

IL ROUTE 251 STREETScape IMPROVEMENTS

RIVER LANE TO E. RIVERSIDE BLVD. STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PLANS FOR LOCAL AGENCY IMPROVEMENT

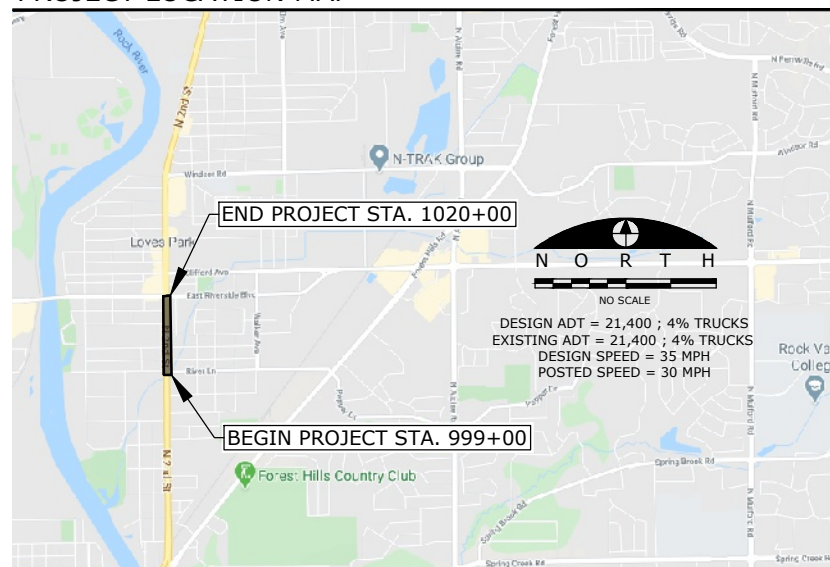
CITY OF LOVES PARK FAP 303 (IL ROUTE 251) SECTION 21-00078-01-SW JOB NO. C-92-016-22 ITEP NO. 243010 ADT 21,400



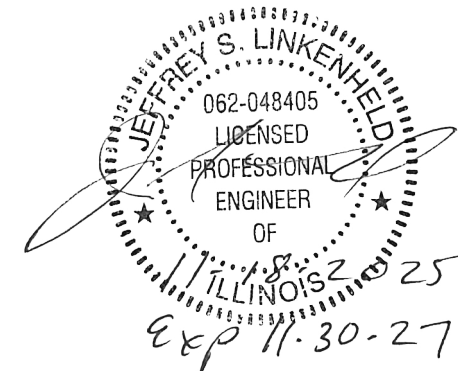
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PROJECT LOCATION MAP



CONTRACT # 85769



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UTILITY OFFICIALS

ELECTRIC: COM ED 123 ENERGY DRIVE ROCKFORD, IL 61109 (815) 490-2335	WATER DEPARTMENT: CRAIG McDONALD CITY OF LOVES PARK 5440 WALKER AVE. LOVES PARK, IL 61111 (815) 654-5005	FIBER OPTIC: IFIBER 3100 N. SYCAMORE RD DEKALB, IL 60115 (815) 753-6075
CABLE TELEVISION: COMCAST 4450 KISHWAUKEE STREET ROCKFORD, IL 61101 (815) 395-8977	TELEPHONE: AT&T MIDWEST 2404 8TH AVENUE ROCKFORD, IL 61108 (630) 639-8372	
GAS: NICOR GAS 1844 FERRY ROAD NAPERVILLE, IL 60563 (708) 878-1242	SEWER DISTRICT: CHRISTOPHER BAER FOUR RIVERS SANITATION AUTHORITY 3501 KISHWAUKEE STREET ROCKFORD, IL (815) 387-7660	



PREPARED FOR



AGENCY RESPONSIBLE FOR LETTING

AUTHORIZED	DATE: 11/19/25
SIGNATURE: <i>Gregory R. Jury</i>	GREG JURY, MAYOR CITY OF LOVES PARK
PASSED	DATE: December 22, 2025
SIGNATURE: <i>John J. C... ..</i>	DISTRICT 2 ENGINEER OF LOCAL ROADS & STREETS
RELEASING FOR BID BASED ON LIMITED REVIEW	DATE: 12/22/25
SIGNATURE: <i>Julia Thompson</i>	DEPUTY DIRECTOR OF HIGHWAYS, REGION 2 ENGINEER

FILE NAME
g:\projects\19117 n 2nd street
streetscape
improvement\dwg\engineering
plans\itep (river in to windsor)\08
cover.dwg

USER NAME = Bill Clasen	DESIGNED - WJC	REVISED - ----
PLOT SCALE =	DRAWN - RMG	REVISED - ----
PLOT DATE = 11-18-2025	CHECKED - JSL	REVISED - ----
	DATE - 11-18-2025	REVISED - ----



CIVIL ENGINEERING & LAND SURVEYING
5291 Zenith Pkwy.
Loves Park, IL 61111
(815) 484-4300
www.arcdesign.com

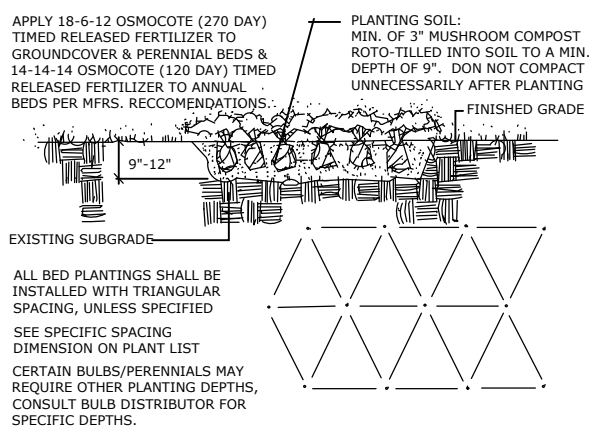
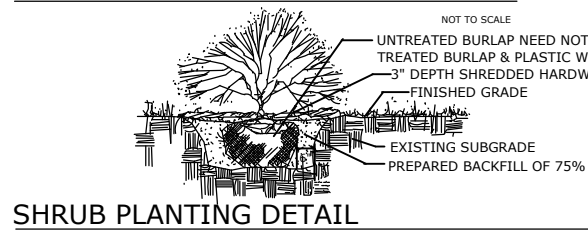
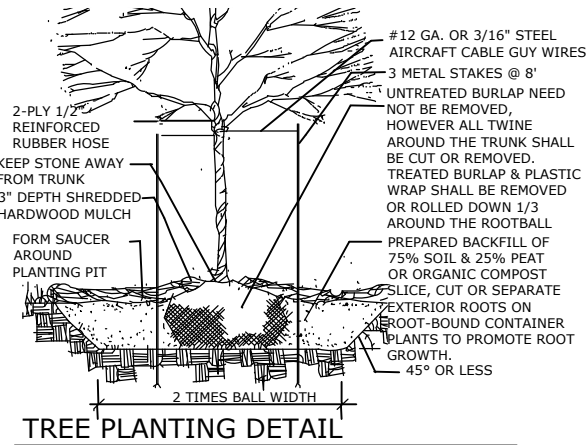
COVER SHEET

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	1
ILLINOIS FED. AID PROJECT				

PLANTING NOTES

- LANDSCAPE CONTRACTOR (CONTRACTOR) SHALL MAKE A SITE VISIT PRIOR TO BIDDING/CONSTRUCTION TO INSPECT THE CURRENT SITE CONDITIONS AND REVIEW PROPOSED PLANTING PLAN AND RELATED WORK. CONTRACTOR SHALL REPORT ANY DISCREPANCIES IN THE FIELD TO THE LANDSCAPE ARCHITECT AND/OR OWNER.
- CONTRACTOR SHALL VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION ON HIS PHASE OF WORK. ELECTRIC, GAS, TELEPHONE, AND CABLE TELEVISION CAN BE LOCATED BY CALLING J.U.L.I.E. AT '811'. FOR REGIONAL LOCATING, CONTACT "DIGGER'S HOTLINE". ANY DAMAGE OR INTERRUPTION OF SERVICES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR TO COORDINATE ALL RELATED ACTIVITIES WITH OTHER TRADES ON THE JOB AND SHALL REPORT ANY UNACCEPTABLE JOB CONDITIONS TO OWNER'S REPRESENTATIVE PRIOR TO COMMENCING WORK.
- CONTRACTOR IS RESPONSIBLE FOR APPLICATION AND COST OF ALL NECESSARY BUILDING PERMITS AND CODE VERIFICATIONS. SUBMIT COPIES OF ALL DOCUMENTS TO OWNER AND LANDSCAPE ARCHITECT.
- CONTRACTOR SHALL GRADE ENTIRE SITE TO CORRECT SURFACE IRREGULARITIES IN PREPARATION FOR SOD/SEED. ROTO-TILL DISC, DRAG, HARROW OR HAND RAKE SUB GRADE IN ALL LAWN AREAS AND REMOVE CONSTRUCTION DEBRIS, FOREIGN MATTER OR STONES LARGER THAN 2". GRADING SHALL PROVIDE SLOPES WHICH ARE SMOOTH, CONTINUOUS, FREE FROM DEPRESSIONS OR RIDGES. LEVEL, RAKE AND ROLL AS NECESSARY TO AN EVEN AND TRUE CONDITION AND OBTAIN POSITIVE DRAINAGE IN ALL AREAS. FINISH GRADES SHALL MEET THE APPROVAL OF OWNER PRIOR TO LAWN INSTALLATION.
- ALL DISTURBED AREAS SHOULD BE BROUGHT TO GRADE WITH "TOPSOIL" TO A DEPTH OF 6 INCHES IN AREAS TO BE SEEDED OR SODDED, AND 12 INCHES FOR ALL INTERIOR (CURBED) LANDSCAPE ISLANDS. ALL LAWN AREAS ARE TO BE FINISHED WITH MULCH, STRAW MULCH, SEED, SOD, ETC. OR AS NOTED. ALL LAWN AREAS TO BE WATERED UNTIL A HEALTHY STAND OF GRASS IS ESTABLISHED. (SEE SEED/SOD NOTES FOR ACCEPTANCE DETAILS).
- QUANTITY LISTS ARE SUPPLIED AS A CONVENIENCE; HOWEVER, THE CONTRACTOR SHOULD VERIFY ALL QUANTITIES. THE DRAWINGS SHALL TAKE PRECEDENCE OVER THE LISTS.
- PLANTINGS MAY NEED TO BE ADJUSTED IN THE FIELD TO ACCOMMODATE UTILITIES, EASEMENTS, DRAINAGE WAYS, DOWNSPOUTS, ETC.; HOWEVER, QUANTITIES AND SIZES SHALL REMAIN CONSISTENT WITH THESE PLANS.
- SIZE & GRADING STANDARDS OF PLANT MATERIAL SHALL CONFORM TO THE LATEST EDITION OF ANSI Z60.1 AMERICAN STANDARD OF NURSERY STOCK, BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION. PLANT MATERIAL SHALL BE NURSERY GROWN AND BE EITHER BALLED AND BURLAP OR CONTAINER GROWN.
- ALL PLANT SPECIES SPECIFIED ARE SUBJECT TO AVAILABILITY. MATERIAL SHORTAGES IN THE LANDSCAPE INDUSTRY MAY REQUIRE SUBSTITUTIONS. ALL SUBSTITUTIONS MUST BE APPROVED BY THE LANDSCAPE ARCHITECT AND/OR OWNER.
- ANY PLANT MATERIALS WITH DAMAGED OR CROOKED/DISFIGURED LEADERS, BARK ABRASION, SUN SCALD, INSECT DAMAGE, ETC. ARE NOT ACCEPTABLE AND WILL BE REJECTED BY LANDSCAPE ARCHITECT AND/OR OWNER. TREES WITH MULTIPLE LEADERS WILL BE REJECTED UNLESS CALLED FOR IN THE PLANT LIST AS MULTI-STEM OR CLUMP.
- UPON INSPECTION AND ACCEPTANCE OF ALL LANDSCAPE ITEMS BY LANDSCAPE ARCHITECT AND/OR OWNER THE CONTRACTOR SHALL ASSUME MAINTENANCE RESPONSIBILITIES FOR A PERIOD OF THIRTY (30) DAYS, FOR ALL PLANT MATERIAL, TO INCLUDE: WATERING, CULTIVATING, WEEDING, PRUNING, MULCHING AND SPRAYING AS NECESSARY TO KEEP PLANTS FREE OF INSECTS AND IN A HEALTHY, VIGOROUS CONDITION UNTIL RESPONSIBILITY IS TRANSFERRED TO THE OWNER (SEE BELOW).
- ALL PLANTING BEDS AND TREE SAUCERS SHALL BE MULCHED CONTINUOUS WITH 3" DEPTH SHREDDED HARDWOOD MULCH, SEE PLANTING DETAILS. ALL DECIDUOUS TREES (SHADE / ORNAMENTAL) THAT ARE NOT LOCATED IN A PLANTING BED SHALL BE MULCHED WITH A 3'-0" DIAMETER CIRCLE. EVERGREEN TREES SHALL BE MULCHED TO OUTER-MOST BRANCHES AT THE TIME OF INSTALLATION.
- PLANTING EDGE DELINEATION AT ALL PLANTING BED LINES AND TREE SAUCERS SHALL REQUIRE A MINIMUM 4" DEPTH "VEE" SHAPED CULTIVATED, SPADED EDGE WITH A VERTICAL FACE ABUTTING ALL LAWN AREAS AND SLOPED TO INSIDE OF PLANT BED CONTINUOUS BETWEEN LAWN AND MULCHED AREAS AS INDICATED ON PLAN.
- CONTRACTOR TO SOD ALL DISTURBED LAWN AREAS. SOD LAWN TO BE A COMBINATION OF BLUEGRASS, PERENNIAL RYE AND RED FESCUE WITH THE SUGGESTED FOLLOWING ANALYSIS BY WEIGHT: 30% RUGBY KENTUCKY BLUEGRASS, 20% PARK KENTUCKY BLUEGRASS, 20% CREEPING RED FESCUE, 20% SCALDIS HARD FESCUE, AND 10% PERENNIAL RYEGRASS. SOD TO BE SOURCED WITHIN A 100 MILE RADIUS OF THE PROJECT SITE. INSTALL PER METHOD 1, SECTION 251, OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- ALL SOD OR SEEDED TURF AREAS SHALL BE FERTILIZED AT INSTALLATION WITH 6-20-20 ANALYSIS, AT A RATE OF 6 LBS. PER 1,000 S.F. A SECOND APPLICATION OF 21-7-14 TO BE APPLIED AT RATE OF 6 LBS. PER 1,000 S.F. AFTER THE FIRST CUTTING. ACCEPTANCE AND GUARANTEE NOTES SHALL APPLY TO ALL SOD AREAS.
- ACCEPTANCE OF GRADING AND SOD SHALL BE BY LANDSCAPE ARCHITECT AND/OR OWNER. CONTRACTOR SHALL ASSUME MAINTENANCE RESPONSIBILITIES FOR A MINIMUM OF SIXTY (60) DAYS OR UNTIL SECOND CUTTING, WHICHEVER IS LONGER. MAINTENANCE SHALL INCLUDE WATERING, WEEDING, RE-SODDING AND OTHER OPERATIONS NECESSARY TO KEEP LAWN IN A THRIVING CONDITION. UPON FINAL ACCEPTANCE, OWNER SHALL ASSUME ALL MAINTENANCE RESPONSIBILITIES. AFTER SIXTY (60) DAYS, LAWN AREAS WHICH FAIL TO SHOW A UNIFORM STAND OF GRASS FOR ANY REASON WHATSOEVER SHALL BE RE-SODDED REPEATEDLY UNTIL ALL AREAS ARE COVERED WITH A SATISFACTORY STAND OF GRASS. MINIMUM ACCEPTANCE OF SODDED LAWN AREAS MAY INCLUDE SCATTERED BARE OR BALD SPOTS, NONE OF WHICH ARE LARGER THAN ONE (1) SQUARE FOOT AND WHEN COMBINED DO NOT EXCEED 2% OF TOTAL LAWN AREA.

