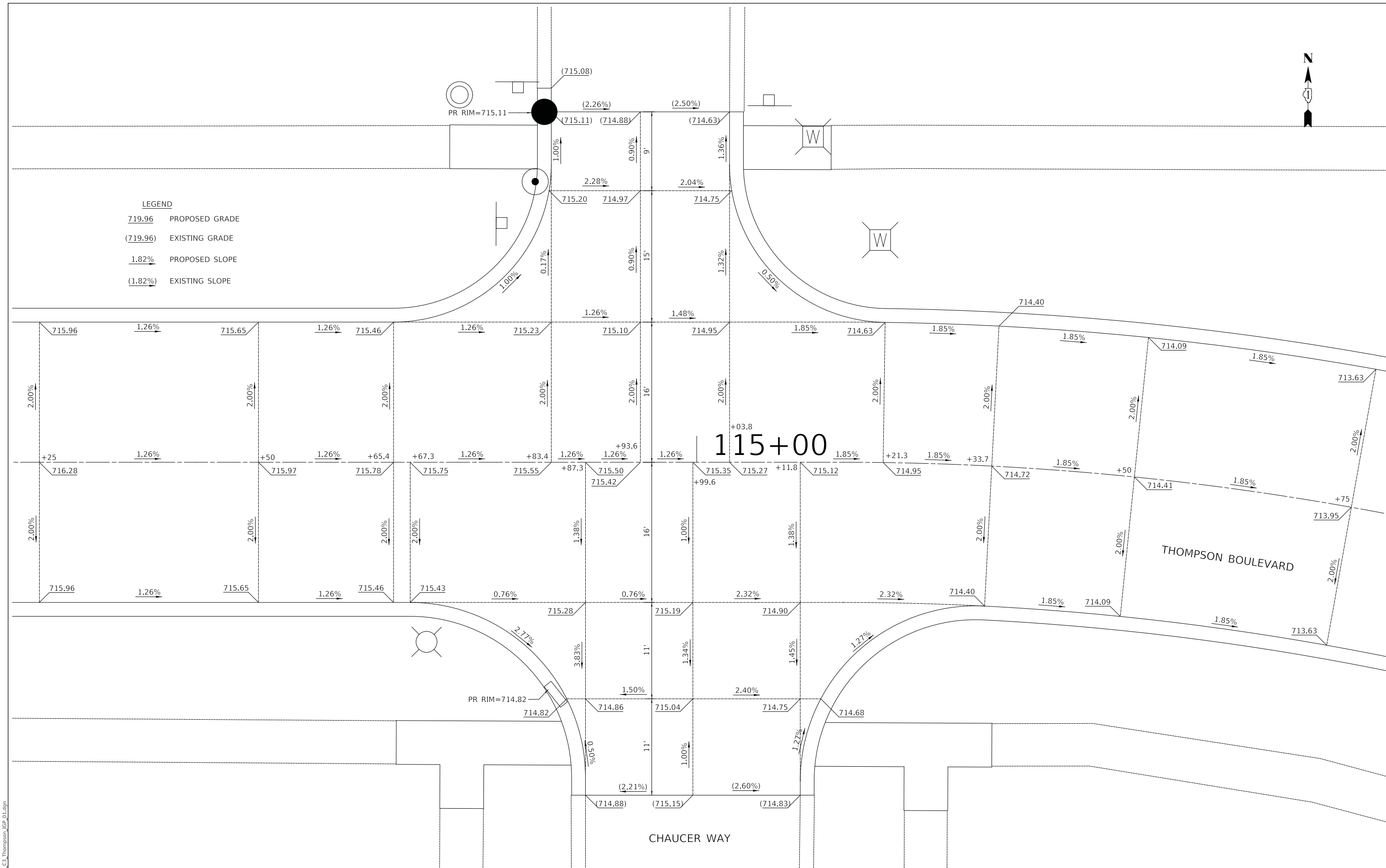


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**LEGEND**

719.96 PROPOSED GRADE  
 (719.96) EXISTING GRADE  
 1.82% PROPOSED SLOPE  
 (1.82%) EXISTING SLOPE



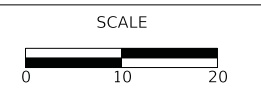
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DATE	-	11/3/2021	REVISED	-

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**INTERSECTION GRADING PLAN**  
**THOMPSON BOULEVARD AND CHAUCER WAY**

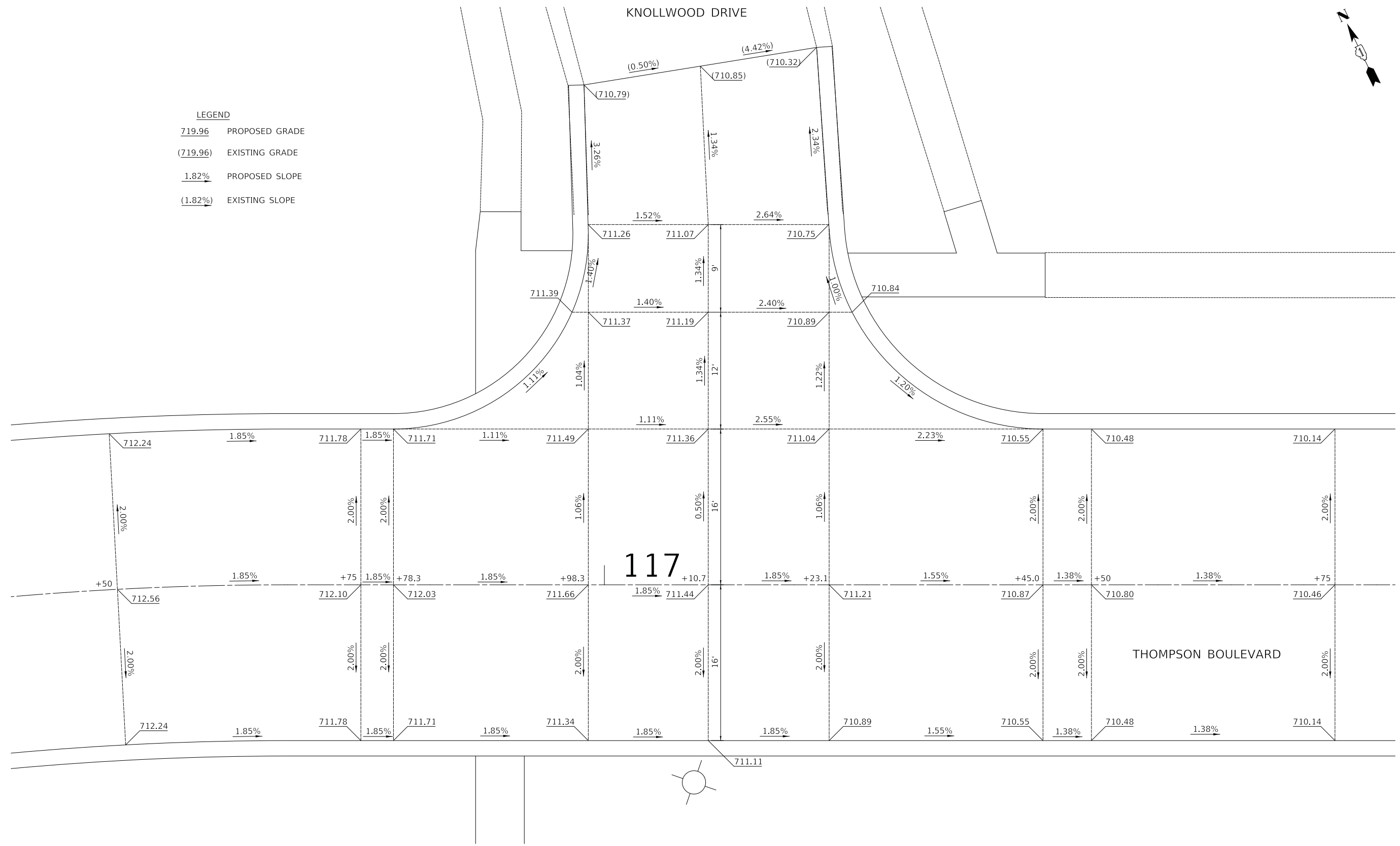
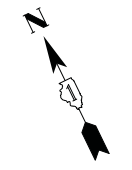
MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-RS	LAKE	122	60
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

SHEET 6 OF 15 SHEETS

PLAN	SURVEYED	DATE
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NOTE BOOK NO.		
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PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.		
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**LEGEND**  
719.96 PROPOSED GRADE  
(719.96) EXISTING GRADE  
1.82% PROPOSED SLOPE  
(1.82%) EXISTING SLOPE



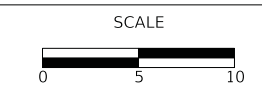
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DATE -	11/3/2021	REVISED -	

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**INTERSECTION GRADING PLAN**  
**THOMPSON BOULEVARD AND KNOLLWOOD DRIVE**

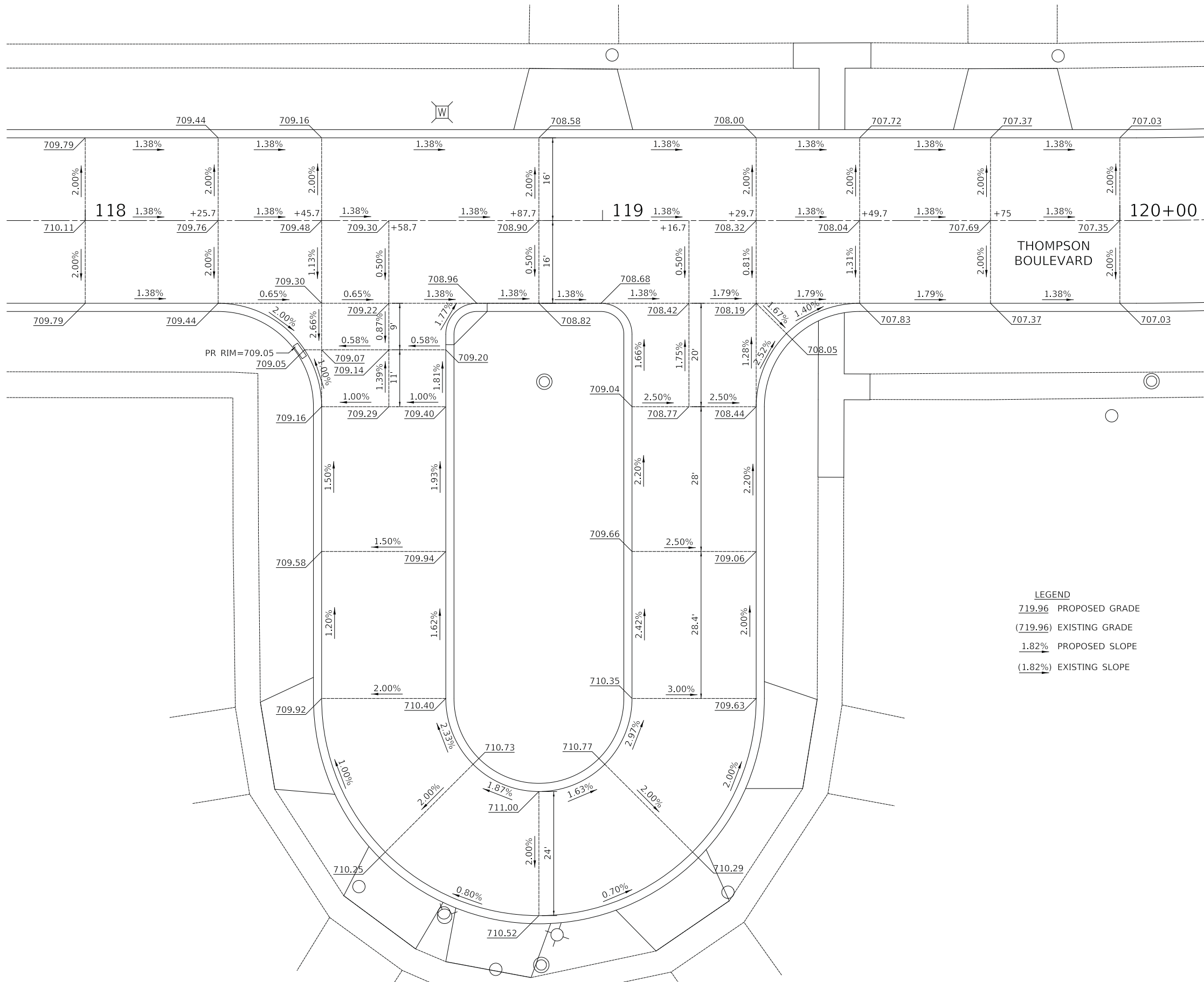
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4756 4801	16-00106-03-RS	LAKE	122	61
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

SHEET 7 OF 15 SHEETS



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

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



**LEGEND**  
719.96 PROPOSED GRADE  
(719.96) EXISTING GRADE  
1.82% PROPOSED SLOPE  
(1.82%) EXISTING SLOPE

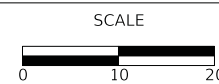
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CHECKED	-	KRK	REVISED	-
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**INTERSECTION GRADING PLAN  
THOMPSON BOULEVARD AND CUL DE SAC**

SHEET 8 OF 15 SHEETS

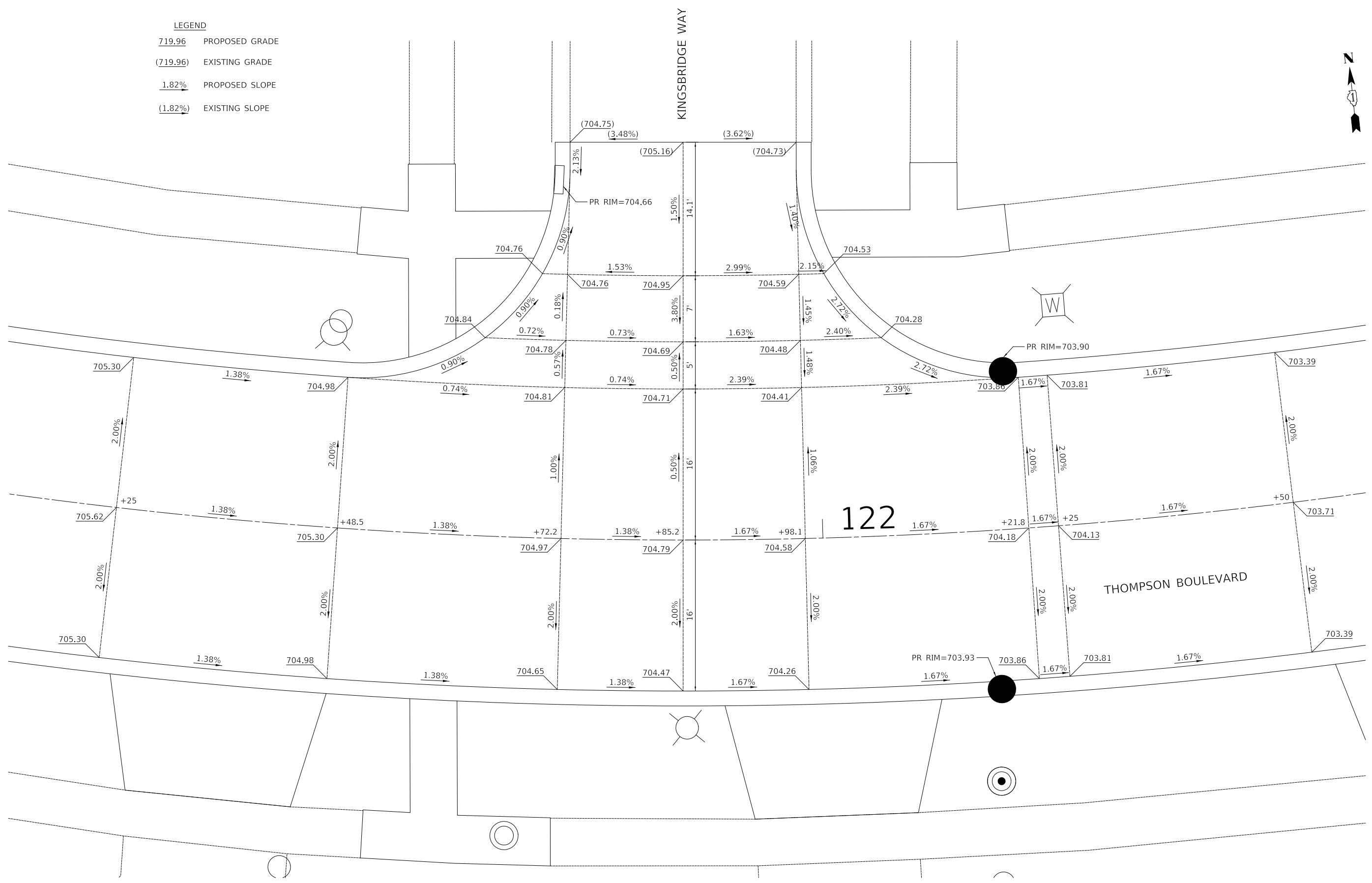
MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-RS	LAKE	122	62
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

**LEGEND**

719.96	PROPOSED GRADE
(719.96)	EXISTING GRADE
1.82%	PROPOSED SLOPE
(1.82%)	EXISTING SLOPE

PLAN	SURVEYED	DATE
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	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
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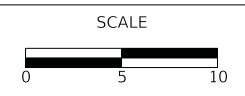
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DATE	-	11/3/2021	REVISED	-

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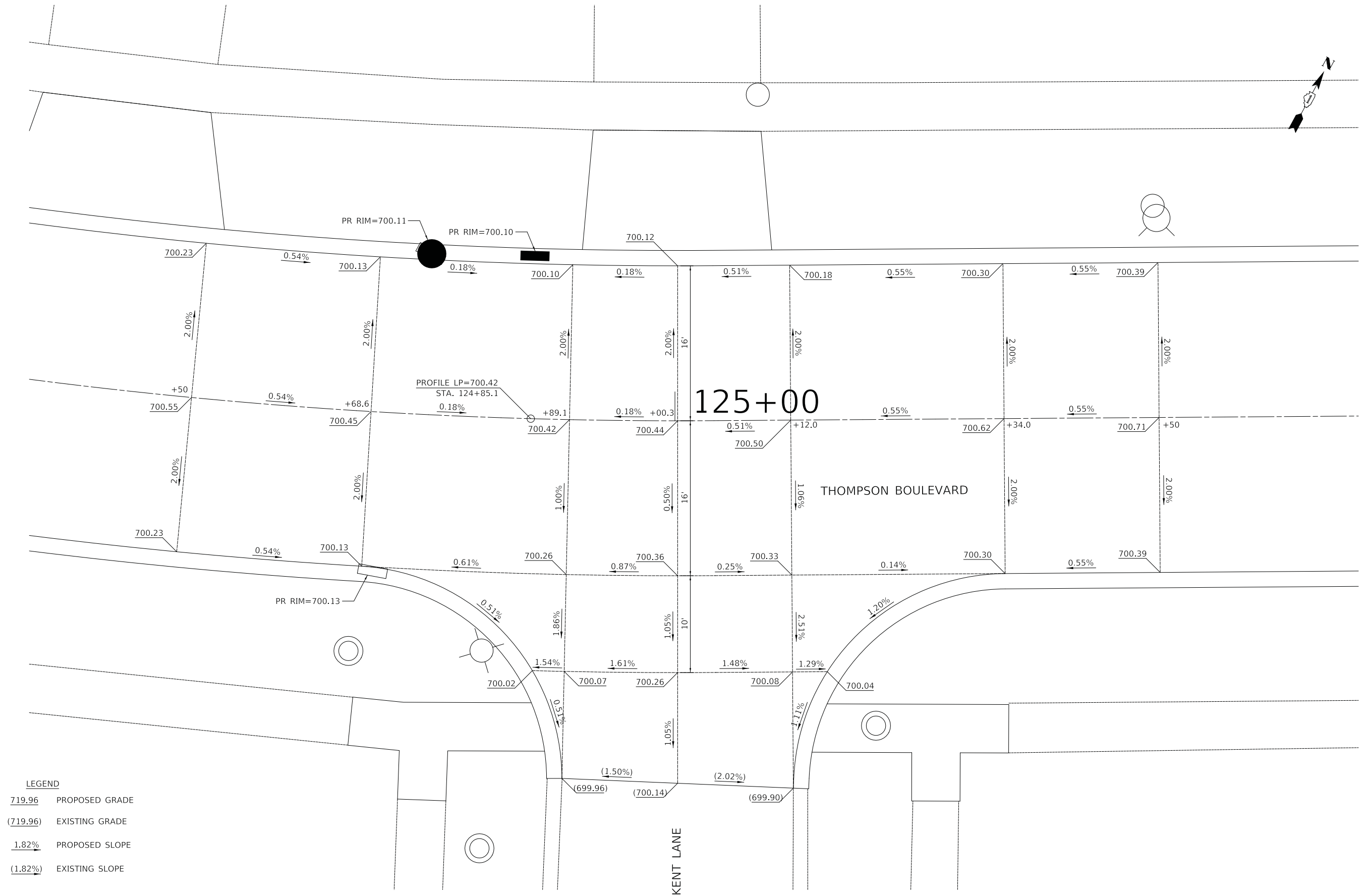
**INTERSECTION GRADING PLAN**  
**THOMPSON BOULEVARD AND KINGSBRIDGE WAY**

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
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CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

SHEET 9 OF 15 SHEETS

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



**LEGEND**

<u>719.96</u>	PROPOSED GRADE
(719.96)	EXISTING GRADE
<u>1.82%</u>	PROPOSED SLOPE
(1.82%)	EXISTING SLOPE

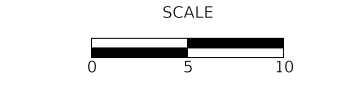
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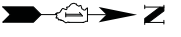


**INTERSECTION GRADING PLAN  
THOMPSON BOULEVARD AND KENT LANE**

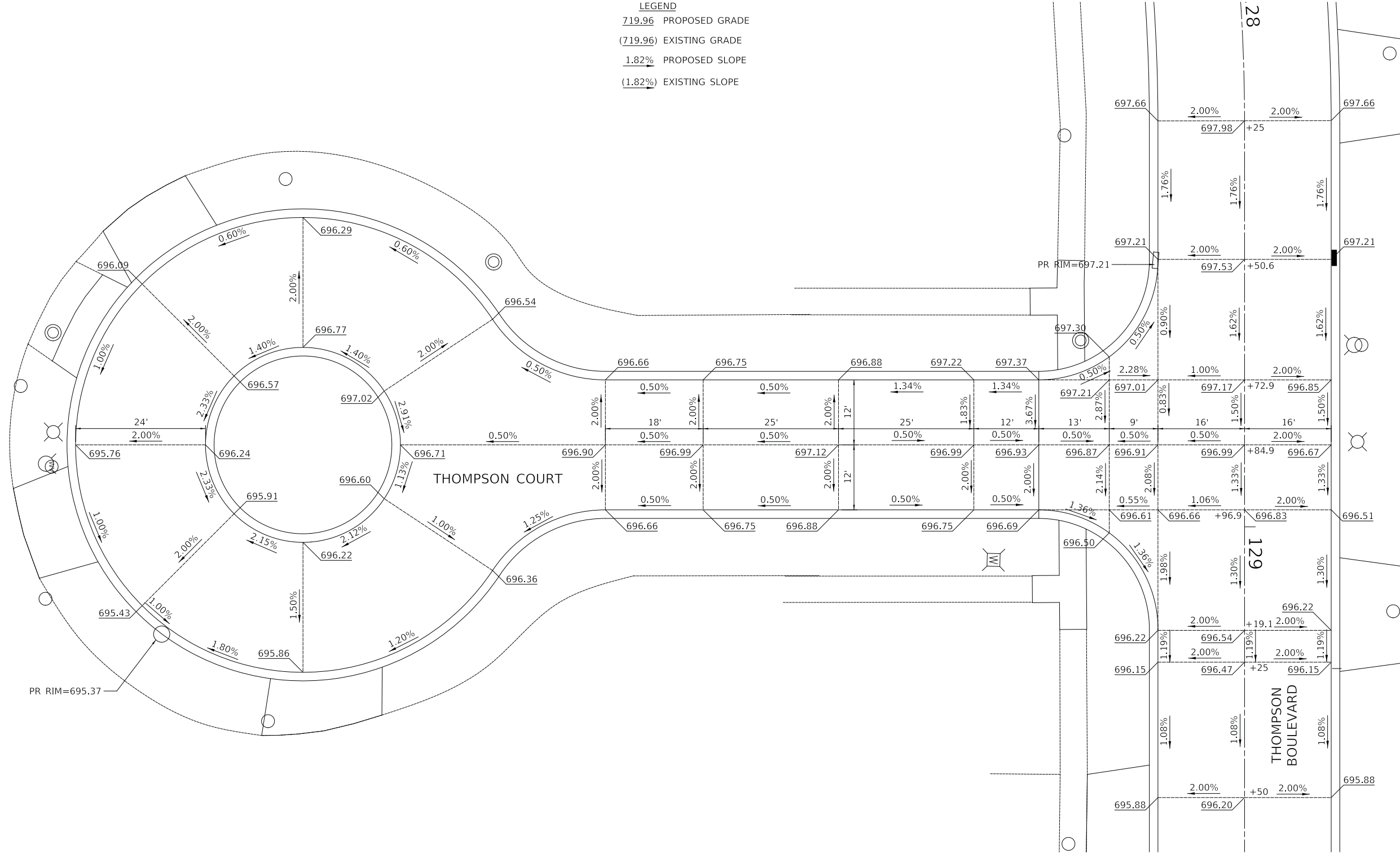
SHEET 10 OF 15 SHEETS

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-RS	LAKE	122	64
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				





**LEGEND**  
719.96 PROPOSED GRADE  
 (719.96) EXISTING GRADE  
1.82% PROPOSED SLOPE  
 (1.82%) EXISTING SLOPE



PLAN	SURVEYED	DATE
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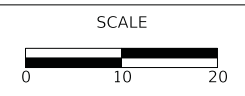
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**INTERSECTION GRADING PLAN**  
**THOMPSON BOULEVARD AND THOMPSON COURT**

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-RS	LAKE	122	65
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

SHEET 11 OF 15 SHEETS

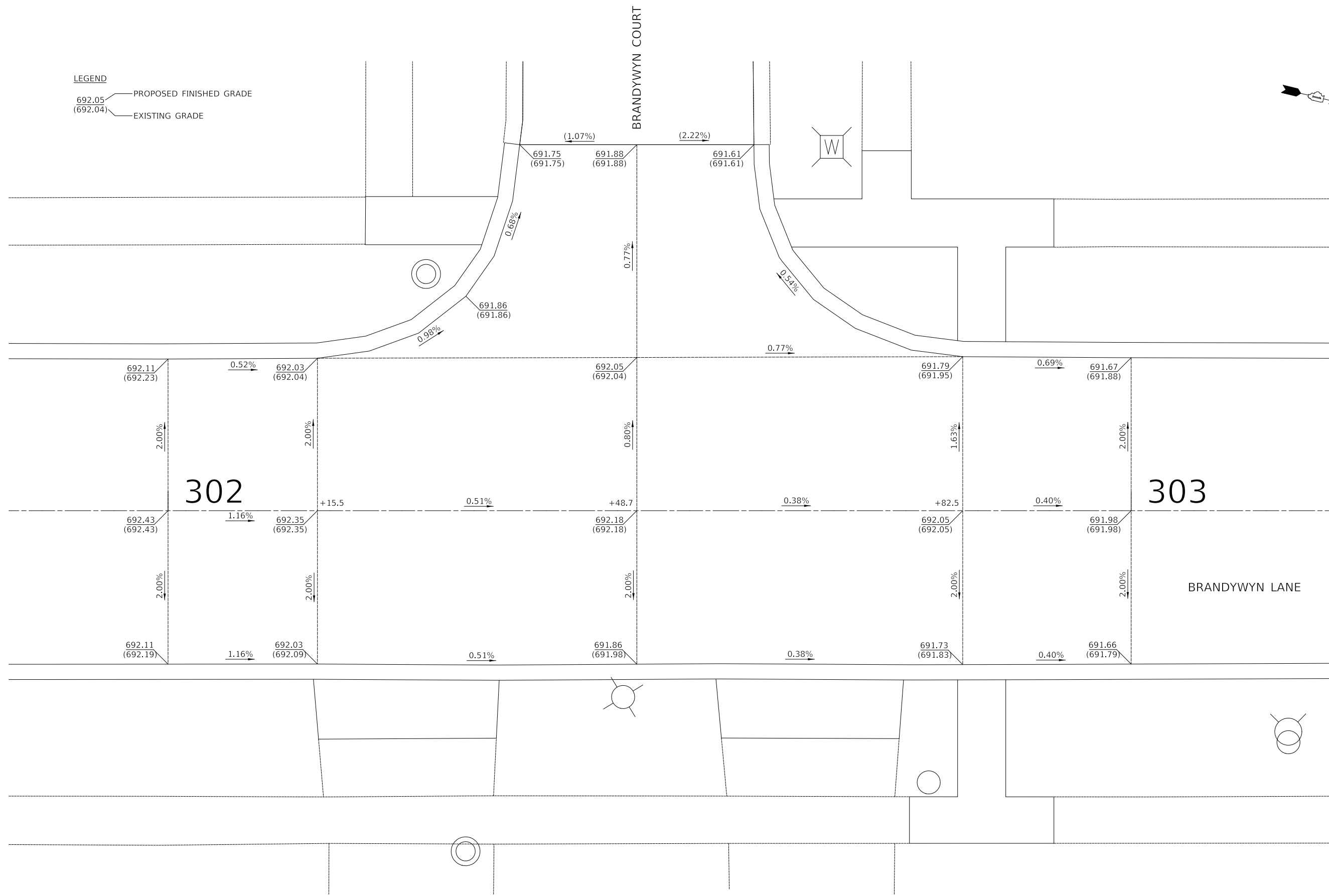
**LEGEND**

- 692.05 — PROPOSED FINISHED GRADE
- (692.04) — EXISTING GRADE



PLAN	SURVEYED	DATE
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NOTE BOOK NO.	ALIGNED	
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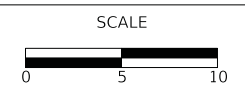
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DATE - 11/3/2021	REVISED -

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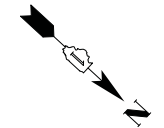


**INTERSECTION GRADING PLAN  
BRANDYWYN LANE & BRANDYWYN COURT**

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
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CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

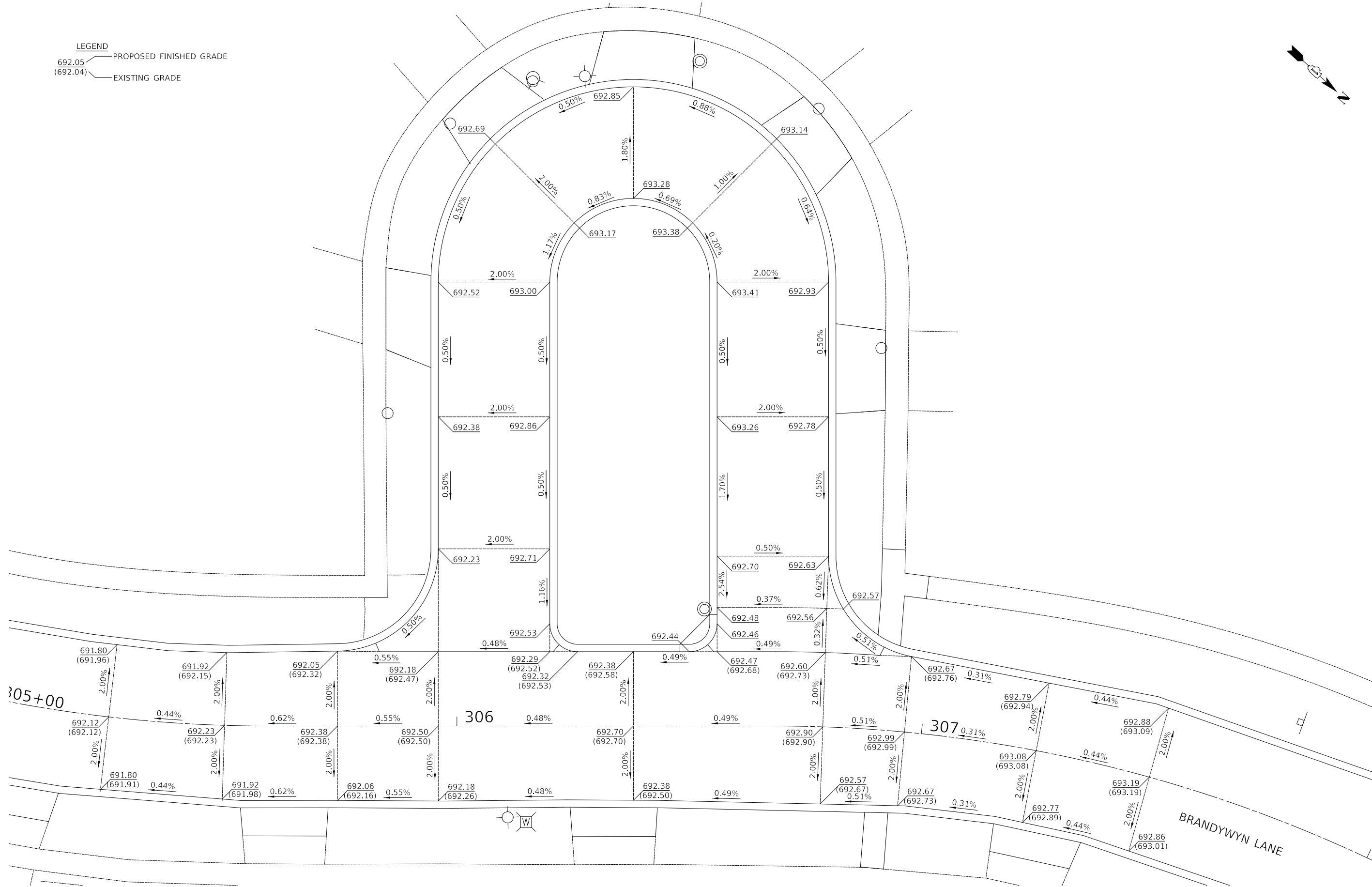
SHEET 12 OF 15 SHEETS

**LEGEND**  
 692.05 — PROPOSED FINISHED GRADE  
 (692.04) — EXISTING GRADE



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



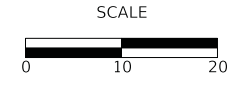
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**INTERSECTION GRADING PLAN**  
**BRANDYWYN LANE & CUL DE SAC**

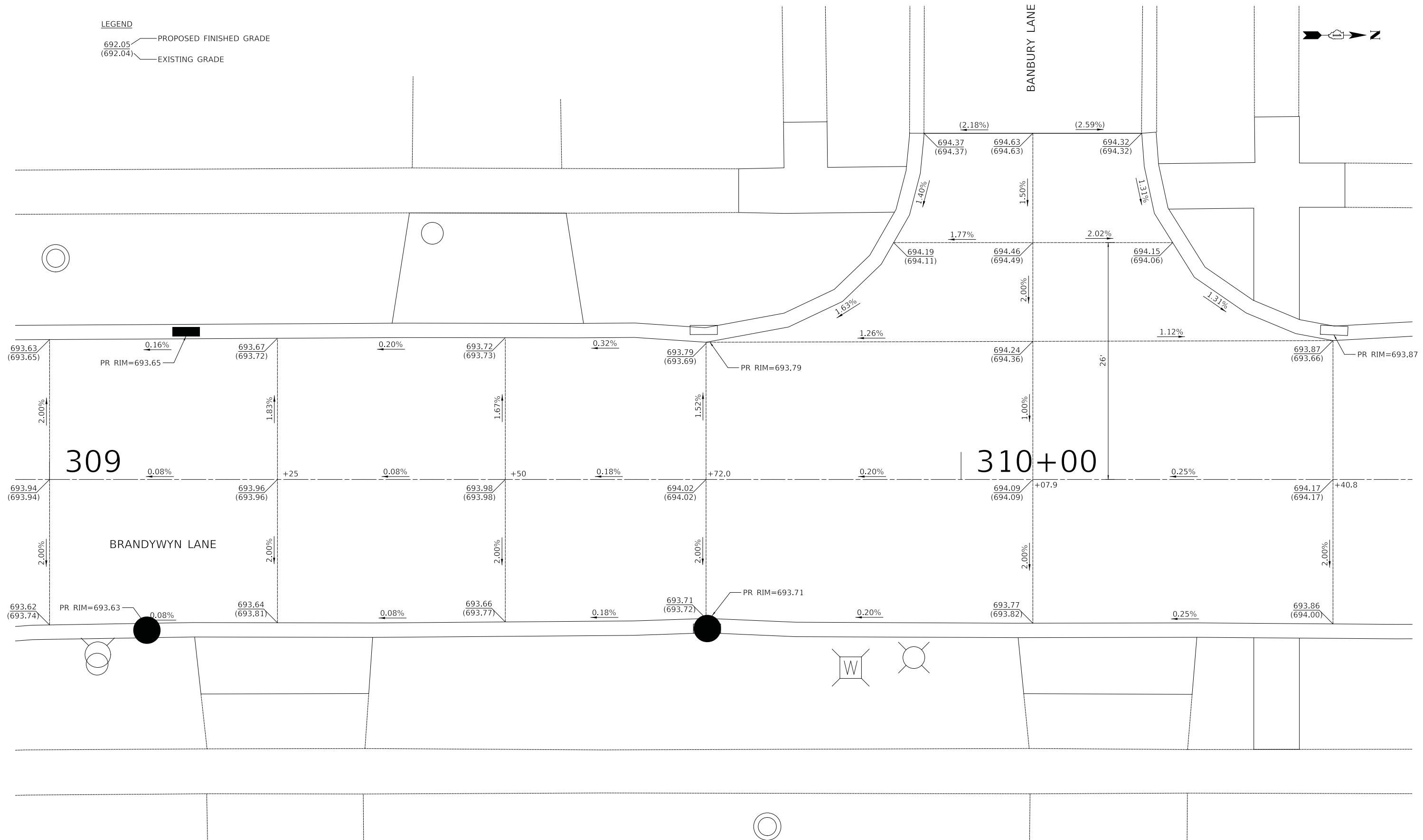
SHEET 13 OF 15 SHEETS

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-R5	LAKE	122	67
CONTRACT NO 61H45				
ILLINOIS		FED AID PROJECT		

**LEGEND**  
 692.05 — PROPOSED FINISHED GRADE  
 (692.04) — EXISTING GRADE

PLAN	SURVEYED	DATE
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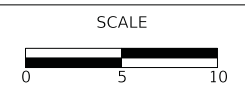
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DATE	-	11/3/2021	REVISED	-

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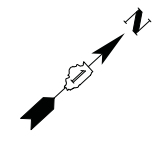


**INTERSECTION GRADING PLAN**  
**BRANDYWYN LANE & BANBURY LANE**

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
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CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

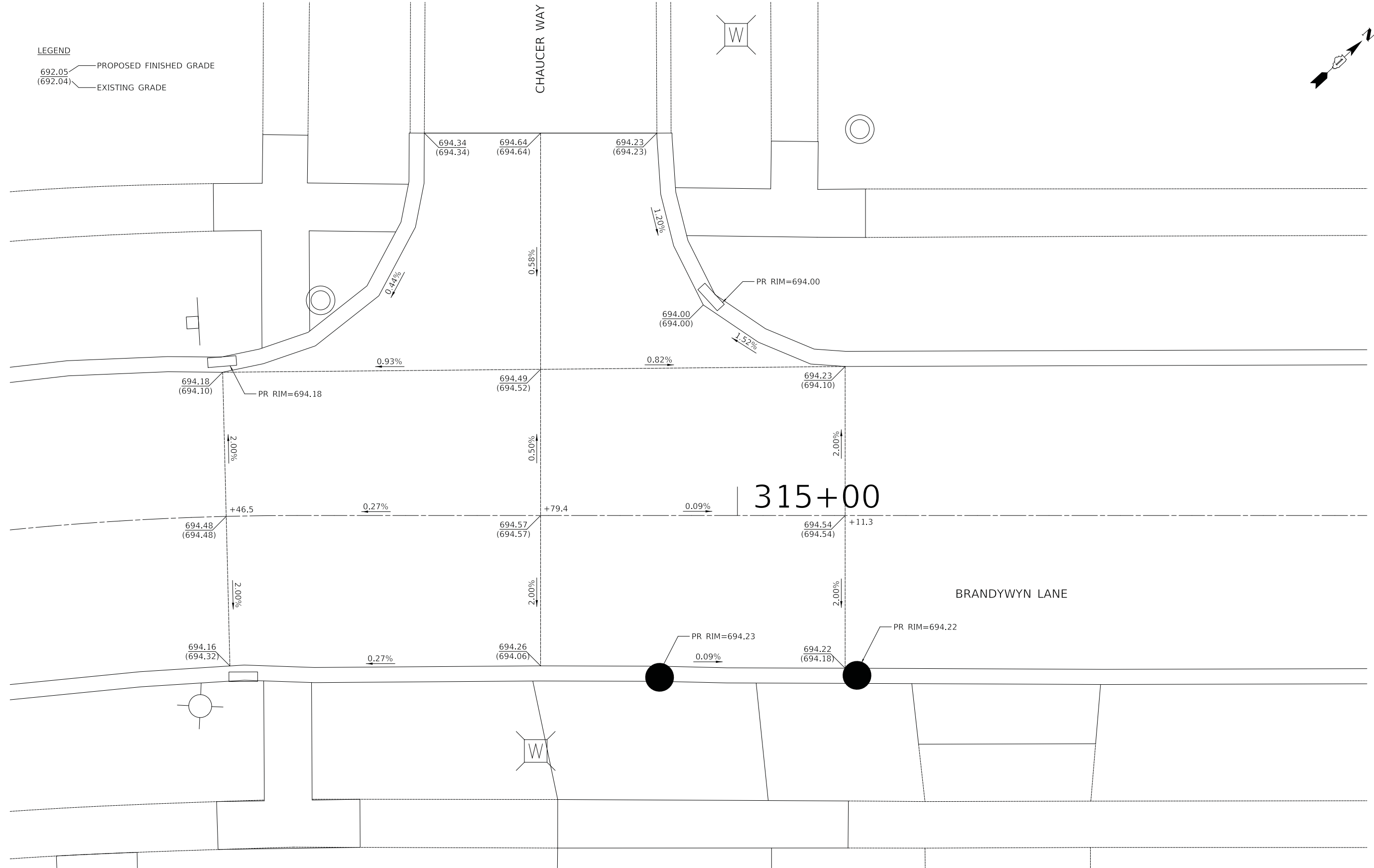
SHEET 14 OF 15 SHEETS

**LEGEND**  
 692.05 — PROPOSED FINISHED GRADE  
 (692.04) — EXISTING GRADE



PLAN	SURVEYED	DATE
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NOTE BOOK NO.		



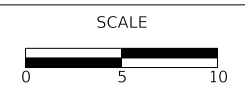
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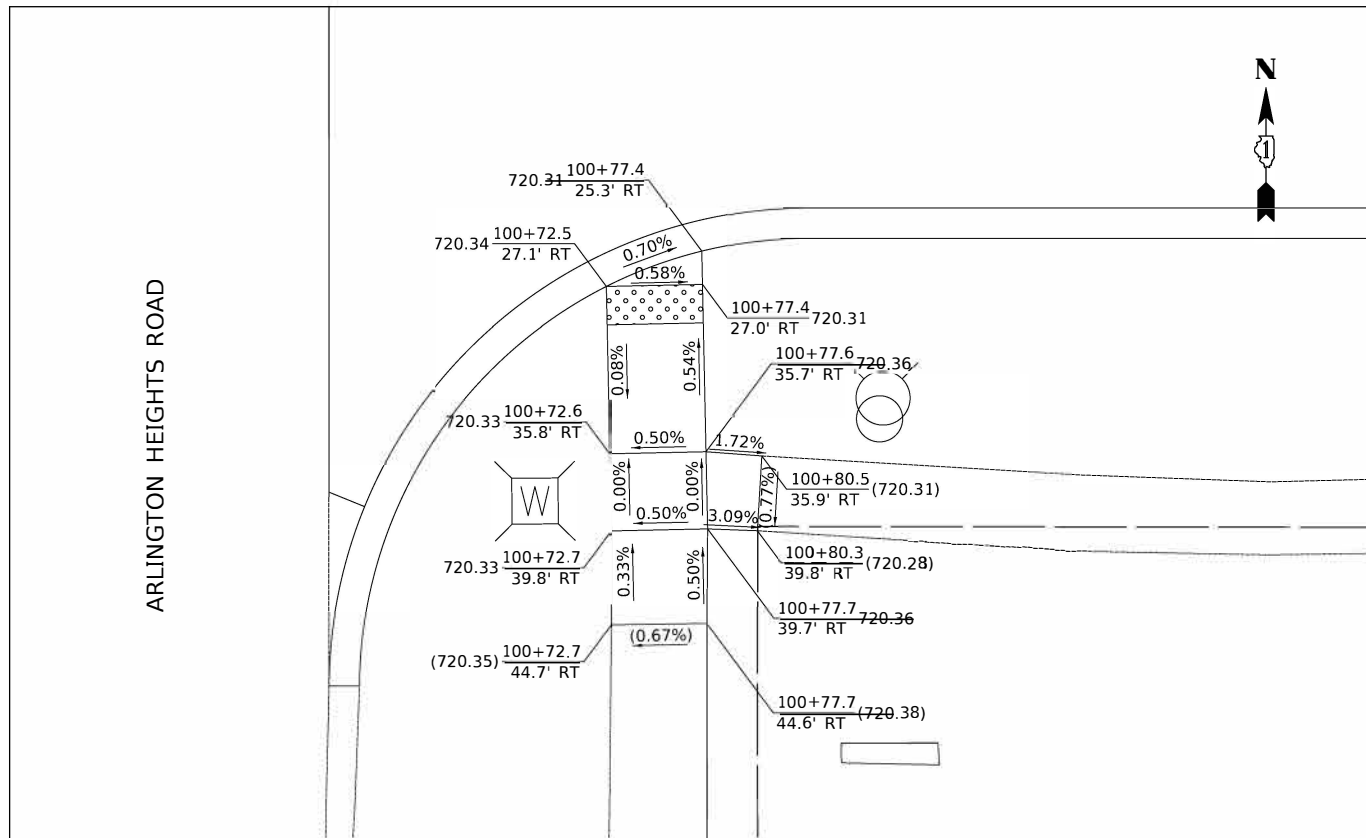
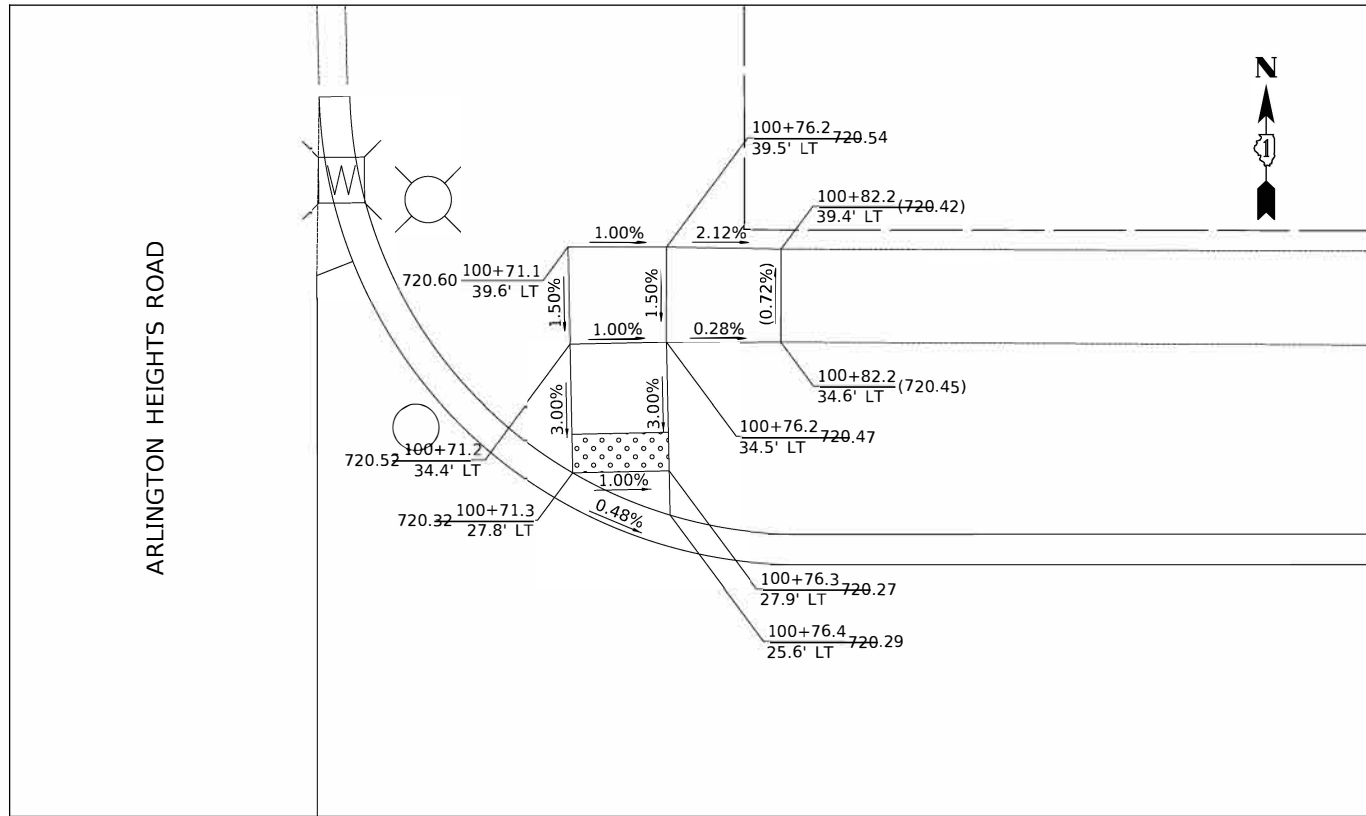
**INTERSECTION GRADING PLAN**  
**BRANDYWYN LANE & CHAUCER WAY**

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-RS	LAKE	122	69
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

SHEET 15 OF 15 SHEETS

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

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



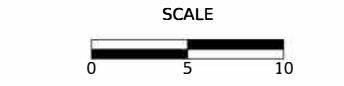
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FILE NAME: ...13223 C3\_Thompson\_ADA\_D1.dgn



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DATE -	7/27/2020	REVISED -	

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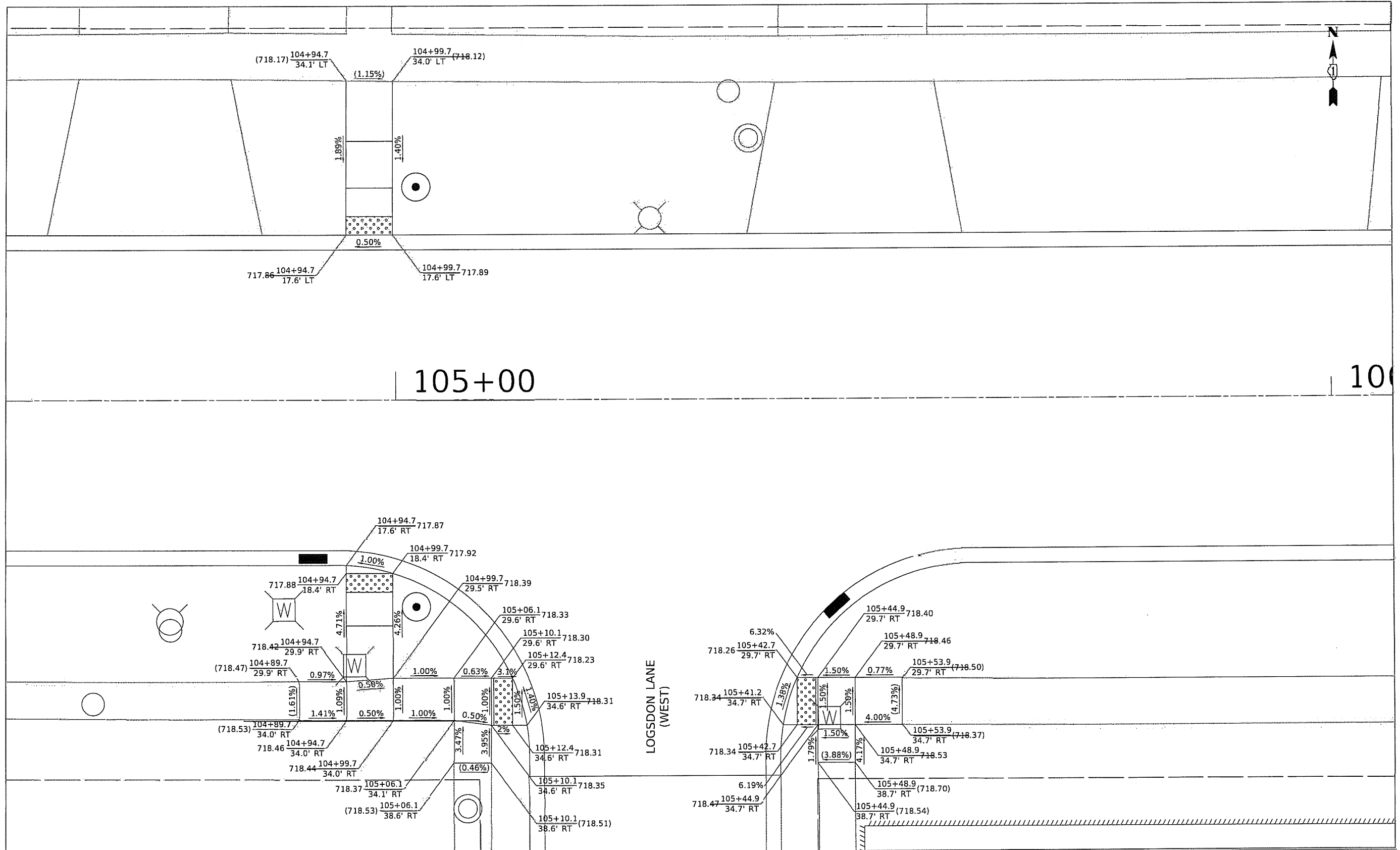
ADA GRADING

SHEET 1 OF 37 SHEETS

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-02-R5	LAKE	122	70
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

PLAN	DATE
SURVEYED	BY
PLOTTED	
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NO. OF WAYS CHECKED	
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PROFILE	DATE
NO. OF WAYS CHECKED	BY
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NO. OF WAYS CHECKED	
CADD FILE NAME	
NO.	



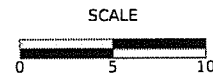
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FILE NAME: 13323\_C3\_Thompson\_ADA\_01.dwg



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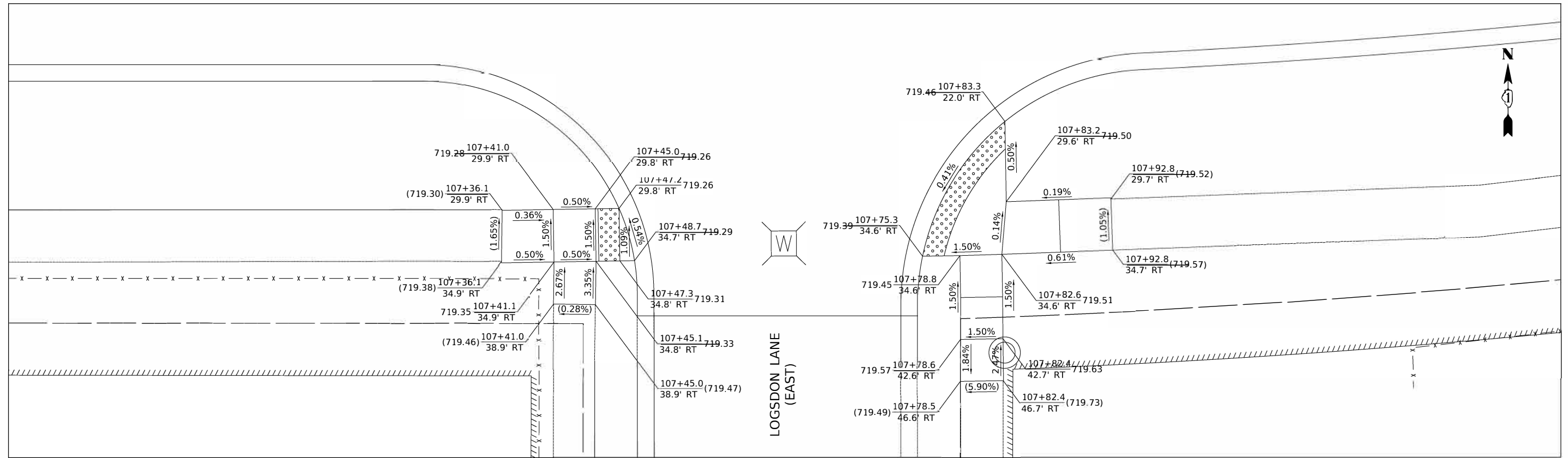
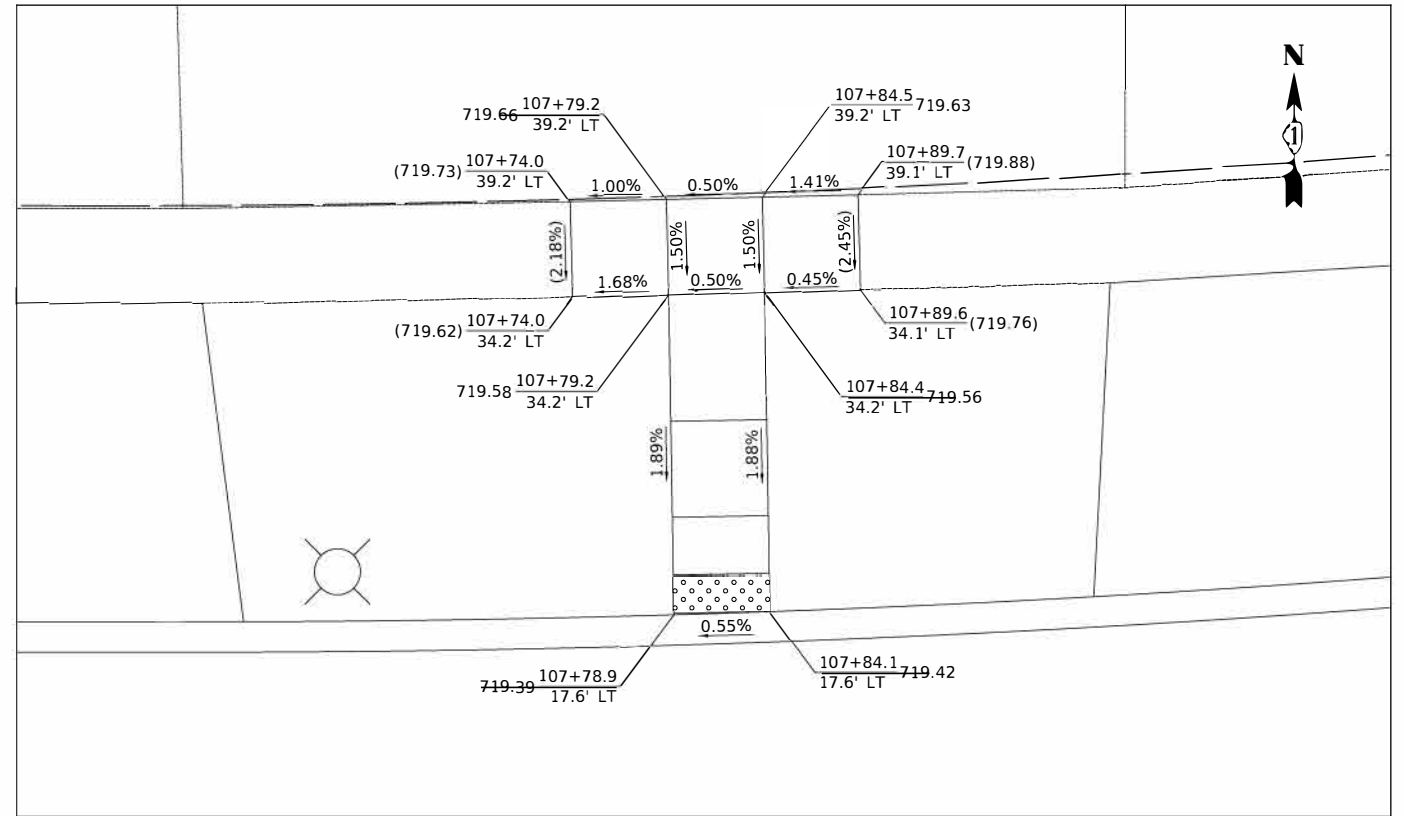
ADA GRADING

SHEET 2 OF 37 SHEETS

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-02-RS	LAKE	122	71
				CONTRACT NO. 61445
ILLINOIS FED AID PROJECT				

PLAN	SUBMITTED	DATE
	PLOTTED	
NOTE BOOK NO.	GRAPHS CHECKED	
	STRUCTURE NOTATIONS CHECKED	

PROFILE	SUBMITTED	DATE
	PLOTTED	
NOTE BOOK NO.	GRAPHS CHECKED	
	STRUCTURE NOTATIONS CHECKED	



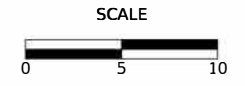
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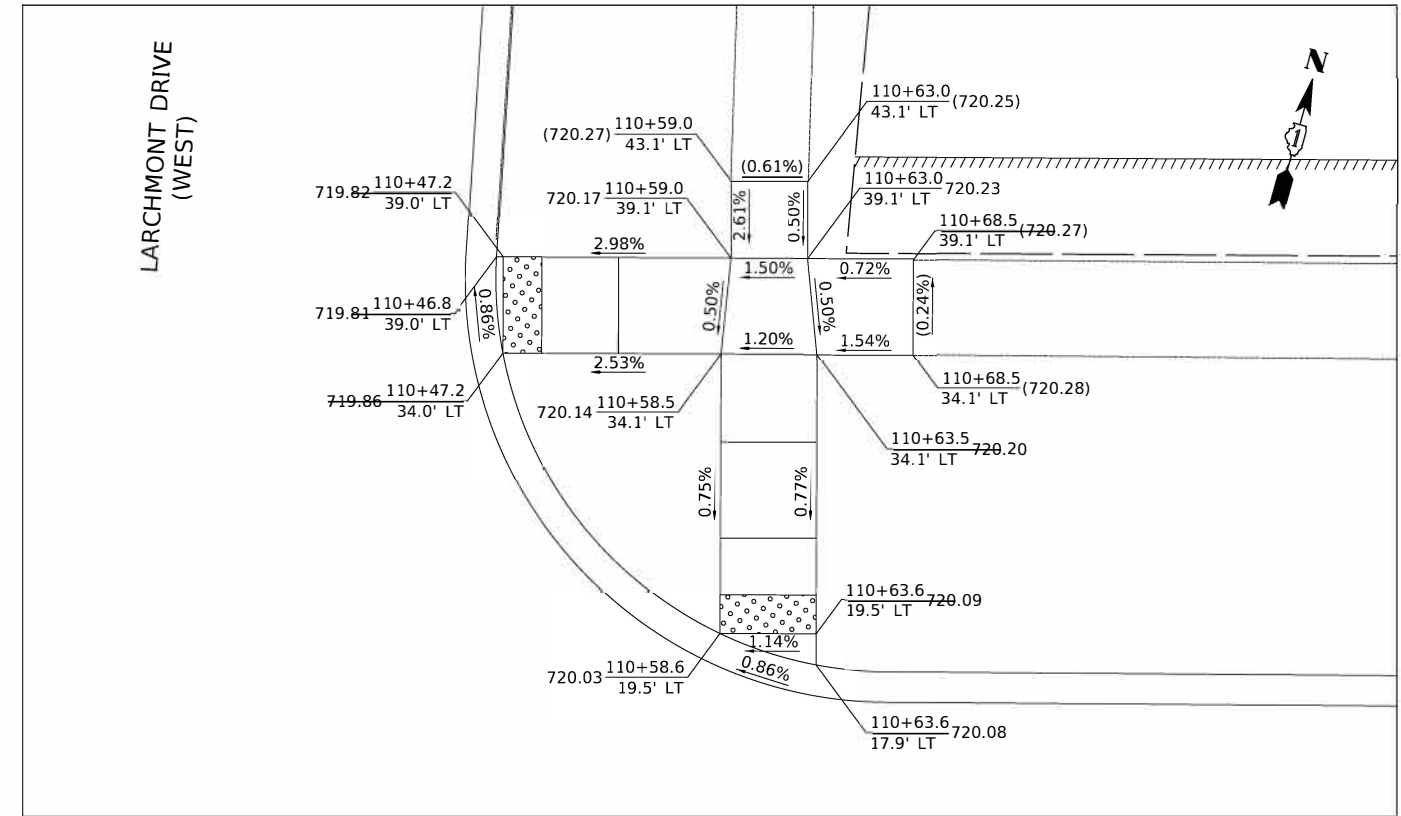
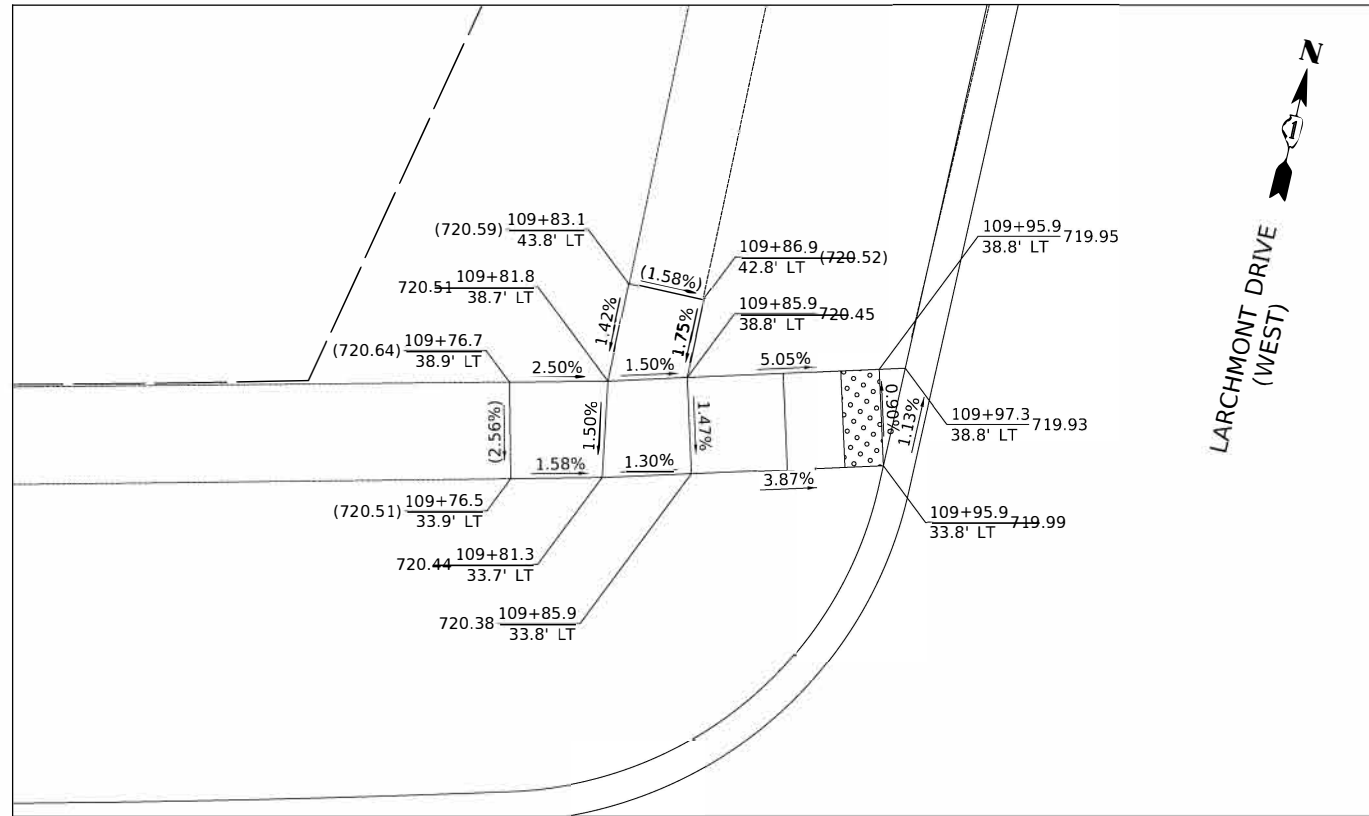
SHEET 3 OF 37 SHEETS

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-02-R5	LAKE	122	72
CONTRACT NO 61H45				

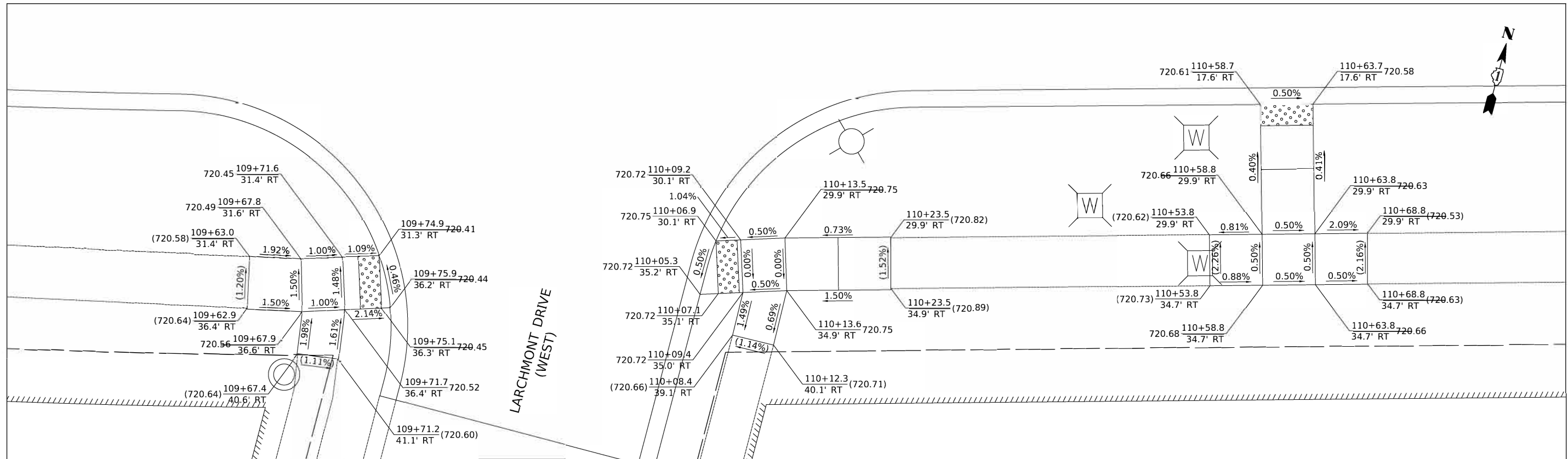
ILLINOIS FED AID PROJECT



PLAN	SUBMITTED	DATE
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	FILE NAME	
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PROFILE	SUBMITTED	DATE
	PLOTTED	
	GRAPHS CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	



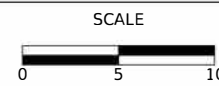
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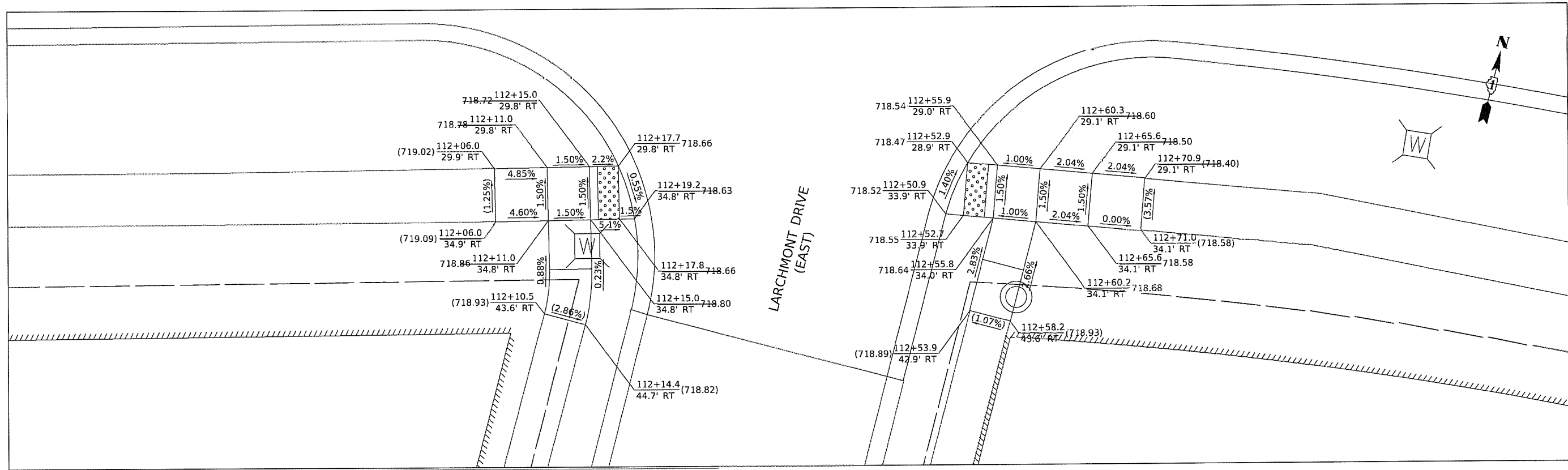
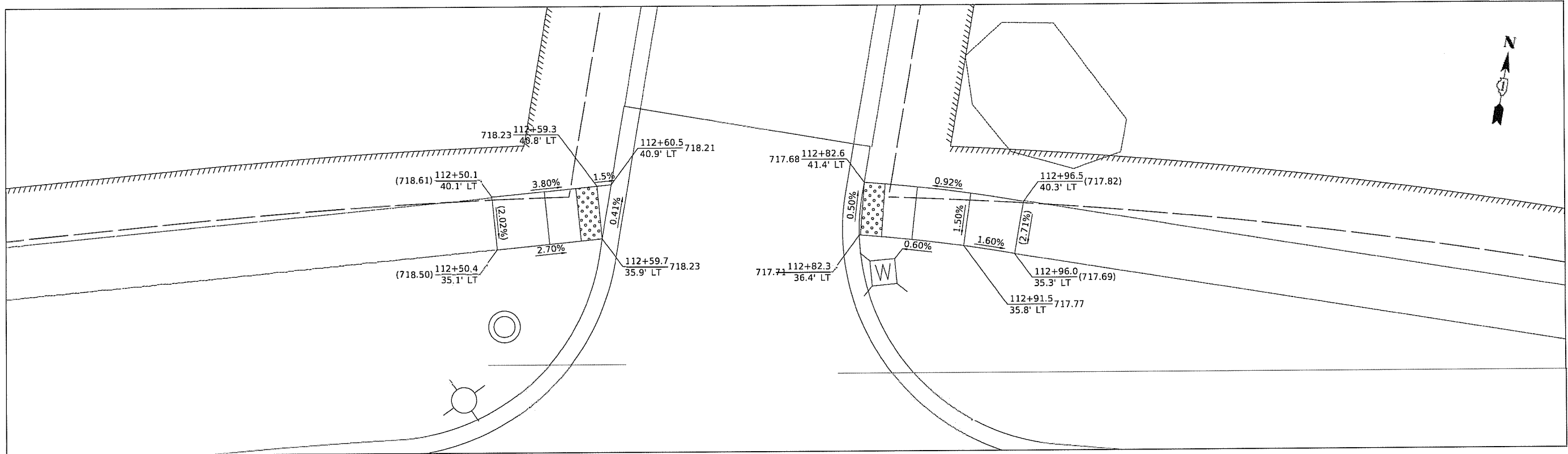
ADA GRADING

SHEET 4 OF 37 SHEETS

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-02-R5	LAKE	122	73
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
NO.	