- NOTE:
- STAKING OF TREES NOT REQUIRED UNLESS TREE WILL NOT REMAIN PLUMB.
 - TRUNK OF TREE SHALL BE PROTECTED W/ TREE WRAP. SECURE WRAP W/TWINE @ TOP & REMOVE THE NEXT SPRING.
 - DO NOT STAKE INTO ROOTBALL



DISTRICT 2 STANDARDS

- 10.2 INLETS, SPECIAL
- 25.1 ENTRANCE APPROACHES - URBAN AREA
- 32.1 SEWER AND WATER MAIN CROSSING
- 35.4 SIDEWALK AND DRIVEWAY PAVEMENT PAY AREAS

HIGHWAY STANDARDS

- 000001-09 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 420001-11 PAVEMENT JOINTS
- 420111-04 PAVEMENT ROUNDOUTS
- 424001-12 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 424006-06 DIAGONAL CURB RAMPS FOR SIDEWALKS
- 424026-04 ENTRANCE/ALLEY PEDESTRIAN CROSSING
- 602306-03 INLET TYPE B
- 602401-07 PRECAST MANHOLE TYPE A 4' DIAMETER
- 602402-03 PRECAST MANHOLE TYPE A 5' DIAMETER
- 602701-02 MANHOLE STEPS
- 604001-05 FRAME AND LIDS TYPE 1
- 604006-05 FRAME AND GRATE TYPE 3
- 606001-09 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
- 701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 M) AWAY
- 701206-05 LANE CLOSURE, 2L, 2W, NIGHT ONLY, FOR SPEEDS > 45MPH
- 701602-10 URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
- 701606-10 URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MEDIAN
- 701701-10 URBAN LANE CLOSURE, MULTILANE, INTERSECTION
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-11 TRAFFIC CONTROL DEVICES
- 704001-08 TEMPORARY CONCRETE BARRIER
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-04 SIGN PANEL ERECT DETAILS
- 720016-04 MAST ARM MOUNTED STREET NAME SIGNS
- 728001-01 SIGN SUPPORT TELESCOPING STEEL
- 729001-01 APPLICATIONS OF TYPES A & B METAL POSTS
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 805001-01 ELECTRICAL SERVICE INSTALLATION DETAILS
- 814001-03 HANDHOLES
- 821101-03 LUMINARIE WIRING IN POLE
- 825001-04 LIGHTING CONTROLLER POLE MOUNTED, 240V
- 825011-04 LIGHTING CONTROLLER PEDESTAL MOUNTED, 240V
- 825021-04 LIGHTING CONTROLLER BASE MOUNTED, 240V
- 830016-03 LIGHT POLE STEEL DAVIT ARM
- 836001-05 LIGHT POLE FOUNDATION
- 838001-01 BREAKAWAY DEVICES
- 857001-01 STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
- 862001-01 UNINTERRUPTABLE POWER SUPPLY (UPS)
- 873001-02 TRAFFIC SIGNAL GROUNDING & BONDING
- 876001-04 PEDESTRIAN PUSH BUTTON POST
- 877001-08 STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
- 877011-10 STEEL COMB. MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
- 878001-11 CONCRETE FOUNDATION DETAILS
- 880001-01 SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
- BLR 21-9 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

PAVEMENT DESIGN			
LIFT THICKNESS	2" or 2.5" (SEE PLAN)	3.5" or 4" (SEE PLAN)	VARIABLE
LOCATION AND MIXTURE USE(S):	FULL DEPTH PAVEMENT		TEMP. PAVEMENT
PG:	SBS PG 64-28	P 58-28	P 58-28
DESIGN AIR VOIDS	4.0 @ N70	4.0 @ N70	4.0 @ N70
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 19.0	IL 9.5
FRICTION AGGREGATE	D	N/A	D
20 YEAR ESAL	0.0	0.0	0.0
MIX UNIT WEIGHT	112 LBS/SY/IN	N/A	112 LBS/SY/IN
QUALITY MANAGEMENT PROGRAM TO BE USED	QC/QA	QC/QA	QC/QA
SUBLOT TONNAGE	N/A	N/A	N/A
NUMBER OF ROLLER PASSES	N/A	N/A	N/A

GENERAL NOTES AND CONDITIONS

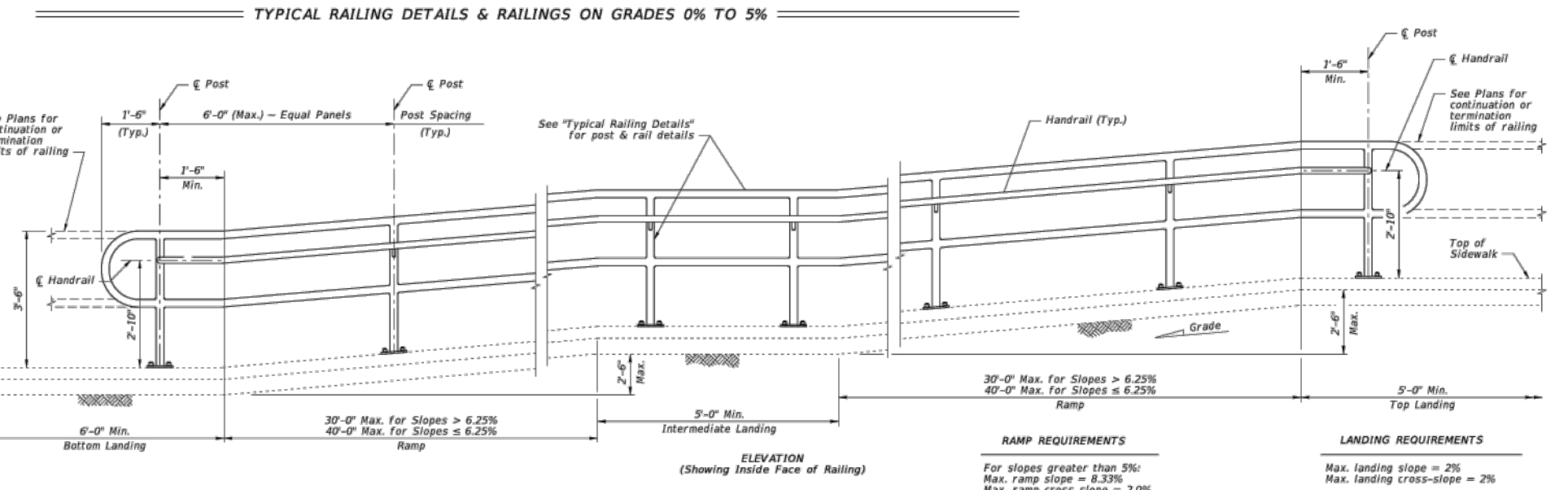
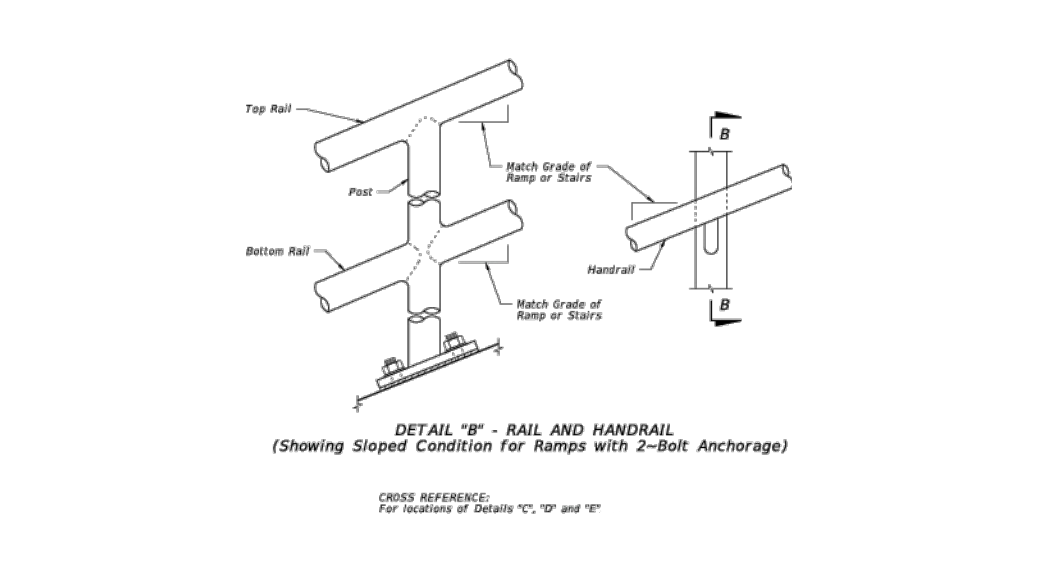
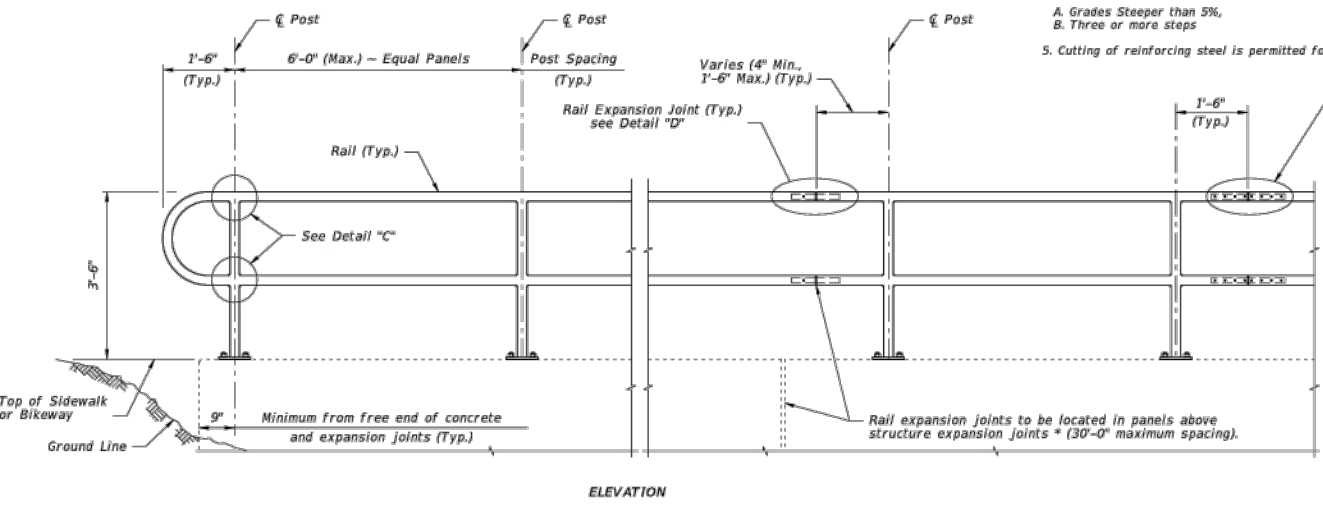
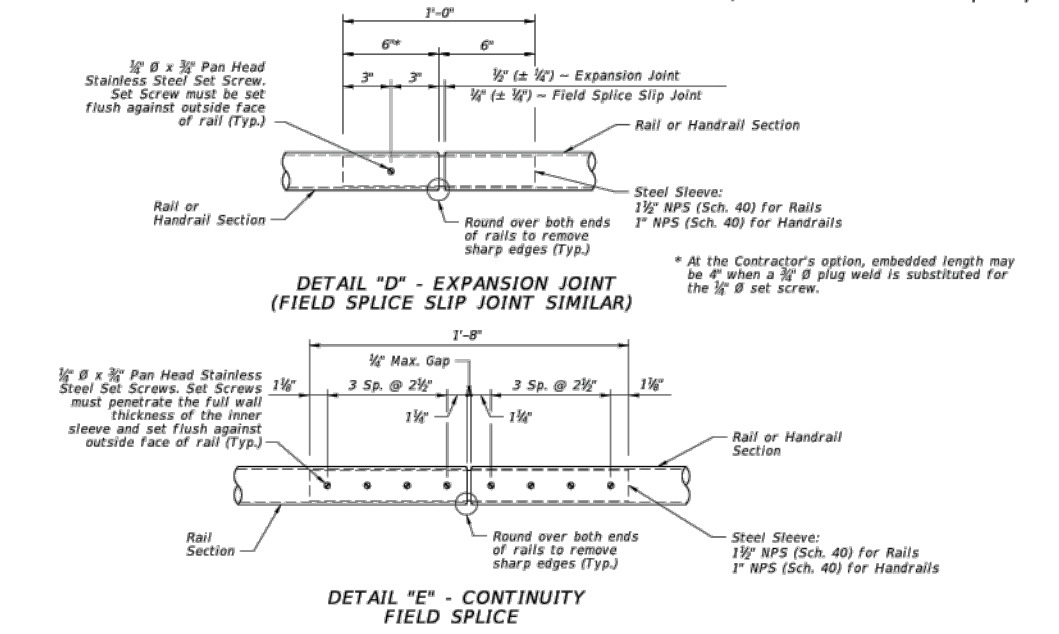
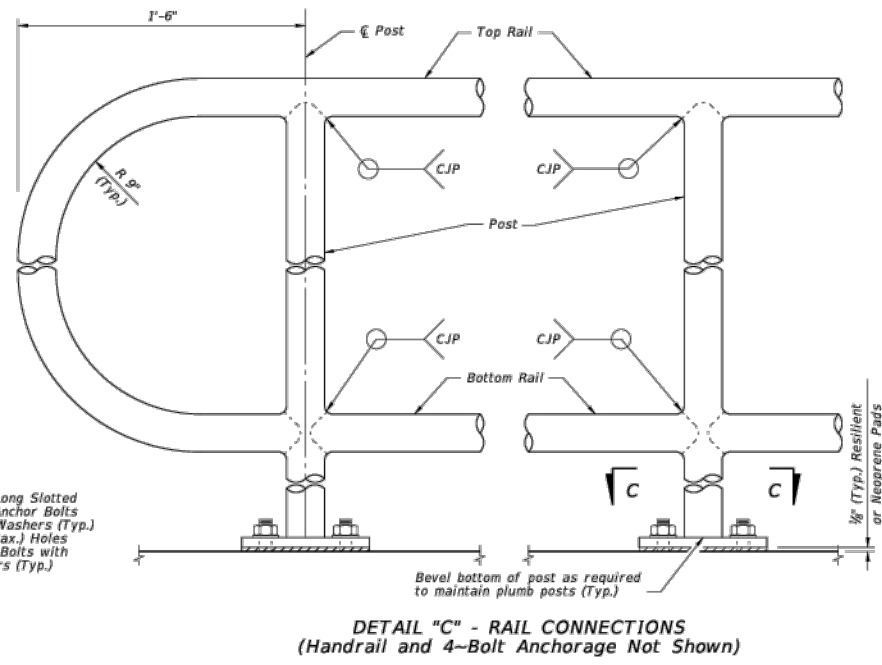
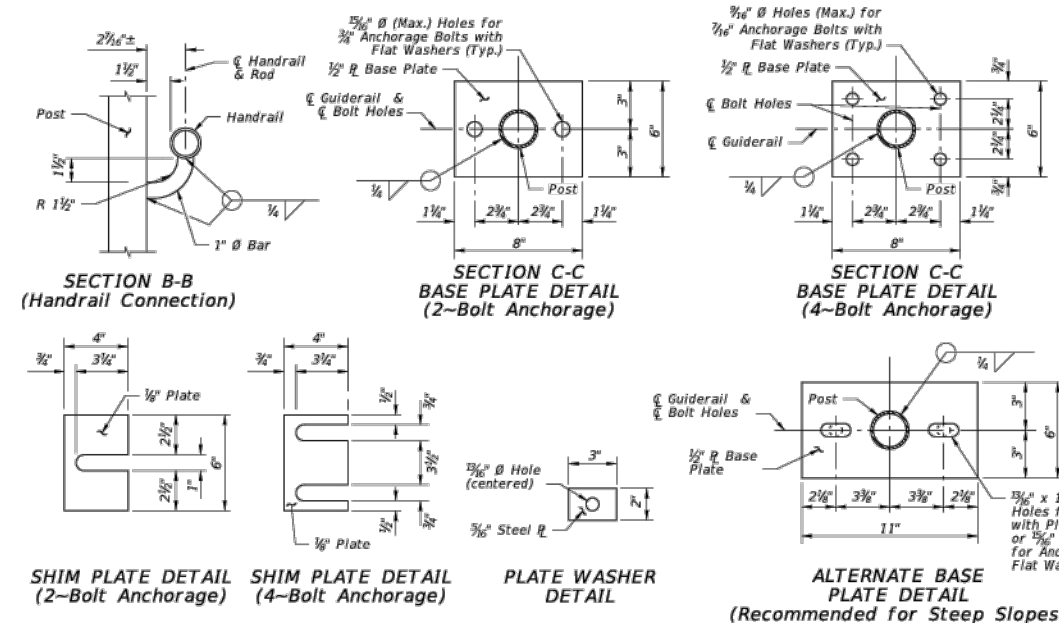
- All earthwork, grading and paving shall be performed in accordance with Standard Specifications for Road and Bridge Construction in Illinois, State of Illinois Department of Transportation, (current edition), the "Supplemental Specifications and Recurring Special Provision" (current edition), and all revisions and supplements thereto, and the requirements and specifications of the County of Winnebago and/or City of Loves Park (where applicable).
- Notify the following at least 48 hours prior to start of construction:
 - City of Loves Park Dept. of Public Works - (815) 654-5040
 - Arc Design Resources, Inc. - (815) 484-4300
- The Contractor shall be responsible for protecting utility property during construction operations as outlined in Article 107.39 of the Standard Specifications. The J.U.L.I.E. number is 800-892-0123. A minimum of 48 hours advance notice is required for non-emergency work. The contractor shall give similar notice to the City of Loves Park for locates of IDOT facilities.
- The Contractor shall contact the City of Loves Park Department of Public Works Water Division for all water main shutoffs required due to construction operations. The Contractor shall not operate any valves or shutoffs without prior notification.
- If during paving or grading operations the existing mailboxes or street signs, which are to remain in place, become a hindrance, the Contractor shall be required to carefully remove and reinstall them and shall be included in the cost of the contract per section 107.20 of the Standard Specifications for Road and Bridge Construction in Illinois, State of Illinois Department of Transportation, (current edition).
- All elevations are U.S.G.S. Datum.
- Cut or fill slopes shall have a maximum ratio of four horizontal to one vertical (4:1) unless noted otherwise. These slope constraints apply to temporary stock piles as well as finished slope conditions.
- The Contractor is responsible for maintaining positive drainage at the conclusion of each working day.
- Depressed curb shall be provided for handicapped ramps at all sidewalks abutting the curb and gutter and for future sidewalk locations. Follow IDOT ramp standards.
- Embankment will not be measured for payment and shall be included in the Earth Excavation cost.
- The removal of bituminous surfacing not on a rigid type base removed in conjunction with the base shall be removed as earth excavation. The removal of bituminous surfacing on a rigid type base removed in conjunction with the base shall be included in the contract unit price for pavement removal of the type specified.
- Placement and compaction of the backfill for proposed across road culverts and existing across road culverts that are removed shall conform to Section 502.10 of the standard specifications, except that the material shall conform to Article 208.02 of the standard specifications, and shall be compacted to a minimum of 95% of the standard laboratory density. Any material conforming to the requirement of Article 1003.04 or 1004.05 which has been excavated from the trenches shall be used for backfilling the trenches. The entire excavation, within 2 feet outside of each curb or pavement shall be backfilled with trench backfill material to the bottom of the proposed subgrade.
- Except for the top 3", all aggregate bases and subbases 12" in thickness shall be constructed of aggregate gradation CA-2. If the specified thickness exceeds 12", the bases or subbases shall be constructed of topsize 6" breaker-run crushed stone with 70% to 90% by weight, passing the 4" sieve and 15% to 40% by weight, passing the 2" size sieve, except for the top 3". The breaker-run crushed stone shall be reasonably uniformly graded from coarse to fine and be taken from a quarry ledge capable of producing Class "D" quality aggregate. The top 3" shall be gradation CA-6 or CA 10 regardless of thickness. The water necessary to achieve compaction in all but the top 3" layer may be added after the subbase or base course is placed on the grade.
- All embankment constructed of cohesive soil shall be constructed with not more than 110% of optimum moisture content, determined by the standard proctor test. Cohesive soil shall be defined as any soil which contains greater than 10% particles by weight passing the #200 sieve. The 110% of optimum moisture limit may be waived in free-draining granular material when approved by the Engineer. Recycled HMA product that has been refined to these specifications will be allowed in the construction.
- All frames and grates of drainage structures to be removed or filled shall be carefully salvaged and shall remain the property of the contractor.
- The contractor shall determine flow lines of existing sewer lines which are shown on the plans as estimated or unknown. This information is necessary before ordering inlets and manholes.
- Pavement marking shall be done according to standard 780001, except as follows:
 - All words, such as "ONLY", shall be 8 feet high.
 - All non-freeway arrows shall be the large size.
- Except as noted on the plans, pavement grades shown are at the top of pavement surfaces.
- The work required to connect any sewer to an existing drainage structure or pipe will not be paid for separately, but shall be considered as included in the contract unit price bid for the sewer item.
- Seeding shall not be permitted at any time when the ground is frozen, wet, or in an untillable condition. Locations to be seeded will be determined by the Engineer.
- Only those trees designated by the Engineer or listed in the tree removal schedule shall be removed. The contractor shall protect all remaining trees from damage due to his operations.
- Abandoned underground utilities that conflict with construction shall be disposed of outside the limits of the right-of-way according to Article 202.03 of the standard specifications and as directed by the Engineer. This work will not be paid for separately, but shall be included in the cost of earth excavation.
- Any reference to a standard in these plans shall be interpreted to mean the most current edition.
- The following rates of application have been used in calculating plan quantities:

Granular Materials	2.05	TONS / CU YD
Bituminous Mat Prime Coat	0.6779	LB / SY
HMA Resurfacing	112	LBS / SQ YD / IN
Short Term Pavement Marking	10	FT / 100 FT OF APPLICATION
Mix for Cracks, JTS, & FLGWYS	0.0003	TONS / SQ YD
Level Binder (Hand Method)	0.0005	TONS / SQ YD
Supplemental Watering	3	GAL / SQ YD/ APPLICATION
Calcium Chloride	2	LB / SQ YD/ APPLICATION
Temporary Ditch Checks	5	TONS OF AGGREGATE

GENERAL NOTES & STANDARDS

FILE NAME g:\projects\19117 n 2nd street streetscape improvement\dwg\engineering plans\step (river in to windsor)\o8 notes.dwg	USER NAME = Bill Clasen	DESIGNED - WJC	REVISED - ----		CIVIL ENGINEERING & LAND SURVEYING 5291 Zenith Pkwy. Loves Park, IL 61111 (815) 484-4300 www.arcdesign.com	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE=1/4"	CHECKED - JSL	REVISED - ----			303	21-00078-01-SW	WINNEBAGO	85	2	
	PLOT DATE = 11-18-2025	DATE - 11-18-2025	REVISED - ----			CONTRACT #85769					
ILLINOIS FED. AID PROJECT											

HANDRAIL STANDARD DETAIL



NOTES:

- Shop Drawings are required, refer to Specification Section 515.
- Materials:
 - A. Pan Head Set Screws: Stainless Steel (SS) Type 316 or 18-8 Alloy.
 - B. Base Plates and Cap Plates: ASTM A36 or ASTM A709 Grade 36
 - C. Pipe Rails and Posts: ASTM A53 Grade B for standard weight pipe and ASTM A500 Grade B, C or D or ASTM A501 for Structural Tube.
- Fabrication:
 - A. Place expansion joints at a maximum of 30'-0" spacing.
 - B. Field splices are similar to the expansion joint detail and may be approved by the Engineer to facilitate handling; but top rail must be continuous across a minimum of two posts.
 - C. Continuity field splice (Detail "E") only use to make the railing continuous for unforeseen field adjustments
 - D. Corners and changes in tangential longitudinal alignment may be made continuous with a 9" bend radius or terminated at adjoining sections with a standard end hoop when handrails are not required.
 - E. For curved longitudinal alignments, shop bend the top and bottom rails and handrails to match the alignment radius.
 - F. For changes in tangential longitudinal alignment greater than 45°, position posts a maximum of 2'-0" each side of the corner, not at the corner apex.
- Handrails are required and must be continuous at landings for:
 - A. Grades Steeper than 5%,
 - B. Three or more steps
- Cutting of reinforcing steel is permitted for adhesive anchor bolt installations.

RAILING MEMBER DIMENSIONS TABLE

MEMBER	DESIGNATION	OUTSIDE DIMENSION	WALL THICKNESS
Posts	2" NPS (Sch. 40)	2.375"	0.154"
Rails	2" NPS (Sch. 40)	2.375"	0.154"
Rail Joint/Splice Sleeves	1 1/2" NPS (Sch. 40)	1.900"	0.145"
Handrails Joint/Splice Sleeves	1" NPS (Sch. 40)	1.315"	0.125"
Handrails	1 1/2" NPS (Sch. 40)	1.900"	0.145"
Handrail Support Bar	1" Ø Round Bar	1.000"	N/A

Handrail Support Bars: ASTM A36

Galvanized Steel Fasteners:

- a. Hex Head Bolts: ASTM A307 Type 1 or ASTM F1554 Grade 36
- b. Adhesive Anchors: ASTM F1554 Grade 36 fully threaded rods
- c. Hex Nuts: ASTM A563
- d. Flat Washers: ASTM F436
- e. Aluminum Shims: ASTM B209, Alloy 6061
- f. Bearing Pads: Plain, Fabric Reinforced, or Fabric Laminated meeting requirements of Specification Sections 515 and 962 for Ancillary Structures.

NOTES:

NPS = Nominal Pipe Size

STRUCTURES EXPANSION JOINTS NOTE:

* Keyed construction joints in Index 6011 Gravity Wall are not considered to be expansion joints.

CROSS REFERENCE:

For Details "C", "D" and "E", see Sheet 4.

FILE NAME: g:\projects\19117 n 2nd street streetscape improvement\dwg\engineering plans\step (river in to windsor)\notes.dwg

USER NAME = Bill Clasen

DESIGNED - WJC

DRAWN - RMG

CHECKED - JSL

PLOT DATE = 11-18-2025

DATE = 11-18-2025

REVISED - ----

REVISED - ----

REVISED - ----

REVISED - ----

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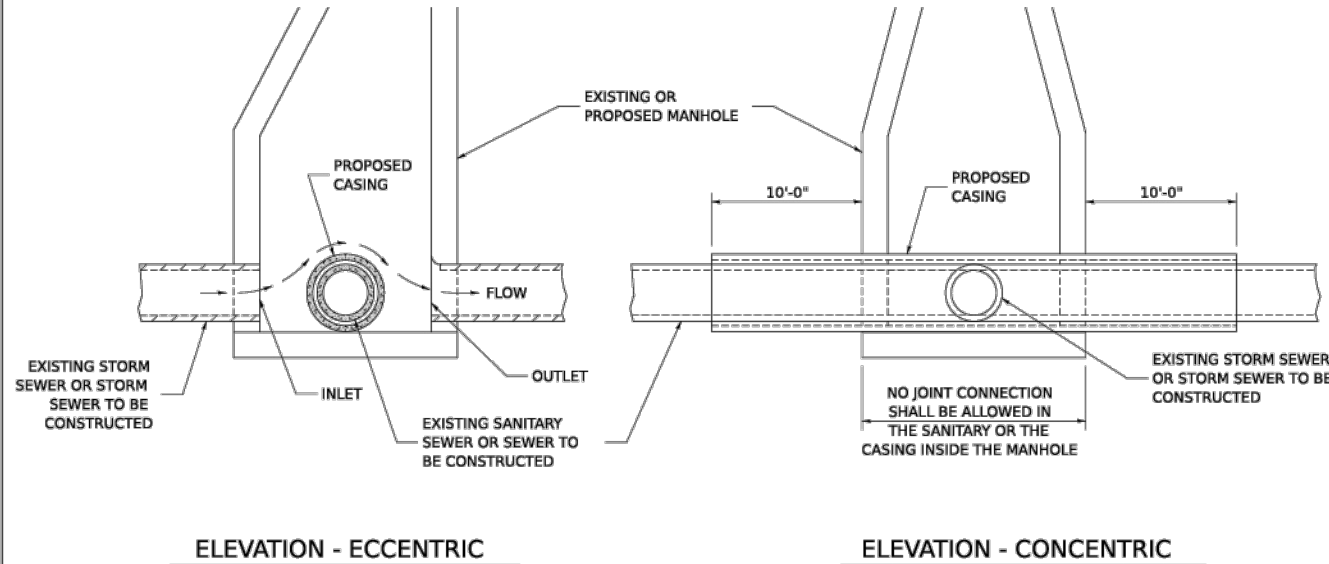
GENERAL NOTES & STANDARDS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	3

CONTRACT #85769

ILLINOIS FED. AID PROJECT

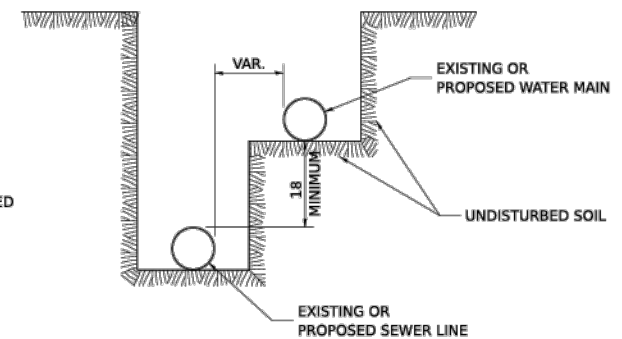
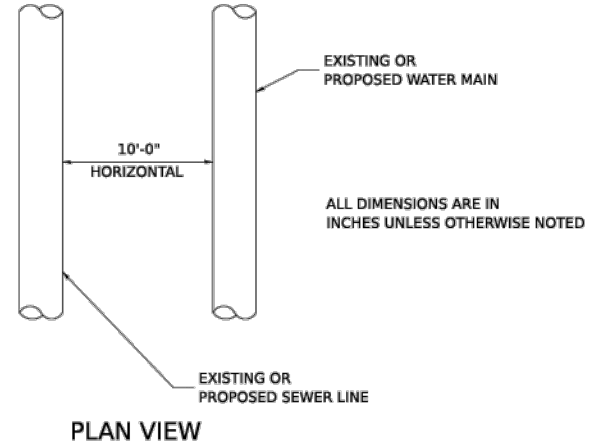
SEWER AND WATER MAIN CROSSINGS



THIS DETAIL IS FOR UNKNOWN UTILITIES UNLESS QUANTITIES ARE INCLUDED IN THE PLANS THE EXTRA WORK WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04.

WHEN PROPOSED SEWER (OR WATER) IS LOCATED 10'-0" OR MORE FROM EXISTING WATER (OR SEWER) NO SPECIAL CONSTRUCTION REQUIRED.

WHEN PROPOSED SEWER (OR WATER) IS LOCATED LESS THAN 10'-0" FROM EXISTING WATER (OR SEWER) DETAILS BELOW SHALL APPLY.

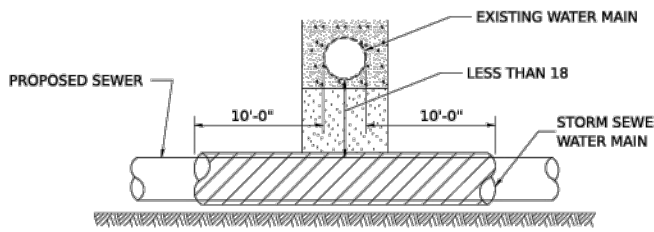


CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 2" LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

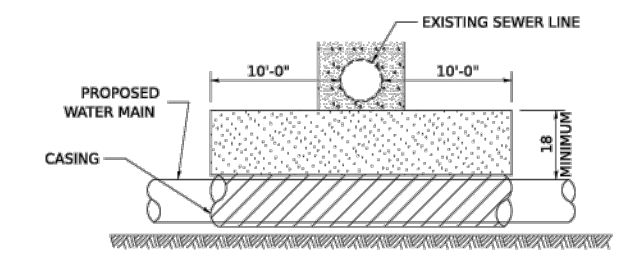
AT GRADE CROSSING OF SANITARY AND STORM SEWER

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

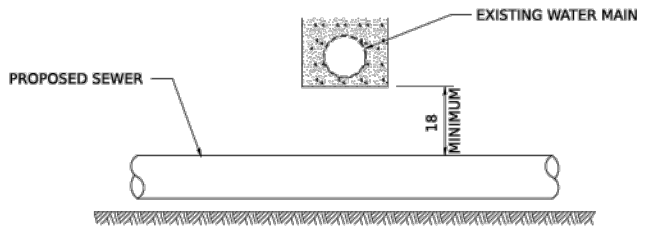
POINT LOADS SHALL NOT BE ALLOWED BETWEEN SEWER OR SEWER CASING AND WATER MAIN
PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH



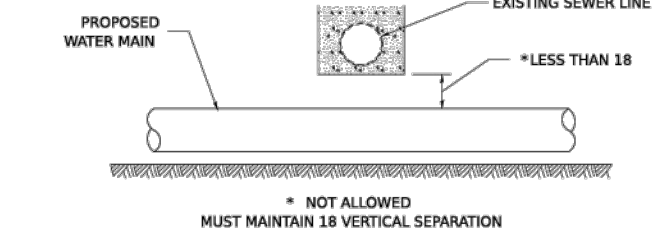
PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT
PLACE TRENCH BACKFILL FOR 10 FT. ON EITHER SIDE OF SEWER LINE



PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH
MAINTAIN 18 MINIMUM VERTICAL SEPARATION FOR 10 FT. HORIZONTALLY



PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH
MAINTAIN 18 MINIMUM VERTICAL SEPARATION FOR 10 FT. HORIZONTALLY



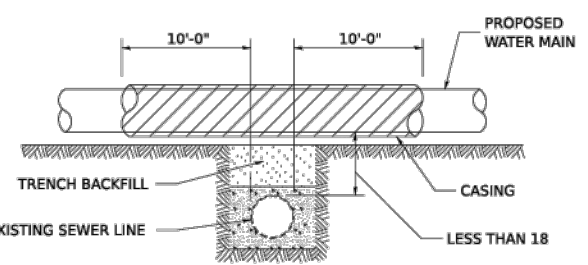
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

PROPOSED SEWER LINE BELOW EXISTING WATER MAIN

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

PROPOSED WATER MAIN BELOW EXISTING SEWER LINE

POINT LOADS SHALL NOT BE ALLOWED BETWEEN WATER MAIN OR WATER MAIN CASING AND SEWER

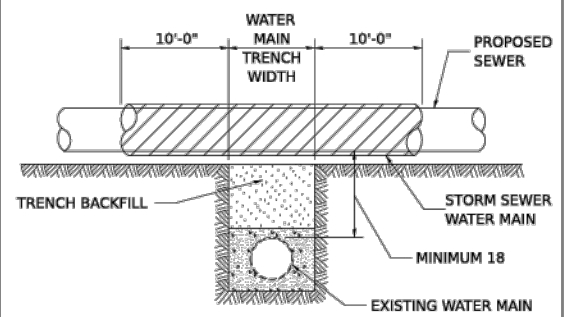


CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 2" LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

PROPOSED WATER MAIN ABOVE EXISTING SEWER LINE

PROVIDE ADEQUATE SUPPORT FOR SEWER TO PREVENT SETTLING AND BREAKING THE WATER MAIN.