DATE	
BY	
DESIGNED	
DRAWN	
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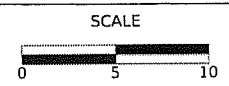
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FILE NAME: 33323\_C3\_Thompson\_ADA\_01.dwg

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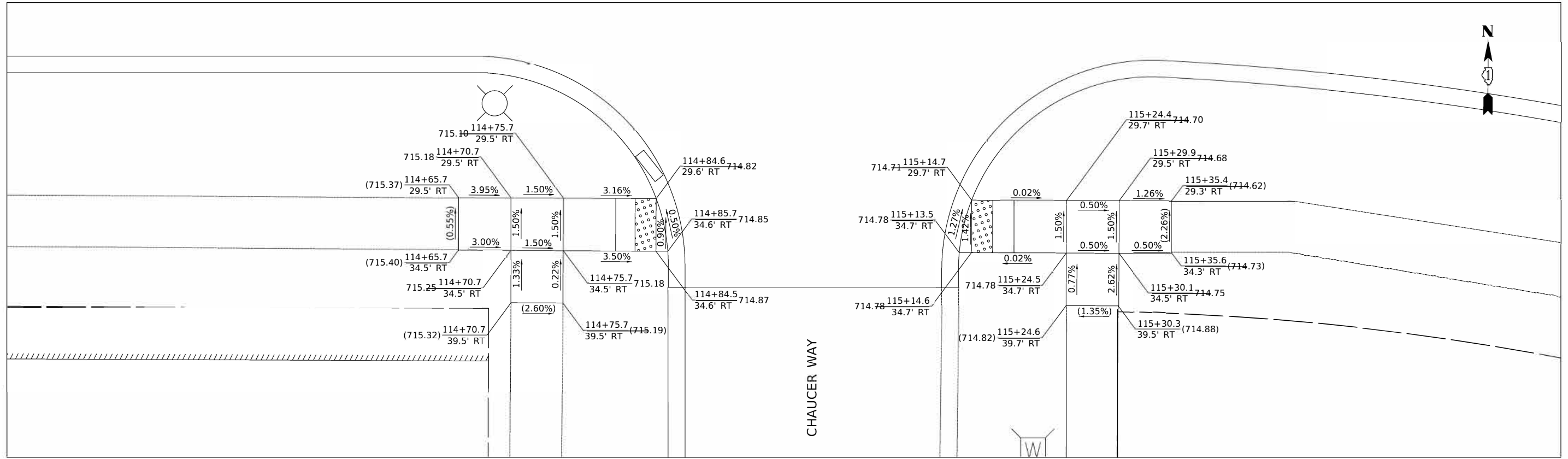
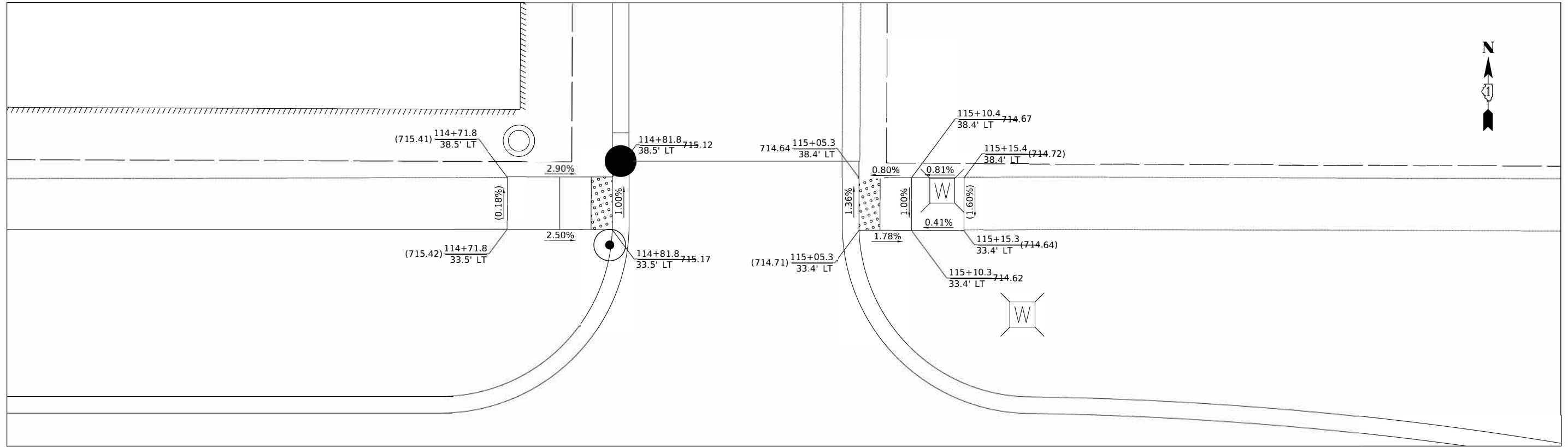
ADA GRADING

SHEET 5 OF 37 SHEETS

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-02-RS	LAKE	122	94
CONTRACT NO 61H45				
ILLINOIS, FED AID PROJ ECT				

PLAN	SUBMITTED	DATE
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NOTE BOOK NO.	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	CADD FILE NAME	

PROFILE	SUBMITTED	DATE
	PLOTTED	
NOTE BOOK NO.	GRADPS CHECKED	
	STRUCTURE NOTATIONS CHECKED	



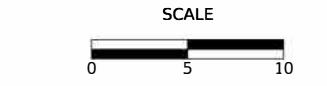
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DATE -	7/27/2020	REVISED -	

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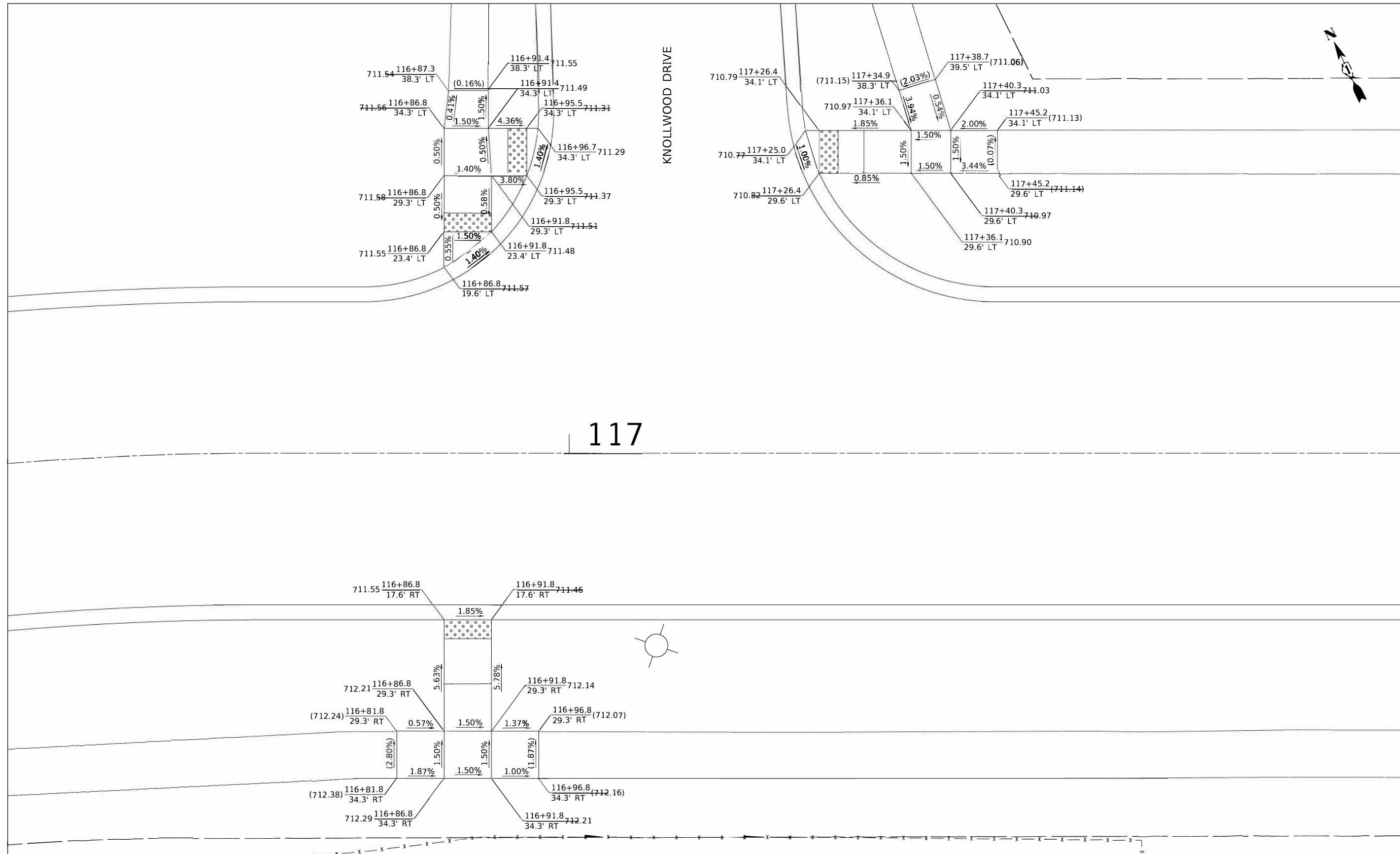


ADA GRADING  
SHEET 6 OF 37 SHEETS

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-02-R5	LAKE	122	75
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

PLAN	SUBMITTED	DATE
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	ALIGNMENT CHECKED	
	GRADES CHECKED	
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PROFILE	SUBMITTED	DATE
	PLOTTED	
	GRADES CHECKED	
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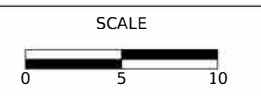
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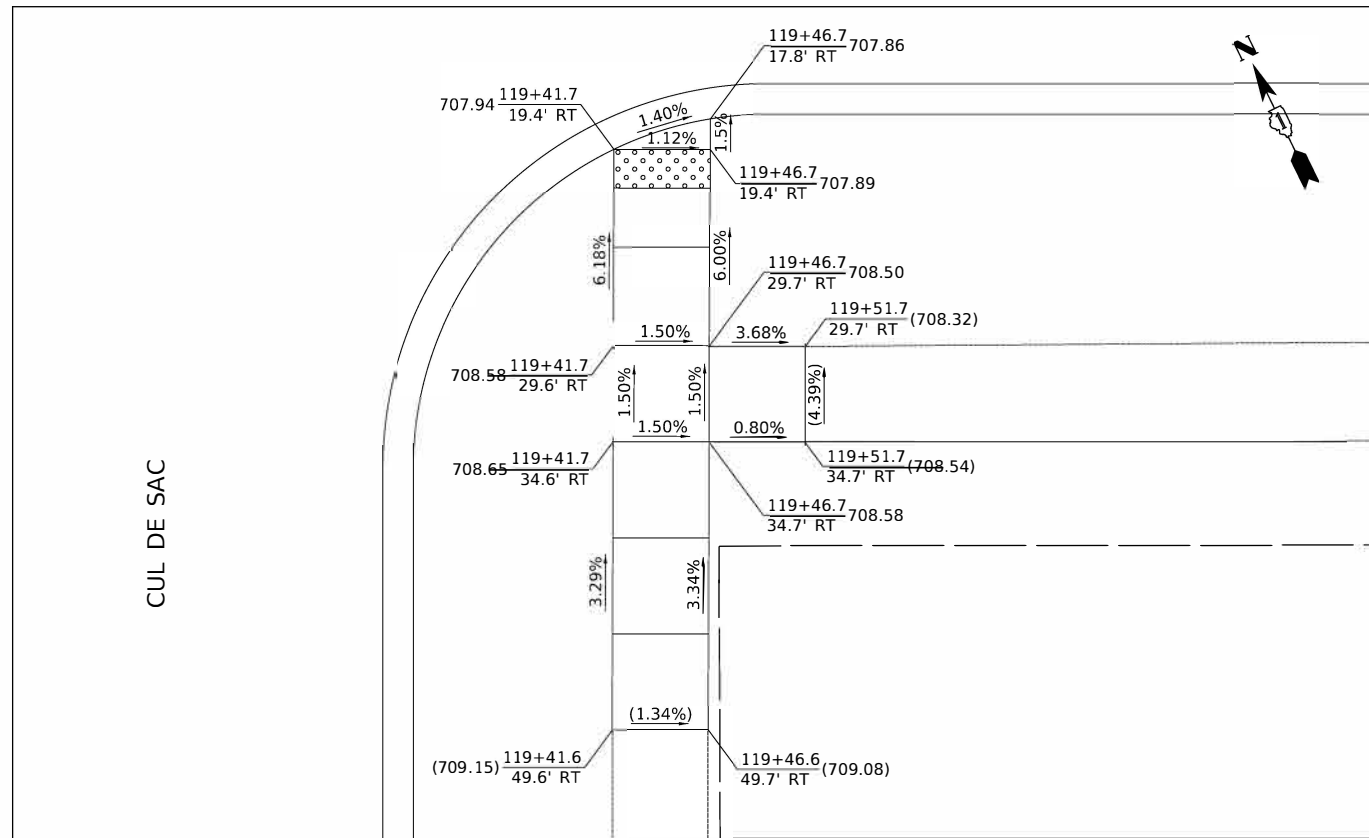
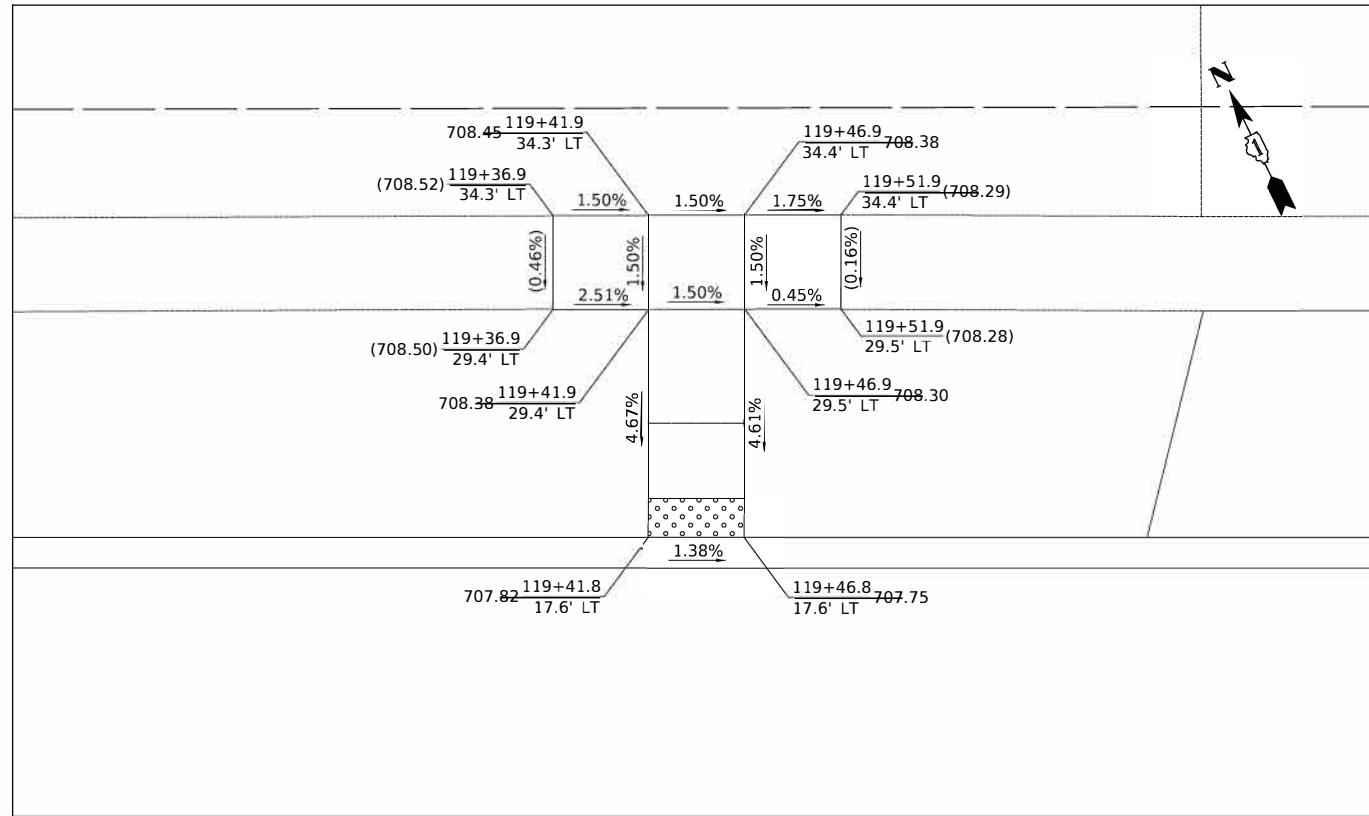


ADA GRADING  
SHEET 7 OF 37 SHEETS

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-02-R5	LAKE	122	76
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

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

PROFILE	SUBMITTED	DATE
	PLOTTED	BY
NOTE BOOK NO.	GRABS CHECKED	
	STRUCTURE NOTATIONS CHECKED	



MODEL: \$MODELNAME\$  
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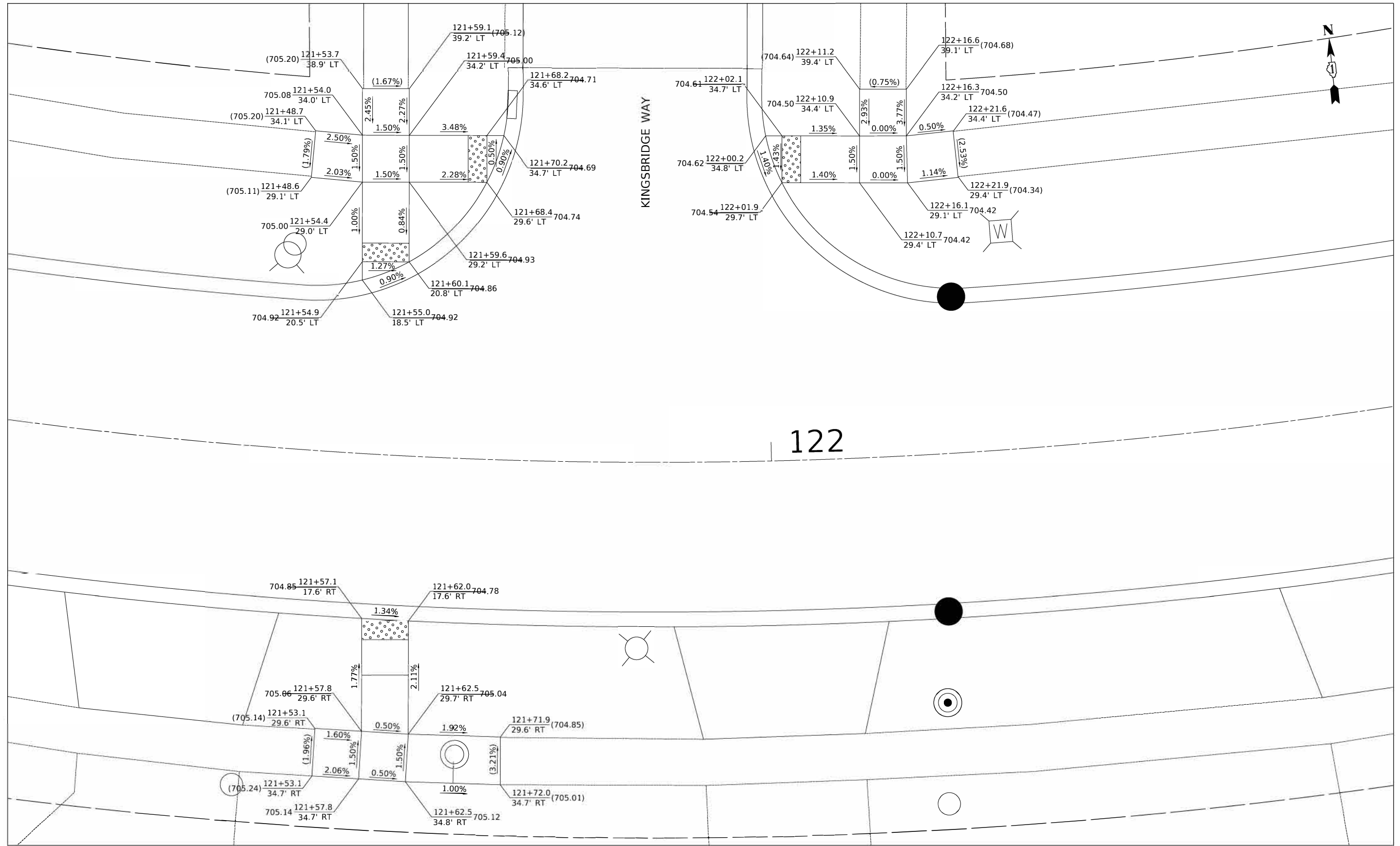


ADA GRADING  
SHEET 8 OF 37 SHEETS

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-02-R5	LAKE	122	77
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

PLAN	SUBMITTED	DATE
	PLOTTED	
NOTE BOOK NO.	ALIGNED CHECKED	
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PROFILE	SUBMITTED	DATE
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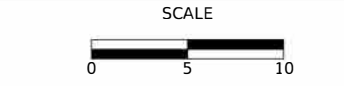
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DATE - 7/27/2020	REVISED -

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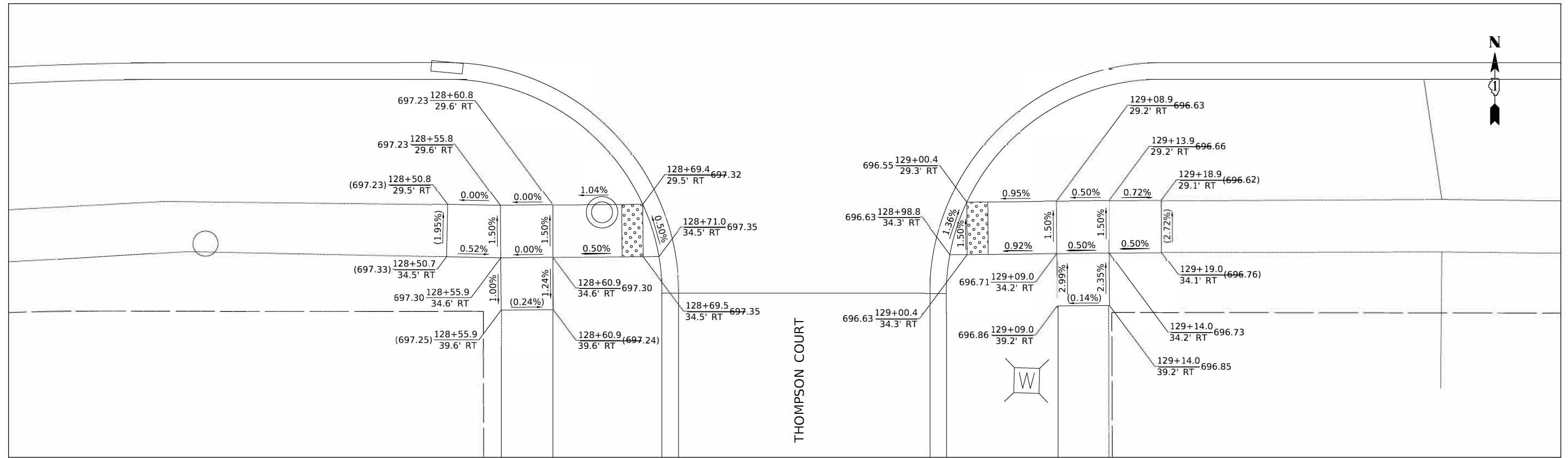
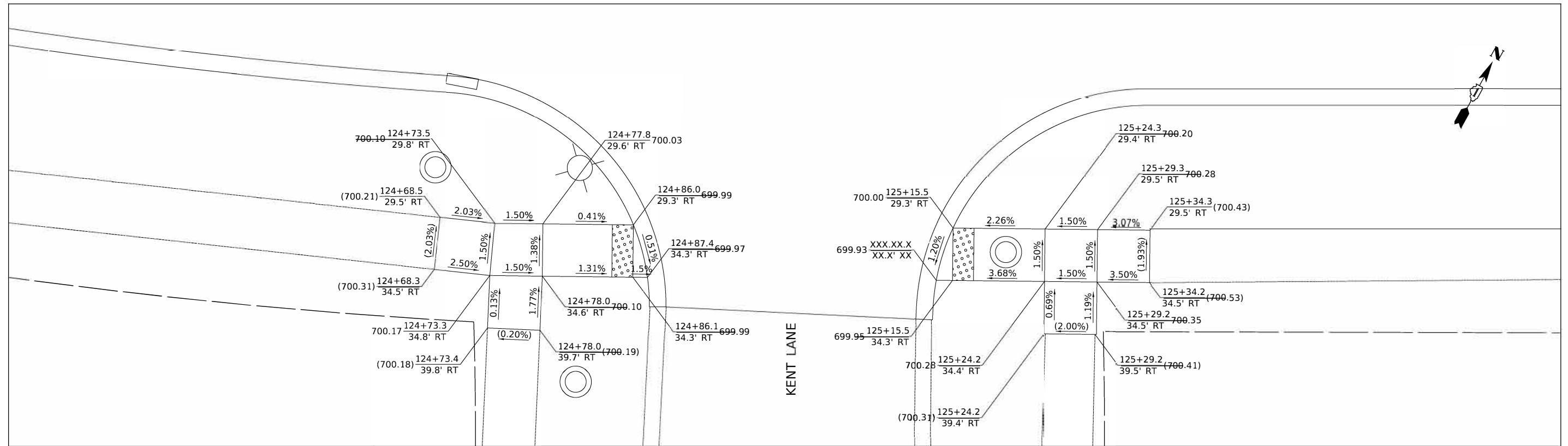


ADA GRADING  
SHEET 9 OF 14 SHEETS

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4756 4801	16-00106-02-R5	LAKE	122	78
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
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PROFILE	SURVEYED	DATE
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	STRUCTURE	
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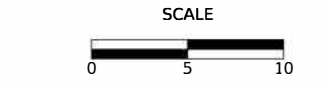
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CHECKED	-	KRK	REVISED	-
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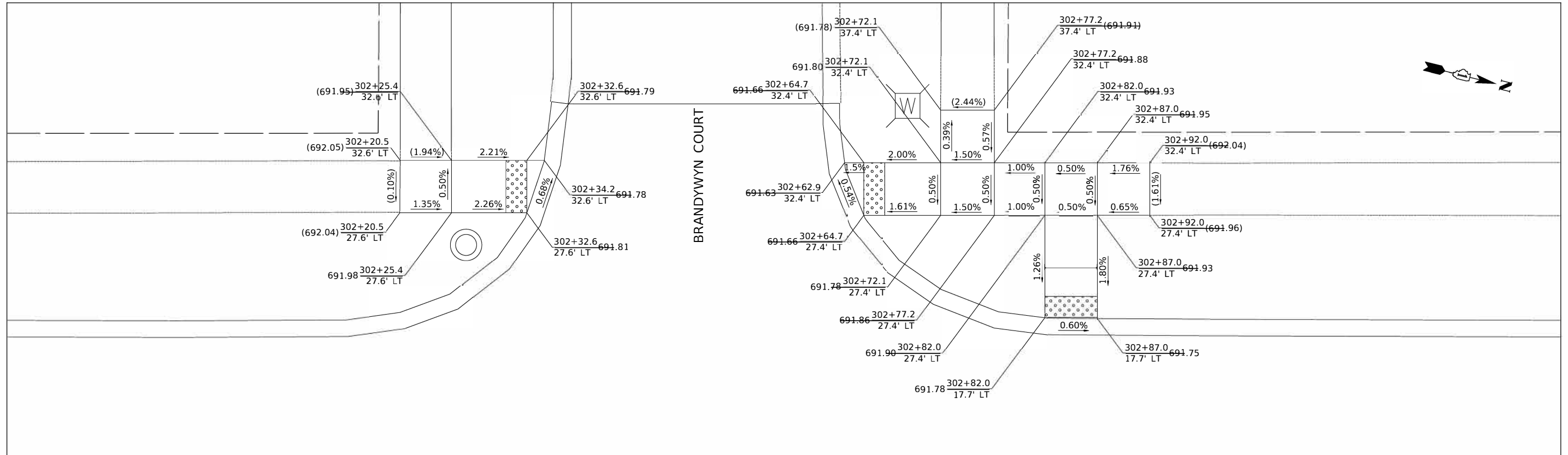
SHEET 10 OF 14 SHEETS

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
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CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

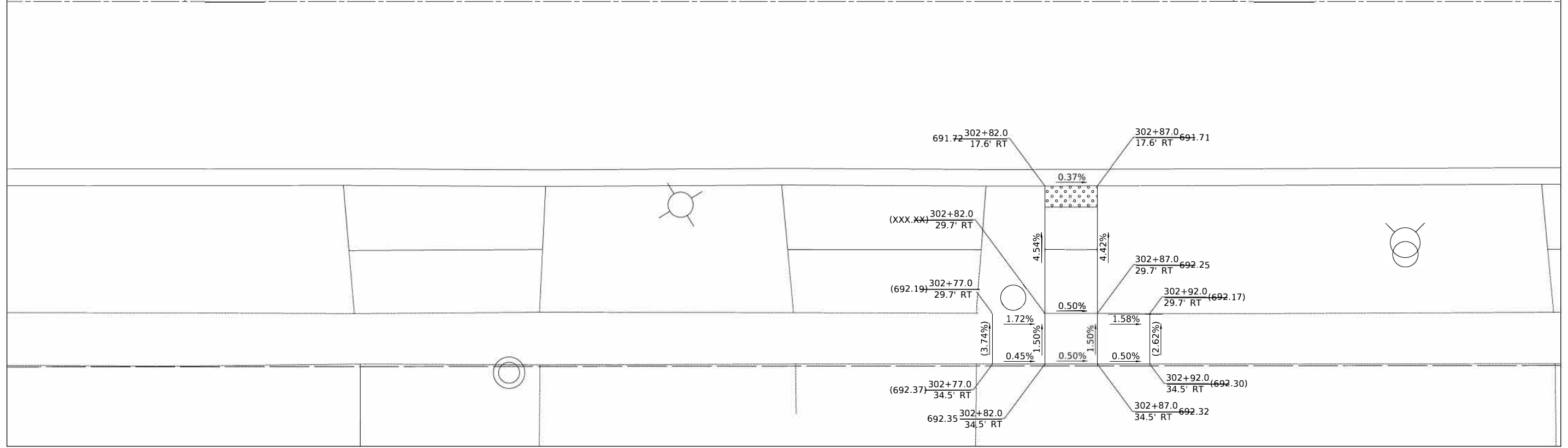
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NO.	PLOTTED	
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PROFILE	SUBMITTED	DATE
NO.	GRAPHS CHECKED	
	STRUCTURE NOTATIONS CHECKED	

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DATE - 7/27/2020	REVISED -

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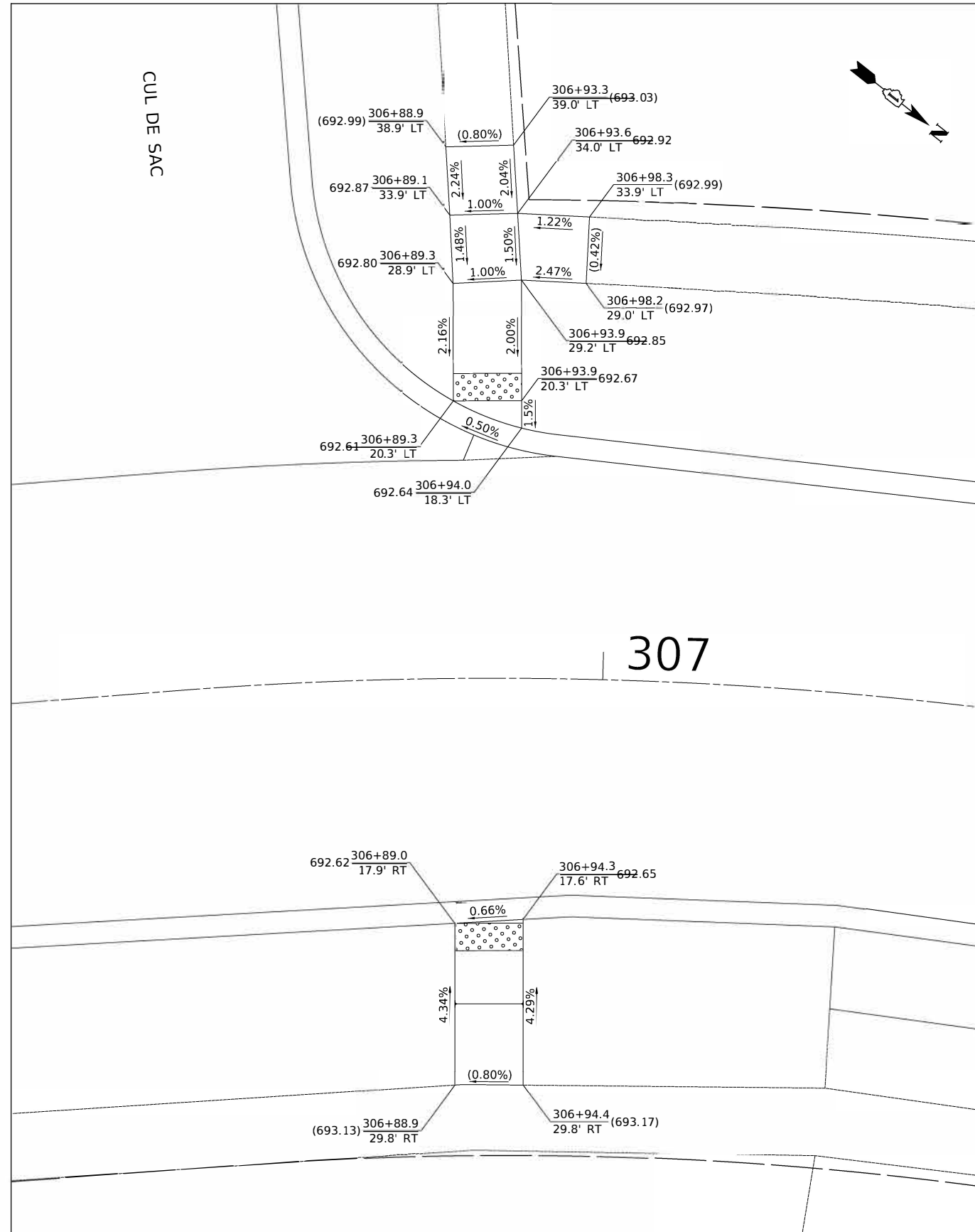
MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-02-R5	LAKE	122	80
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

SHEET 11 OF 14 SHEETS



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

PROFILE	SUBMITTED	BY	DATE
	GRAPHS CHECKED STRUCTURE NOTATIONS CHECKED		
NOTE BOOK NO.			



MODEL: \$MODELNAME\$  
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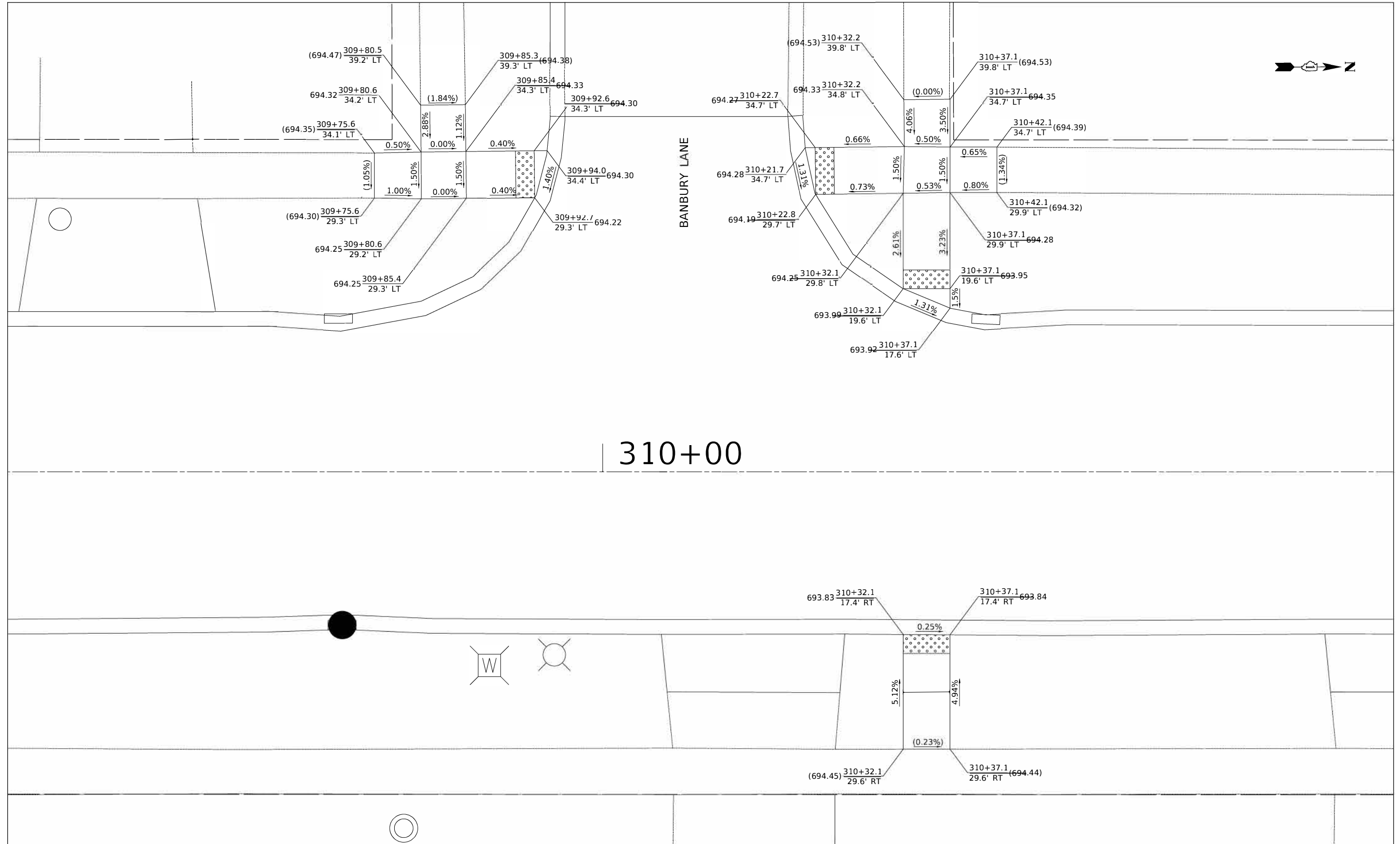
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SHEET 12 OF 14 SHEETS

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-02-R5	LAKE	122	81
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

PLAN	SUBMITTED	DATE
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NOTE BOOK NO.	NOTED	
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DATE -	7/27/2020	REVISED -	

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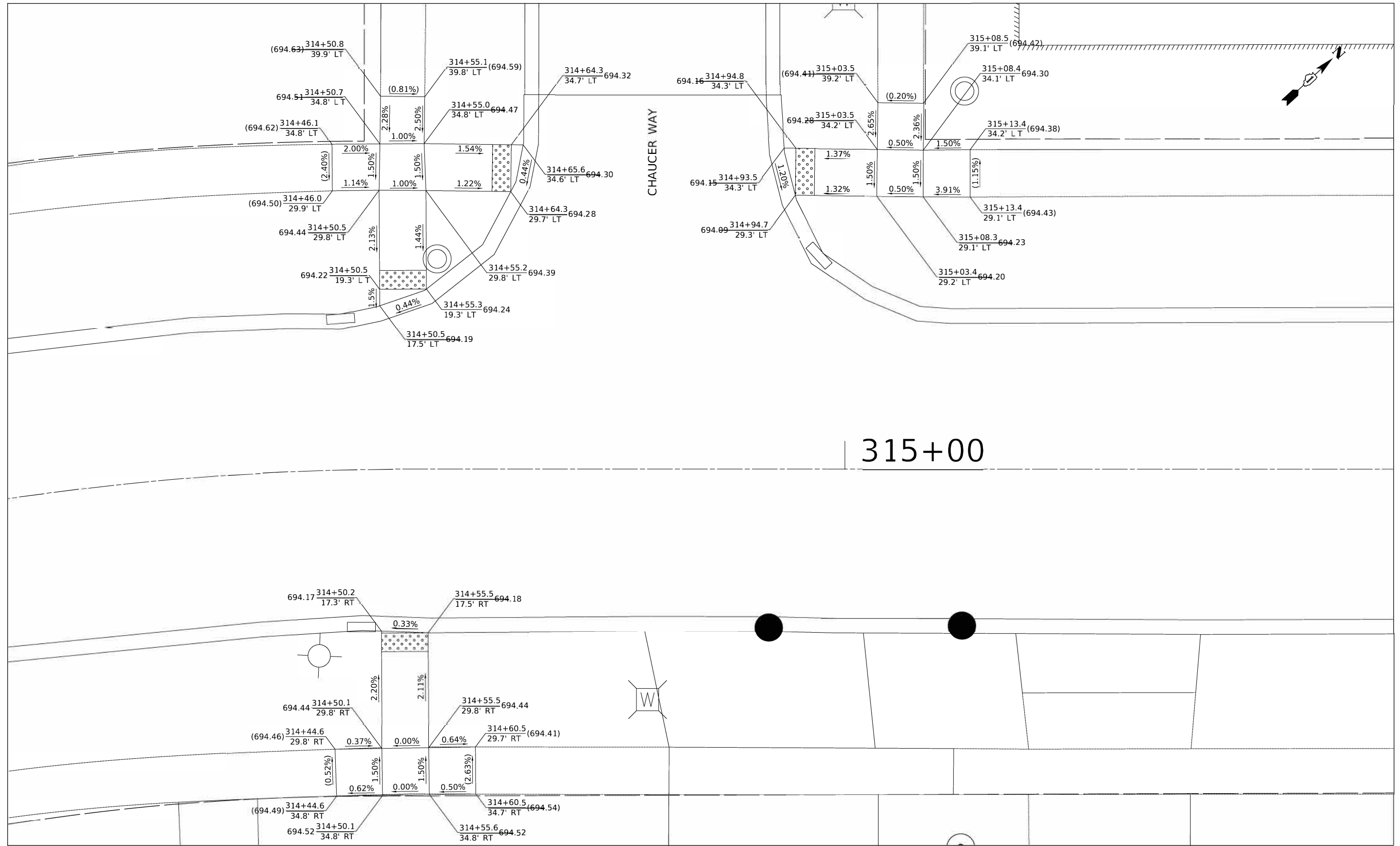


ADA GRADING  
SHEET 13 OF 14 SHEETS

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-02-R5	LAKE	122	82
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

PLAN	SUBMITTED	DATE
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NOTE BOOK	NO.	
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PROFILE	SUBMITTED	DATE
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NOTE BOOK	NO.	
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STRUCTURE NOTATIONS CHECKED	NO.	
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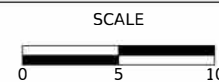
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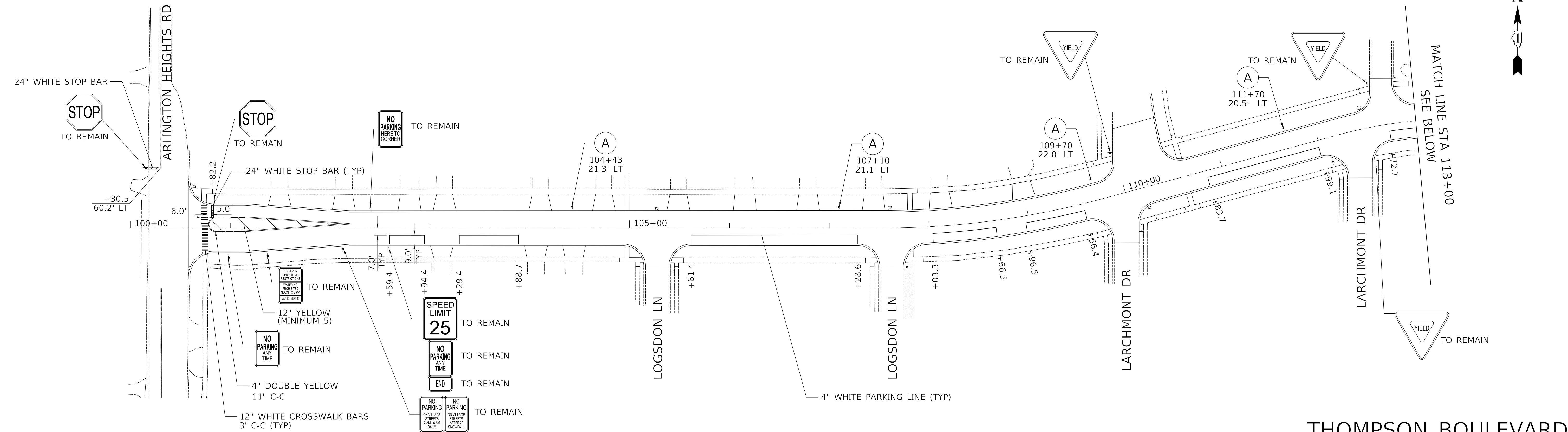
SHEET 14 OF 14 SHEETS

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
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CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

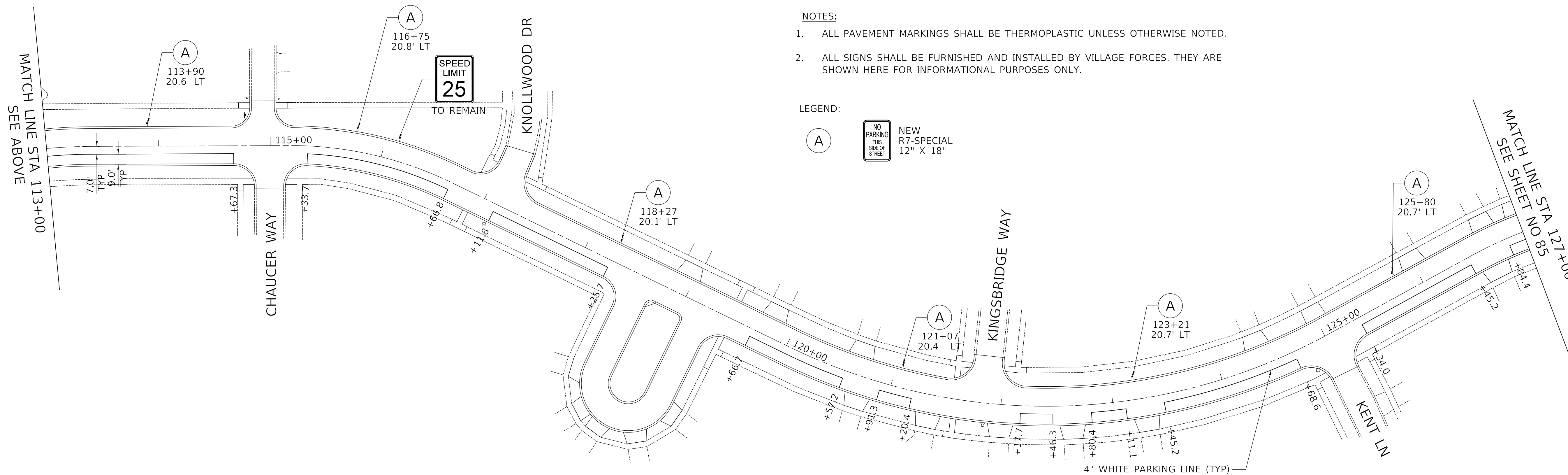
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	PLOTTED	BY
	ALIGNMENT CHECKED	
	NOTE BOOK	
	NO. _____	
	CADD FILE NAME	
	NO. _____	

PROFILE	SURVEYED	DATE
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	GRADES CHECKED	
	NOTE BOOK	
	NO. _____	
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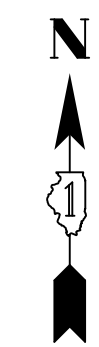
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THOMPSON BOULEVARD



NOTES:

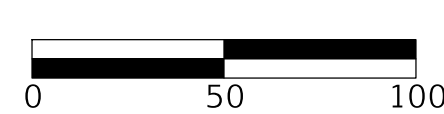
1. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
2. ALL SIGNS SHALL BE FURNISHED AND INSTALLED BY VILLAGE FORCES. THEY ARE SHOWN HERE FOR INFORMATIONAL PURPOSES ONLY.