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

EXISTING WATER MAIN BELOW PROPOSED SEWER LINE WITH MINIMUM 18 VERTICAL SEPARATION

MODEL: 3041
FILE NAME: District 2 Standard
PLOT DATE: 03/20/2023

USER NAME = IDOT/District 2	DESIGNED -	REVISED - 10-17-11
PLOT SCALE = 0.003' / in.	DRAWN -	REVISED -
PLOT DATE = 02/20/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

SEWER AND WATER MAIN CROSSINGS 32.1

FILE NAME: g:\projects\19117 n 2nd street streetscape improvement\dwg\engineering plans\step (river in to windsor)\c08 notes.dwg

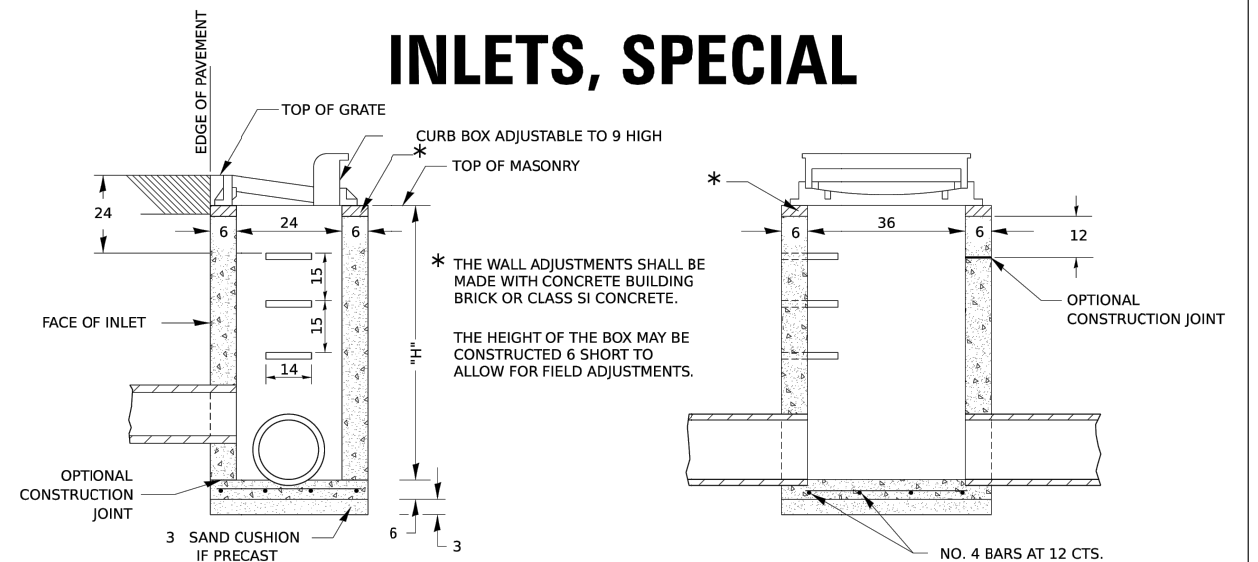
USER NAME = Bill Clasen	DESIGNED - WJC	REVISED - ----
PLOT SCALE = 1/8"	DRAWN - RMG	REVISED - ----
PLOT DATE = 11-18-2025	CHECKED - JSL	REVISED - ----
	DATE - 11-18-2025	REVISED - ----

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DISTRICT 2 STANDARDS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	4
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				

INLETS, SPECIAL



NOTES

SEE STANDARD 602701 FOR DETAILS OF STEPS.

EXCEPT AS NOTED HEREON INLET SPECIAL SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.

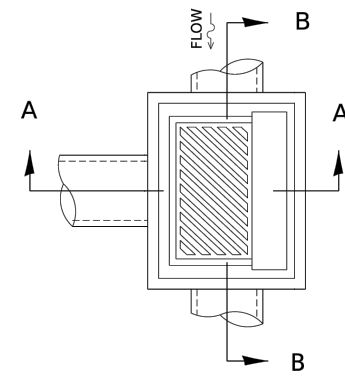
THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTED SECTIONS.

ALL VOIDS AROUND PIPE ENTRANCE, BOTH INSIDE AND OUTSIDE, SHALL BE SEALED WITH MORTAR.

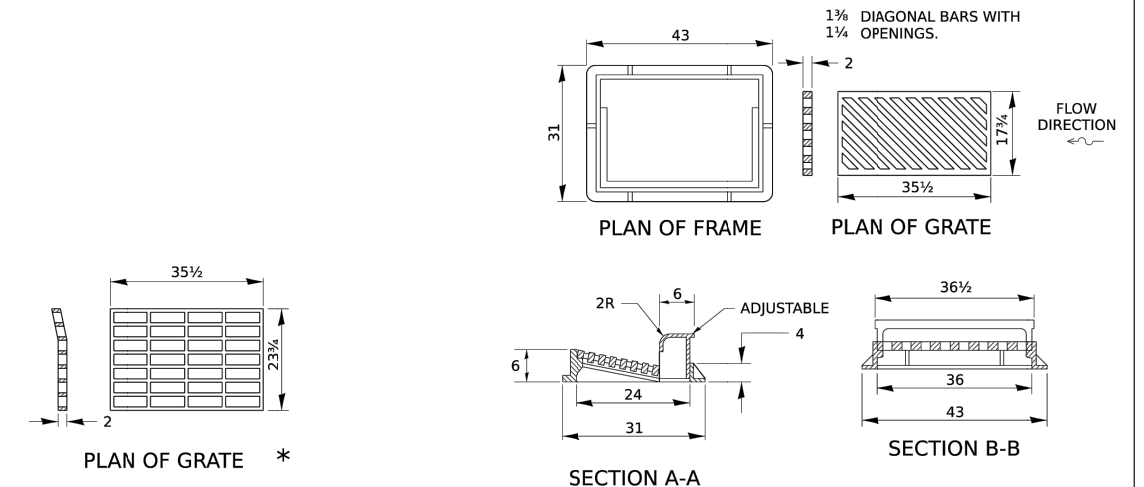
WEIGHT OF CAST IRON FRAME & GRATE = 530 lbs. ± . STEPS SHALL BE OMITTED WHEN DEPTH OF "H" IS LESS THAN 5 ft.

CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT. PRECAST CONCRETE SHALL BE IN ACCORDANCE WITH ARTICLES 504.01 THRU 504.05 OF THE STANDARD SPECIFICATIONS EXCEPT THAT CONCRETE STRENGTH SHALL BE 4,000 psi AFTER 28 DAYS.

THE CONTRACT UNIT PRICE EACH FOR INLETS, SPECIAL SHALL INCLUDE THE COST OF CONSTRUCTING THE INLET BOX, FURNISHING AND INSTALLING THE FRAME AND GRATE, THE CAST IRON STEPS (IF USED), THE PRECAST FLOOR SLABS, SAND CUSHION (WHEN USED) AND REINFORCEMENT BARS.



DETAIL OF FRAME & GRATE



* THIS GRATE TO BE USED WITHOUT CURB BOX WHEN INLET IS IN DRIVEWAY.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

INSETS: 1-16p
 PLOT NAME: District 2 Standard
 PLOT DATE: 9/20/2023

REVISED - 1-05-16	REGION 2 / DISTRICT 2 STANDARD				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED - 6-27-14									
REVISED - 10-13-11					CONTRACT NO.				
REVISED -					ILLINOIS FED. AID PROJECT				
SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.			

INLETS, SPECIAL 10.2

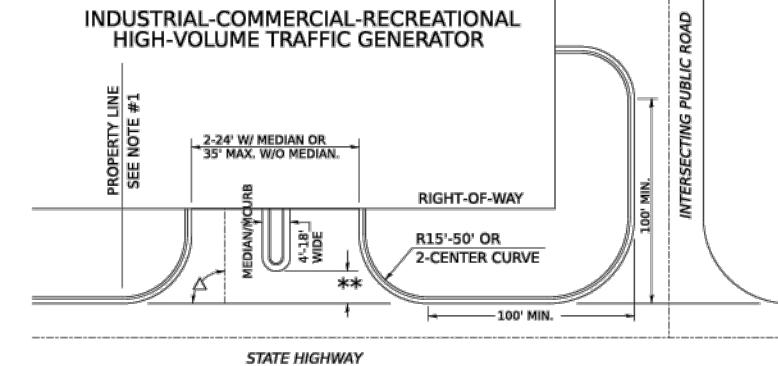
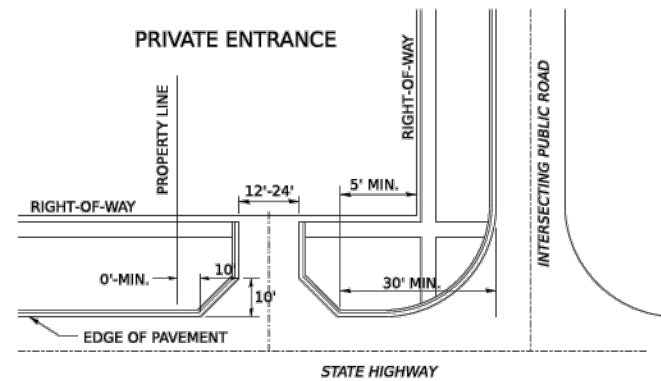
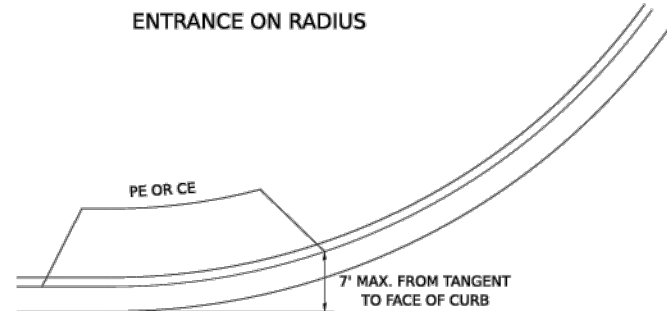
FILE NAME g:\projects\19117 n 2nd street streetscape improvement\dwg\engineering plans\step (river in to windsor)\c0 notes.dwg	USER NAME = Bill Clasen	DESIGNED - WJC	REVISED - ----
		DRAWN - RMG	REVISED - ----
	PLOT SCALE: N/A	CHECKED - JSL	REVISED - ----
	PLOT DATE = 11-18-2025	DATE - 11-18-2025	REVISED - ----

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DISTRICT 2 STANDARDS

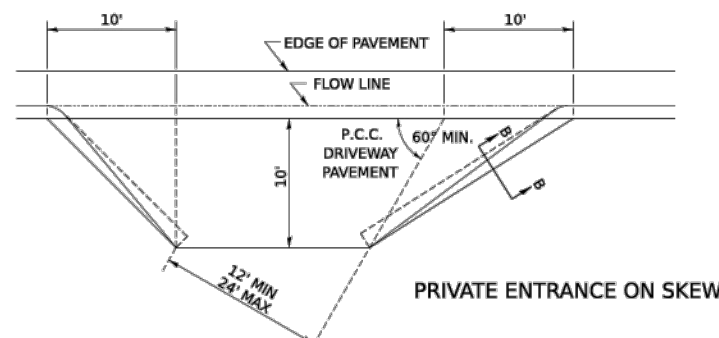
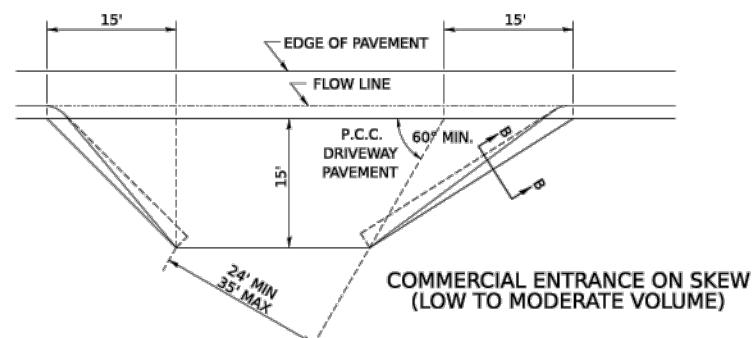
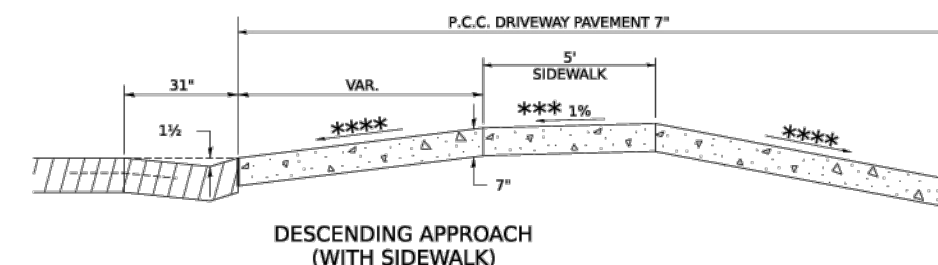
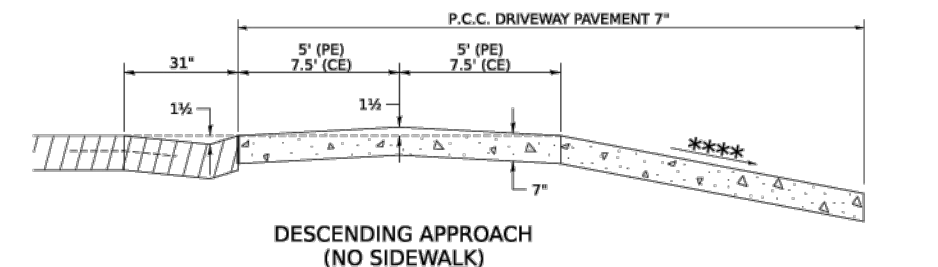
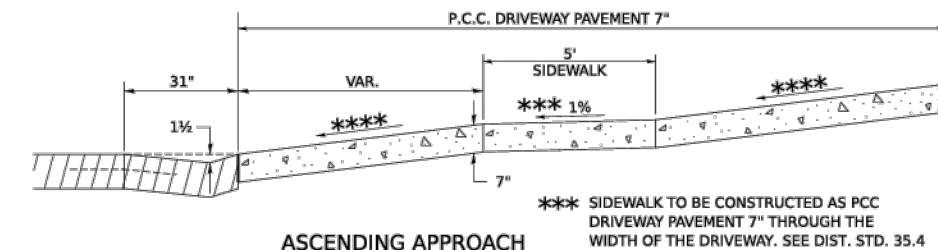
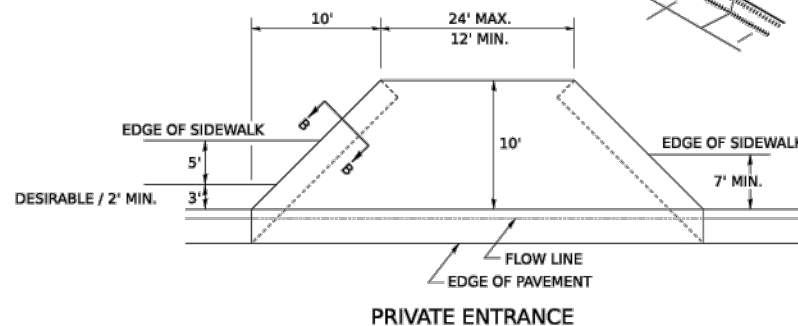
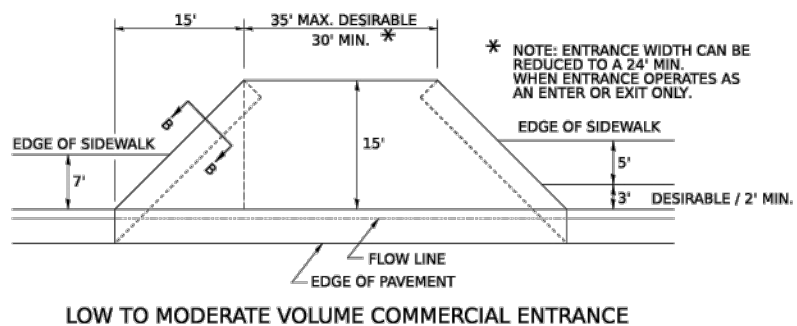
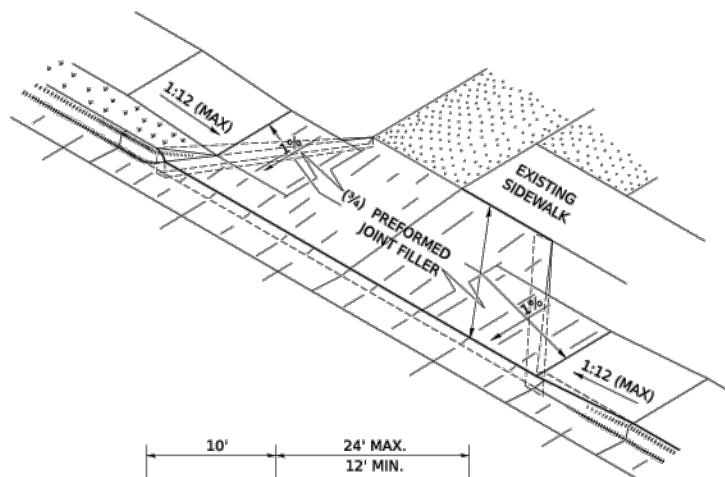
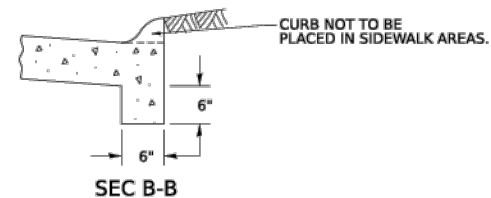
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	5
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				

ENTRANCE APPROACHES – URBAN AREA



A MINIMUM OF 440 FEET SHALL BE MAINTAINED BETWEEN CENTER LINES OF ADJACENT DRIVEWAYS.
 Δ90° DESIRABLE, 45° MIN. ANGLE PERMITTED ONLY FOR ONE-WAY DRIVEWAYS.
 60° MIN. ANGLE FOR TWO-WAY DRIVEWAYS.
 NOTE: #1 ENCROACHMENT ON THE ADJACENT PROPERTY OWNER LAND REQUIRES HIS OR HER WRITTEN APPROVAL.