LEGEND:



STATE OF ILLINOIS  
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SCALE



PAVEMENT MARKING AND SIGNING PLAN

SHEET 1 OF 3 SHEETS STA 100+57 TO STA 127+00

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-R5	LAKE	122	84
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				



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CHECKED -	KRK	REVISED -	
DATE -	11/3/2021	REVISED -	

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
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PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
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	NO.	

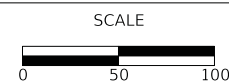
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FILE NAME: ...13-PMK3323\_C3\_PMK\_01.dgn



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DESIGNED	-	TGB	REVISED	-
DRAWN	-	JRR	REVISED	-
CHECKED	-	KRK	REVISED	-
DATE	-	11/3/2021	REVISED	-

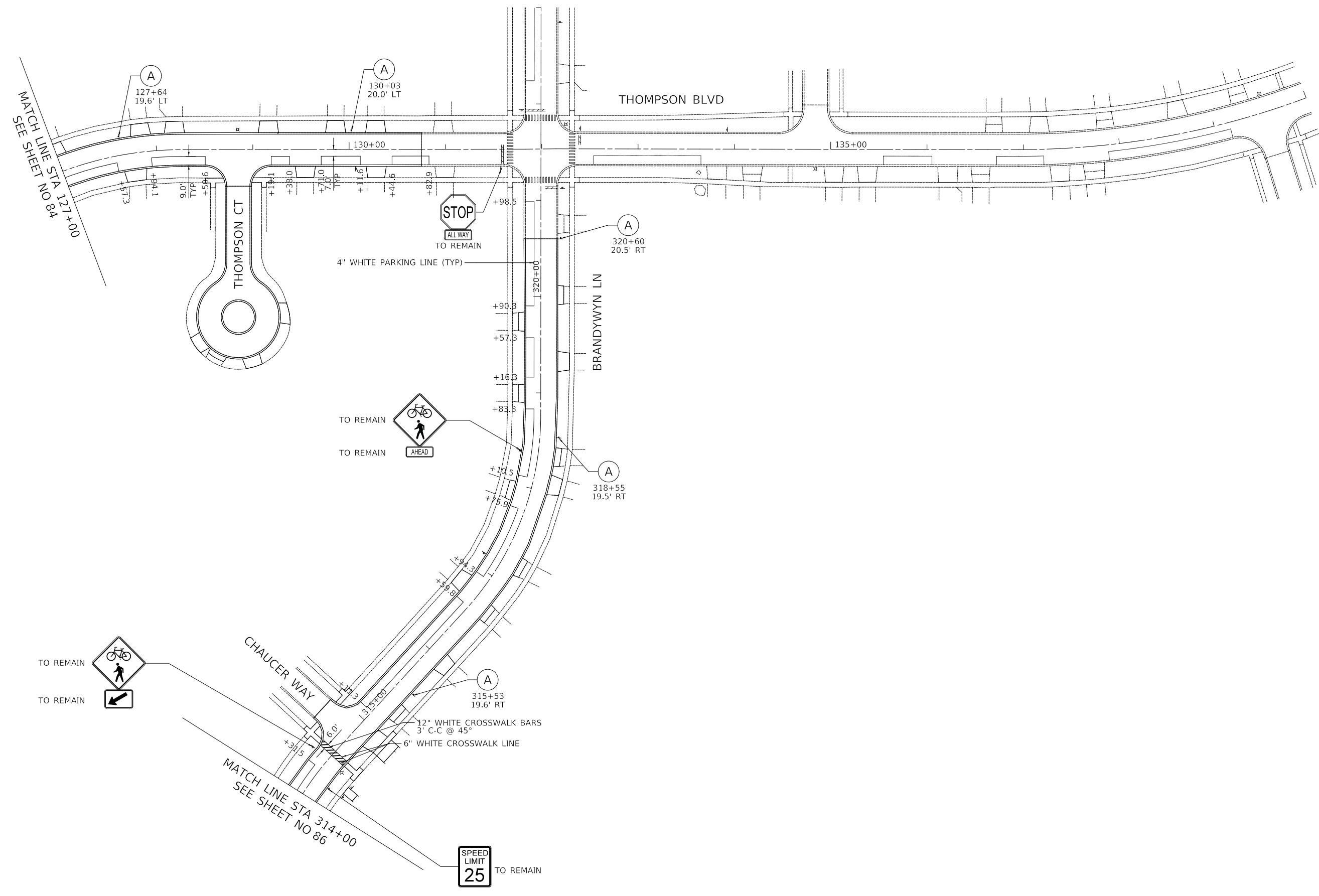
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



PAVEMENT MARKING AND SIGNING PLAN

SHEET 2 OF 3 SHEETS STA TO STA

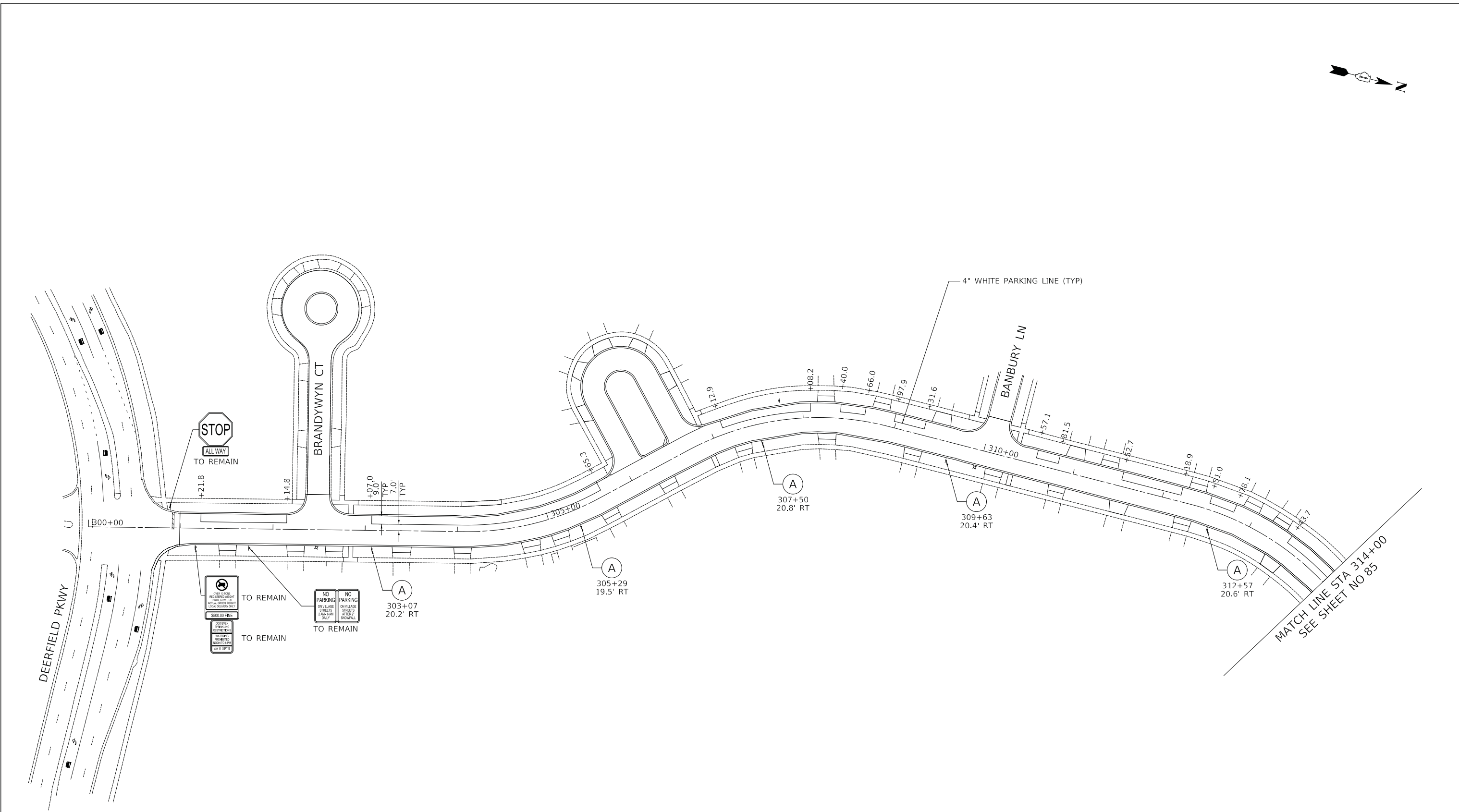
MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-R5	LAKE	122	85
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				



PLAN	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK	ALIGNED	
	CHECKED	
	NO. _____	

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

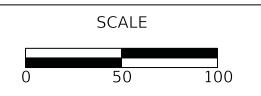
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FILE NAME: ...13-PMK3323\_C3\_PMK\_01.dgn



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DESIGNED -	TGB	REVISED -	
DRAWN -	JRR	REVISED -	
CHECKED -	KRK	REVISED -	
DATE -	11/3/2021	REVISED -	

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**



<b>PAVEMENT MARKING AND SIGNING PLAN</b>	
SHEET 3 OF 3 SHEETS	STA 127+00 TO STA 130+75

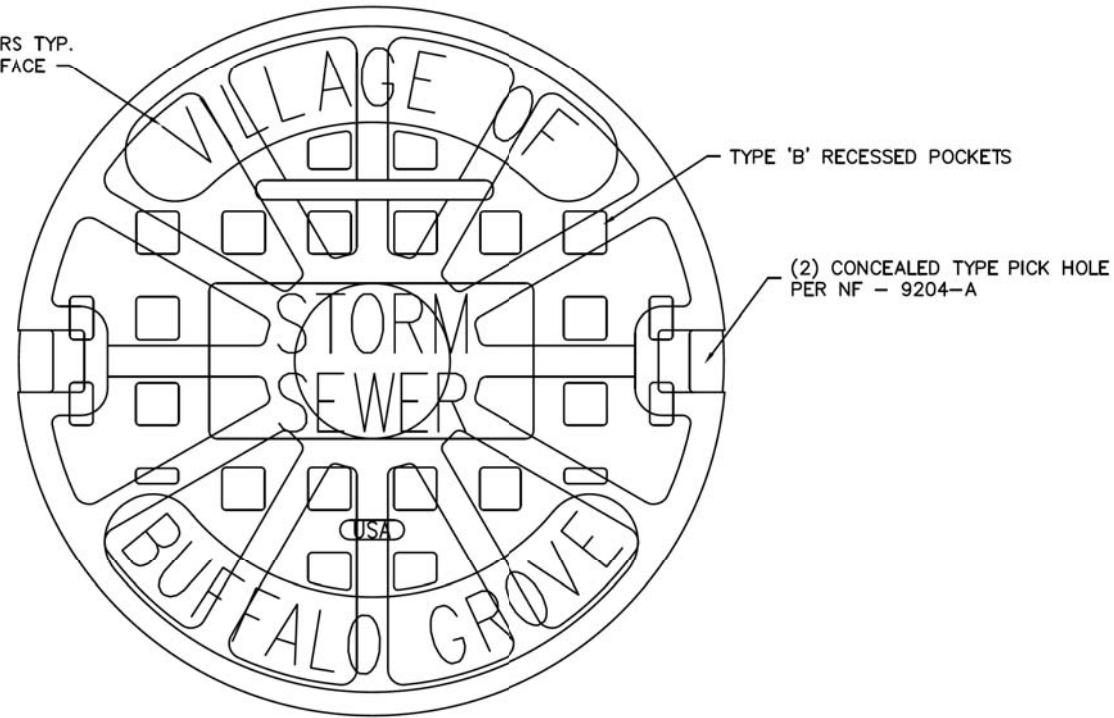
MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-R5	LAKE	122	86
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

**BRANDYWYN LANE**

MATCH LINE STA 314+00  
SEE SHEET NO 85

# EXHIBIT NO. 201

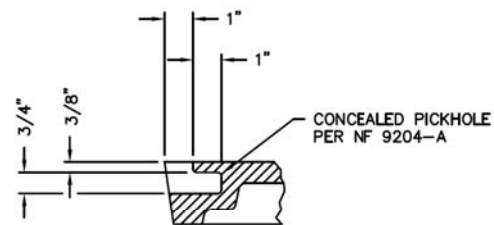
1" RAISED LETTERS TYP.  
FLUSH WITH SURFACE



TYPE 'B' RECESSED POCKETS

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

### CONCEALED PICKHOLE DETAIL

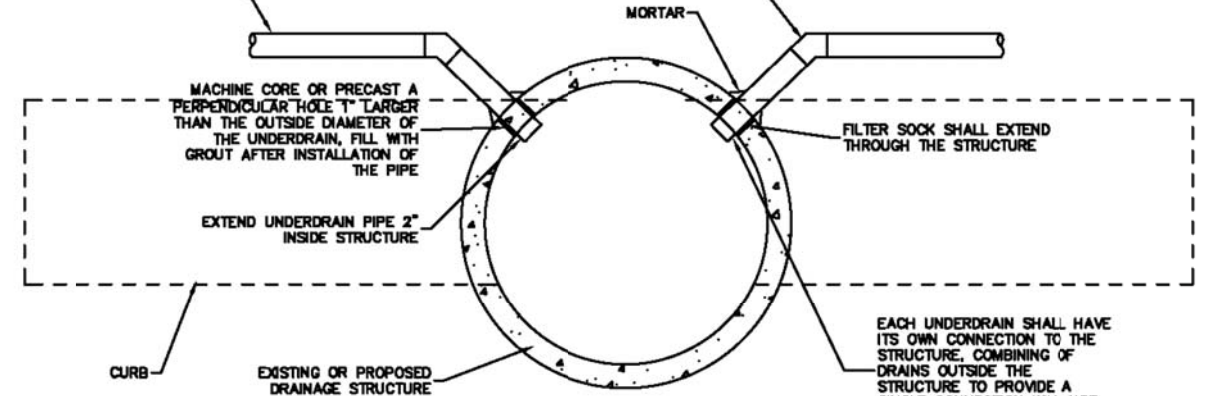


## STORM SEWER MANHOLE LID DETAIL

Prepared by the Village Engineering Division

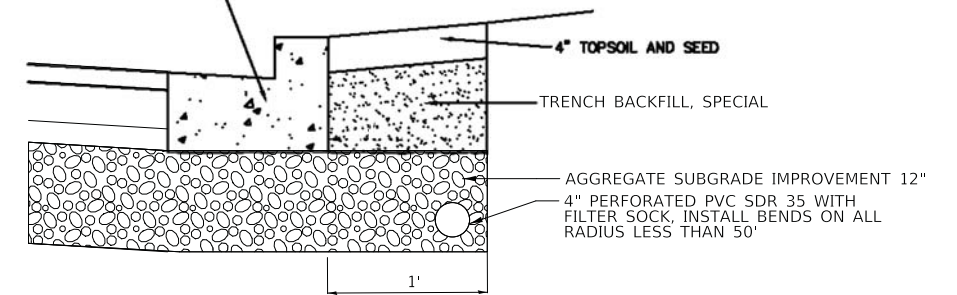
4" UNDERDRAIN WITH FILTER SOCK  
FOR A LENGTH OF 50' OR 10' IN  
OPPOSITE DIRECTIONS IN  
STRUCTURES UNDER PAVEMENT  
FROM EACH CURB LINE STRUCTURE

45° BEND, 90° BENDS WILL NOT BE ALLOWED

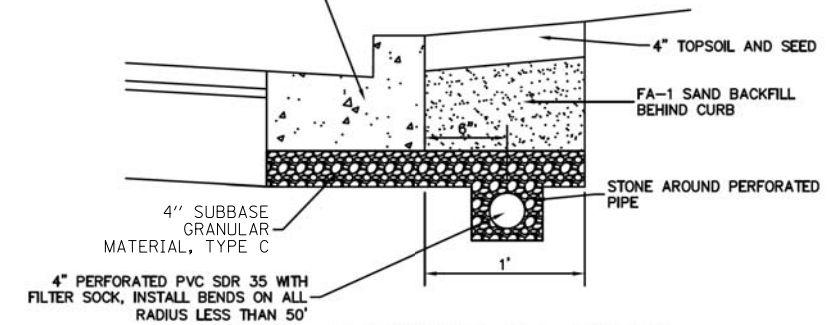


### UNDERDRAIN STRUCTURE CONNECTION DETAIL

SEE CURB AND  
GUTTER DETAIL FOR  
CURB INFORMATION



SEE CURB AND  
GUTTER DETAIL FOR  
CURB INFORMATION



### CURB UNDERDRAIN DETAIL

## SUBSURFACE DRAINAGE DETAIL

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	NO. _____	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	NO. _____	

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FILE NAME: ...135-detailed3323\_C3\_Details.dgn



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DRAWN	-	REVISED	-
CHECKED	-	REVISED	-
DATE	- 11/3/2021	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

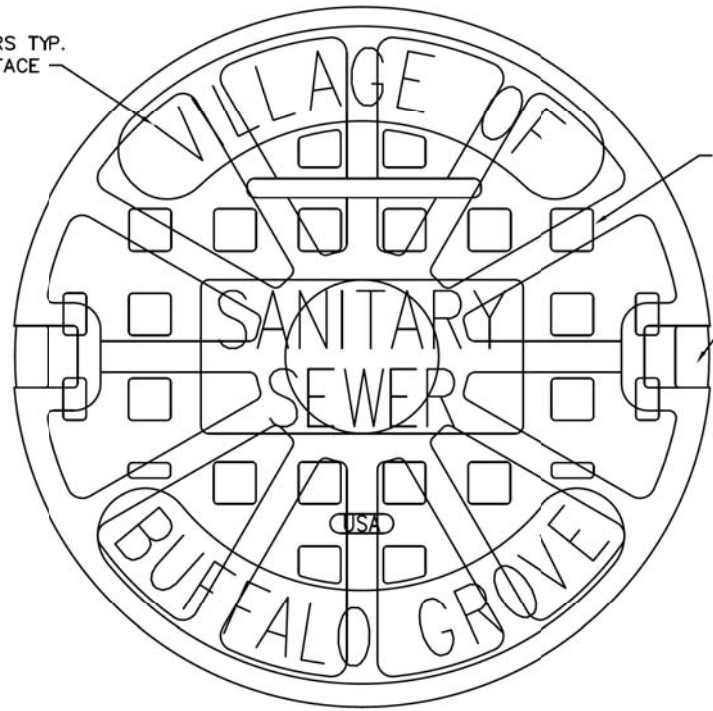
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SHEET 1 OF 5 SHEETS

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
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CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

# EXHIBIT NO. 301

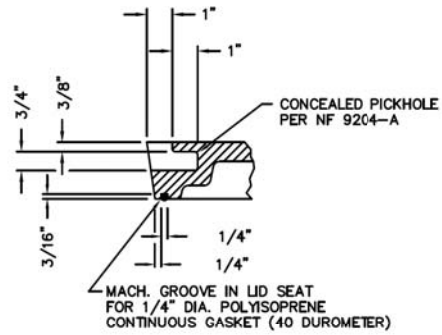
1" RAISED LETTERS TYP.  
FLUSH WITH SURFACE



TYPE 'B' RECESSED POCKETS

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

### CONCEALED PICKHOLE DETAIL

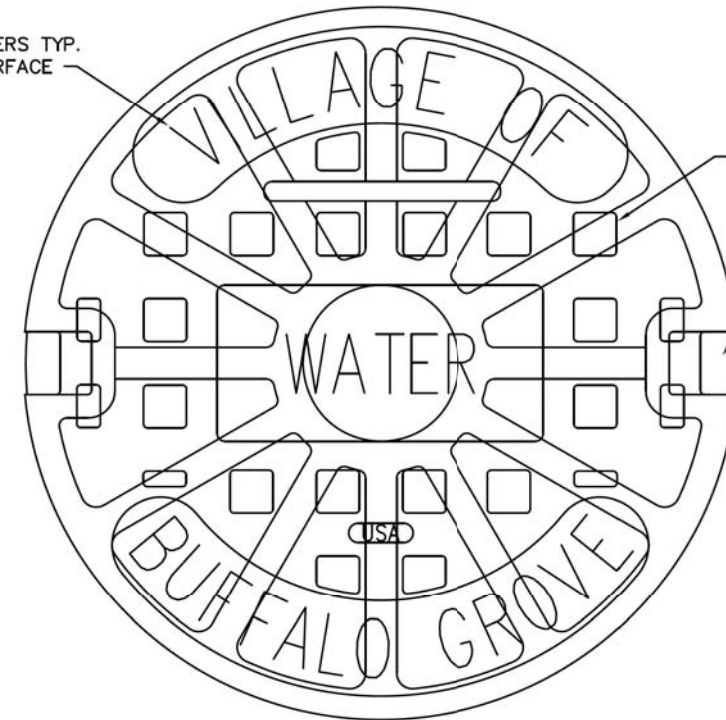


## SANITARY SEWER MANHOLE LID DETAIL

Prepared by the Village Engineering Division

# EXHIBIT NO. 401

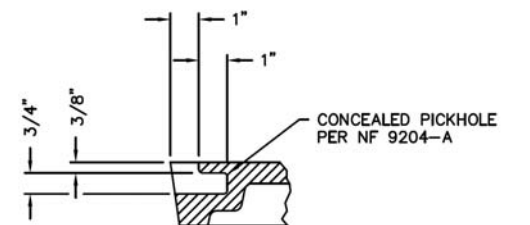
1" RAISED LETTERS TYP.  
FLUSH WITH SURFACE



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

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

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

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FILE NAME: ...135-Detail3323\_C3\_Detail.dgn



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DRAWN -	REVISED -
CHECKED -	REVISED -
DATE - 11/3/2021	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

### CONSTRUCTION DETAILS

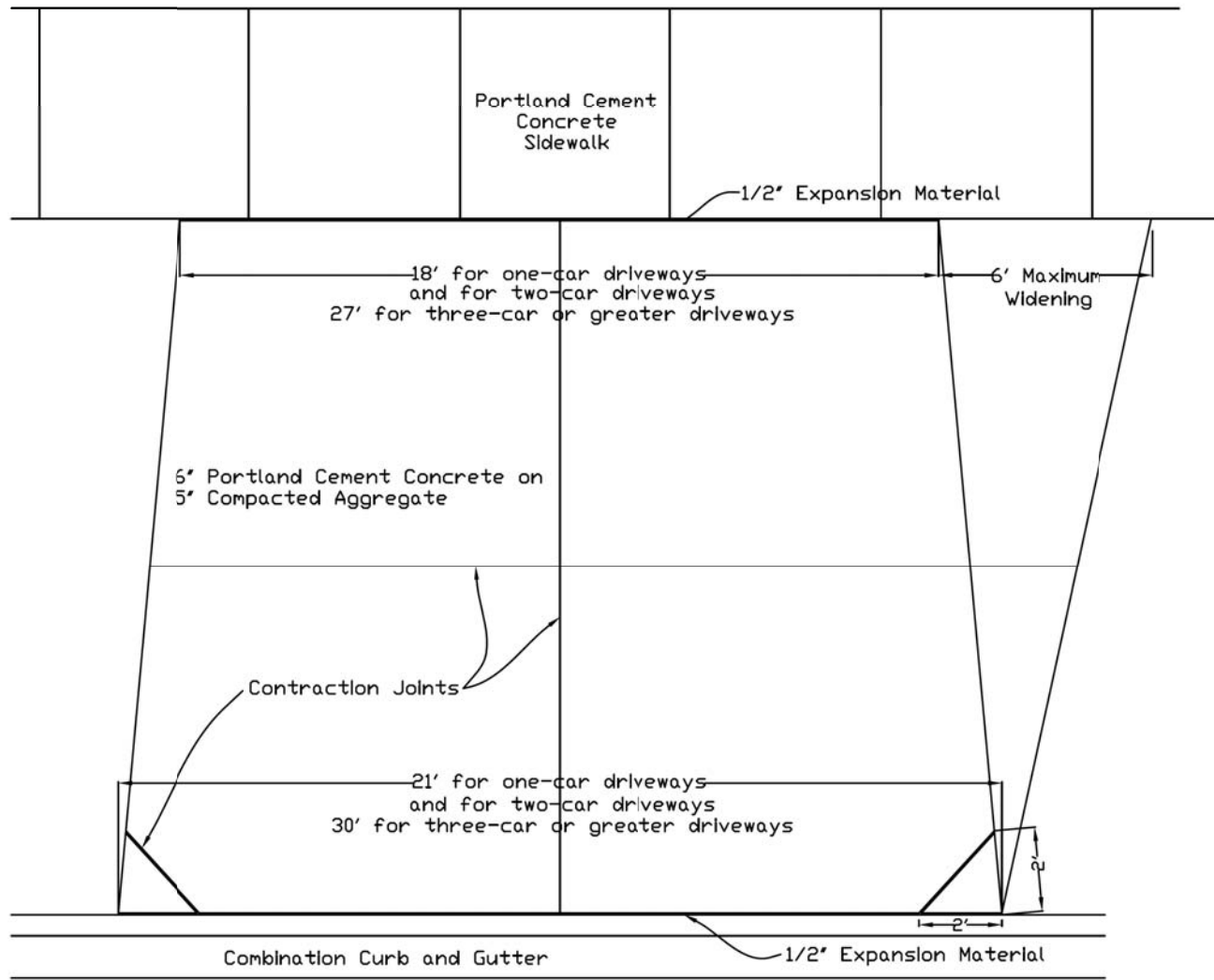
SHEET 2 OF 5 SHEETS

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-R5	LAKE	122	88
CONTRACT NO 61H45				
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

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	NO.	

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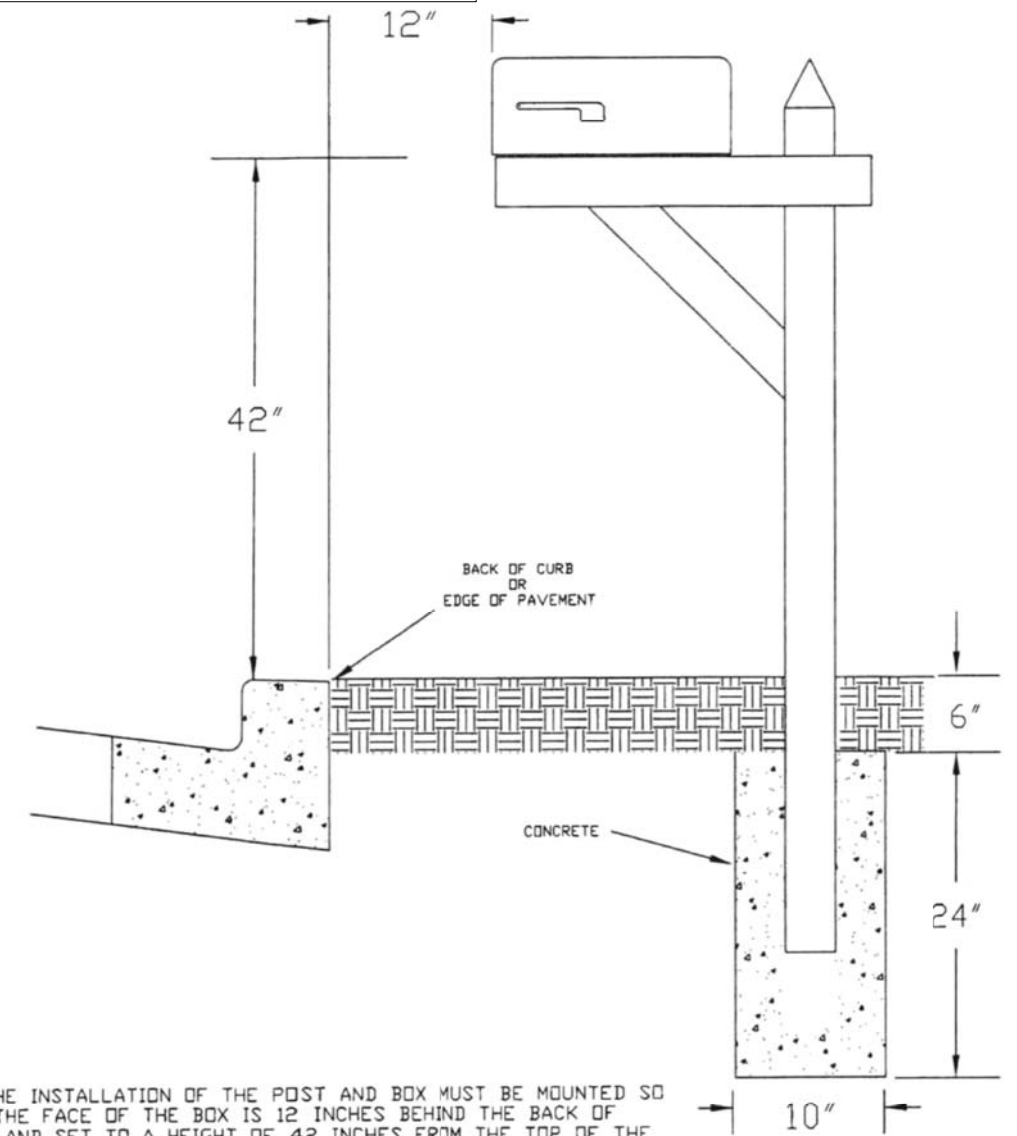


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DESIGNED	-	REVISED	-
DRAWN	-	REVISED	-
CHECKED	-	REVISED	-
DATE	- 11/3/2021	REVISED	-

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

### 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**

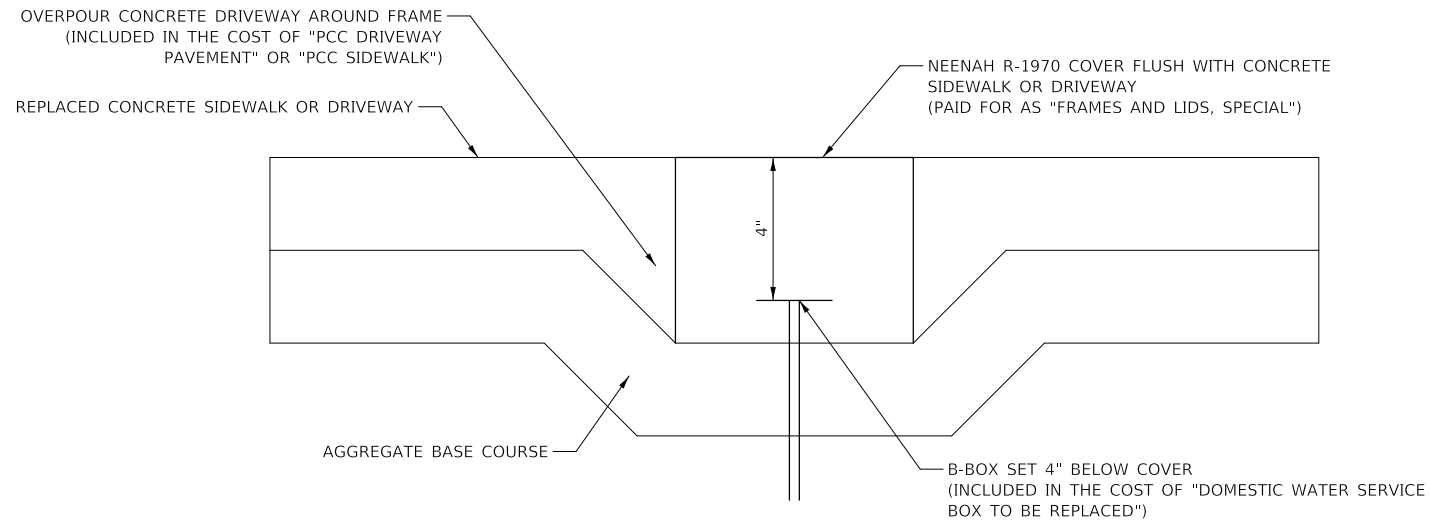
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### CONSTRUCTION DETAILS

SHEET 4 OF 5 SHEETS

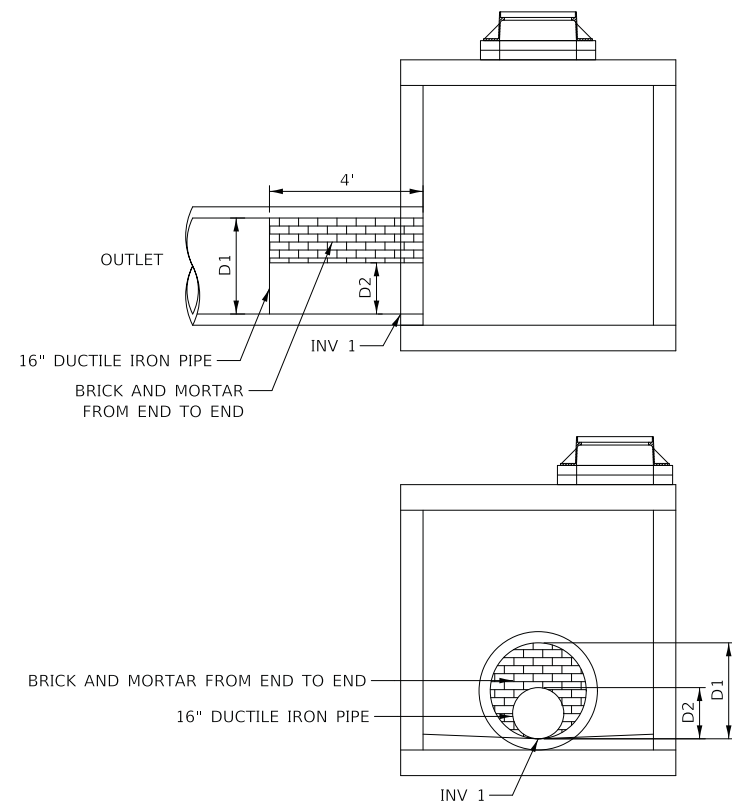
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4756	16-00106-03-R5	LAKE	122	90
4801			CONTRACT NO 61H45	
		ILLINOIS	FED AID PROJECT	

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



**DOMESTIC WATER SERVICE BOX TO BE REPLACED IN PAVEMENT**

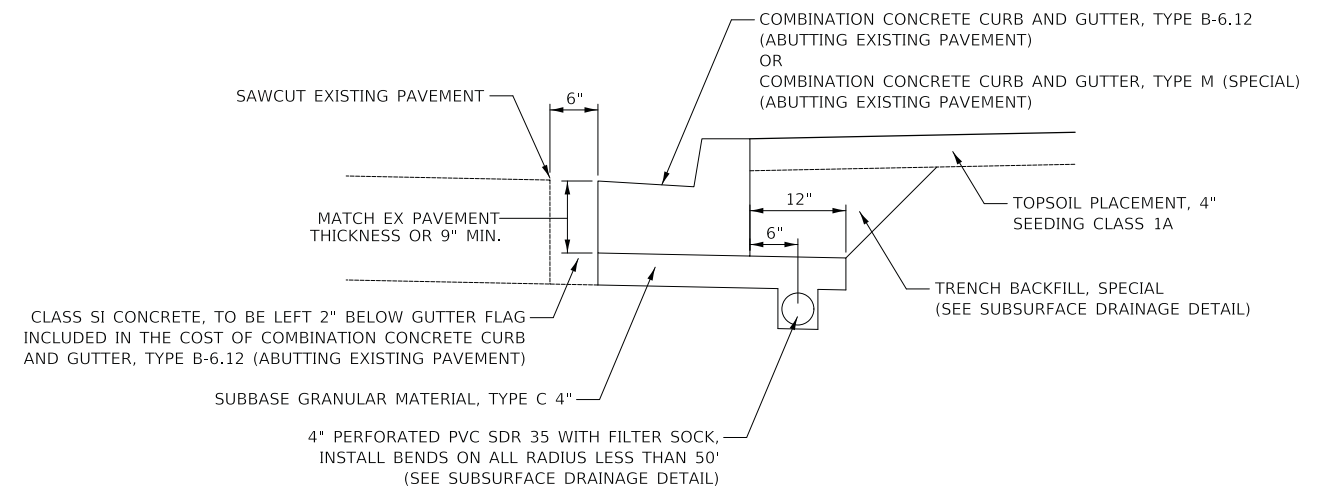
DATE	
BY	
PROFILE	
NO.	
NOTE BOOK	
NO.	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATION CURVED	



**NOTES:**

1. BRICK AND MORTAR AND 16" DUCTILE IRON PIPE INCLUDED IN THE COST OF "DRAINAGE RESTRICTOR."
2. DIMENSIONS:  
RIM = 694.73  
D1 = 30"  
D2 = 16"  
INV 1 = 686.86

**DRAINAGE RESTRICTOR DETAIL**



**COMBINATION CONCRETE CURB AND GUTTER (ABUTTING EXISTING PAVEMENT)**

MODEL: SH06LNAME5  
FILE NAME: ...115-Detail1323\_C3\_Detail.dgn

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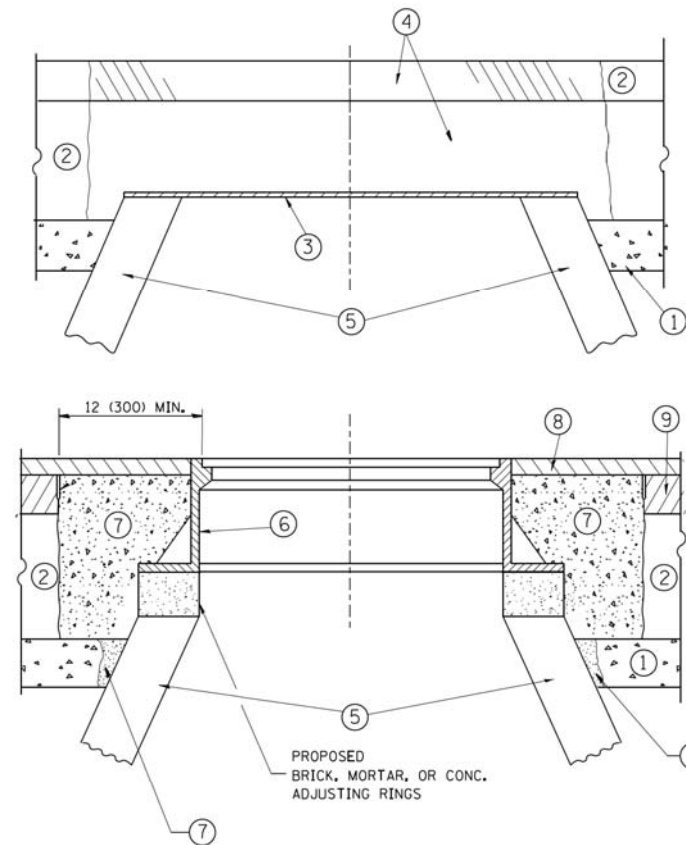
DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE - 11/3/2021	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS**

SHEET 5 OF 5 SHEETS

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-R5	LAKE	122	91
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				



**NOTES:**

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

**CONSTRUCTION PROCEDURES**

**STAGE 1 (BEFORE PAVEMENT MILLING)**

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

**STAGE 2 (AFTER PAVEMENT MILLING)**

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1\* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

\* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

**LEGEND**

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 36 (900) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS PP-1\* CONCRETE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

**LOCATION OF STRUCTURES:**

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

**BASIS OF PAYMENT:**

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

**DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING**

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

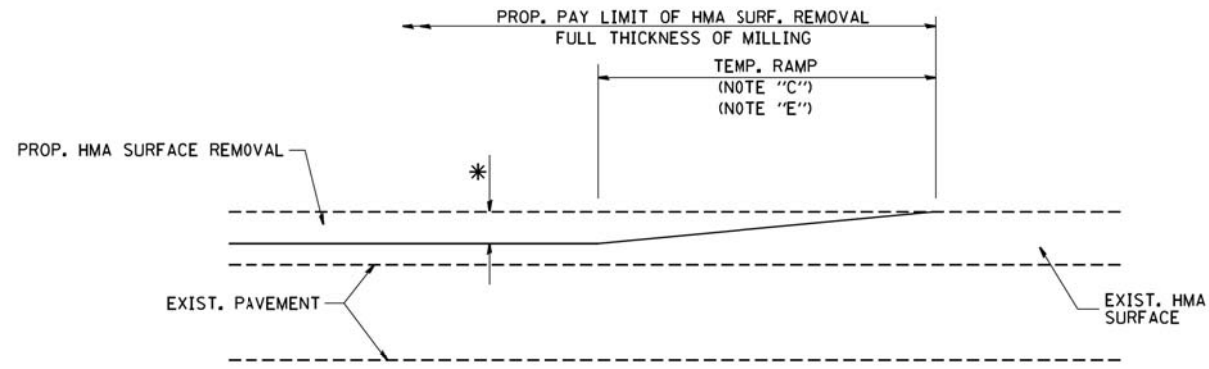
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	PLOT DATE = 12/6/2011	DATE - 10-25-94	REVISED - R. BORO 12-06-11

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR  
FRAMES AND LIDS ADJUSTMENT WITH MILLING**

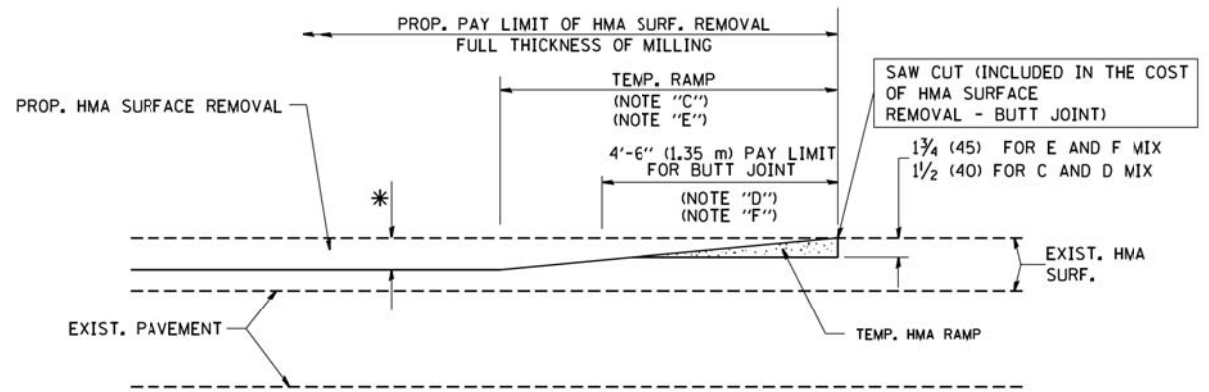
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3260	16-00106-02-RS	LAKE	122	92
2060	<b>BD600-03 (BD-8)</b>	CONTRACT NO. 61H45		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



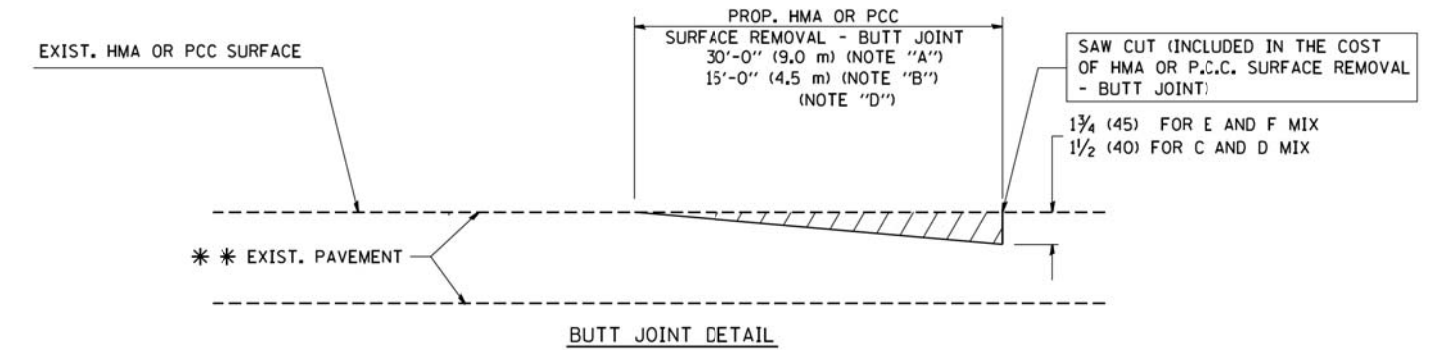
MILLED TEMPORARY RAMP  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

**OPTION 1**

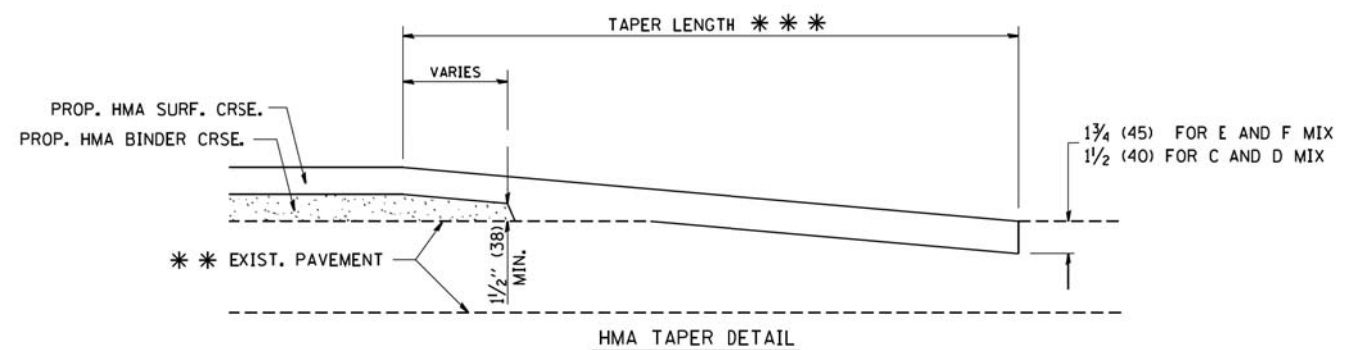


HMA CONSTRUCTED TEMPORARY RAMP  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

**OPTION 2**  
**TYPICAL TEMPORARY RAMP**



BUTT JOINT DETAIL



HMA TAPER DETAIL

**TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY**

\*\*\* PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

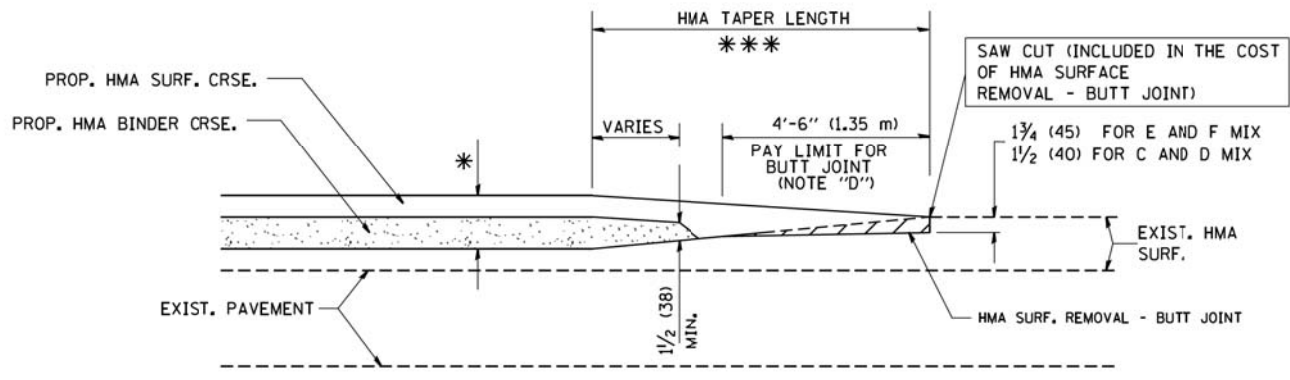
**NOTES**

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
  - B: MINOR SIDE ROADS.
  - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
  - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
  - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
  - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
  - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- \* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- \*\*\* 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")  
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

**BASIS OF PAYMENT:**

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

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



BUTT JOINT AND HMA TAPER

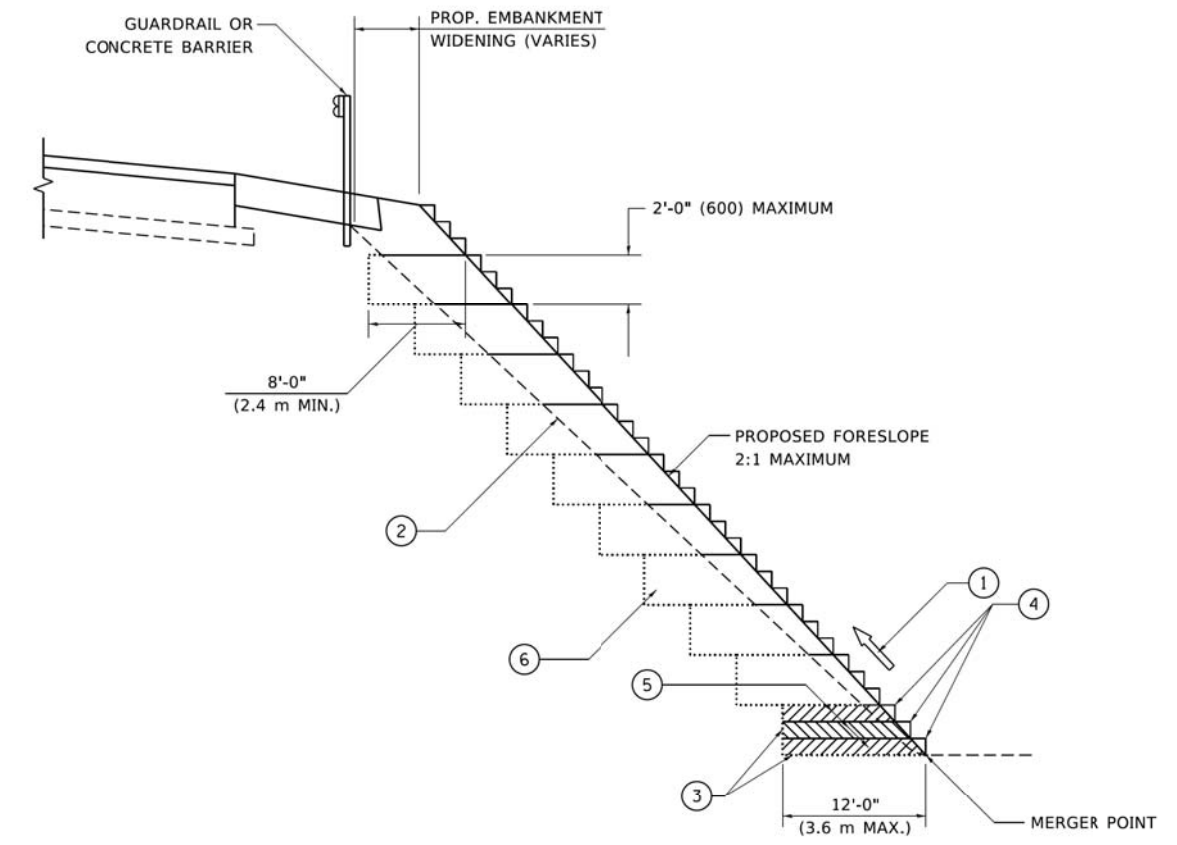
**TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING**

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		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>BUTT JOINT AND HMA TAPER DETAILS</b>	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A. RTE. 3260 / 2060	SECTION 16-00106-02-RS	COUNTY LAKE	TOTAL SHEETS 122	SHEET NO. 93
BD400-05 BD32		CONTRACT NO. 61H45		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**TYPICAL BENCHING DETAIL  
FOR EMBANKMENT**

**NOTES:**

- ① CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
- ② EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS.
- ③ BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
- ④ TRIM TO FINAL SLOPE.
- ⑤ EQUAL 8-INCH (200) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.
- ⑥ EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC METER OR CUBIC YARD FOR "EARTH EXCAVATION". THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL, NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ⑦ SLOPES SHALL BE BENCHED ACCORDING TO THIS DETAIL WHEN THE SLOPE IS STEEPER THAN 4:1 AND THE HEIGHT IS GREATER THAN 5' (1.5 m).

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

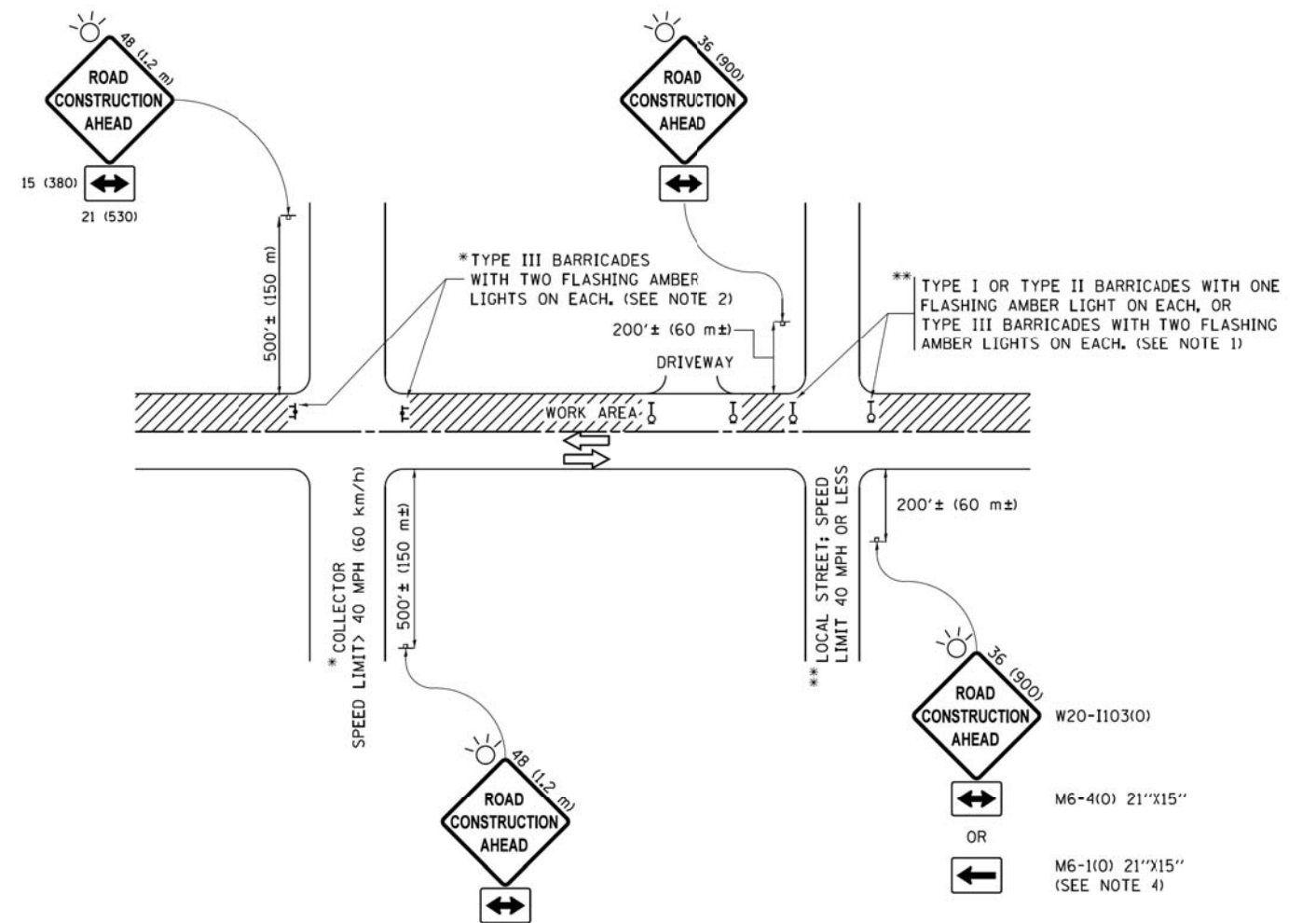
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PLOT DATE = 3/27/2019	DATE - 06-16-04	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>BENCHING DETAIL FOR EMBANKMENT WIDENING</b>			
SCALE: NONE	SHEET 1	OF 1	SHEETS
STA.		TO STA.	

F.A. RTE. 3260 2060	SECTION 16-00106-02-RS	COUNTY LAKE	TOTAL SHEETS 122	SHEET NO. 94
<b>BD-51</b>		CONTRACT NO. 61H45		
ILLINOIS FED. AID PROJECT				



**NOTES:**

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - 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.

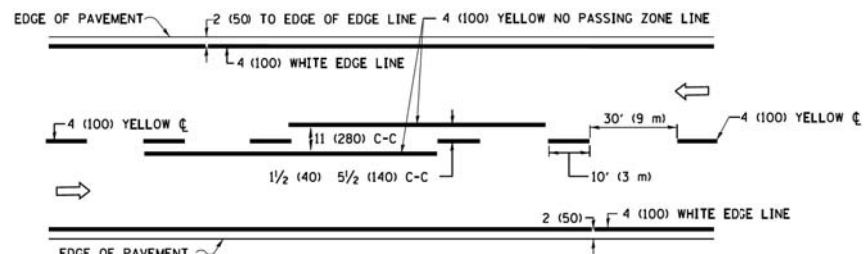
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pw\11084EBID\INTEG\illinois.gov\FWIDOT\Documents\DOT Offices\District 1\Projects\Dist 1\CA0Data\CA0sheets\1018.dgn		DRAWN	REVISED - T. RAMMACHER 01-06-00
Default	PLOT SCALE = 50.000' / 1" =	CHECKED -	REVISED - A. SCHUETZE 07-01-13
	PLOT DATE = 9/15/2016	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

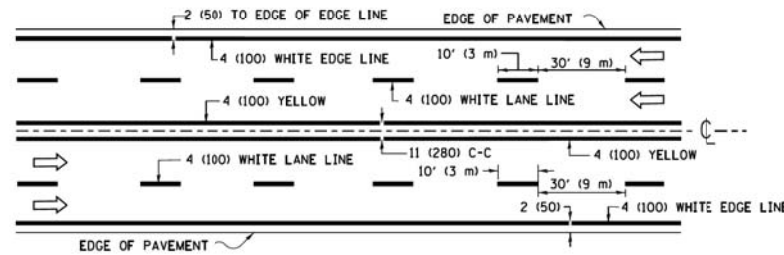
**TRAFFIC CONTROL AND PROTECTION FOR  
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

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

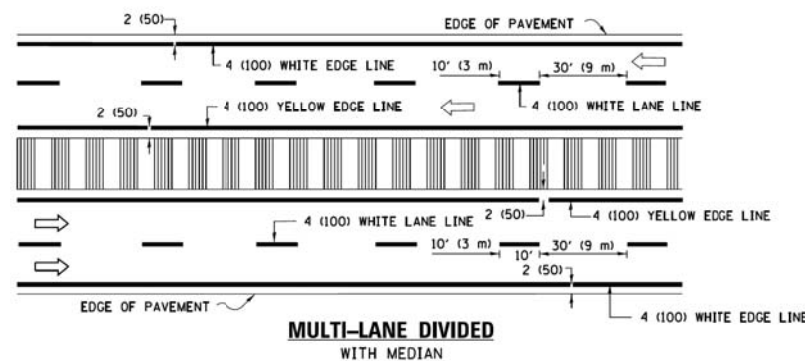
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3260 2060	16-00106-02-RS	LAKE	122	95
<b>TC-10</b>			<b>CONTRACT NO. 61H45</b>	
ILLINOIS FED. AID PROJECT				



**2-LANE ROADWAY**

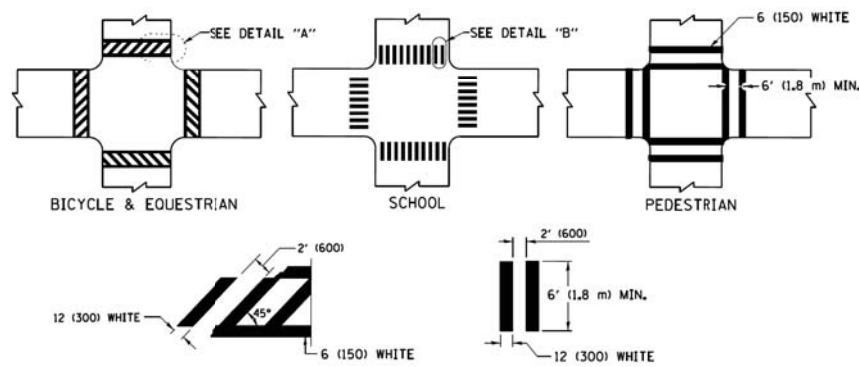


**MULTI-LANE UNDIVIDED**



**MULTI-LANE DIVIDED WITH MEDIAN**

**TYPICAL LANE AND EDGE LINE MARKING**

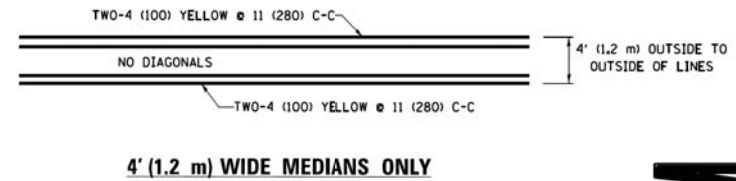


**DETAIL "A"**

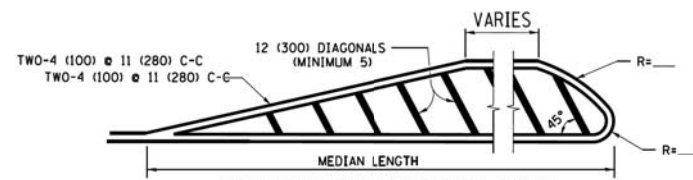
**DETAIL "B"**

**TYPICAL CROSSWALK MARKING**

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

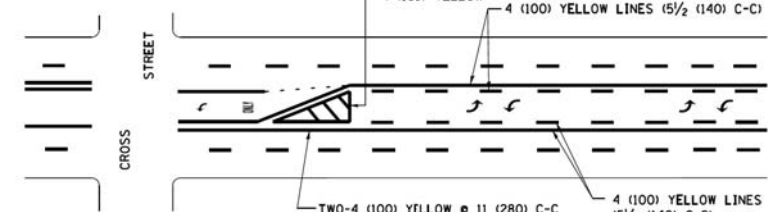


**4' (1.2 m) WIDE MEDIANS ONLY**



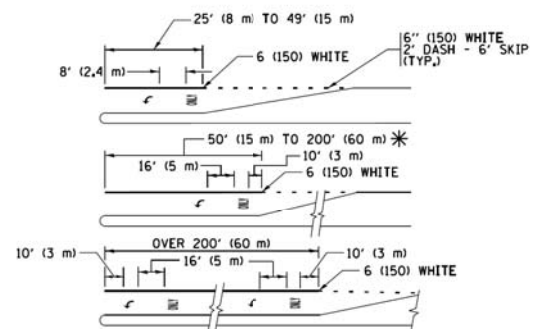
**MEDIANS OVER 4' (1.2 m) WIDE**

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))



**MEDIAN WITH TWO-WAY LEFT TURN LANE**

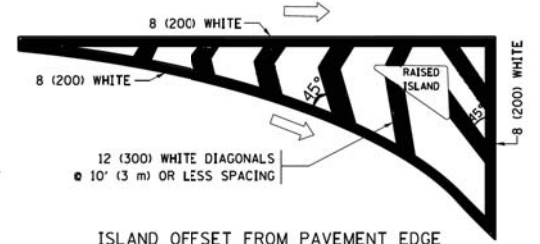
**TYPICAL PAINTED MEDIAN MARKING**



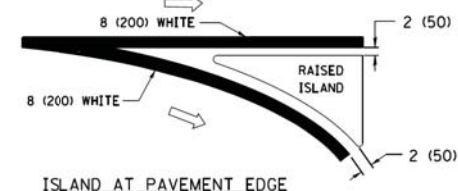
**TYPICAL LEFT (OR RIGHT) TURN LANE**

FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) (LY) AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)

**TYPICAL TURN LANE MARKING**

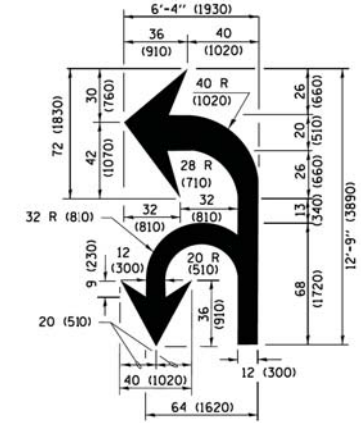


**ISLAND OFFSET FROM PAVEMENT EDGE**

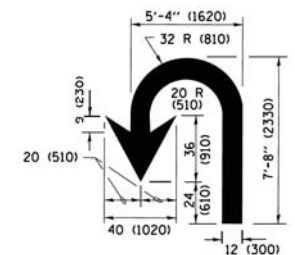


**ISLAND AT PAVEMENT EDGE**

**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 1/2 (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 1/2 (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) LETTERS; 16 (400) LINE FOR "X"
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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		DRAWN -	REVISED - C. JUCIUS 07-01-13
	PLOT SCALE = 58,000' / 1" =	CHECKED -	REVISED - C. JUCIUS 12-21-15
Default	PLOT DATE = 6/23/2017	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

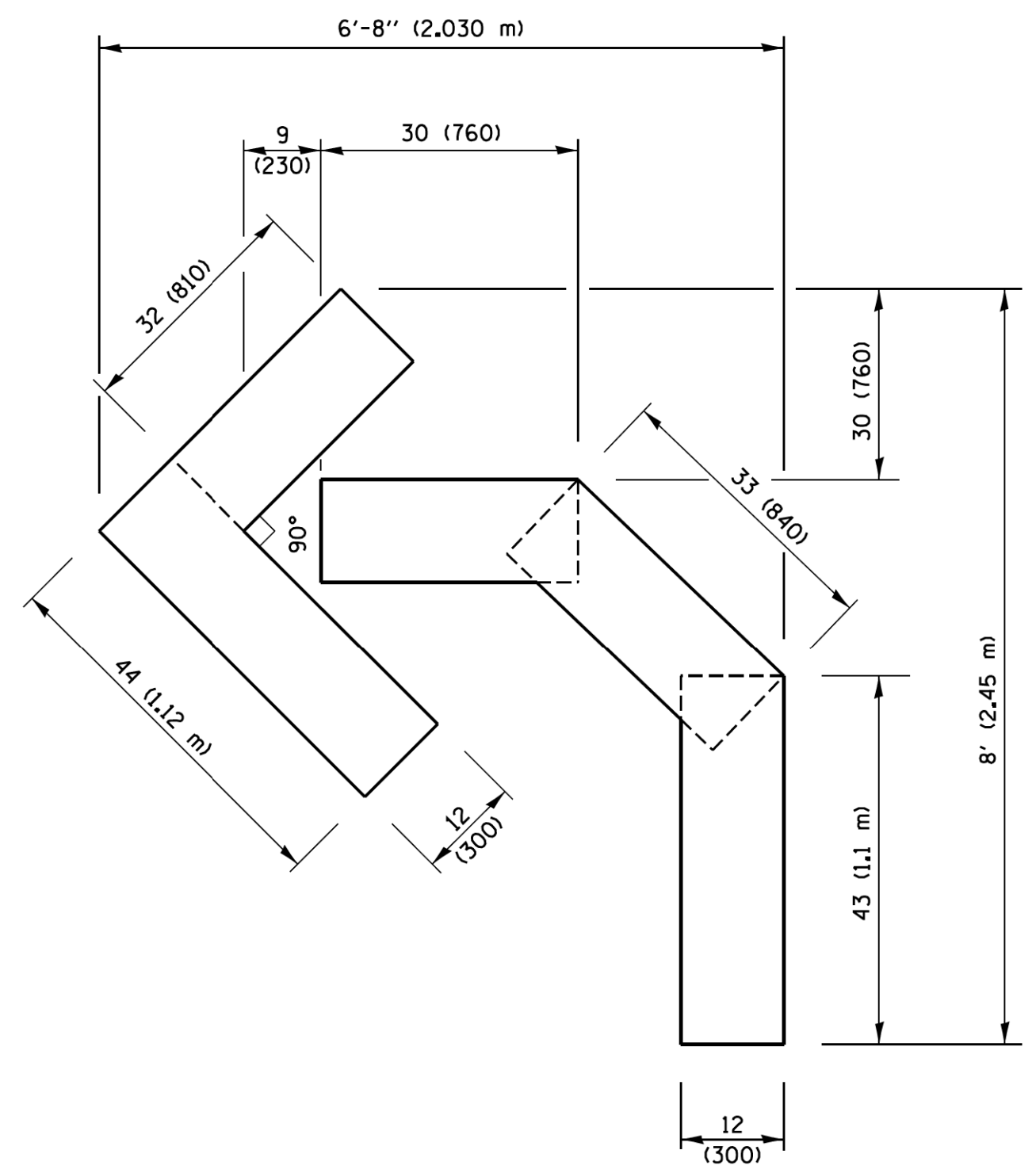
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE  
TYPICAL PAVEMENT MARKINGS**

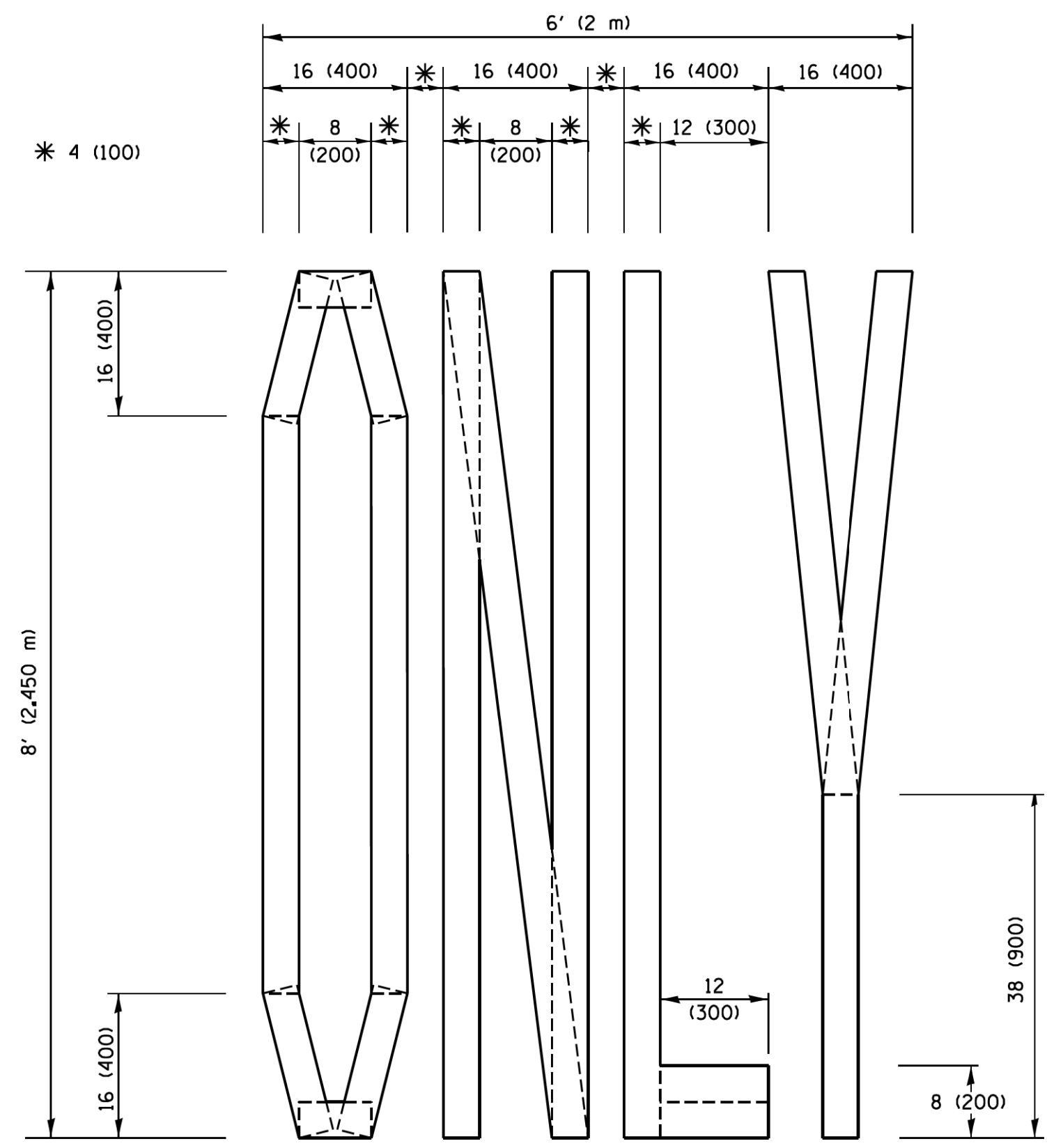
F.A. RTE. 3260 2060	SECTION 16-00106-02-RS	COUNTY LAKE	TOTAL SHEETS 122	SHEET NO. 96
<b>TC-13</b>		CONTRACT NO. 61H45		
ILLINOIS FED. AID PROJECT				