** 4'-10' IF HIGHWAY CURBED.
 AT EDGE OF SHOULDER IF HIGHWAY UNCURBED.



NOTE: CURVED ENTRANCE RETURNS MAY BE USED FOR LOW TO MODERATE VOLUME LOCATIONS WITH REVIEW ON A CASE-BY-CASE BASIS.

MODEL: 2024
 FILE NAME: District 2 Standard
 PLOT DATE: 11/20/2023

USER NAME = IDOT/District 2	DESIGNED - Designed By	REVISED - 7-19-18
PLOT SCALE = 0.003' / in.	DRAWN - Drawn By	REVISED - 1-03-18
PLOT DATE = 11/20/2023	CHECKED - Checked By	REVISED - 6-27-14
	DATE - Checked Date	REVISED - 12-07-10

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

ENTRANCE APPROACHES – URBAN AREA 25.1

FILE NAME: g:\projects\19117 n 2nd street streetscape improvement\dwg\engineering plans\step (river in to windsor)\o8 notes.dwg





USER NAME = Bill Clasen	DESIGNED - WJC	REVISED - ----
	DRAWN - RMG	REVISED - ----
PLOT SCALE = 1/8"	CHECKED - JSL	REVISED - ----
PLOT DATE = 11-18-2025	DATE - 11-18-2025	REVISED - ----

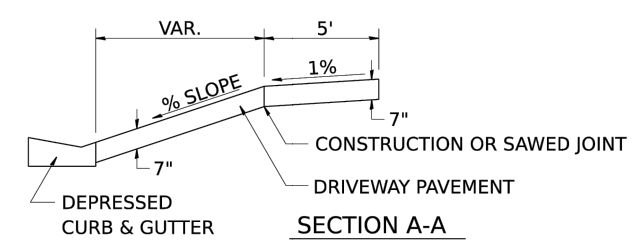
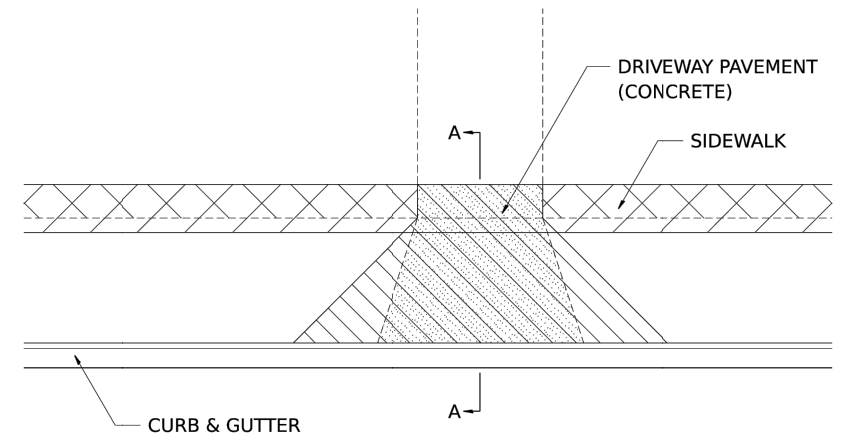
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DISTRICT 2 STANDARDS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	6
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				

SIDEWALK AND DRIVEWAY PAVEMENT PAY AREAS

- PAY FOR AS
-  SIDEWALK REMOVAL
 -  DRIVEWAY PAVEMENT REMOVAL
 -  PCC SIDEWALK 5
 -  PCC DRIVEWAY PAVEMENT 7



FOR DETAILS ON DIMENSIONS AND GRADES, SEE DISTRICT STANDARD 25.1 OR PLANS.
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

MODEL: 35p4
 FILE NAME: District 2 Standard
 PLOT DATE: 11/20/23

REVISED - 6-27-14	REGION 2 / DISTRICT 2 STANDARD SCALE: SHEET OF SHEETS STA. TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED - 10-03-11						
REVISED -		CONTRACT NO.				
REVISED -		ILLINOIS FED. AID PROJECT				

SIDEWALK AND DRIVEWAY PAVEMENT PAY AREAS 35.4

FILE NAME g:\projects\19117 n 2nd street streetscope improvement\dwg\engineering plans\step (river in to windsor)\c0 notes.dwg	USER NAME = Bill Clasen	DESIGNED - WJC	REVISED - ----
		DRAWN - RMG	REVISED - ----
	PLOT SCALE: N/A	CHECKED - JSL	REVISED - ----
	PLOT DATE = 11-18-2025	DATE - 11-18-2025	REVISED - ----



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DISTRICT 2 STANDARDS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	7
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				

Item #	Description	Unit	Total Quantity	ITEP QTY. STATE 80% LOCAL 20%	ITEP QTY. STATE 50% LOCAL 50%	Non-Participating LOCAL 100%
CONSTRUCTION TYPE CODE 0028						
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	48	36	0	12
21101665	TOPSOIL FURNISH AND PLACE, 18"	SQ YD	1888	1888	0	0
* 25000110	SEEDING, CLASS 1A	ACRE	1	1	0	0
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	36	36	0	0
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	36	36	0	0
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	36	36	0	0
* 25100630	EROSION CONTROL BLANKET	SQ YD	1888	1888	0	0
28000500	INLET AND PIPE PROTECTION	EACH	28	26	0	2
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	5919	5711	0	208
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	1806	1806	0	0
35102400	AGGREGATE BASE COURSE, TYPE B 12"	SQ YD	6825	6187	0	638
35300300	PORTLAND CEMENT CONCRETE BASE COURSE 8"	SQ YD	1009	1009	0	0
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	3169	3009	0	160
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	1268	1012	0	256
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	1161	1047	0	114
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL 9.5, MIX "D", N70	TON	597	528	0	69
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6"	SQ YD	733	618	0	115
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	40488	39020	0	1468
42400800	DETECTABLE WARNINGS	SQ FT	508	488	0	20
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	289	254	0	35
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	6142	5927	0	215
44000600	SIDEWALK REMOVAL	SQ FT	35595	33962	0	1633
50900805	PEDESTRIAN RAILING	FOOT	35	35	0	0
50901760	PIPE HANDRAIL	FOOT	20	20	0	0
550A0050	STORM SEWERS, CLASS A, TYPE 1, 12"	FOOT	498	498	0	0
55100500	STORM SEWER REMOVAL, 12"	FOOT	140	140	0	0
56400400	FIRE HYDRANTS TO BE RELOCATED	EACH	1	1	0	0
56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	26	26	0	0
58700300	CONCRETE SEALER	SQ FT	68000	65445	0	2555
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4	0	0
60255700	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	14	14	0	0
60255900	MANHOLES TO BE ADJUSTED WITH NEW TYPE 3 FRAME AND GRATE	EACH	1	1	0	0
60266600	VALVE BOXES TO BE ADJUSTED	EACH	19	18	0	1
60500060	REMOVING INLETS	EACH	20	20	0	0
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	2168	2168	0	0
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	4525	4185	0	340
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	180	180	0	0
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	24	24	0	0
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LUMP	1	1	0	0

Item #	Description	Unit	Total Quantity	ITEP QTY. STATE 80% LOCAL 20%	ITEP QTY. STATE 50% LOCAL 50%	Non-Participating LOCAL 100%
CONSTRUCTION TYPE CODE 0028						
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LUMP	1	1	0	0
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	51	51	0	0
67100100	MOBILIZATION	LSUM	1	1	0	0
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	120	120	0	0
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	4200	4200	0	0
* 72000100	SIGN PANEL TYPE 1	SQ FT	82	82	0	0
* 72800100	TELESCOPING STEEL SIGN SUPPORT	EACH	205	205	0	0
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	110	84	0	26
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	480	90	0	390
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1685	1595	0	90
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2268	2268	0	0
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	286	286	0	0
* 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	60	60	0	0
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	1687	1687	0	0
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	2	1	1	0
* 80400200	ELECTRIC UTILITY SERVICE CONNECTION	LSUM	1	0.5	0.5	0
* 80500200	SERVICE INSTALLATION, TYPE B	EACH	2	2	0	0
* 81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	70	0	70	0
* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	715	0	715	0
* 81028730	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/4" DIA.	FOOT	460	0	460	0
* 81028750	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	1435	1435	0	0
* 81028760	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2 1/2" DIA.	FOOT	243	243	0	0
* 81028770	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 3" DIA.	FOOT	136	136	0	0
* 81028780	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 3 1/2" DIA.	FOOT	24	24	0	0
* 81028790	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 4" DIA.	FOOT	520	520	0	0
* 81028800	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 5" DIA.	FOOT	128	128	0	0
* 81400100	HANDHOLE	EACH	6	6	0	0
* 81400300	DOUBLE HANDHOLE	EACH	2	2	0	0
* 81400730	HANDOLE, COMPOSITE CONCRETE	EACH	5	2	3	0
* 81603047	UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA.	FOOT	4120	0	4000	120
* 81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	2576	2576	0	0
* 81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	80	0	80	0
* 81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	240	0	240	0
* 83007099	LIGHT POLE, ALUMINUM, 35 FT. M.H., 3 FT. MAST ARM	EACH	21	0	21	0
* 83006002	LIGHT POLE, ALUMINUM, 35 FT. M.H., 3 FT. MAST ARM - TWIN	EACH	8	0	8	0
* 82110004	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION D	EACH	37	0	37	0
* 82110008	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	8	8	0	0
* 82500350	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	EACH	1	0	1	0
* 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	160	0	160	0

* SPECIALTY ITEM

FILE NAME g:\projects\19117 n 2nd street street\scap improvement\dwg\engineering plans\itp (river in to windsor)\a0 notes.dwg	USER NAME = Bill Clasen	DESIGNED - WJC	REVISED - ----
	PLOT SCALING#	DRAWN - RMG	REVISED - ----
	PLOT DATE = 11-18-2025	CHECKED - JSL	REVISED - ----
		DATE - 11-18-2025	REVISED - ----

ARC DESIGN
RESOURCES INC.

CIVIL ENGINEERING & LAND SURVEYING
5291 Zenith Pkwy.
Loves Park, IL 61111
(815) 484-4300
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SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	8
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				

Item #	Description	Unit	Total Quantity	ITEP QTY. STATE 80% LOCAL 20%	ITEP QTY. STATE 50% LOCAL 50%	Non-Participating LOCAL 100%
CONSTRUCTION TYPE CODE 0028						
* 83800105	BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE	EACH	29	0	29	0
* 84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	21	21	0	0
* 85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	2	2	0	0
* 86000100	MASTER CONTROLLER	EACH	1	1	0	0
* 86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	2	2	0	0
* 87100110	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, 6F	FOOT	486	486	0	0
* 87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	1331	1331	0	0
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1323	1323	0	0
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1379	1379	0	0
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	4286	4286	0	0
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	3653	3653	0	0
* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE NO. 6 2C	FOOT	128	128	0	0
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1109	1109	0	0
* 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	7	7	0	0
* 87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1	1	0	0
* 87702920	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT.	EACH	1	1	0	0
* 87702940	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	1	1	0	0
* 87702985	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	4	4	0	0
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	21	21	0	0
* 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	7	7	0	0
* 87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	45	45	0	0
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	48	48	0	0
* 87900200	DRILL EXISTING HANDHOLE	EACH	1	1	0	0
* 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	17	17	0	0
* 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	5	5	0	0
* 88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	13	13	0	0
* 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	5	5	0	0
* 88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED W/ COUNT TIMER	EACH	16	16	0	0
* 88200100	TRAFFIC SIGNAL BACKPLATE	EACH	40	40	0	0
* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLTION	EACH	2	2	0	0
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2	2	0	0
* 89502380	REMOVE EXISTING HANDHOLE	EACH	10	10	0	0
* 89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1	1	0	0
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	20	20	0	0
* A2000086	TREE, ACER X FREEMANII ARMSTRONG (ARMSTRONG FREEMAN MAPLE), 2- 1/2" CALIPER, BALLED AND BURLAPPED	EACH	15	15	0	0
* A2004824	TREE, GLEDITSIA TRIACANTHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST,) 3" CALIPER, BALLED AND BURLAPPED	EACH	2	2	0	0
* A2007016	TREE, QUERCUS ROBUR FASTIGIATA (FASTIGIATE ENGLISH OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	9	9	0	0
* A2008024	TREE, TILIA CORDATA (LITTLE LEAF LINDEN), 3" CALIPER, BALLED AND BURLAPPED	EACH	8	8	0	0
* C2000660	SHRUB, ARONIA MELANOCARPA MORTON (IROQUOIS BEAUTY BLACK CHOKEBERRY), 2'-6" HEIGHT, BALLED AND BURLAPPED	EACH	9	9	0	0

Item #	Description	Unit	Total Quantity	ITEP QTY. STATE 80% LOCAL 20%	ITEP QTY. STATE 50% LOCAL 50%	Non-Participating LOCAL 100%
CONSTRUCTION TYPE CODE 0028						
* C2009918	SHRUB, SPIREA X BUMALDA GOLDFLAME (GOLD FLAME BUMALD SPIREA), 18" HEIGHT, BALLED AND BURLAPPED	EACH	108	108	0	0
* C20098G3	SHRUB, SPIREA X BUMALDA FROEBELII (FROEBELII SPIREA), 3-GALLON CONTAINER	EACH	111	111	0	0
* C2C10230	SPIREA JAPONICA WALBUMA MAGIC CARPET (JAPANESE SPIREA), CONTAINER GROWN, 3 GALLON	EACH	18	18	0	0
* C2C10930	SHRUB, SYRINGA MEYERI PALIBIN (DWARF KOREAN LILAC), CONTAINER GROWN, 5-GALLON	EACH	3	3	0	0
* D2000730	EVERGREEN, JUNIPERUS CHINENSIS VAR. SARGENTII VIVIDIS (GREEN SARGENT JUNIPER), 2.5' WIDTH, CONTAINER	EACH	114	114	0	0
* K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	7	7	0	0
* K0026830	SHRUB REMOVAL	EACH	22	22	0	0
* K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	50	50	0	0
* K1005482	SHREDDED BARK MULCH 4"	SQ YD	1,316	1316	0	0
X0322463	CONNECTION TO EXISTING SEWER	EACH	6	6	0	0
* X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	16	16	0	0
X4240430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL	SQ FT	8575	8523	0	52
X4404400	PAVEMENT REMOVAL, SPECIAL	SQ YD	10170	9530	0	640
X5220102	RETAINING WALL REMOVAL	FOOT	200	200	0	0
X6024240	INLETS (SPECIAL)	EACH	25	25	0	0
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	11	10	0	1
X6026051	SANITARY MANHOLES TO BE RECONSTRUCTED	EACH	1	1	0	0
X6026057	SANITARY MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1	0	0
X6640104	FENCE REMOVAL	FOOT	40	40	0	0
X7010216	TRAFFIC CONTROL AND PROTECTION, SPECIAL	L SUM	1	1	0	0
* X7200071	STREET NAME SIGNS	SQ FT	62	62	0	0
* X8140117	HANDHOLE TO BE ADJUSTED WITH NEW FRAME AND COVER	EACH	9	9	0	0
* X8250091	COMBINATION LIGHTING CONTROLLER	EACH	2	2	0	0
* X8760201	PEDESTRIAN PUSH BUTTON POST	EACH	1	1	0	0
* X8870300	EMERGENCY VEHICLE PRIORITY SYSTEM	EACH	2	2	0	0
* X8891001	VIDEO VEHICLE DETECTION SYSTEM	EACH	2	2	0	0
XX006821	CONCRETE TRUCK WASHOUT	L SUM	1	1	0	0
XX008729	REMOVE AND REINSTALL SIGN PANEL	EACH	33	33	0	0
* Z0001110	GAS VALVE TO BE ADJUSTED	EACH	3	3	0	0
Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1	0	0
Z0018501	DRAINAGE STRUCTURES TO BE CLEANED (SPECIAL)	EACH	2	2	0	0
Z0054400	ROCK FILL	CU YD	50	50	0	0
Z0062458	TEMPORARY PAVEMENT (VARIABLE DEPTH)	TON	100	100	0	0
CONSTRUCTION TYPE CODE 0042						
Z0076600	TRAINEES	HOURL	500	0	0	0
Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOURL	500	0	0	0

* SPECIALTY ITEM

FILE NAME
g:\projects\19117 n 2nd street
street\scope
improvement\dwg\engineering
plans\itp (river in to windsor)\a08
notes.dwg