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

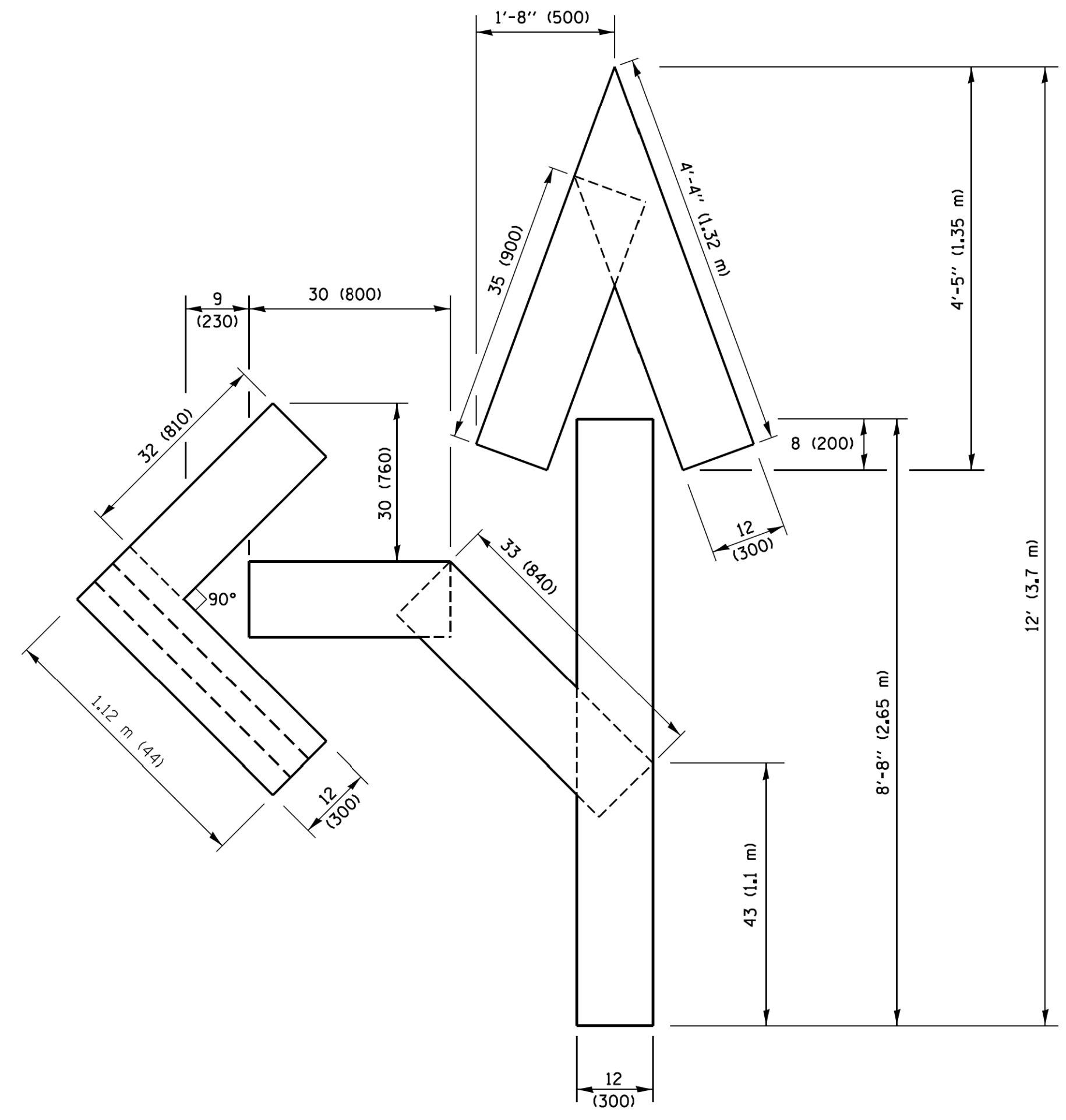




**QUANTITY**  
 4 (100) LINE = 45.5 ft. (13.9 m)  
 15.2 sq. ft. (1.41 sq. m)

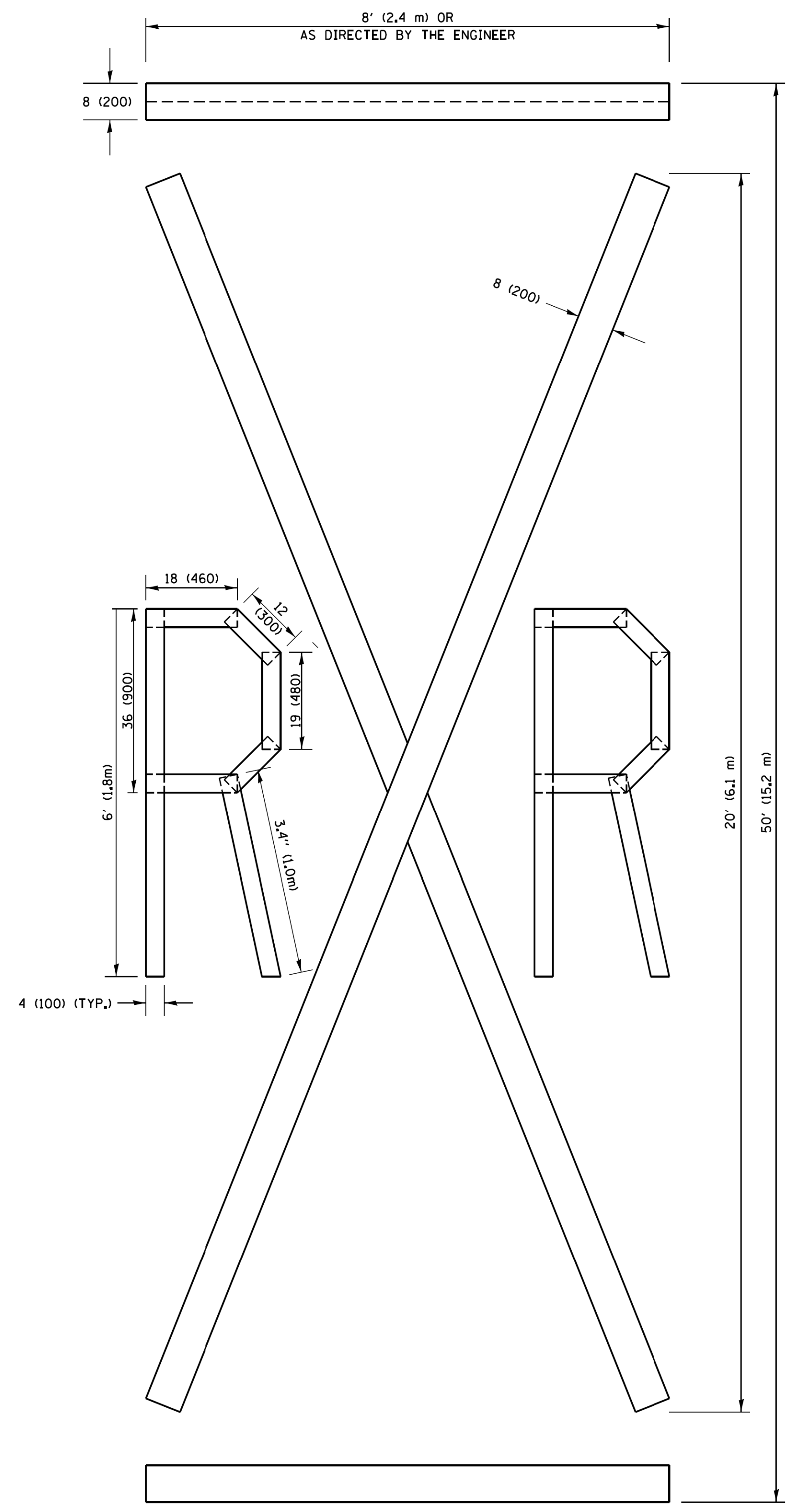


**QUANTITY**  
 4 (100) LINE = 64.1 ft. (19.5 m)  
 21.4 sq. ft. (1.99 sq. m)



**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 = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
p:\1\1084E81D\INTEG\illinois.gov\PIW001\Documents\DOT_Offices\District 1\Projects\Dist 1\DRAWN\CADDData\CADsheets\to16.dgn		DRAWN	REVISED - E. GOMEZ 08-28-00
PLOT SCALE = 50.0000' / 1"		CHECKED -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 9/15/2016		DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16


**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**


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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3260 2060	16-00106-02-R5	LAKE	122	96A
<b>TC-16</b>		<b>CONTRACT NO.</b>	<b>61H45</b>	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				






**ROUTE MARKERS**

 FOR U.S. ROUTES  
M1-40-2424






 FOR ILLINOIS ROUTES  
M1-50-2424

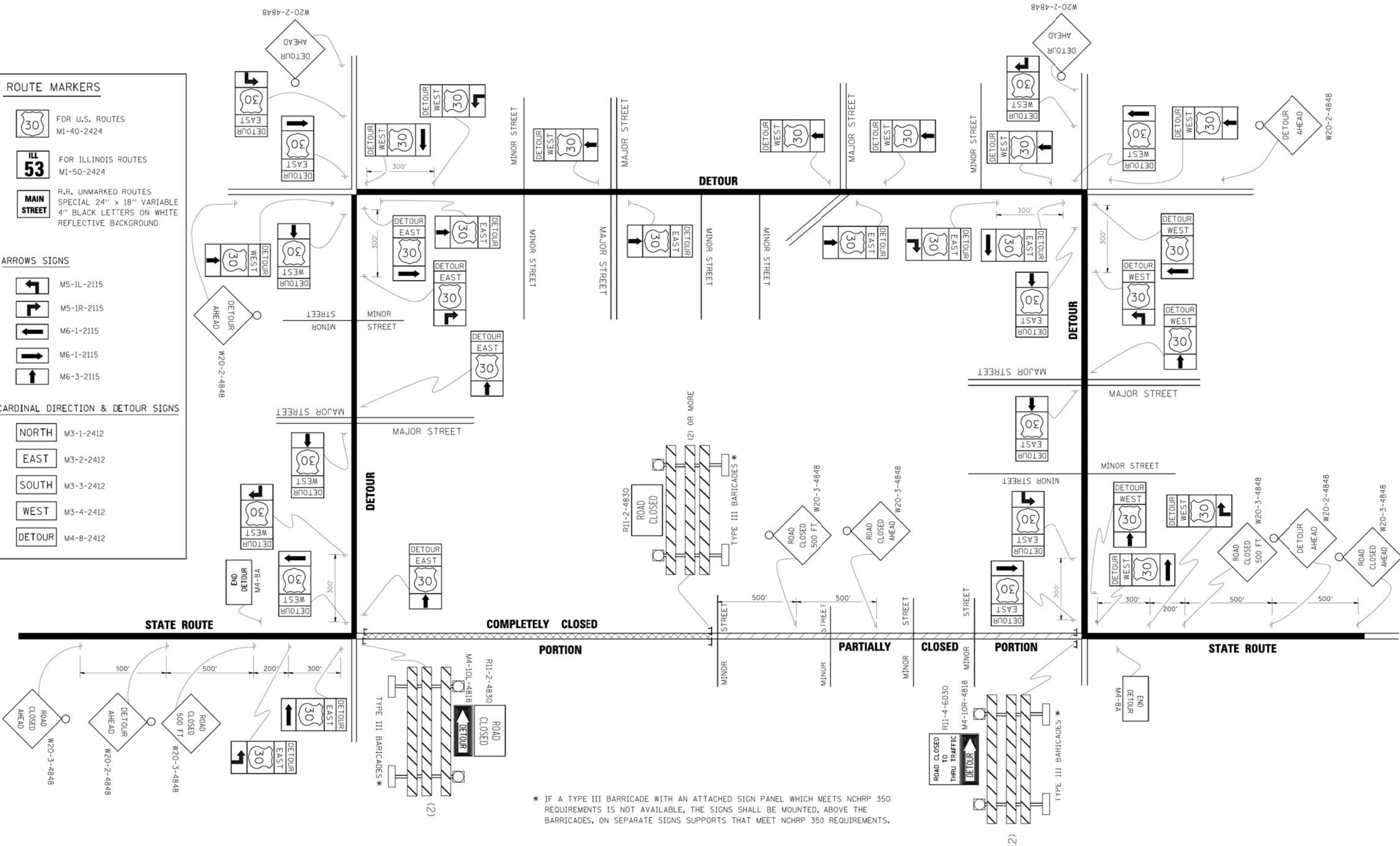
 R.R., UNMARKED ROUTES  
SPECIAL 24" x 18" VARIABLE  
4" BLACK LETTERS ON WHITE  
REFLECTIVE BACKGROUND

**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



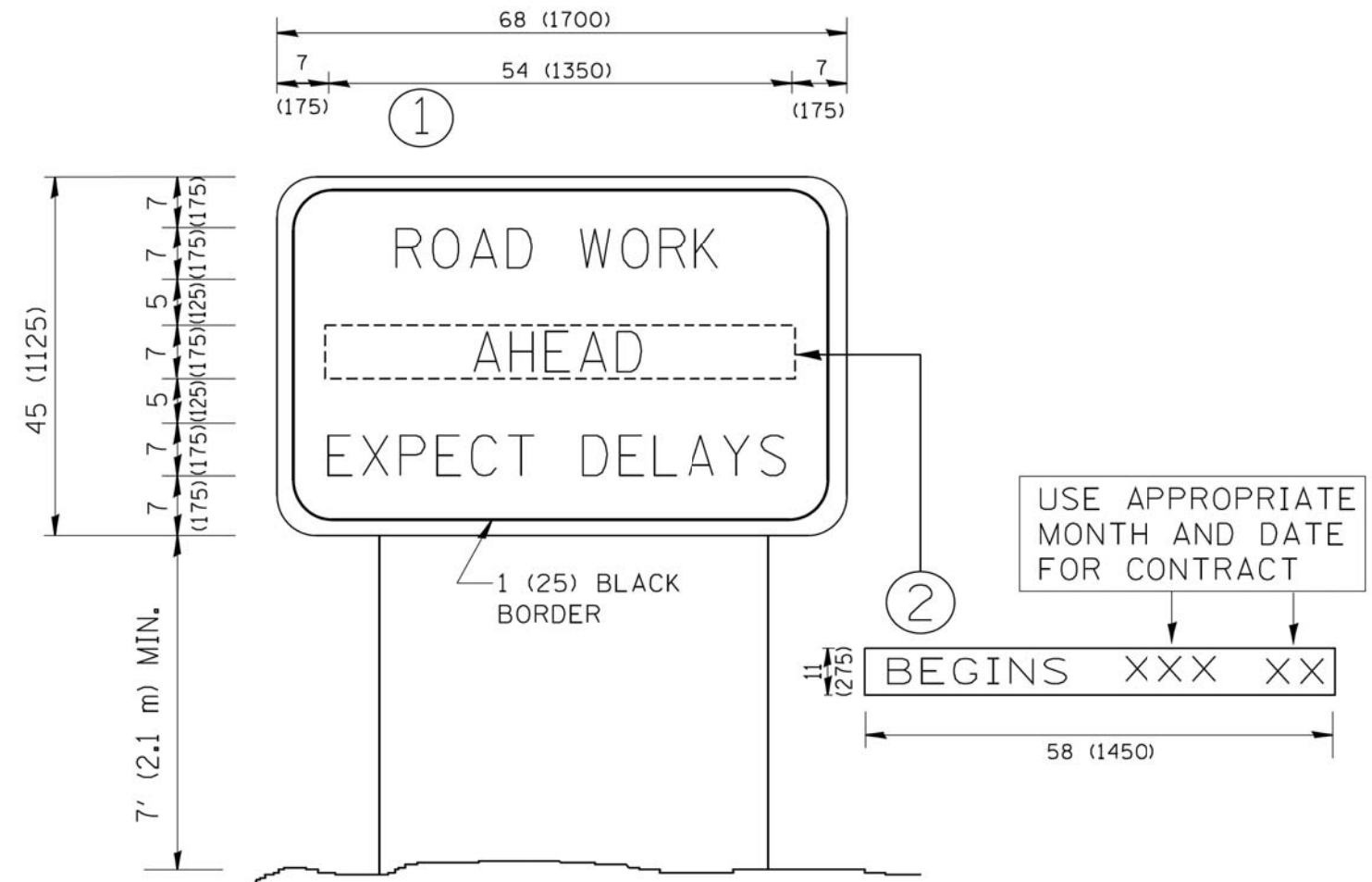
\* IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.

FILE NAME *	USER NAME * drivakosgn	DESIGNED -	REVISED - 10-18-02
et:\pw_work\PWIDDT\DRIVAKOSGN\0108315\1421.dgn		DRAWN -	REVISED - R. BORO 09-14-09
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DETOUR SIGNING FOR CLOSING STATE HIGHWAYS</b>	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A. RTE. 3260 2060	SECTION 16-00106-02-RS	COUNTY LAKE	TOTAL SHEETS 122	SHEET NO. 97
<b>TC-21</b>		CONTRACT NO. 61H45		
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.

FILE NAME = W:\diststd\22x34\tc22.dgn	USER NAME = gaglianobt	DESIGNED - DRAWN -	REVISED - REVISED -
		DESIGNED - CHECKED -	REVISED - REVISED -
		DESIGNED - DATE -	REVISED - REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

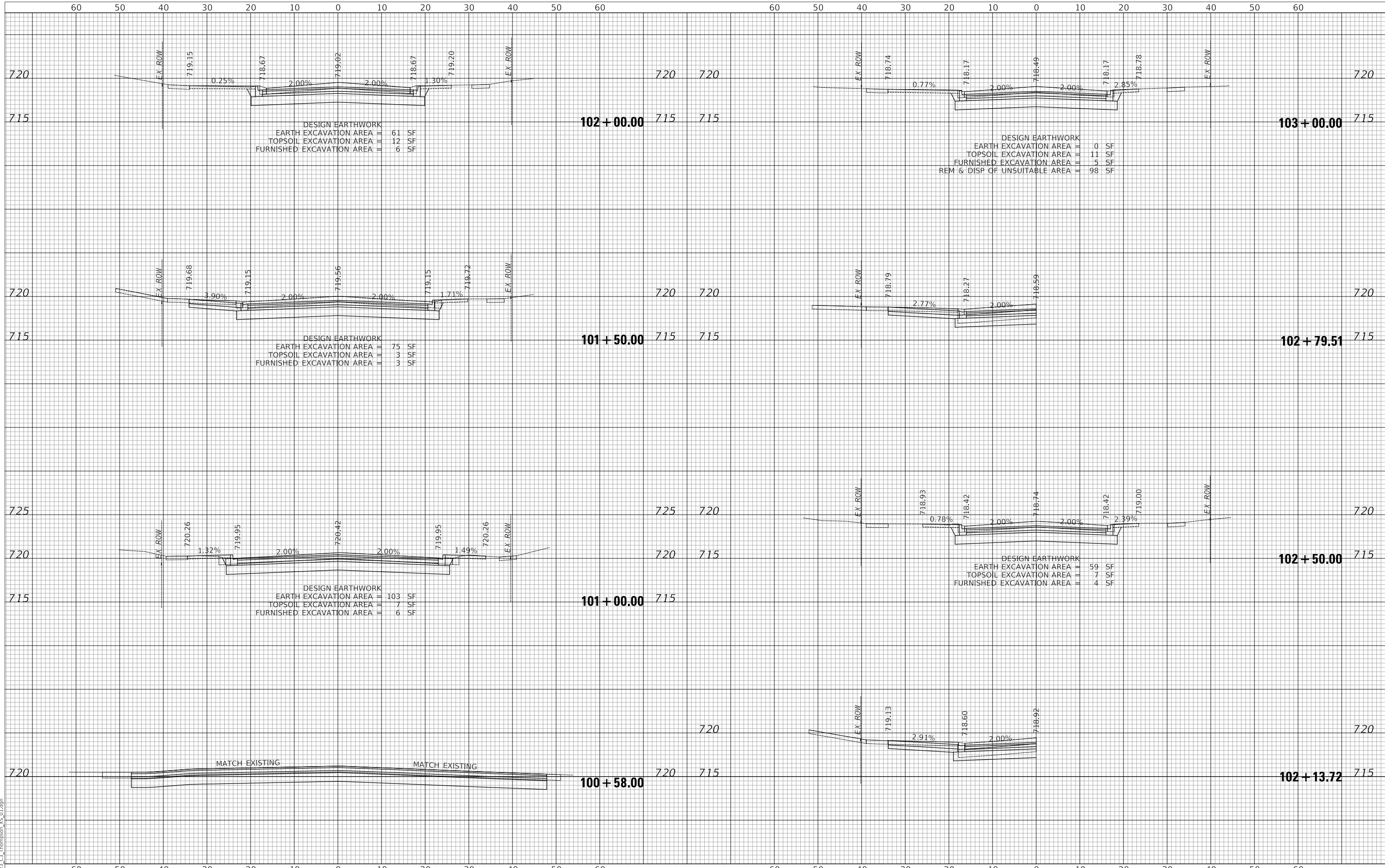
ARTERIAL ROAD  
INFORMATION SIGN

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

F.A. RTE. 3260 2060	SECTION 16-00106-02-RS	COUNTY LAKE	TOTAL SHEETS 122	SHEET NO. 98
TC-22		CONTRACT NO. 61H45		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

PROFILE	SURVEYED	DATE
	GRADES CHECKED	BY
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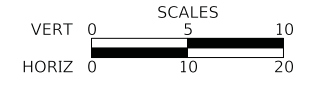
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Two Pierce Place, Suite 1400  
 Itasca, Illinois 60143  
 Tel: 630.773.3900 Fax: 630.773.3975  
 www.civiltechinc.com

DESIGNED -	TGB	REVISED -	
DRAWN -	JRR	REVISED -	
CHECKED -	KRK	REVISED -	
DATE -	11/3/2021	REVISED -	

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

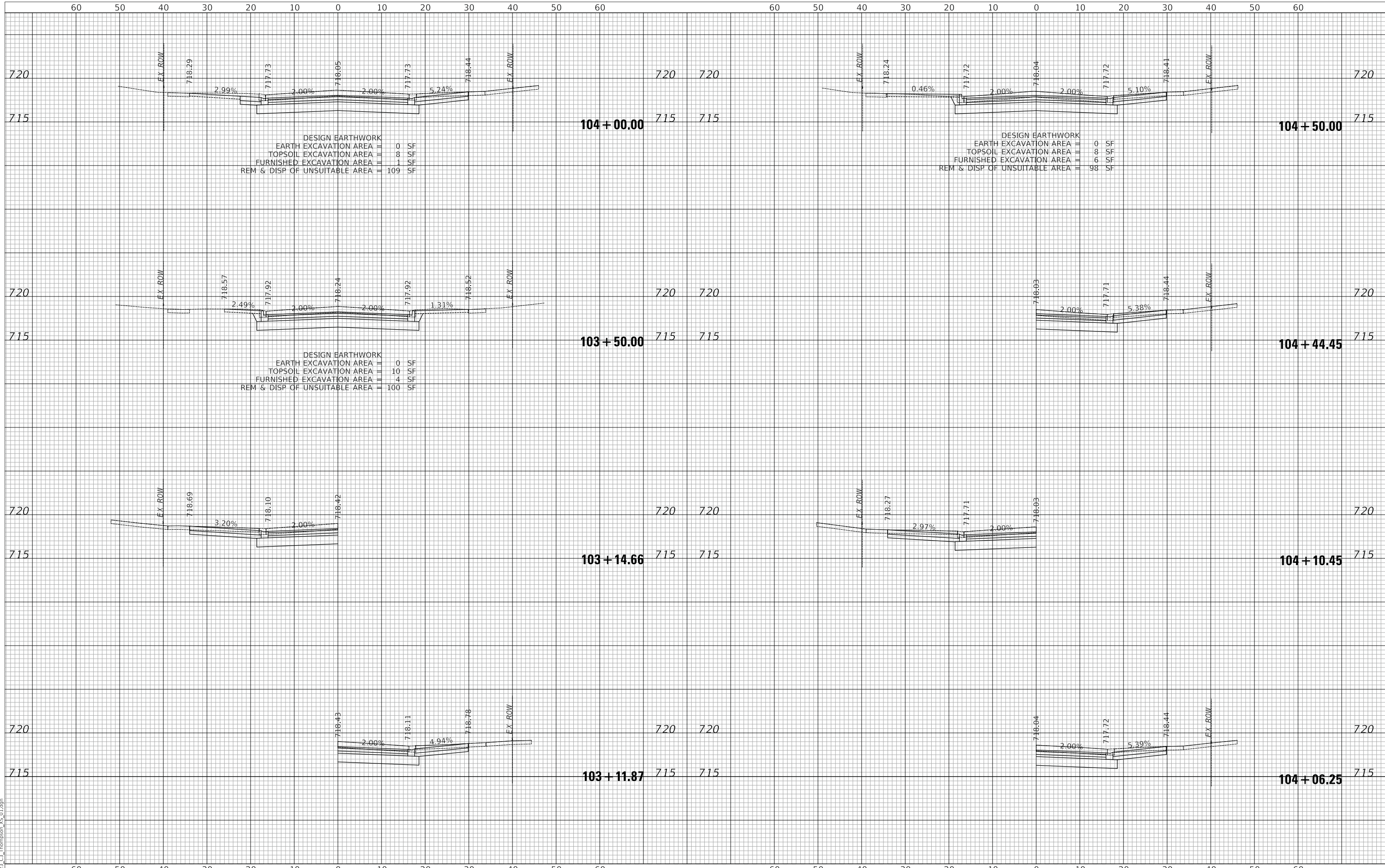


CROSS SECTIONS - THOMPSON BOULEVARD  
 SHEET 1 OF 24 SHEETS  
 STA 100+58.00 TO STA 103+00.00

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756	16-00106-03-RS	LAKE	122	99
4801				
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

PLAN  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 ALIGNED CHECKED \_\_\_\_\_  
 NOTE BOOK NO. \_\_\_\_\_  
 CAD FILE NAME \_\_\_\_\_

PROFILE  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
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 NOTE BOOK NO. \_\_\_\_\_



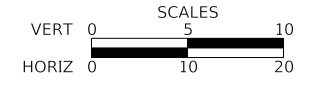
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 Itasca, Illinois 60143  
 Tel: 630.773.3900 Fax: 630.773.3975  
 www.civiltechinc.com

DESIGNED - TGB	REVISED -
DRAWN - JRR	REVISED -
CHECKED - KRK	REVISED -
DATE - 11/3/2021	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION



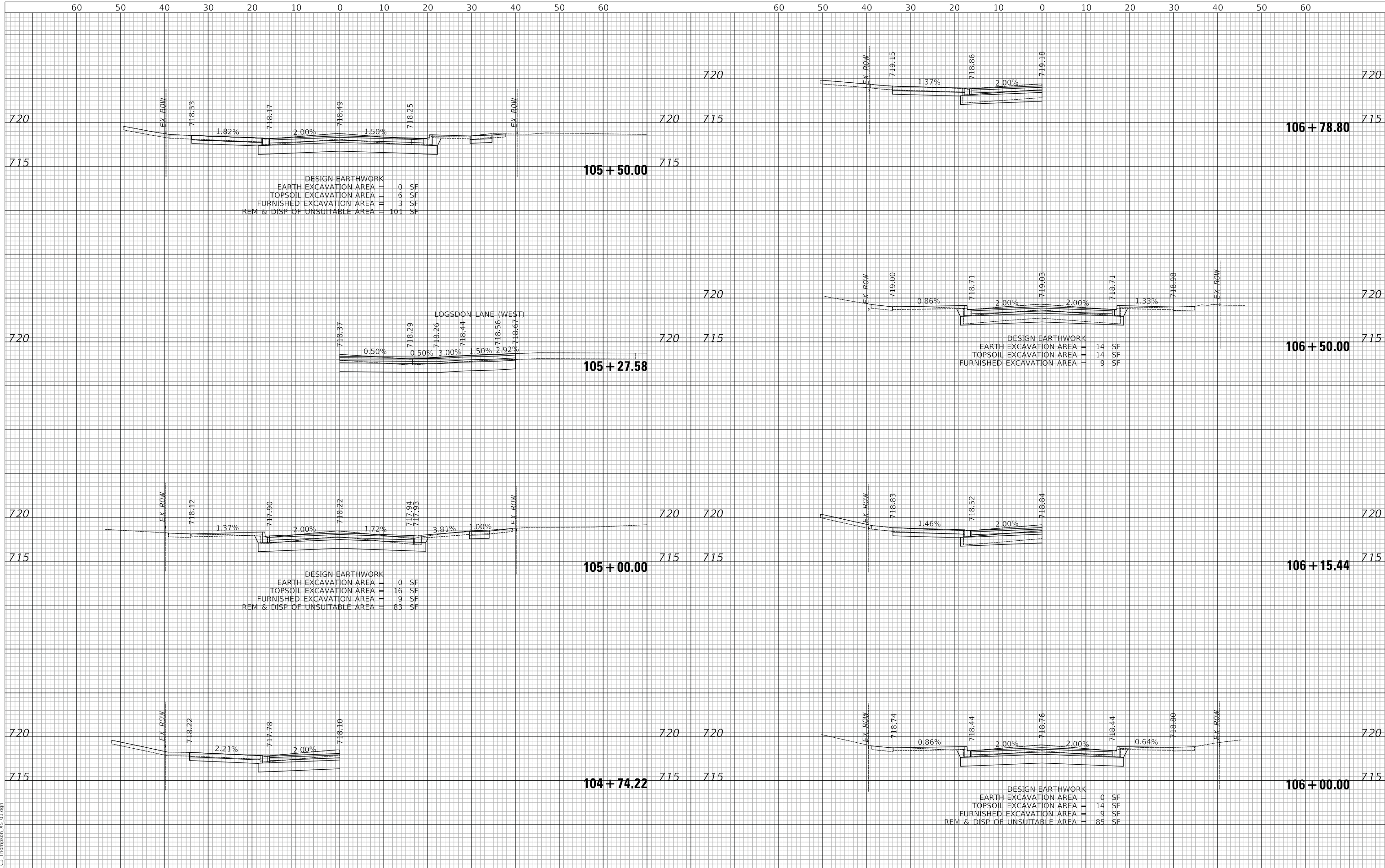
CROSS SECTIONS - THOMPSON BOULEVARD

SHEET 2 OF 24 SHEETS STA 103+11.87 TO STA 104+50.00

MUN RTE 4756 4801	SECTION 16-00106-03-RS	COUNTY LAKE	TOTAL SHEETS 122	SHEET NO 100
CONTRACT NO 61H45			ILLINOIS FED AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	



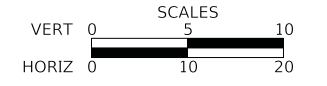
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Itasca, Illinois 60143  
Tel: 630.773.3900 Fax: 630.773.3975  
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DESIGNED -	TGB	REVISED -	
DRAWN -	JRR	REVISED -	
CHECKED -	KRK	REVISED -	
DATE -	11/3/2021	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**



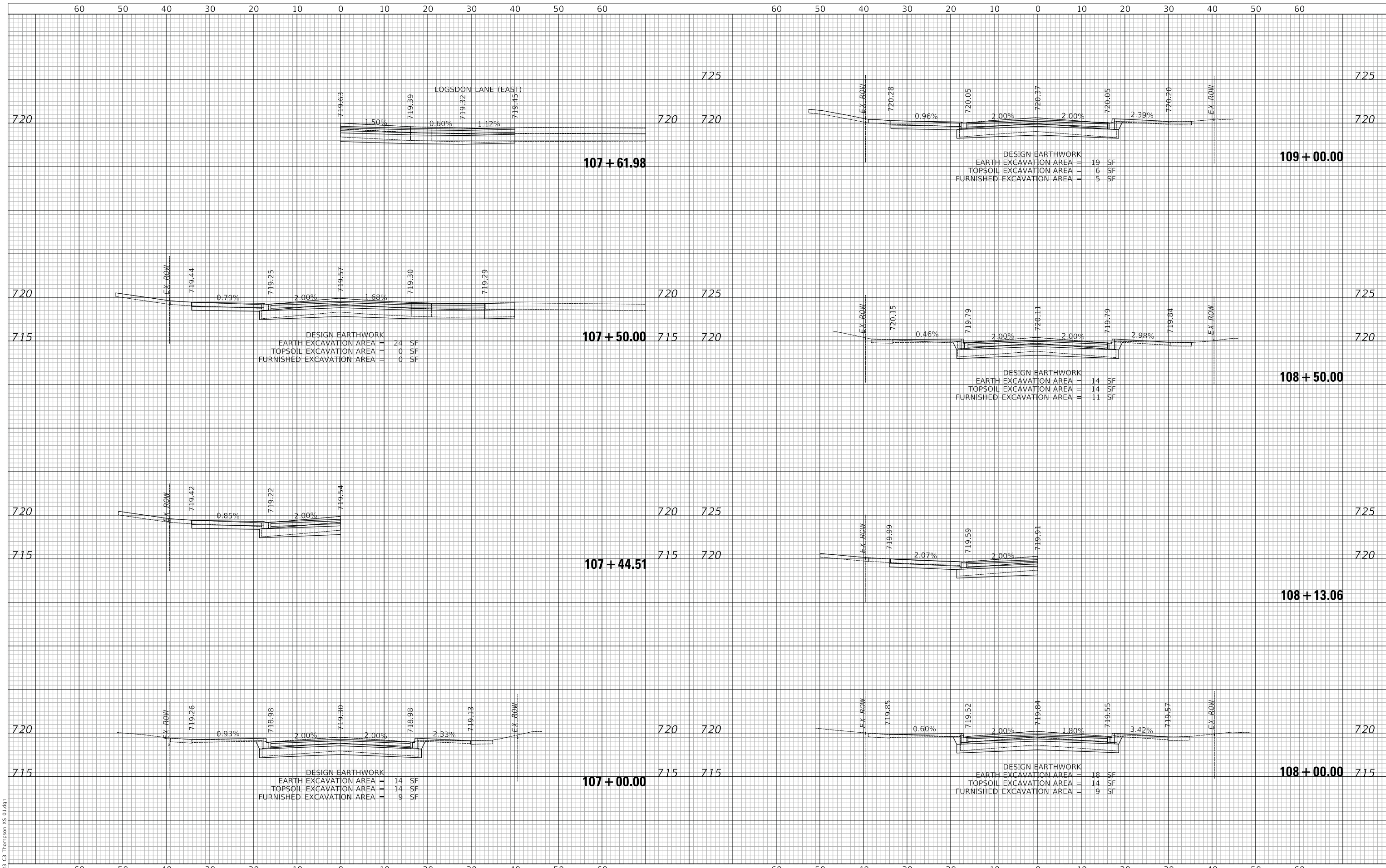
**CROSS SECTIONS - THOMPSON BOULEVARD**

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-RS	LAKE	122	101
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

SHEET 3 OF 24 SHEETS STA 104+74.22 TO STA 106+78.80

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

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



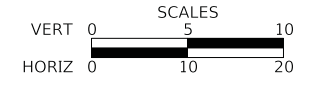
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FILE NAME: ...1322\_C3\_Thompson\_XS\_01.dgn



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CHECKED - KRK	REVISED -
DATE - 11/3/2021	REVISED -

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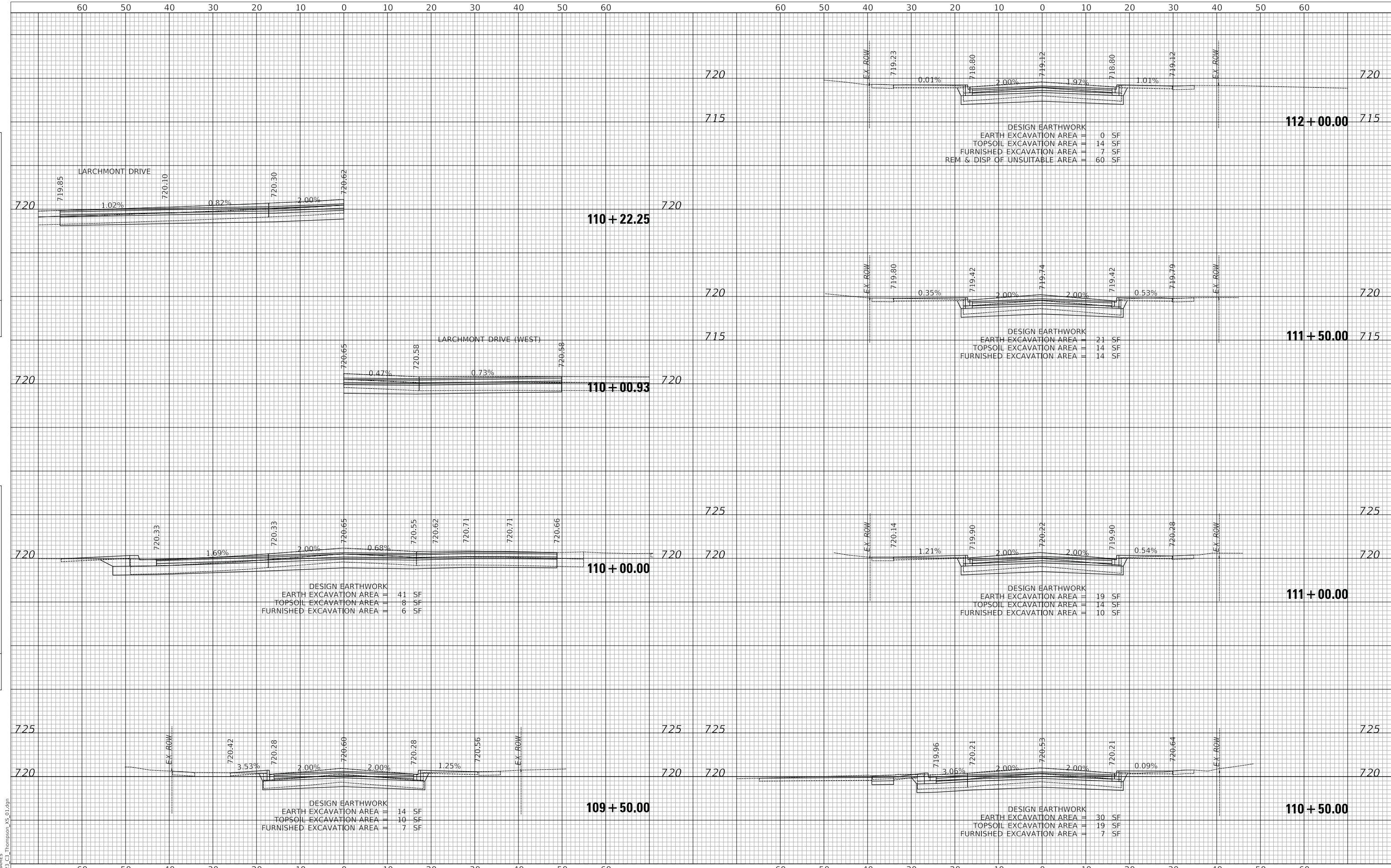
CROSS SECTIONS - THOMPSON BOULEVARD

SHEET 4 OF 24 SHEETS STA 107+00.00 TO STA 109+00.00

MUN RTE 4756 4801	SECTION 16-00106-03-RS	COUNTY LAKE	TOTAL SHEETS 122	SHEET NO 102
CONTRACT NO 61H45			ILLINOIS FED AID PROJECT	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	CADD FILE NAME		
	NO.		

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



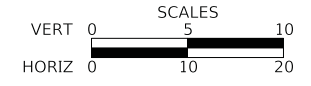
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CHECKED -	KRK	REVISED -	
DATE -	11/3/2021	REVISED -	

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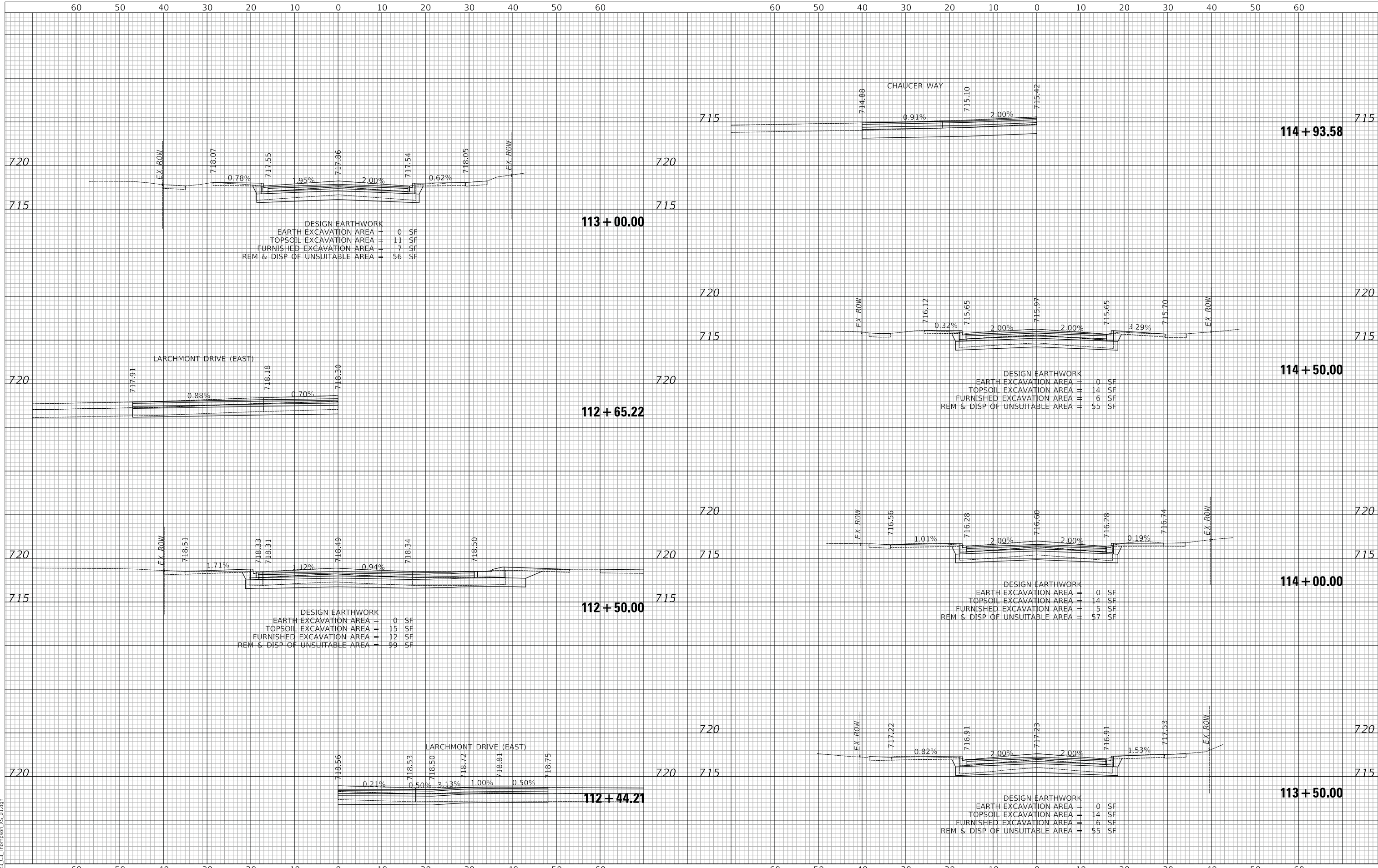
**CROSS SECTIONS - THOMPSON BOULEVARD**  
SHEET 5 OF 24 SHEETS STA 109+50.00 TO STA 112+00.00

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-RS	LAKE	122	103
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				



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

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



DESIGN EARTHWORK  
 EARTH EXCAVATION AREA = 0 SF  
 TOPSOIL EXCAVATION AREA = 11 SF  
 FURNISHED EXCAVATION AREA = 7 SF  
 REM & DISP OF UNSUITABLE AREA = 56 SF

DESIGN EARTHWORK  
 EARTH EXCAVATION AREA = 0 SF  
 TOPSOIL EXCAVATION AREA = 14 SF  
 FURNISHED EXCAVATION AREA = 6 SF  
 REM & DISP OF UNSUITABLE AREA = 55 SF

DESIGN EARTHWORK  
 EARTH EXCAVATION AREA = 0 SF  
 TOPSOIL EXCAVATION AREA = 15 SF  
 FURNISHED EXCAVATION AREA = 12 SF  
 REM & DISP OF UNSUITABLE AREA = 99 SF

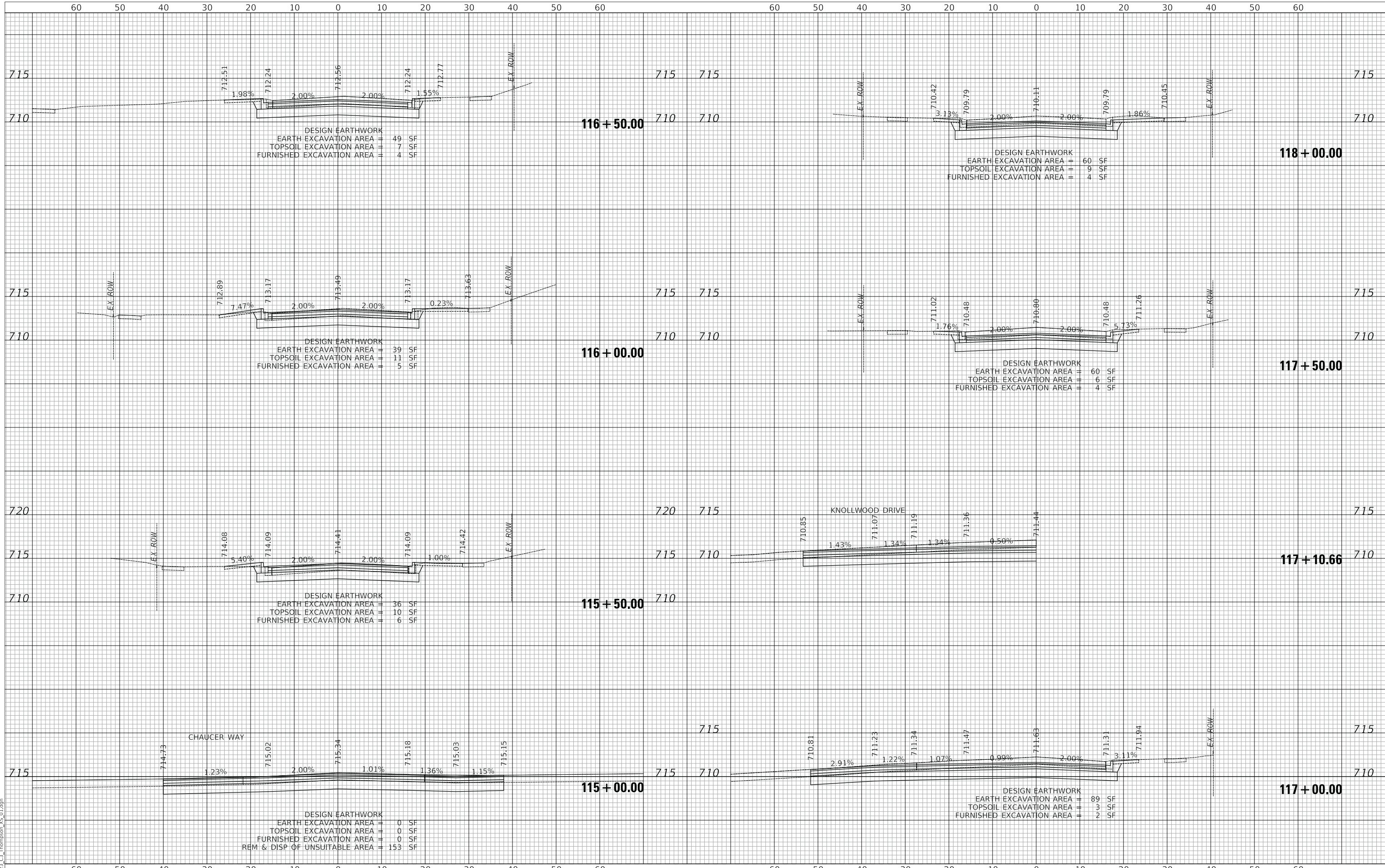
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 EARTH EXCAVATION AREA = 0 SF  
 TOPSOIL EXCAVATION AREA = 14 SF  
 FURNISHED EXCAVATION AREA = 5 SF  
 REM & DISP OF UNSUITABLE AREA = 57 SF

DESIGN EARTHWORK  
 EARTH EXCAVATION AREA = 0 SF  
 TOPSOIL EXCAVATION AREA = 14 SF  
 FURNISHED EXCAVATION AREA = 6 SF  
 REM & DISP OF UNSUITABLE AREA = 55 SF

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PLAN	SURVEYED	DATE
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	CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	NO.	