USER NAME = Bill Clasen
PLOT SCALING#
PLOT DATE = 11-18-2025

DESIGNED - WJC
DRAWN - RMG
CHECKED - JSL
DATE - 11-18-2025

REVISED - ----
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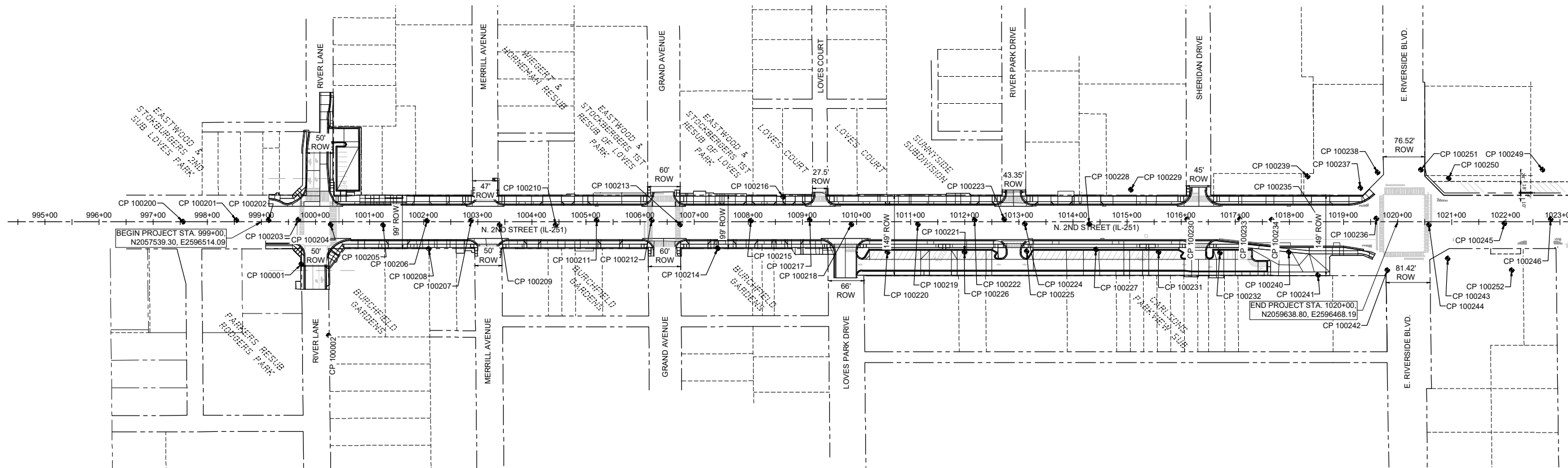


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SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	9
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				

CP	N	E	Z	CP	N	E	Z	CP	N	E	Z	CP	N	E	Z	CP	N	E	Z	CP	N	E	Z				
100001	2057614.91	2596590.41	718.80	100215	2058444.06	2596491.97	723.10	100235	2059494.71	2596466.67	725.09	100255	2060245.16	2596450.45	726.20	100275	2060507.26	2596547.60	726.93	100295	2061438.78	2596491.32	729.43	100315	2062725.65	2596402.38	730.12
100002	2057668.58	2596721.23	718.60	100216	2058502.27	2596447.06	722.68	100236	2059599.38	2596463.01	725.67	100256	2060165.49	2596451.61	726.55	100276	2060602.47	2596521.28	726.56	100296	2061577.19	2596496.14	729.92	100316	2062596.32	2596410.98	729.26
100003	2057775.85	2599769.99	732.94	100217	2058552.65	2596488.22	723.34	100237	2059568.65	2596407.21	725.26	100257	2060081.72	2596457.29	726.16	100277	2060679.65	2596500.78	726.32	100297	2061506.63	2596434.60	730.34	100317	2062528.55	2596401.84	729.46
100006	2057695.92	2597665.69	724.00	100218	2058629.77	2596494.89	723.52	100238	2059599.67	2596377.71	725.11	100258	2060133.15	2596392.16	726.31	100278	2060837.12	2596535.76	727.07	100298	2061566.76	2596433.64	730.81	100318	2062443.18	2596403.72	730.06
100200	2057394.52	2596516.79	719.26	100219	2058752.53	2596492.29	724.21	100239	2059470.52	2596387.89	724.82	100259	2060218.58	2596388.07	726.39	100279	2060950.01	2596528.17	727.56	100299	2061629.35	2596432.12	730.95	100319	2062335.96	2596417.18	730.31
100201	2057493.22	2596511.91	719.11	100220	2058697.26	2596544.97	723.95	100240	2059439.04	2596528.55	724.73	100260	2060338.43	2596337.28	725.91	100280	2061047.23	2596535.98	728.46	100300	2061726.89	2596418.43	731.20	100320	2062253.74	2596417.50	730.10
100202	2057552.81	2596510.69	719.32	100221	2058839.88	2596541.54	724.28	100241	2059493.85	2596466.89	725.23	100261	2060386.39	2596382.12	725.64	100281	2061163.89	2596529.86	728.70	100301	2061812.43	2596417.04	730.95	100321	2062183.48	2596409.30	730.22
100203	2057607.51	2596509.05	719.12	100222	2058857.29	2596481.70	724.58	100242	2059621.71	2596557.81	724.40	100262	2060472.29	2596394.72	726.52	100282	2061137.45	2596430.81	728.99	100302	2061836.28	2596503.65	730.21	100322	2062083.52	2596411.83	731.01
100204	2057667.54	2596516.68	718.89	100223	2058911.80	2596479.45	724.45	100243	2059732.83	2596533.83	725.50	100263	2060544.76	2596374.89	726.26	100283	2061071.72	2596432.55	728.69	100303	2061893.32	2596496.18	730.16	100323	2061978.76	2596422.80	730.85
100205	2057764.48	2596515.29	719.63	100224	2058950.03	2596487.03	724.25	100244	2059696.69	2596472.55	725.47	100264	2060643.62	2596394.01	726.45	100284	2060985.21	2596445.87	728.06	100304	2062059.68	2596516.29	729.96	100324	2061888.11	2596425.00	730.68
100206	2057845.56	2596505.26	719.96	100225	2058950.03	2596487.03	724.25	100245	2059836.14	2596466.89	725.75	100265	2060782.96	2596382.12	726.62	100285	2060915.21	2596448.33	727.50	100305	2062190.32	2596514.52	729.67	100325	2061310.77	2596391.23	728.98
100207	2057927.16	2596503.14	720.32	100226	2058839.90	2596541.55	724.28	100246	2059921.54	2596457.12	725.90	100266	2060832.33	2596438.59	727.82	100286	2060914.84	2596381.41	727.56	100306	2062312.43	2596512.41	729.05				
100208	2057849.62	2596557.29	720.15	100227	2059082.52	2596531.34	724.73	100247	2059999.93	2596455.36	726.12	100267	2060700.93	2596444.94	727.44	100287	2061102.60	2596374.44	727.83	100307	2062416.85	2596487.66	728.11				
100209	2057979.56	2596510.59	720.26	100228	2059069.09	2596484.72	724.83	100248	2060016.25	2596372.68	725.67	100268	2060603.00	2596444.59	726.71	100288	2061298.25	2596359.26	729.41	100308	2062550.54	2596513.26	728.57				
100210	2058083.35	2596507.98	721.03	100229	2059144.45	2596419.91	724.58	100249	2059904.48	2596366.13	725.36	100269	2060535.34	2596445.11	727.18	100289	2061447.93	2596385.91	729.67	100309	2062682.06	2596522.50	728.04				
100211	2058158.94	2596497.60	721.71	100230	2059249.60	2596472.13	724.90	100250	2059731.58	2596385.87	725.76	100270	2060457.91	2596448.59	727.05	100290	2061431.83	2596425.74	730.70	100310	2062847.34	2596515.11	727.98				
100212	2058260.62	2596495.26	721.72	100231	2059198.43	2596533.87	724.82	100251	2059679.68	2596371.13	724.69	100271	2060380.39	2596457.31	726.85	100291	2061331.94	2596432.92	730.15	100311	2062876.55	2596484.71	728.54				
100213	2058313.16	2596502.28	722.04	100232	2059311.62	2596532.66	724.94	100252	2059851.45	2596552.80	725.11	100272	2060306.30	2596459.10	726.16	100292	2061216.83	2596440.18	728.92	100312	2062864.01	2596405.32	729.43				
100214	2058383.60	2596544.46	722.09	100233	2059347.33	2596469.59	725.48	100253	2060159.17	2596529.23	725.62	100273	2060358.15	2596459.27	726.37	100293	2061254.90	2596519.88	728.94	100313	2062944.13	2596430.70	729.70				
				100234	2059405.95	2596469.39	725.29	100254	2060198.37	2596567.99	726.16	100274	2060450.74	2596534.53	726.11	100294	2061357.97	2596516.44	729.76	100314	2062789.13	2596402.78	730.28				



FILE NAME
g:\projects\19117 n 2nd street streetscape
improvement\dwg\engineering plans\itp (river ln to
winsor)\alignment plan.dwg

USER NAME = Bill Clasen
DESIGNED - WJC
DRAWN - RMG
CHECKED - JSL
PLOT SCALE = 1:100
PLOT DATE = 11-18-2025
DATE - 11-18-2025

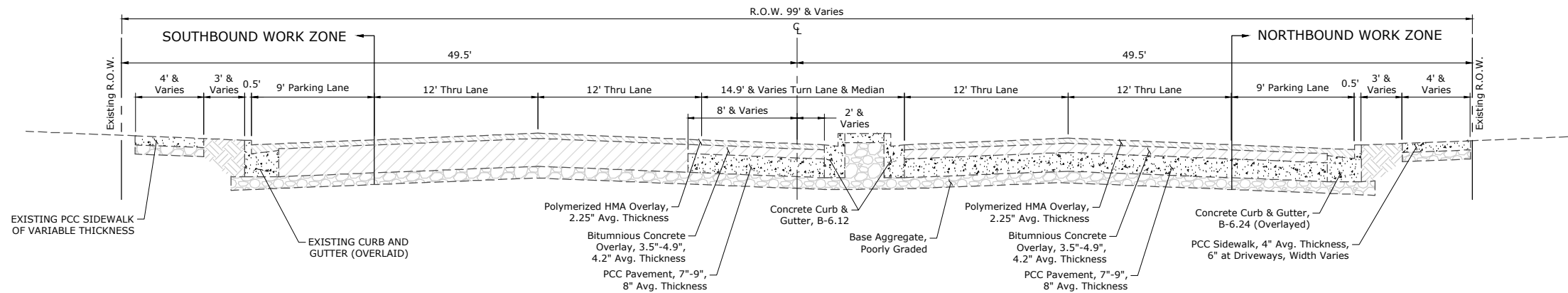
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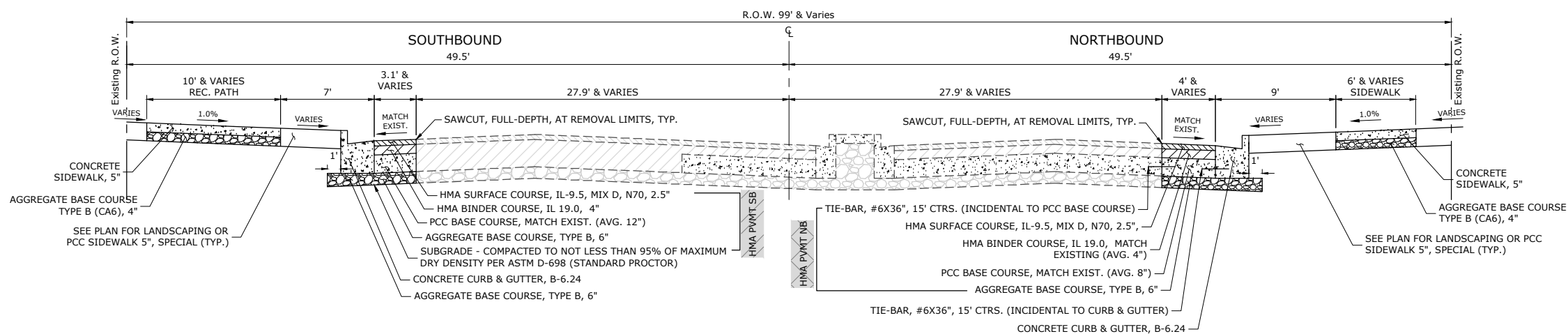
ALIGNMENT PLAN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	10
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL SECTION IL-251 (NORTH 2ND STREET)



PROPOSED TYPICAL SECTION IL-251 (NORTH 2ND STREET)



TYPICAL PAVEMENT SECTIONS

<p>LOCAL ROAD RIVER LANE TYPICAL SECTION (HMA PVMT HD)</p>	<p>CONCRETE SIDEWALK</p>	<p>CONCRETE PRIVATE ENTRANCE (PE) PAVEMENT (CONC PVMT)</p>	<p>HMA PRIVATE ENTRANCE (PE) PAVEMENT (HMA PVMT)</p>
	<p>NOTE: CONCRETE WALK, SPECIAL (CONC WALK, SPC) IS TO RECEIVE A SPECIAL FINISH. SEE LAYOUT PLANS FOR LOCATIONS. SEE SPECIAL PROVISIONS FOR STAMPED PATTERN AND FINISH SPECIFICATIONS.</p>		
	<p>LOCAL ROADS ASPHALT PAVEMENT COMMERCIAL ASPHALT PAVEMENT (HMA PVMT) (USE TYPICAL SECTION TO THE LEFT FOR LOCAL ROAD RIVER LANE)</p>	<p>CONCRETE COMMERCIAL ENTRANCE (CE) PAVEMENT (CONC PVMT)</p>	<p>TYPICAL SLOTTED DRAIN PAVEMENT SECTION</p>

FILE NAME
g:\projects\19117 n 2nd street
streetscape
improvement\dwg\engineering
plans\step (river in to windsor)\083
typical sections.dwg

USER NAME = Bill Clasen
PLOT SCALE=1/4"=1'-0"
PLOT DATE = 11-18-2025

DESIGNED - WJC
DRAWN - RMG
CHECKED - JSL
DATE - 11-18-2025

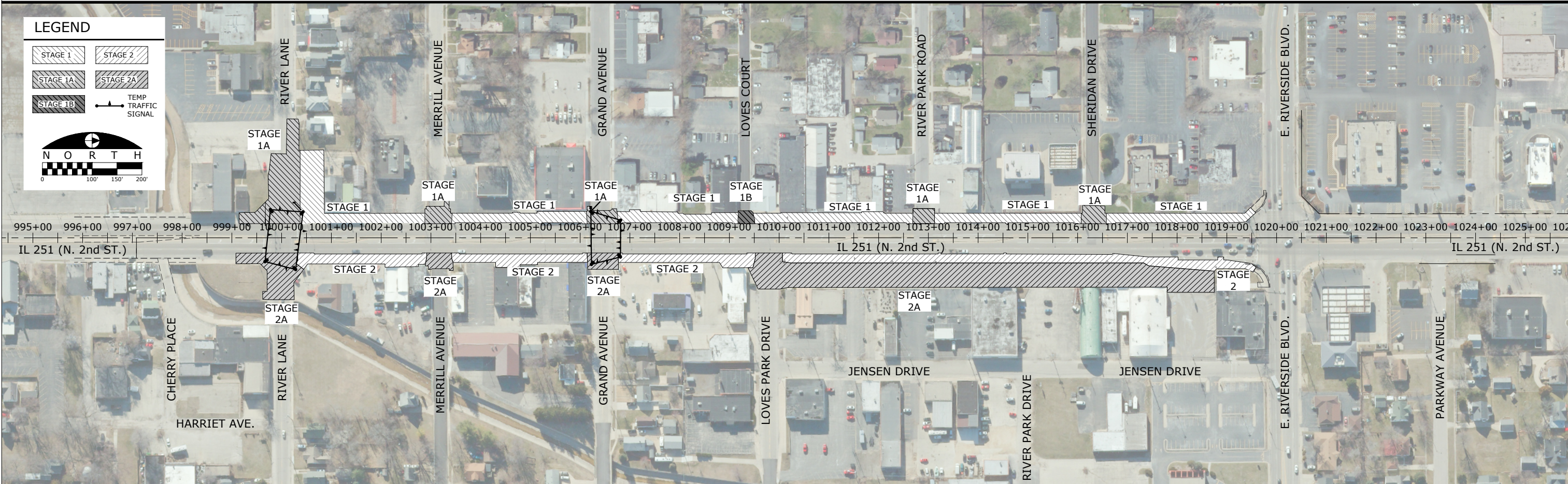
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TYPICAL SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	11
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				

CONSTRUCTION STAGING OVERVIEW

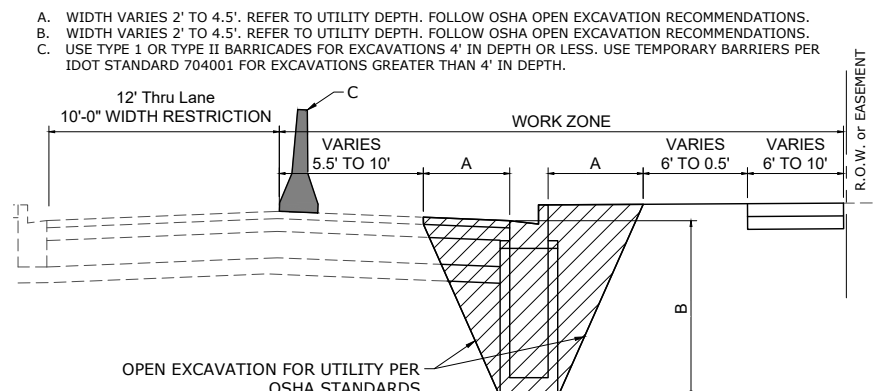
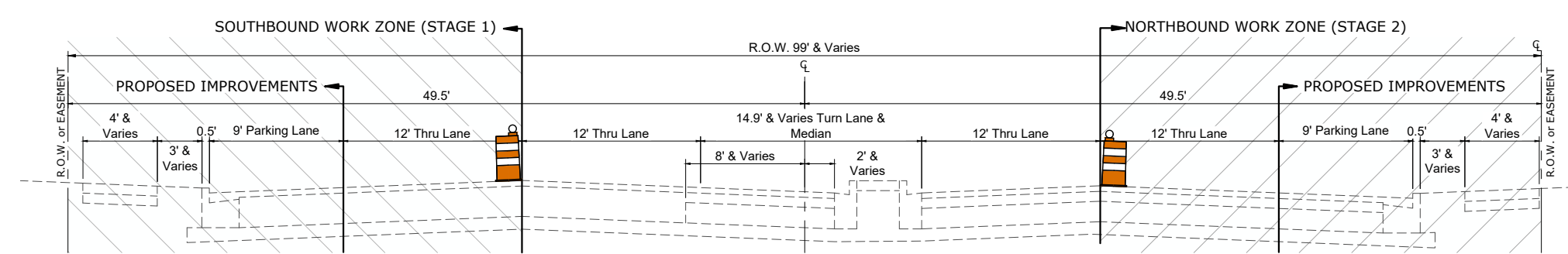