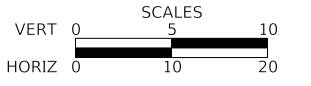
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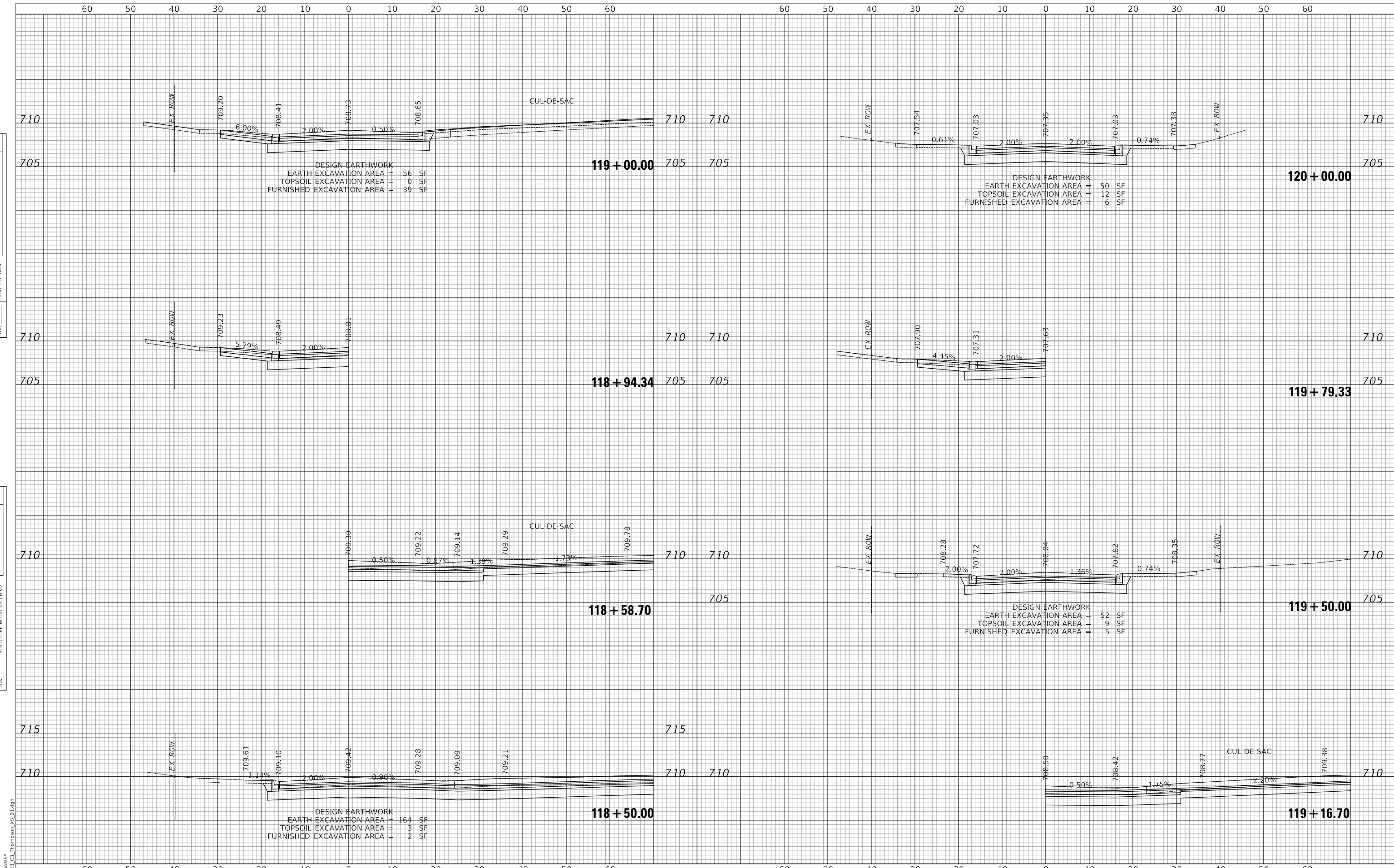
**CROSS SECTIONS - THOMPSON BOULEVARD**

SHEET 7 OF 24 SHEETS STA 115+00.00 TO STA 118+00.00

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-RS	LAKE	122	105
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

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



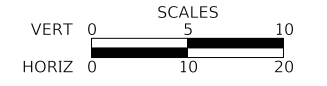
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FILE NAME: ...1322\_C3\_Thompson\_XS\_01.dwg



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DATE	-	11/3/2021	REVISED	-

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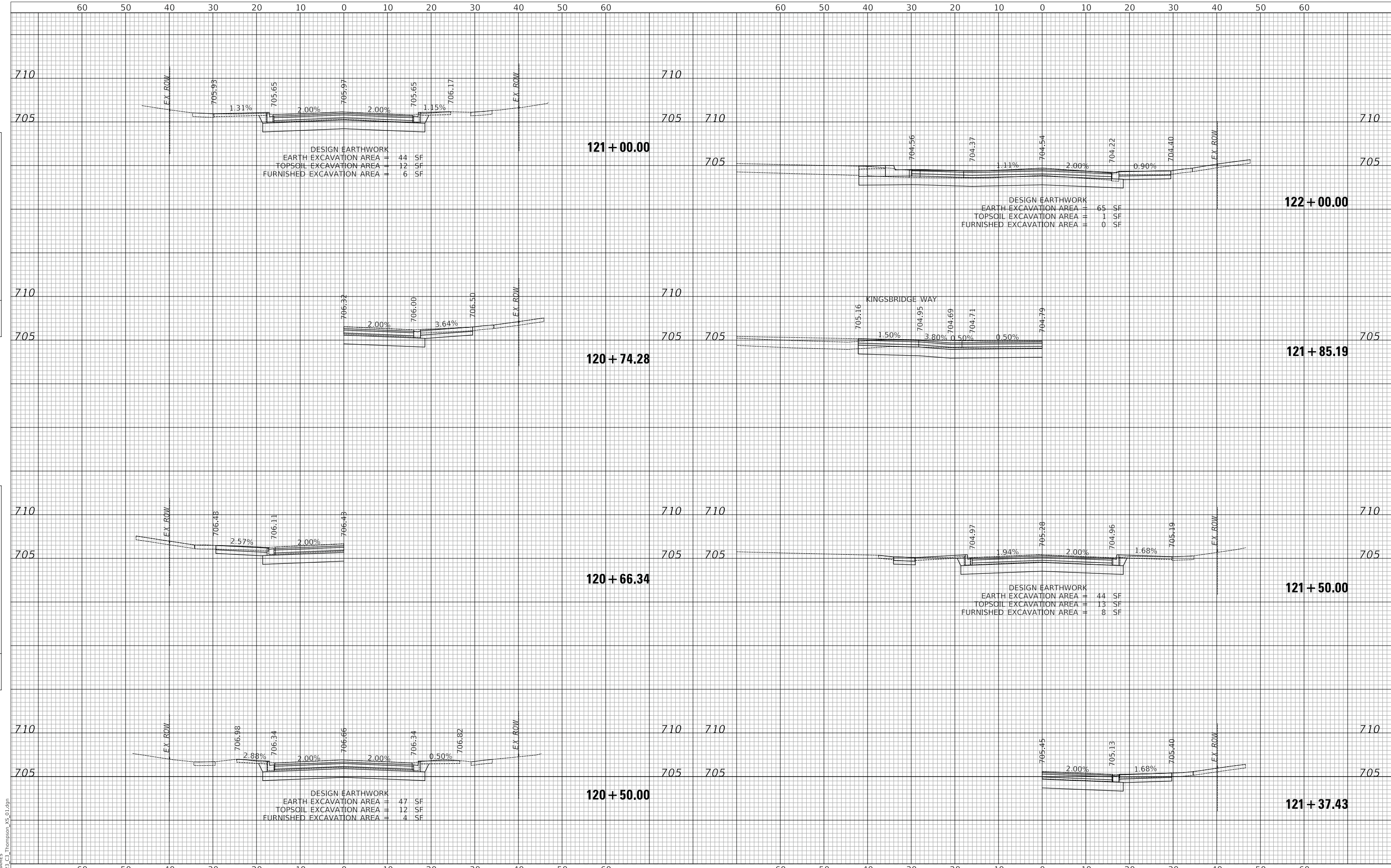
**CROSS SECTIONS - THOMPSON BOULEVARD**

SHEET 8 OF 24 SHEETS STA 118+50.00 TO STA 120+00.00

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-RS	LAKE	122	106
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

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

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



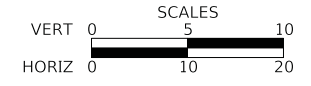
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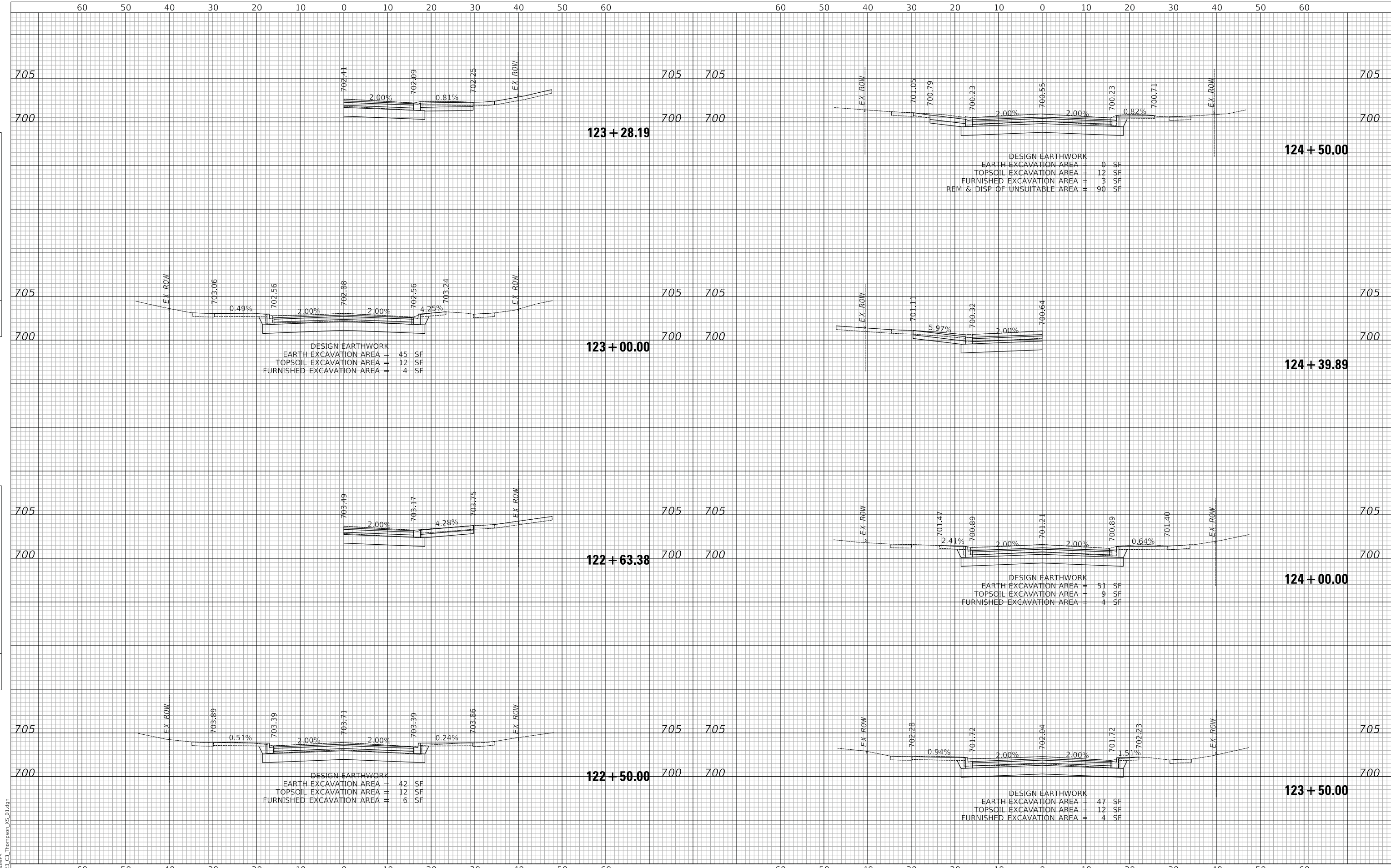


CROSS SECTIONS - THOMPSON BOULEVARD  
SHEET 9 OF 24 SHEETS  
STA 120+50.00 TO STA 122+00.00

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-RS	LAKE	122	107
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

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

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



DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	45	SF
TOPSOIL EXCAVATION AREA	=	12	SF
FURNISHED EXCAVATION AREA	=	4	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	0	SF
TOPSOIL EXCAVATION AREA	=	12	SF
FURNISHED EXCAVATION AREA	=	3	SF
REM & DISP OF UNSUITABLE AREA	=	90	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	51	SF
TOPSOIL EXCAVATION AREA	=	9	SF
FURNISHED EXCAVATION AREA	=	4	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	42	SF
TOPSOIL EXCAVATION AREA	=	12	SF
FURNISHED EXCAVATION AREA	=	6	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	47	SF
TOPSOIL EXCAVATION AREA	=	12	SF
FURNISHED EXCAVATION AREA	=	4	SF

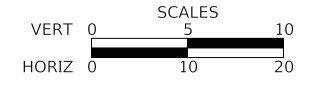
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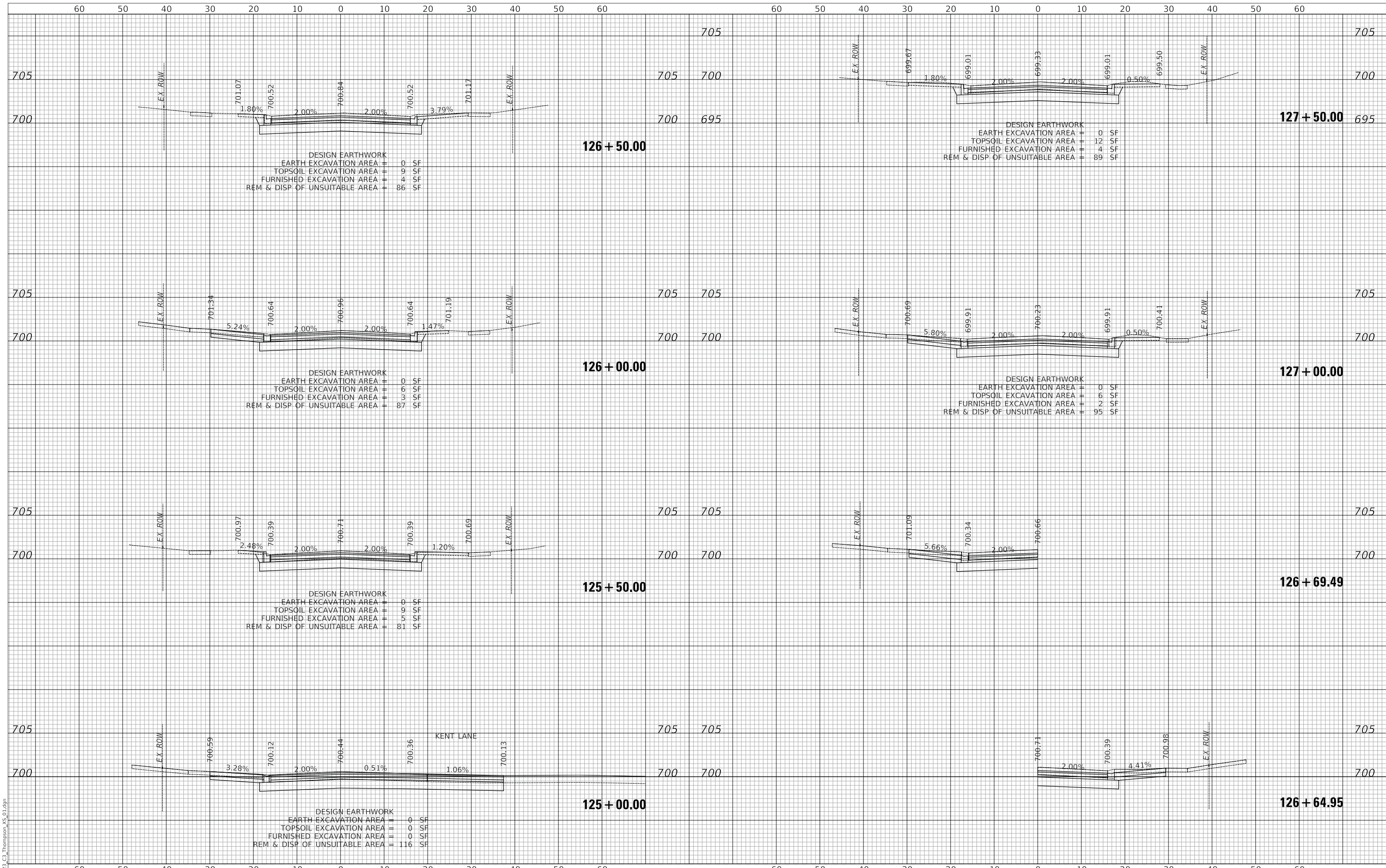
CROSS SECTIONS - THOMPSON BOULEVARD

SHEET 10 OF 24 SHEETS STA 122+50.00 TO STA 124+50.00

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-RS	LAKE	122	108
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

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

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
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NO.		



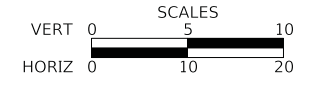
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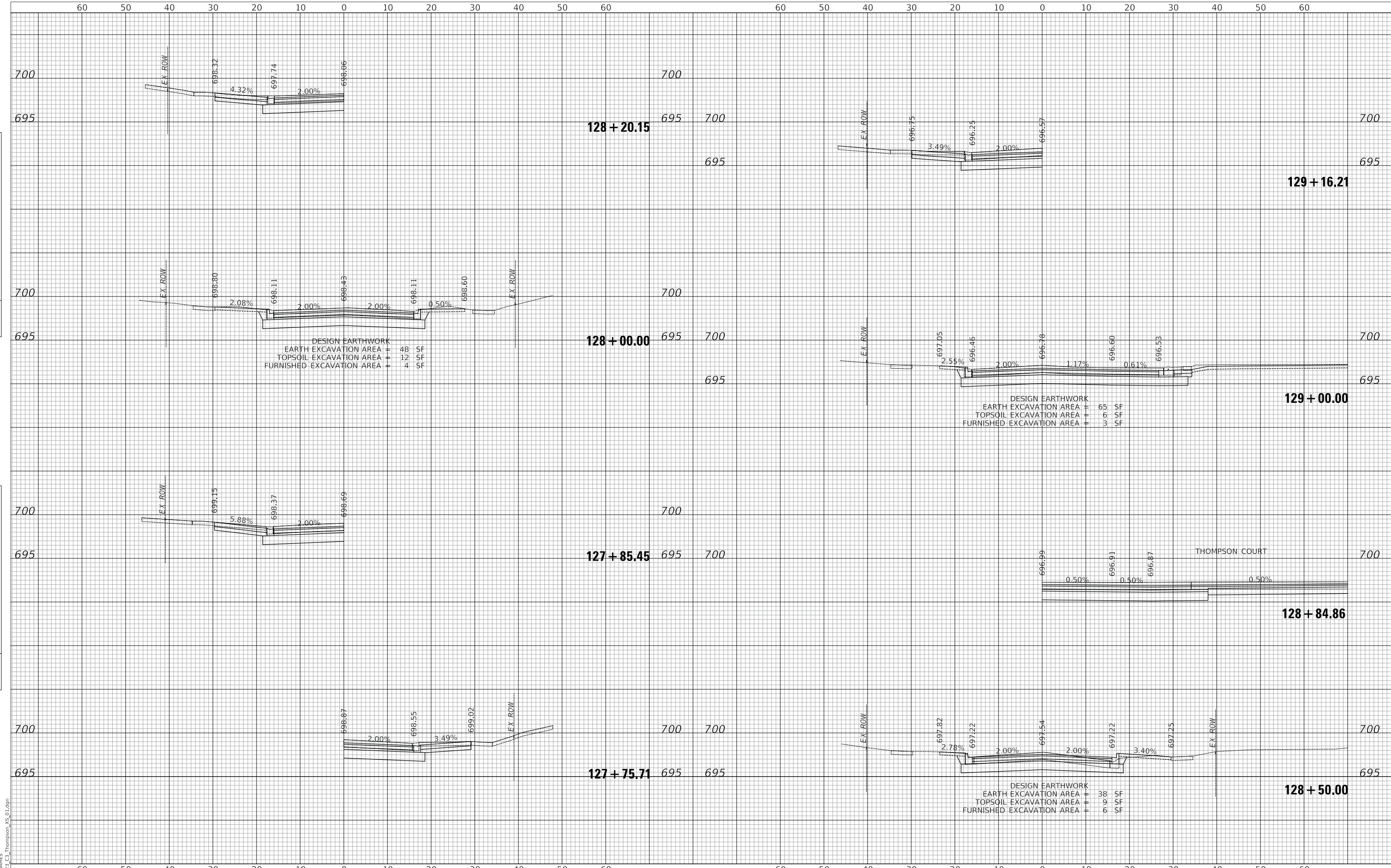
CROSS SECTIONS - THOMPSON BOULEVARD

SHEET 11 OF 24 SHEETS STA 125+00.00 TO STA 127+50.00

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-RS	LAKE	122	109
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	ALIGNMENT CHECKED	
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PROFILE	SURVEYED	DATE
	PLOTTED	BY
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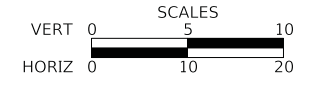
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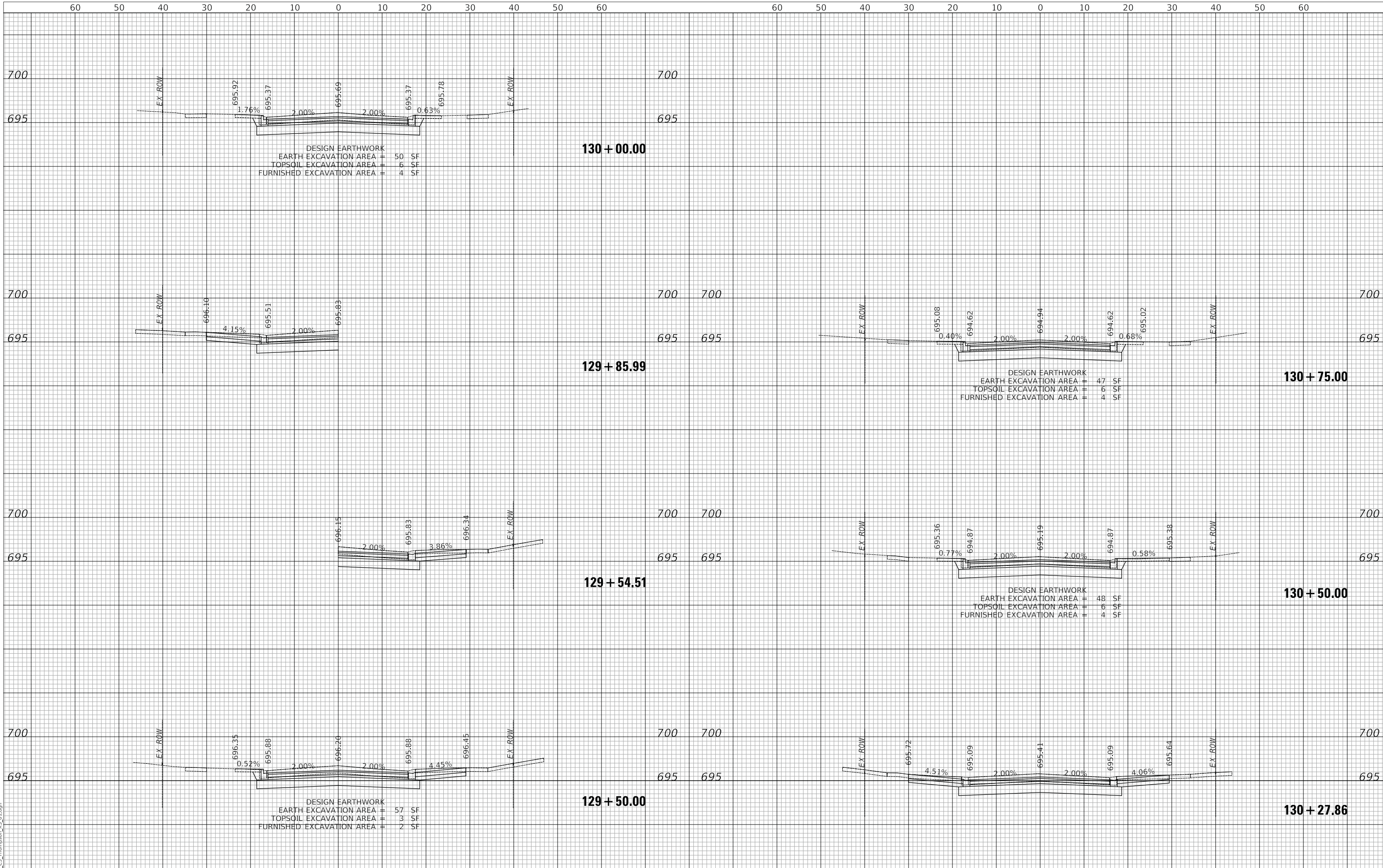
**CROSS SECTIONS - THOMPSON BOULEVARD**

SHEET 12 OF 24 SHEETS STA 127+75.71 TO STA 129+16.21

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-RS	LAKE	122	110
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
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PROFILE	SURVEYED	DATE
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	NOTE BOOK NO.	
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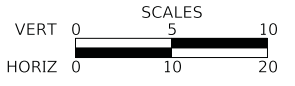
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DATE	- 11/3/2021	REVISED	-

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CROSS SECTIONS - THOMPSON BOULEVARD

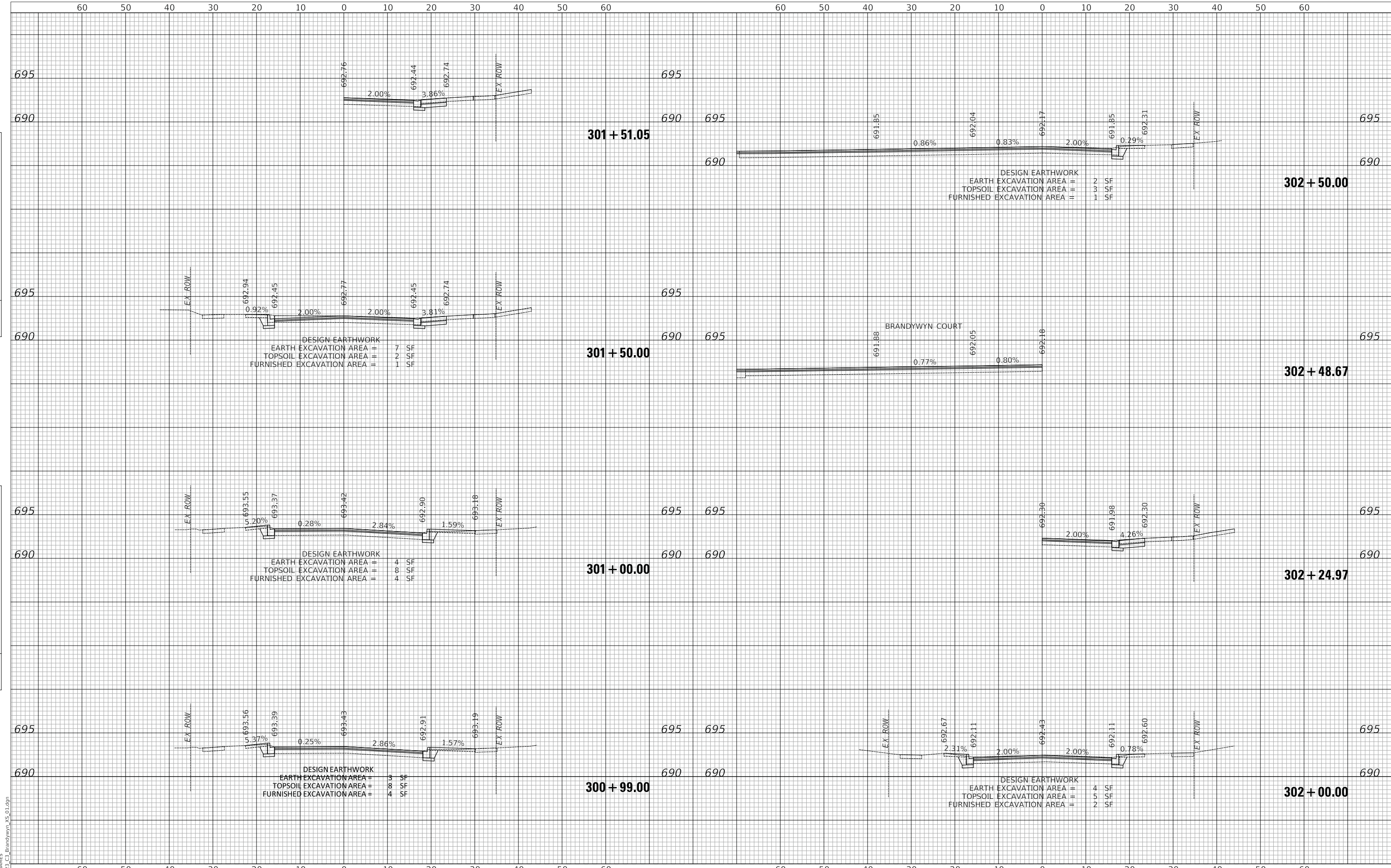
SHEET 13 OF 24 SHEETS STA 129+50.00 TO STA 130+75.00

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-R5	LAKE	122	111
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				



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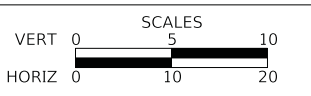
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	PLOTTED	BY
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	NOTE BOOK NO.	
	CADD FILE NAME	



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DATE -	11/3/2021	REVISED -	

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**CROSS SECTIONS - BRANDYWYN LANE**

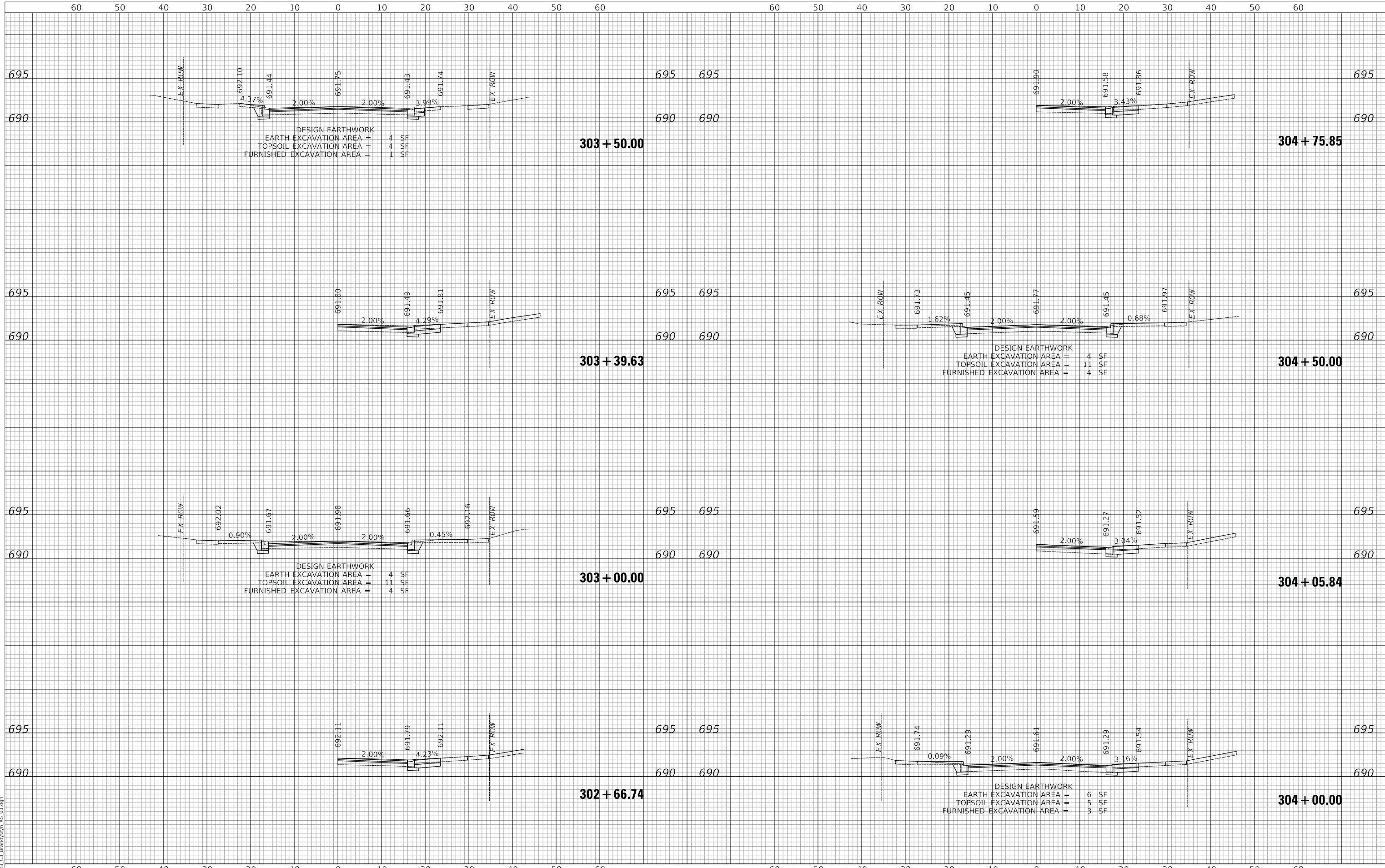
SHEET 14 OF 24 SHEETS STA 300+99.00 TO STA 302+50.00

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-R5	LAKE	122	112
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

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FILE NAME: ...1323\_C3\_brandywyn\_xs\_01.dgn

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

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



DESIGN EARTHWORK  
 EARTH EXCAVATION AREA = 4 SF  
 TOPSOIL EXCAVATION AREA = 4 SF  
 FURNISHED EXCAVATION AREA = 1 SF

**303 + 50.00**

**304 + 75.85**

DESIGN EARTHWORK  
 EARTH EXCAVATION AREA = 4 SF  
 TOPSOIL EXCAVATION AREA = 11 SF  
 FURNISHED EXCAVATION AREA = 4 SF

**303 + 39.63**

**304 + 50.00**

DESIGN EARTHWORK  
 EARTH EXCAVATION AREA = 4 SF  
 TOPSOIL EXCAVATION AREA = 11 SF  
 FURNISHED EXCAVATION AREA = 4 SF

**303 + 00.00**

**304 + 05.84**

DESIGN EARTHWORK  
 EARTH EXCAVATION AREA = 6 SF  
 TOPSOIL EXCAVATION AREA = 5 SF  
 FURNISHED EXCAVATION AREA = 3 SF

**302 + 66.74**

**304 + 00.00**

MODEL: SH06L1M4M5  
 FILE NAME: ...1323\_C3\_brandywyn\_xs\_01.dgn



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**CROSS SECTIONS - BRANDYWYN LANE**

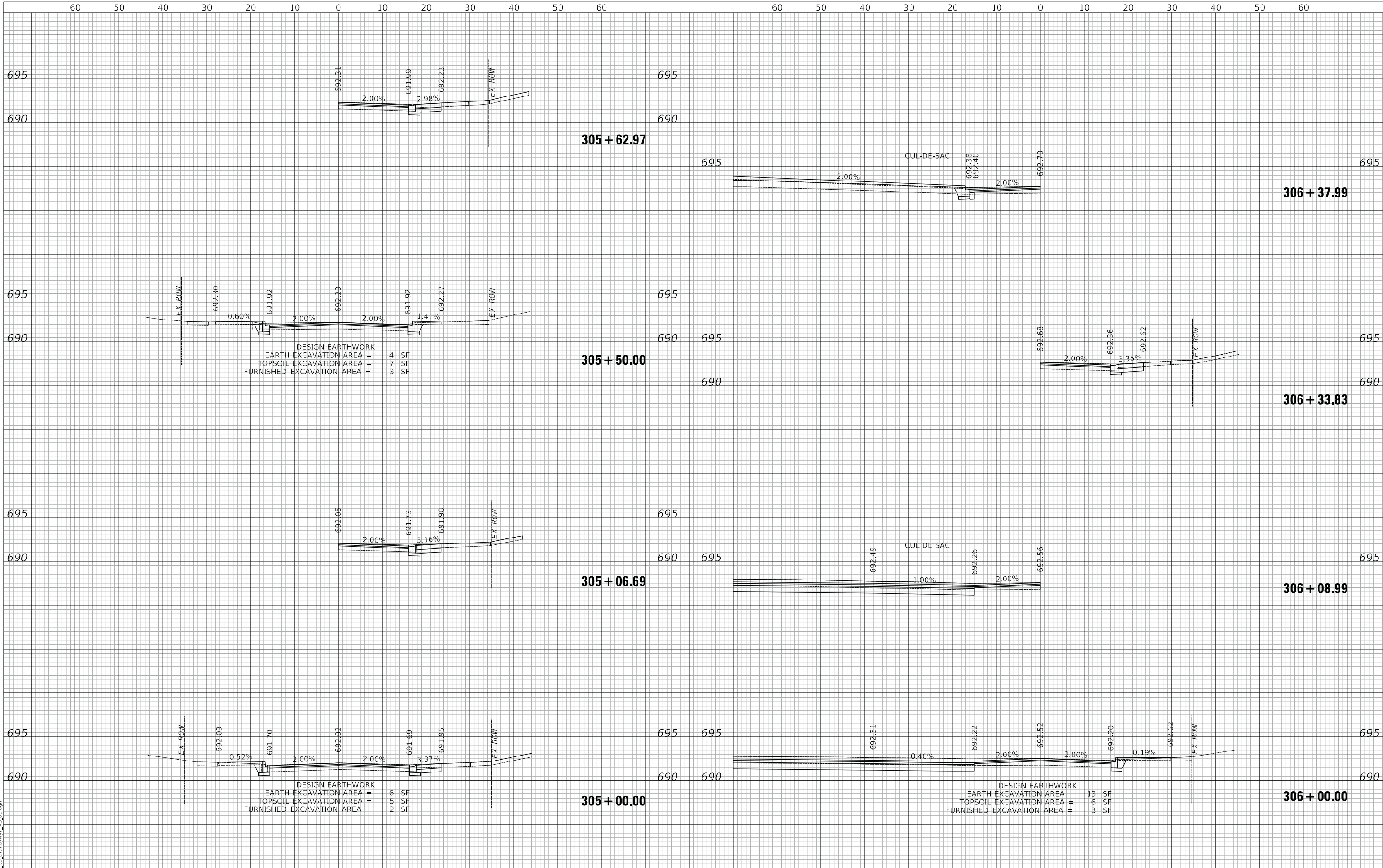
SHEET 15 OF 24 SHEETS STA 302+66.74 TO STA 304+75.85

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-RS	LAKE	122	113
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
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	NO.	