CONSTRUCTION STAGING SUGGESTED SEQUENCE OF OPERATIONS

- The following is a suggested Construction Staging and Traffic Control Plan to be utilized on this project. Contractor shall follow all requirements of the State of Illinois Traffic Control Standards and Illinois MUTCD. The contractor can provide suggested revisions to this plan as needed to expedite or improve the final delivery date.
- PRE-STAGE**
- Establish temporary traffic control as needed using Standard 701101 and 701106 for off road operations.
 - Install temporary traffic signals
 - Install Erosion Control Measures
- STAGE 1**
- Contact IDOT Traffic Control Supervisor 21 days prior to installing width restriction signing.
 - Install Changeable Message Signs 7 days prior to construction.
 - Utilizing Traffic Control Standard 701602, close outside SOUTHBOUND lane and adjacent parking to traffic.
 - Temporary vehicular and pedestrian access to local business shall be maintained between 6 AM and 10 PM daily.
- STAGE 1 A**
- Local road closures shall follow local and IDOT standards.
 - Temporary signage and channelizing devices shall comply with IDOT Standard 701602.
 - Sidewalk closures shall comply with IDOT Standard 701801.
 - The contractor shall coordinate the timing and requirements of local road closure with the City of Loves Park Streets Department.
- STAGE 1 B**
- As Loves Court has no vehicular outlet other than the intersection with IL251, an 11' wide section shall remain accessible to vehicular traffic at all times.
- STAGE 2**
- Contact IDOT Traffic Control Supervisor 21 days prior to installing width restriction signing. Maximum width shall be 10'-0".
 - Install Changeable Message Signs 7 days prior to construction.
 - Utilizing Traffic Control Standard 701602, close outside NORTHBOUND lane and adjacent parking to traffic.
 - Temporary vehicular and pedestrian access to local business shall be maintained between 6 AM and 10 PM daily.
 - Perform all removals and earthwork that does not require closure of intersecting local roads.
 - Sidewalk closures shall comply with IDOT Standard 701801.
- STAGE 2 A**
- Install and adjust storm sewer and utilities.
 - Install corresponding pavement and curb.
- STAGE 2 B**
- Local road closures shall follow local and IDOT standards.
 - Temporary signage and channelizing devices shall comply with IDOT Standard 701602.
 - Sidewalk closures shall comply with IDOT Standard 701801.
 - The contractor shall coordinate the timing and requirements of local road closure with the City of Loves Park Streets Department.
- STAGES 1 A, B and C MAY RUN CONCURRENTLY**
- STAGES 2 A and B MAY RUN CONCURRENTLY**
- STAGE 3**
- Install pavement marking and misc. remaining signage using the appropriate moving or off-road standards.
- STAGE 4**
- Install lighting and traffic signals.
 - Remove temporary traffic signals.

CONSTRUCTION STAGING TYPICAL SECTION

UTILITY EXCAVATION TYPICAL SECTION



FILE NAME
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improvement\engineering plans\11ep (river in to
windsor)\traffic control plan.dwg

USER NAME = Bill Clasen
DESIGNED - WJC
DRAWN - RMG
CHECKED - JSL
PLOT SCALE = 1/8"=1'-0"
PLOT DATE = 11-18-2025

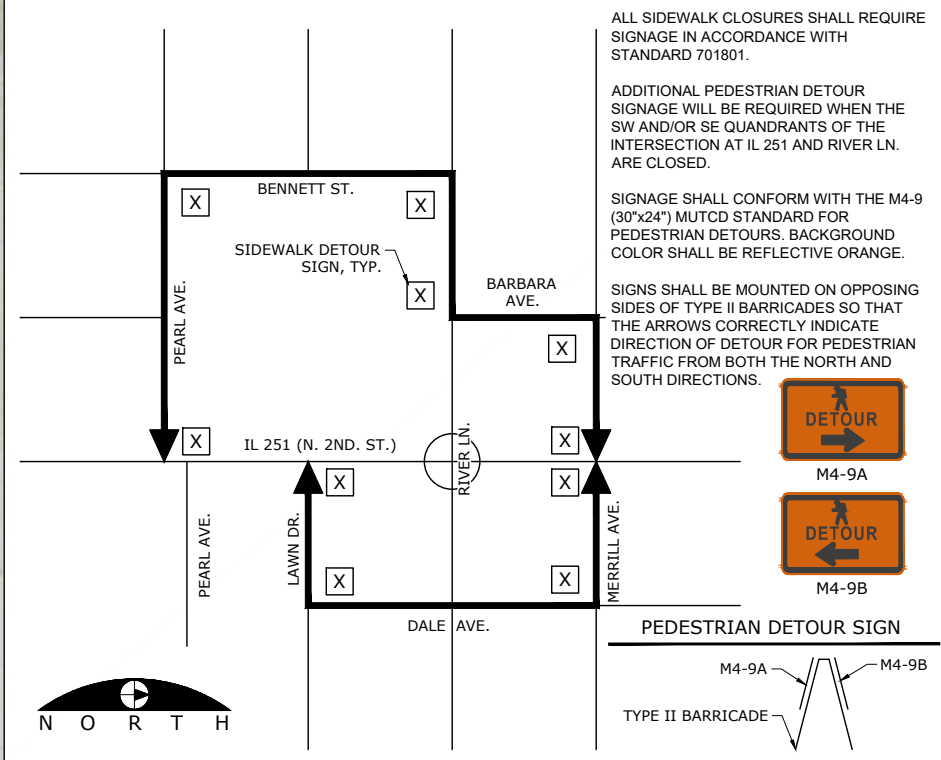
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STAGING PLANS AND SUGGESTED SEQUENCE OF OPERATIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	12
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				

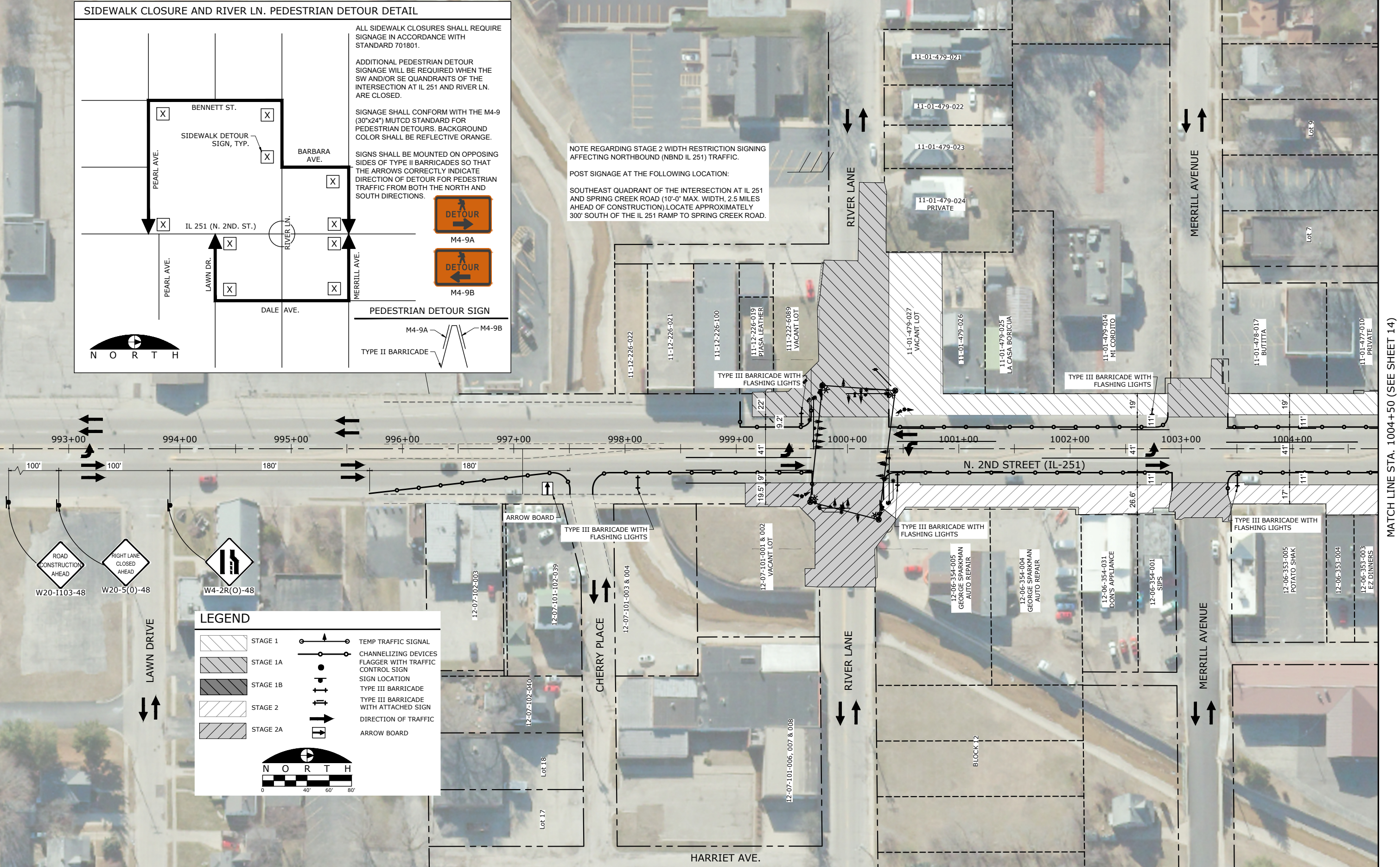
SIDEWALK CLOSURE AND RIVER LN. PEDESTRIAN DETOUR DETAIL



NOTE REGARDING STAGE 2 WIDTH RESTRICTION SIGNING AFFECTING NORTHBOUND (NBND IL 251) TRAFFIC.

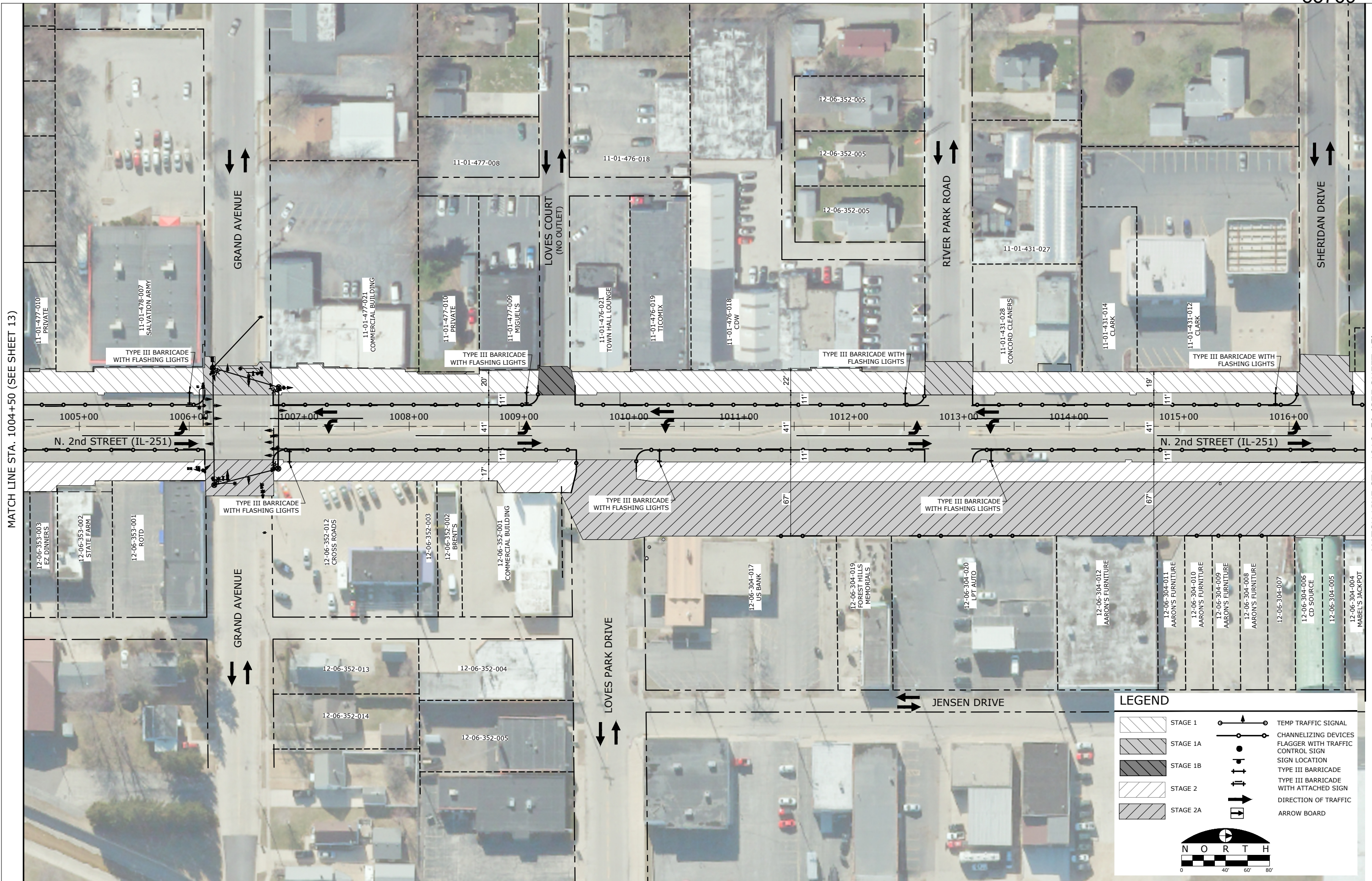
POST SIGNAGE AT THE FOLLOWING LOCATION:

SOUTHEAST QUADRANT OF THE INTERSECTION AT IL 251 AND SPRING CREEK ROAD (10'-0" MAX. WIDTH, 2.5 MILES AHEAD OF CONSTRUCTION). LOCATE APPROXIMATELY 300' SOUTH OF THE IL 251 RAMP TO SPRING CREEK ROAD.



MATCH LINE STA. 1004+50 (SEE SHEET 14)

FILE NAME g:\projects\19117 n 2nd street streetscape improvement\dwg\engineering plans\step (river ln to windsor)\traffic control plan.dwg	USER NAME = Bill Clasen	DESIGNED - WJC	REVISED - ---	<p>CIVIL ENGINEERING & LAND SURVEYING 5291 Zenith Pkwy. Loves Park, IL 61111 (815) 484-4300 www.arcdesign.com</p>	<p>STAGING PLAN STA. 999+00 TO 1004+50</p>	F.A.P. RTE. 303	SECTION 21-00078-01-SW	COUNTY WINNEBAGO	TOTAL SHEETS 85	SHEET NO. 13
PLOT SCALE=	CHECKED - JSL	REVISED - ---	CONTRACT #85769							
PLOT DATE = 11-18-2025	DATE - 11-18-2025	REVISED - ---	ILLINOIS FED. AID PROJECT							



MATCH LINE STA. 1004+50 (SEE SHEET 13)

MATCH LINE STA. 1016+50 (SEE SHEET 15)

FILE NAME
g:\projects\19117 n 2nd street streetscape
improvement\dwg\engineering plans\tep (river in to
windsor)\traffic control plan.dwg