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

MODEL: SH06L1M4M5  
FILE NAME: ...1322\_C3\_brandywyn\_xs\_01.dgn



DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	4	SF
TOPSOIL EXCAVATION AREA	=	7	SF
FURNISHED EXCAVATION AREA	=	3	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	6	SF
TOPSOIL EXCAVATION AREA	=	5	SF
FURNISHED EXCAVATION AREA	=	2	SF

DESIGN EARTHWORK

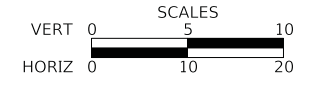
EARTH EXCAVATION AREA	=	13	SF
TOPSOIL EXCAVATION AREA	=	6	SF
FURNISHED EXCAVATION AREA	=	3	SF



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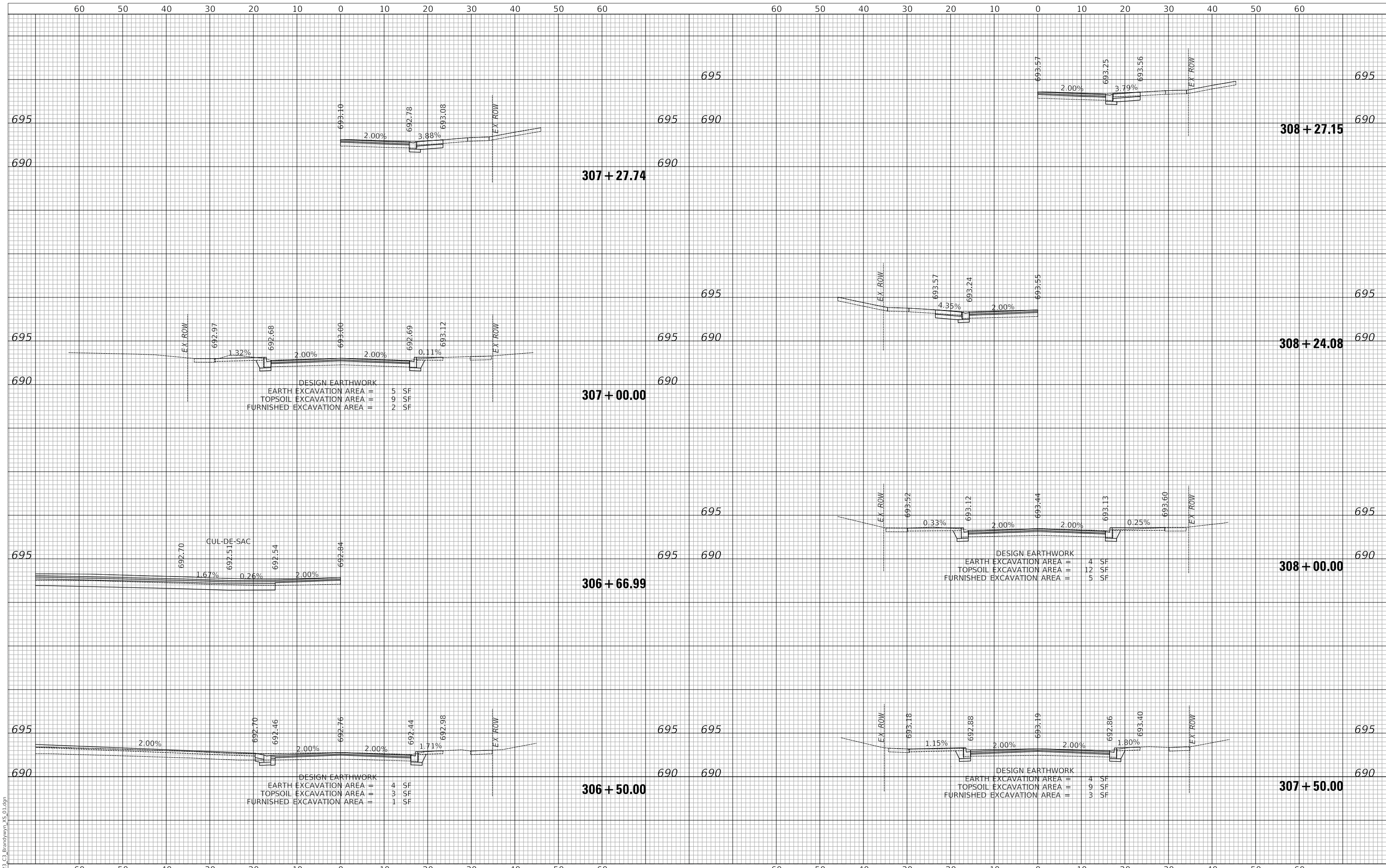
CROSS SECTIONS - BRANDYWYN LANE

SHEET 16 OF 24 SHEETS STA 305+00.00 TO STA 306+37.99

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-RS	LAKE	122	114
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	BY
	STRUCTURE NOTATIONS CHECKED	
	NO.	



DESIGN EARTHWORK  
 EARTH EXCAVATION AREA = 5 SF  
 TOPSOIL EXCAVATION AREA = 9 SF  
 FURNISHED EXCAVATION AREA = 2 SF

DESIGN EARTHWORK  
 EARTH EXCAVATION AREA = 4 SF  
 TOPSOIL EXCAVATION AREA = 12 SF  
 FURNISHED EXCAVATION AREA = 5 SF

DESIGN EARTHWORK  
 EARTH EXCAVATION AREA = 4 SF  
 TOPSOIL EXCAVATION AREA = 3 SF  
 FURNISHED EXCAVATION AREA = 1 SF

DESIGN EARTHWORK  
 EARTH EXCAVATION AREA = 4 SF  
 TOPSOIL EXCAVATION AREA = 9 SF  
 FURNISHED EXCAVATION AREA = 3 SF

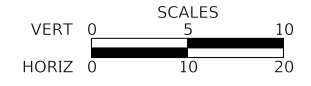
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DESIGNED	-	TGB	REVISED	-
DRAWN	-	JRR	REVISED	-
CHECKED	-	KRK	REVISED	-
DATE	-	11/3/2021	REVISED	-

STATE OF ILLINOIS  
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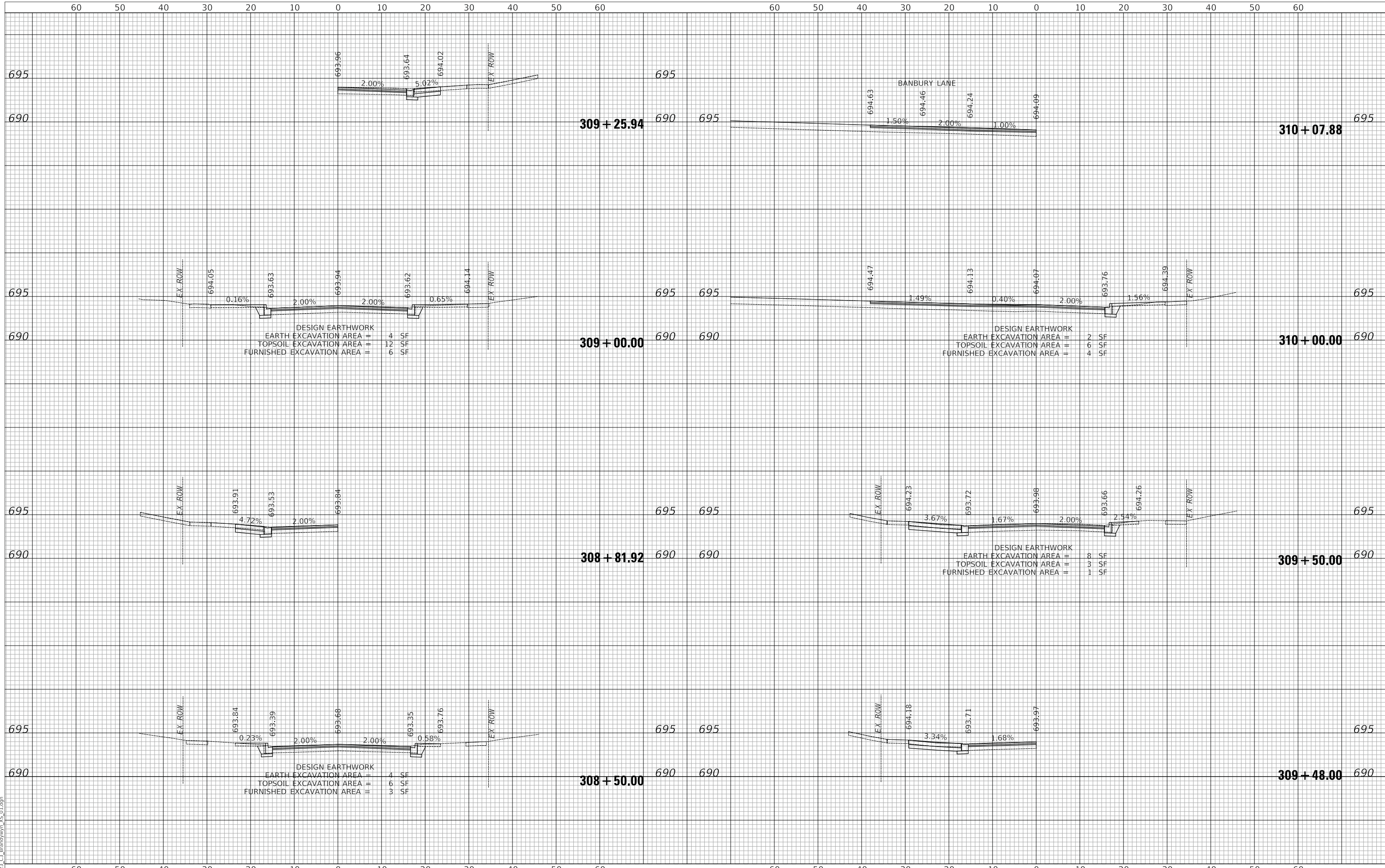
CROSS SECTIONS - BRANDYWYN LANE

SHEET 17 OF 24 SHEETS STA 306+50.00 TO STA 308+27.15

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756	16-00106-03-RS	LAKE	122	115
4801				
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
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	NO.	

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



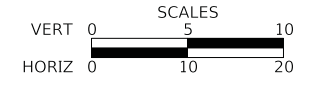
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CHECKED -	KRK	REVISED -
DATE -	11/3/2021	REVISED -

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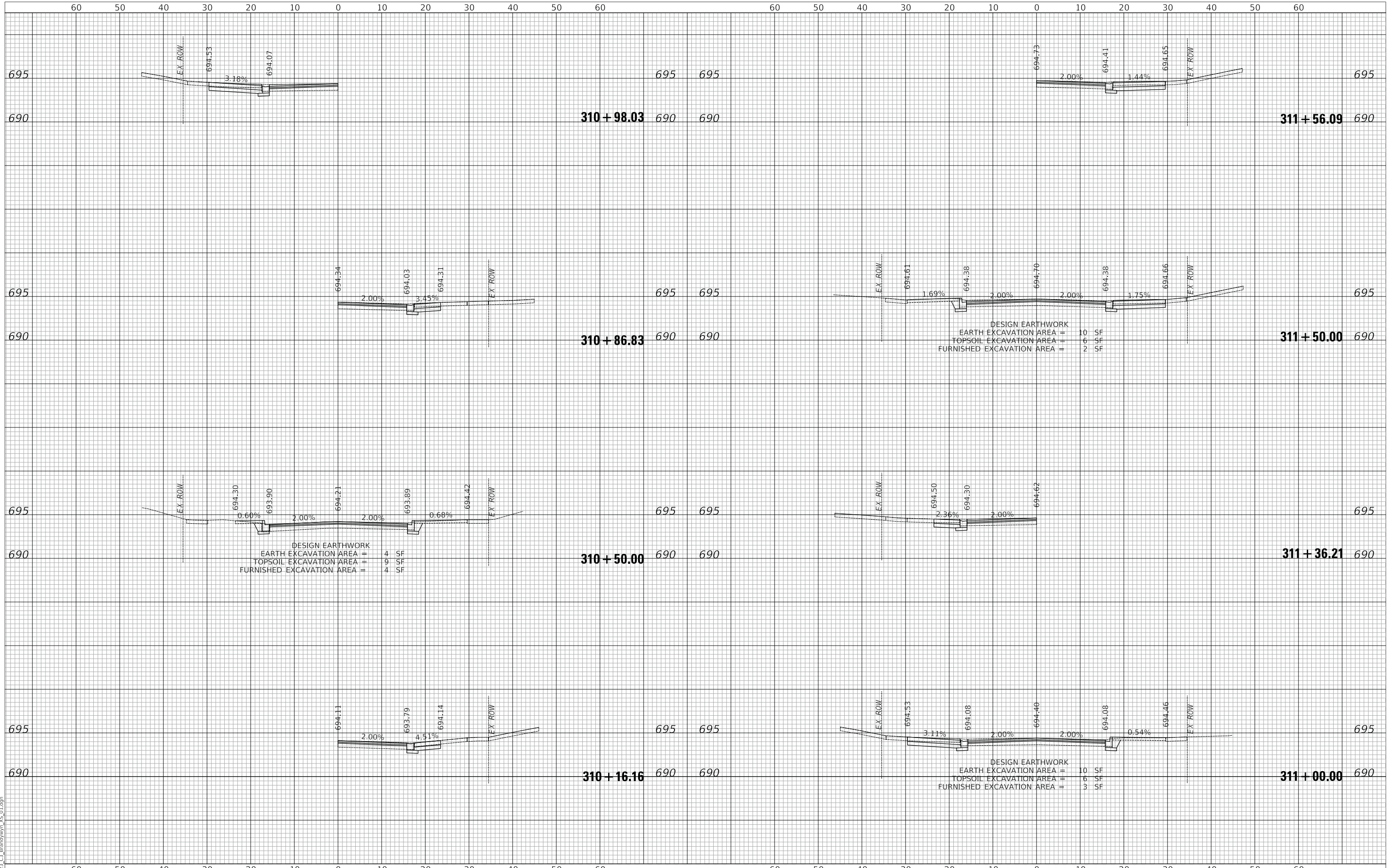


**CROSS SECTIONS - BRANDYWYN LANE**  
 SHEET 18 OF 24 SHEETS STA 308+50.00 TO STA 310+07.88

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756	16-00106-03-RS	LAKE	122	116
4801				
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

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

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



DESIGN EARTHWORK  
 EARTH EXCAVATION AREA = 10 SF  
 TOPSOIL EXCAVATION AREA = 6 SF  
 FURNISHED EXCAVATION AREA = 2 SF

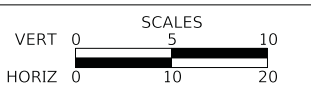
DESIGN EARTHWORK  
 EARTH EXCAVATION AREA = 4 SF  
 TOPSOIL EXCAVATION AREA = 9 SF  
 FURNISHED EXCAVATION AREA = 4 SF

DESIGN EARTHWORK  
 EARTH EXCAVATION AREA = 10 SF  
 TOPSOIL EXCAVATION AREA = 6 SF  
 FURNISHED EXCAVATION AREA = 3 SF

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CHECKED - KRK	REVISED -
DATE - 11/3/2021	REVISED -

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**CROSS SECTIONS - BRANDYWYN LANE**

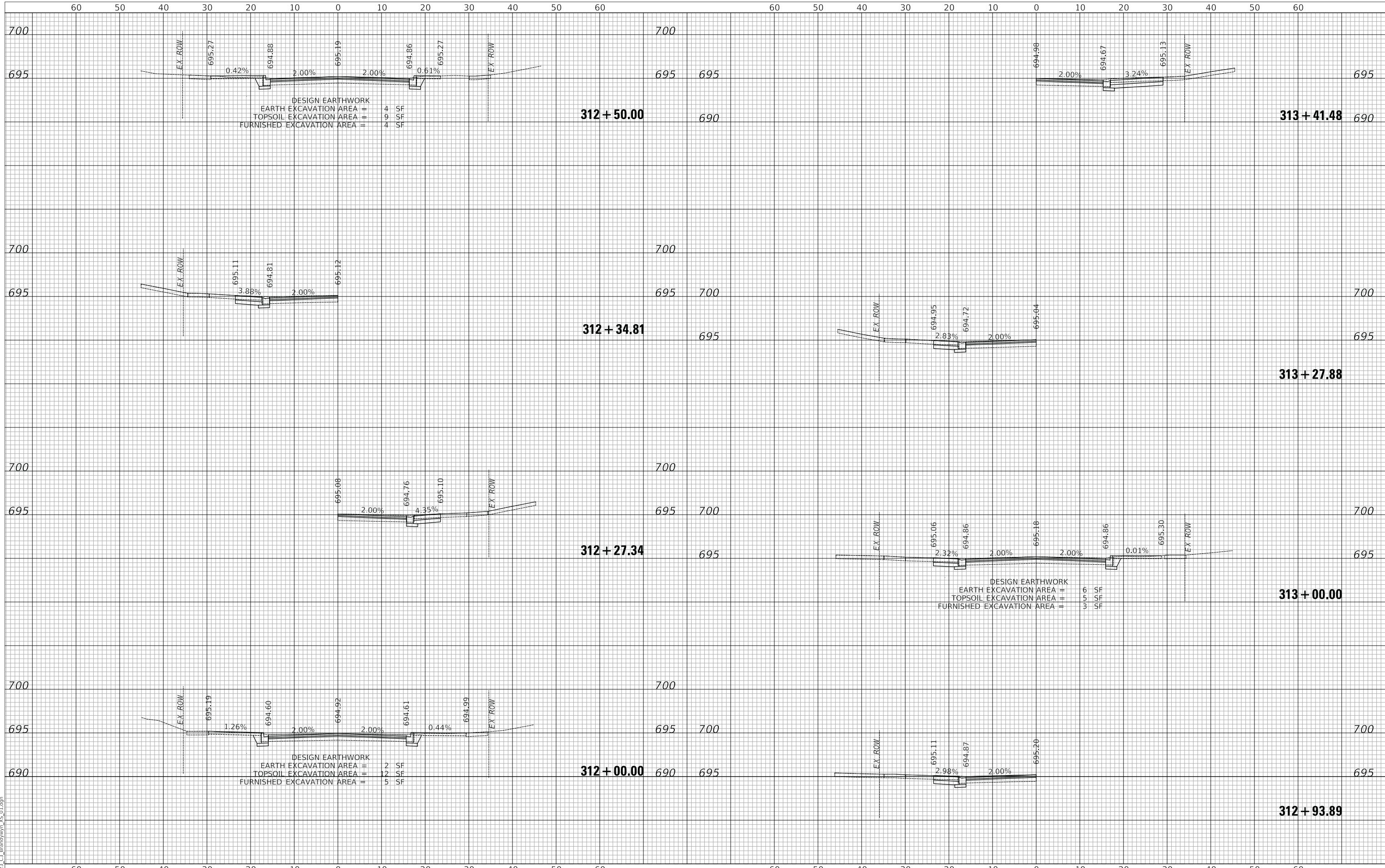
SHEET 19 OF 24 SHEETS STA 310+16.16 TO STA 311+56.09

MUN RTE 4756 4801	SECTION 16-00106-03-R5	COUNTY LAKE	TOTAL SHEETS 122	SHEET NO 117
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

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

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



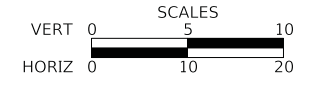
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DATE - 11/3/2021	REVISED -

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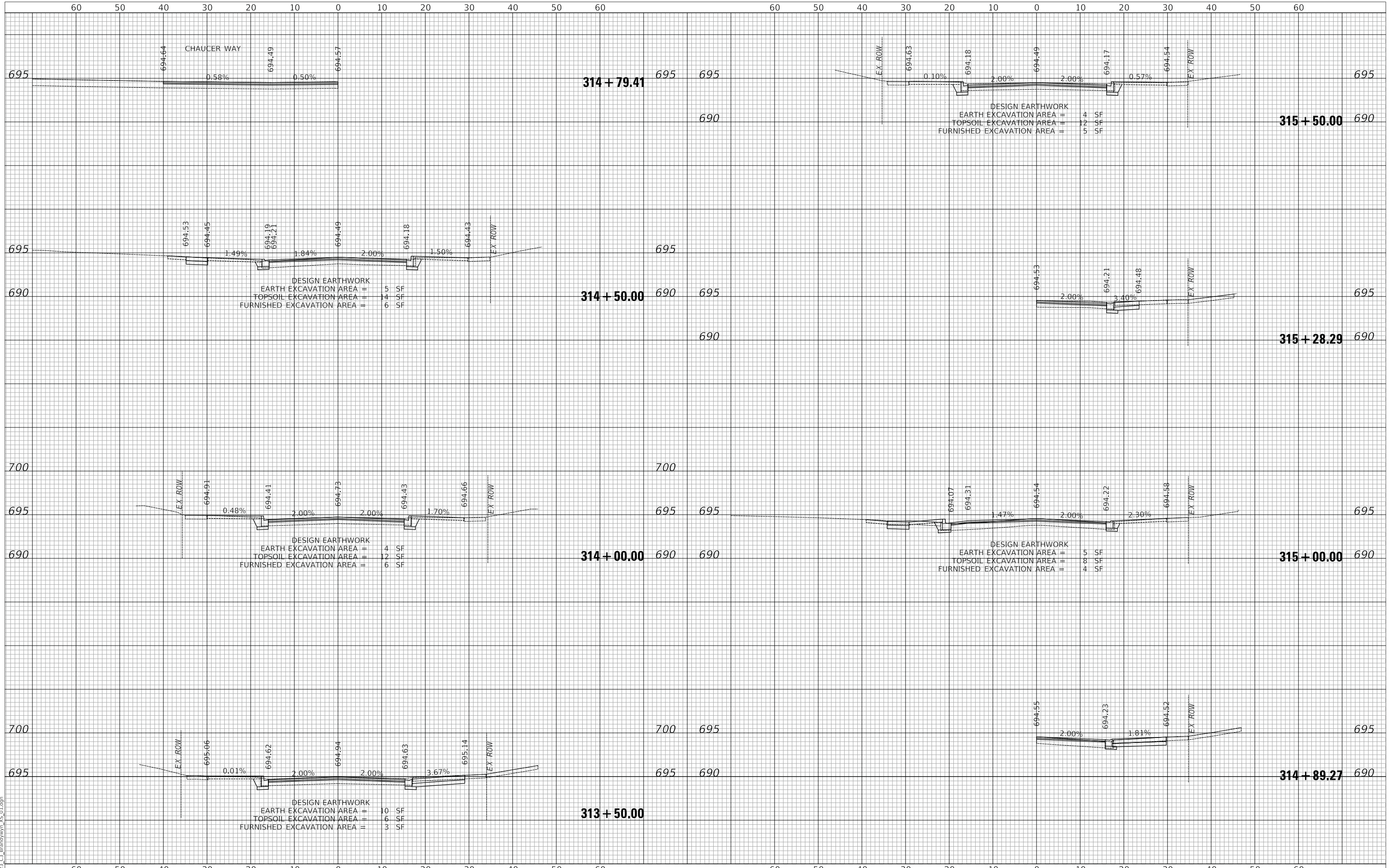


**CROSS SECTIONS - BRANDYWYN LANE**  
SHEET 20 OF 24 SHEETS  
STA 312+00.00 TO STA 313+41.48

MUN RTE 4756 4801	SECTION 16-00106-03-RS	COUNTY LAKE	TOTAL SHEETS 122	SHEET NO 118
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
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	CHECKED	
	FILE NAME	
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PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATION	
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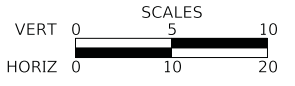
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DATE	-	11/3/2021	REVISED	-

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**CROSS SECTIONS - BRANDYWYN LANE**

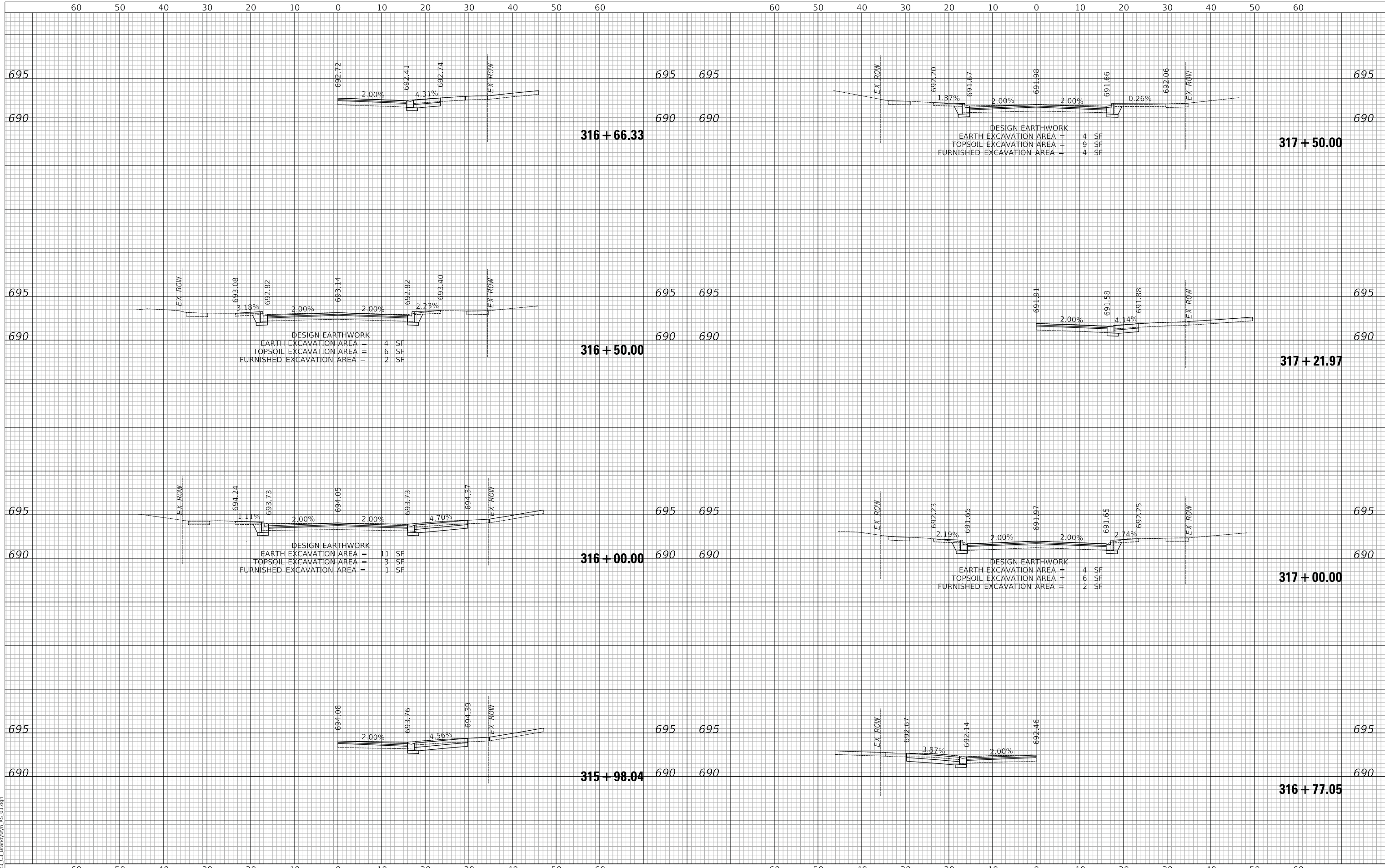
SHEET 21 OF 24 SHEETS  
 STA 313+50.00 TO STA 315+50.00

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-RS	LAKE	122	119
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				



PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATION	
	NO.	



DESIGN EARTHWORK  
 EARTH EXCAVATION AREA = 4 SF  
 TOPSOIL EXCAVATION AREA = 6 SF  
 FURNISHED EXCAVATION AREA = 2 SF

DESIGN EARTHWORK  
 EARTH EXCAVATION AREA = 4 SF  
 TOPSOIL EXCAVATION AREA = 9 SF  
 FURNISHED EXCAVATION AREA = 4 SF

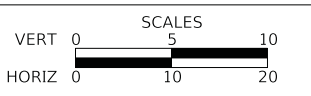
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 EARTH EXCAVATION AREA = 11 SF  
 TOPSOIL EXCAVATION AREA = 3 SF  
 FURNISHED EXCAVATION AREA = 1 SF

DESIGN EARTHWORK  
 EARTH EXCAVATION AREA = 4 SF  
 TOPSOIL EXCAVATION AREA = 6 SF  
 FURNISHED EXCAVATION AREA = 2 SF

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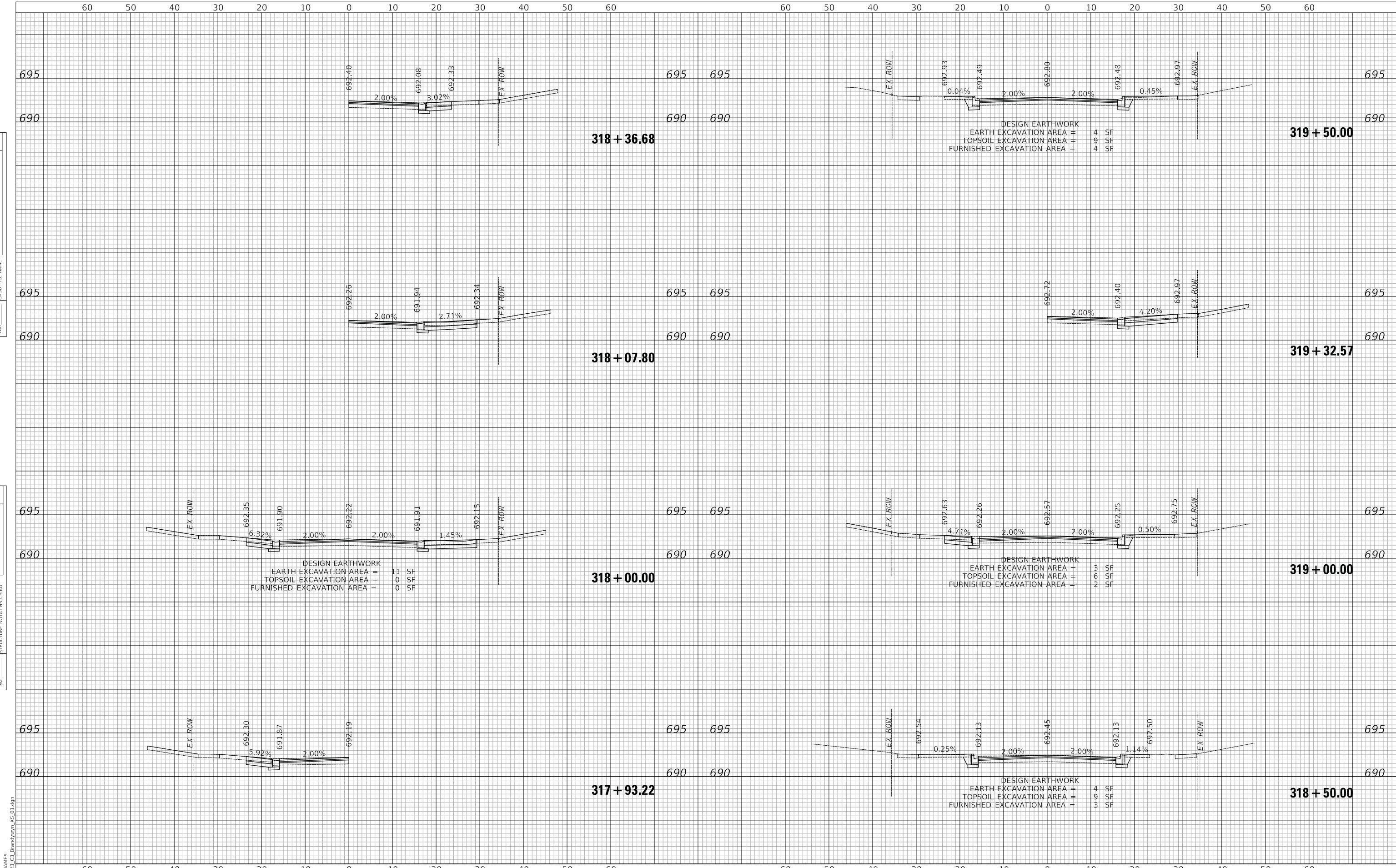
**CROSS SECTIONS - BRANDYWYN LANE**  
 SHEET 22 OF 24 SHEETS  
 STA 315+98.04 TO STA 317+50.00

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756	16-00106-03-RS	LAKE	122	120
4801				
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

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PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	ALIGNMENT CHECKED	
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PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
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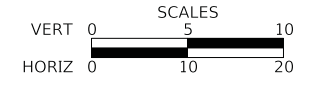
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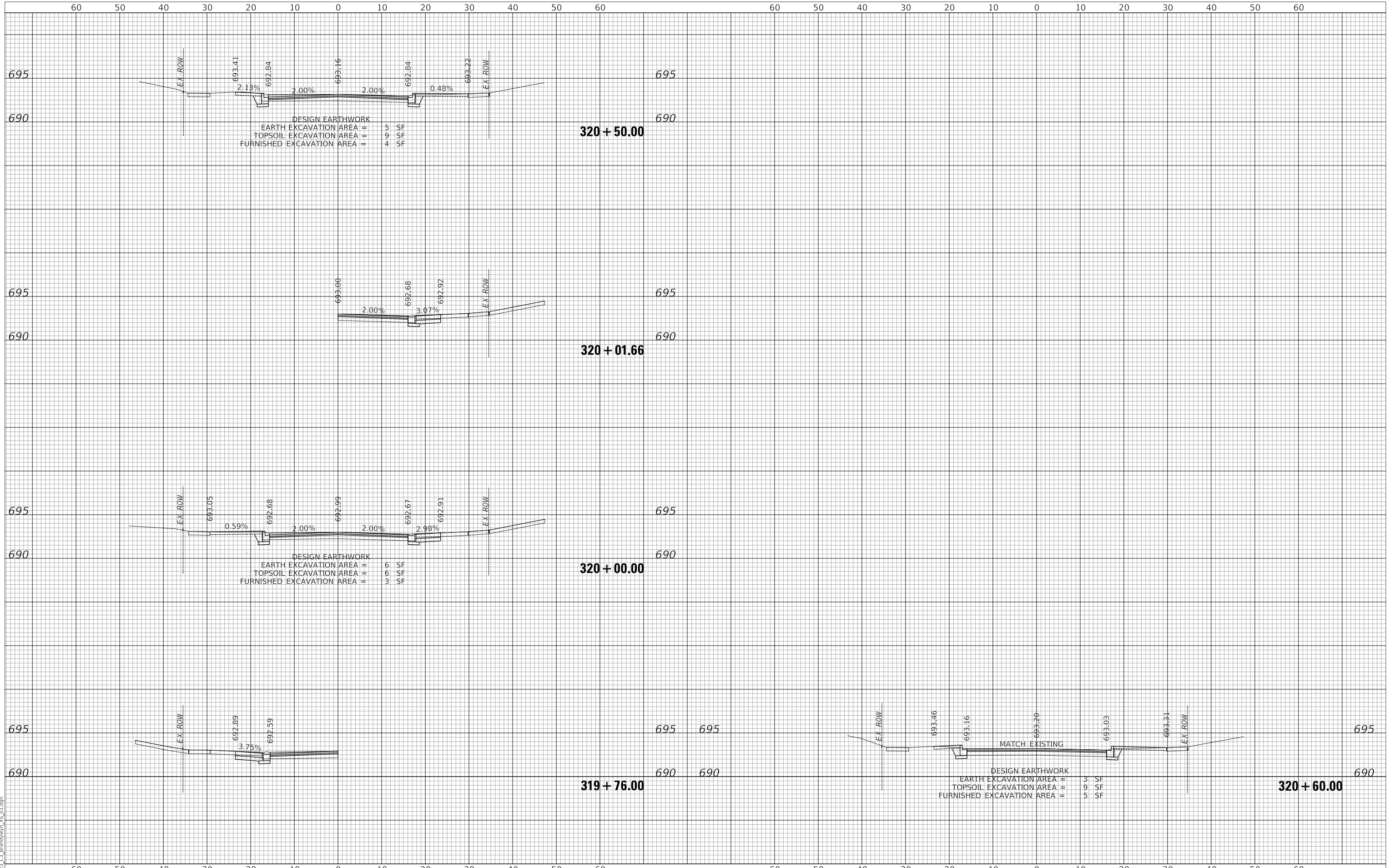
CROSS SECTIONS - BRANDYWYN LANE

SHEET 23 OF 24 SHEETS STA 317+93.22 TO STA 319+50.00

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-RS	LAKE	122	121
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				

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

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



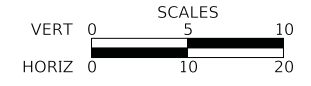
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DATE	-	11/3/2021	REVISED	-

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**CROSS SECTIONS - BRANDYWYN LANE**  
SHEET 24 OF 24 SHEETS STA 319+76.00 TO STA 320+60.00

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4756 4801	16-00106-03-RS	LAKE	122	122
CONTRACT NO 61H45				
ILLINOIS FED AID PROJECT				