USER NAME = Bill Clasen
DESIGNED - WJC
DRAWN - RMG
CHECKED - JSL
DATE - 11-18-2025

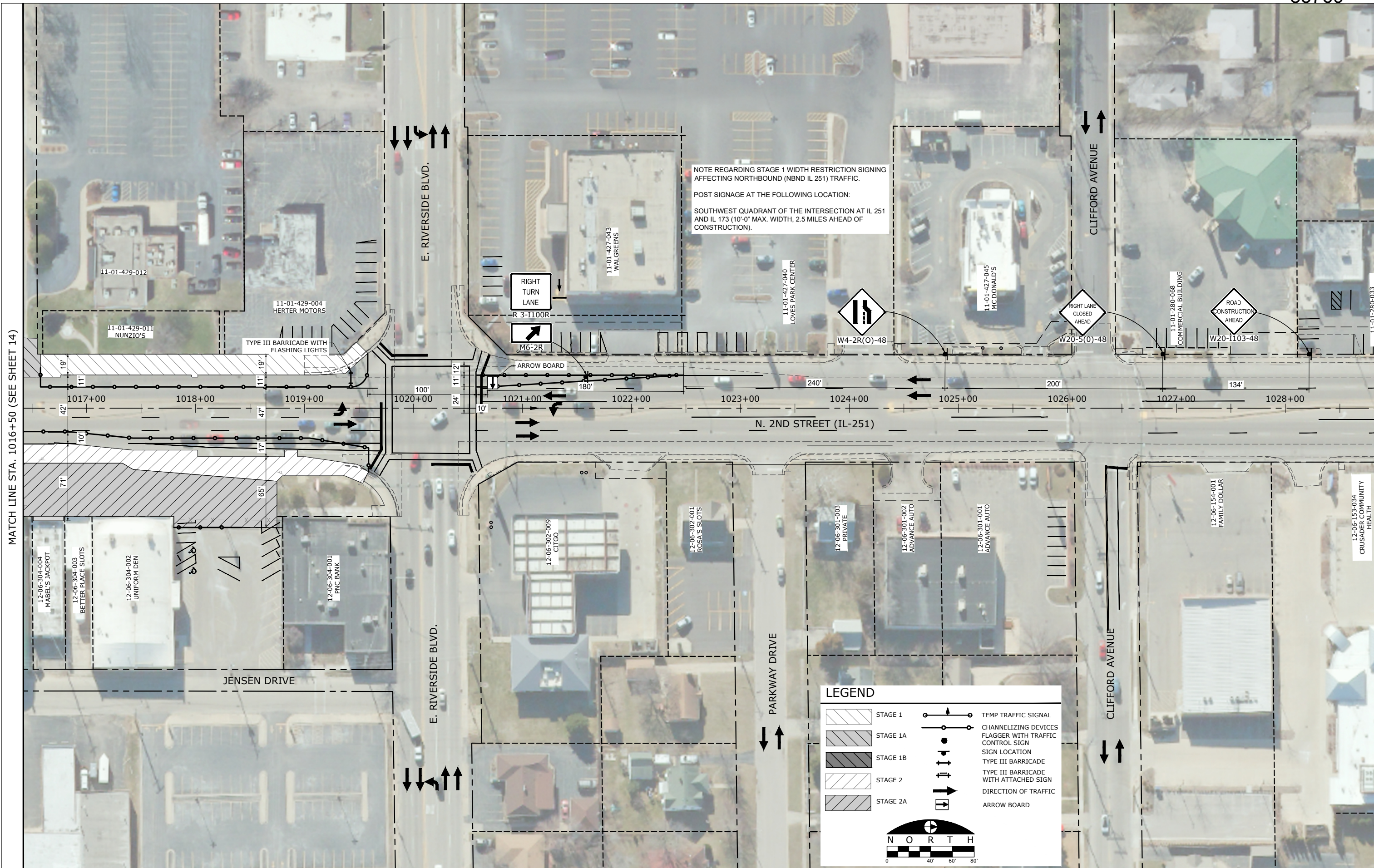
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STAGING PLAN STA. 1004+50 TO STA. 1016+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	14
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				

MATCH LINE STA. 1016+50 (SEE SHEET 14)



NOTE REGARDING STAGE 1 WIDTH RESTRICTION SIGNING AFFECTING NORTHBOUND (NBND IL 251) TRAFFIC.
 POST SIGNAGE AT THE FOLLOWING LOCATION:
 SOUTHWEST QUADRANT OF THE INTERSECTION AT IL 251 AND IL 173 (10'-0" MAX. WIDTH, 2.5 MILES AHEAD OF CONSTRUCTION).

LEGEND

- STAGE 1
- STAGE 1A
- STAGE 1B
- STAGE 2
- STAGE 2A
- TEMP TRAFFIC SIGNAL
- CHANNELIZING DEVICES
- FLAGGER WITH TRAFFIC CONTROL SIGN
- SIGN LOCATION
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- ARROW BOARD

NORTH

0 40' 60' 80'

FILE NAME
 g:\projects\19117 n 2nd street streetscape
 improvement\dwg\engineering plans\tep (river in to
 windsor)\traffic control plan.dwg

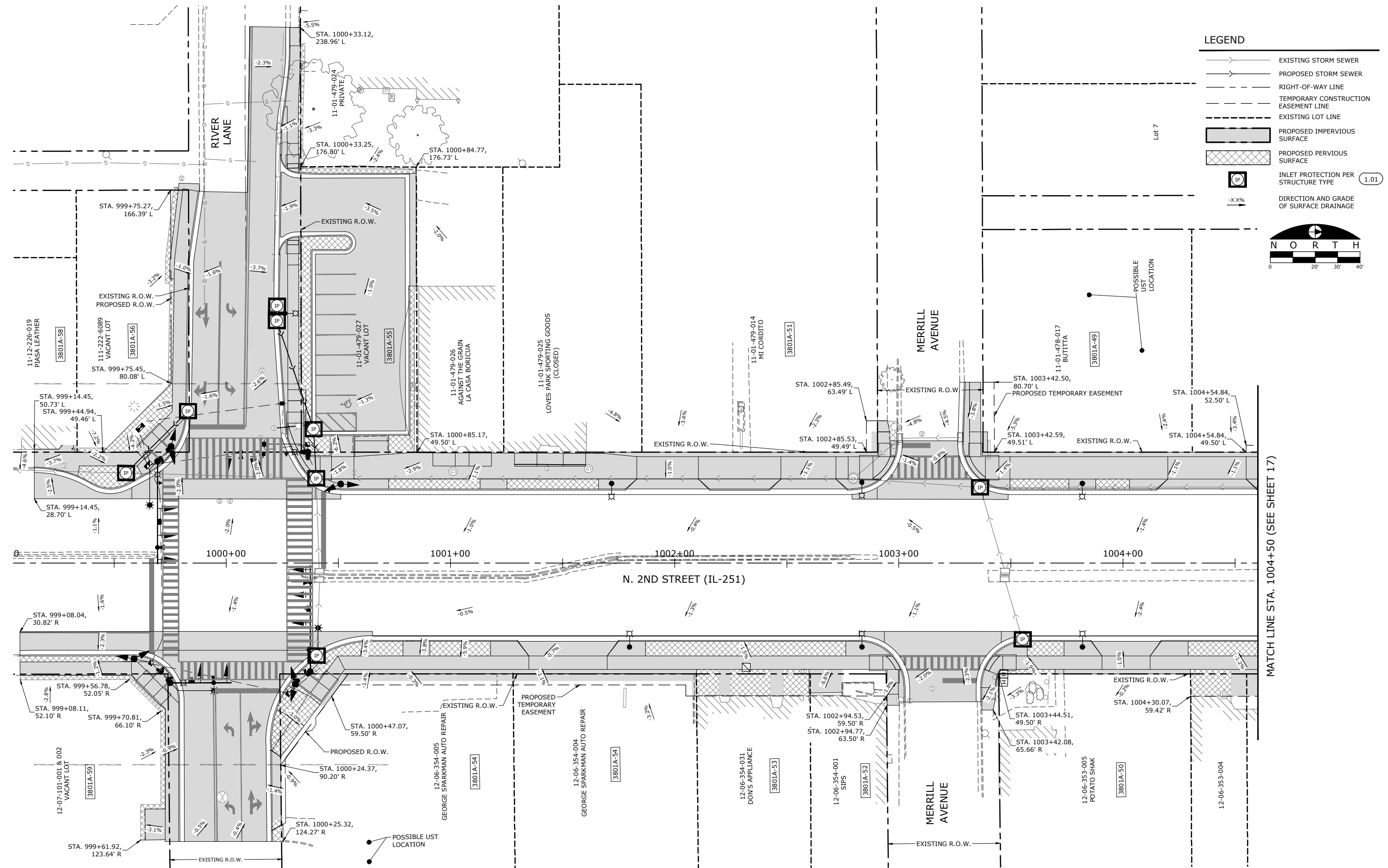
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 DESIGNED - WJC
 DRAWN - RMG
 CHECKED - JSL
 DATE = 11-18-2025

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STAGING PLAN STA. 1016+50 TO STA. 1021+25

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	15
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				



LEGEND

- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- RIGHT-OF-WAY LINE
- TEMPORARY CONSTRUCTION EASEMENT LINE
- EXISTING LOT LINE
- PROPOSED IMPERVIOUS SURFACE
- PROPOSED PERVIOUS SURFACE
- INLET PROTECTION PER STRUCTURE TYPE 1.01
- DIRECTION AND GRADE OF SURFACE DRAINAGE

NORTH

0 20' 30' 40'

MATCH LINE STA. 1004+50 (SEE SHEET 17)

FILE NAME
g:\projects\17 n 2nd street streetscape
improvement\dwg\engineering plans\17p (river in to
wind)\erosion control plan.dwg

USER NAME = Bill Clasen
DESIGNED - WJC
DRAWN - RMG
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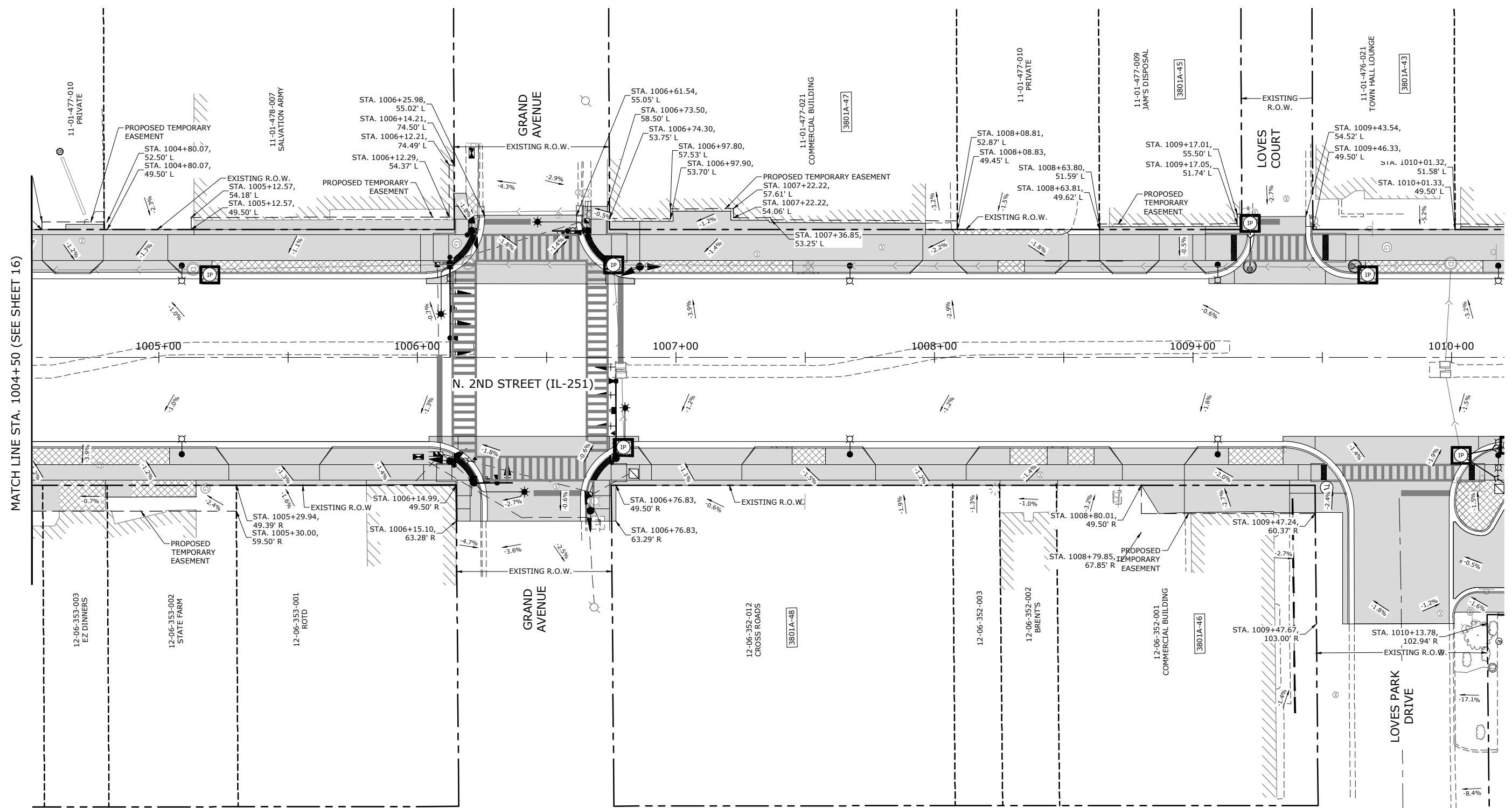
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SWPPP SITE MAP STA. 999+00 TO 1004+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	16
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				

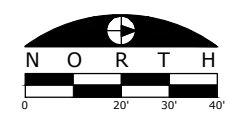


MATCH LINE STA. 1004+50 (SEE SHEET 16)

MATCH LINE STA. 1010+25 (SEE SHEET 18)

LEGEND

- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- RIGHT-OF-WAY LINE
- TEMPORARY CONSTRUCTION EASEMENT LINE
- EXISTING LOT LINE
- PROPOSED IMPERVIOUS SURFACE
- PROPOSED PERVIOUS SURFACE
- INLET PROTECTION PER STRUCTURE TYPE (1.01)
- DIRECTION AND GRADE OF SURFACE DRAINAGE



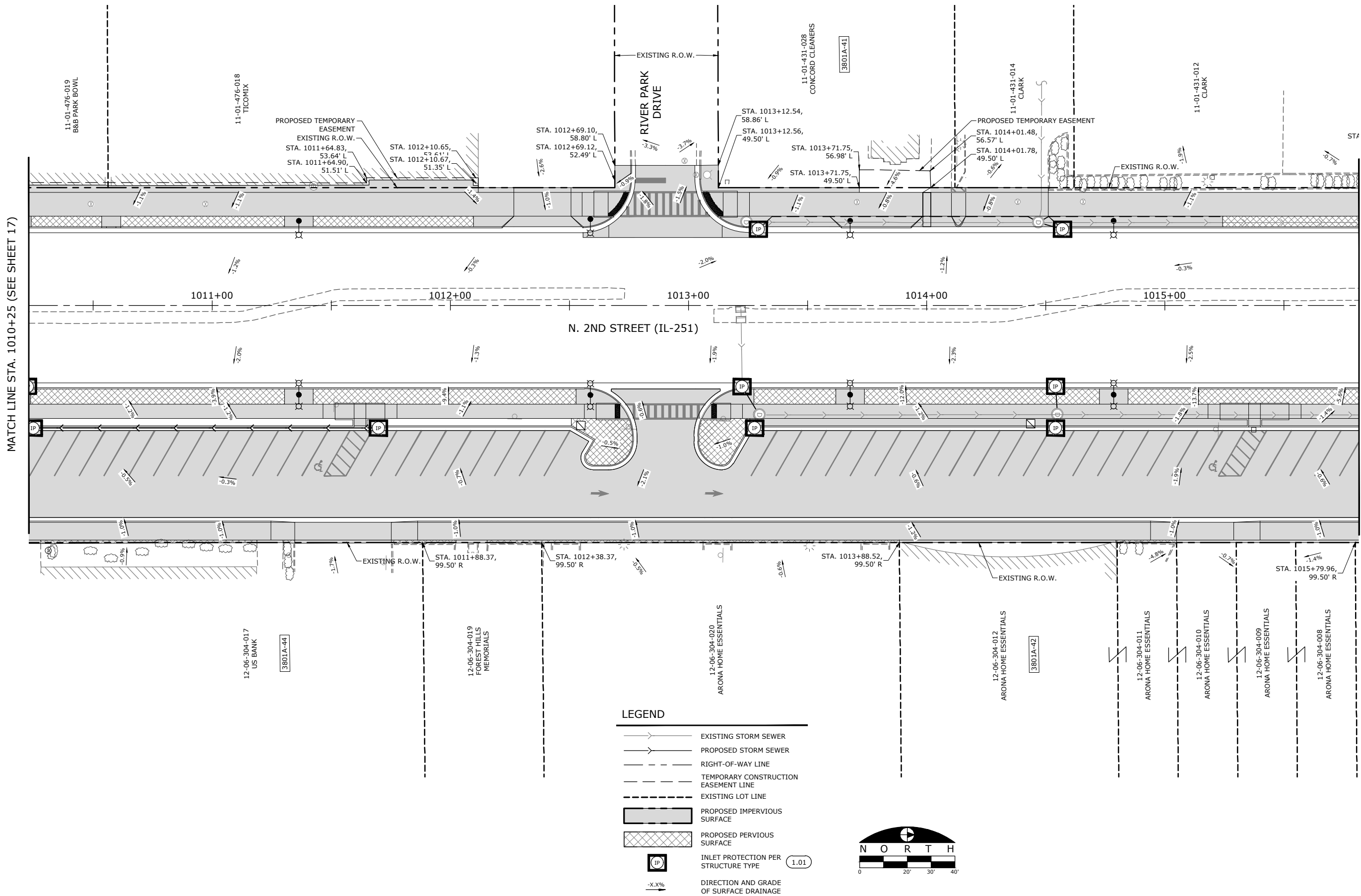
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PLOT SCALE = 1/8" = 1'-0"	DRAWN - RMG	REVISED - ---
PLOT DATE = 11-18-2025	CHECKED - JSL	REVISED - ---
	DATE - 11-18-2025	REVISED - ---

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SWPPP SITE MAP STA. 1004+50 TO STA. 1010+25

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	17
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				

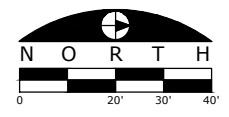


MATCH LINE STA. 1010+25 (SEE SHEET 17)

MATCH LINE STA. 1015+75 (SEE SHEET 19)

LEGEND

- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- RIGHT-OF-WAY LINE
- TEMPORARY CONSTRUCTION EASEMENT LINE
- EXISTING LOT LINE
- PROPOSED IMPERVIOUS SURFACE
- PROPOSED PERVIOUS SURFACE
- INLET PROTECTION PER STRUCTURE TYPE 1.01
- DIRECTION AND GRADE OF SURFACE DRAINAGE



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USER NAME = Bill Clasen
PLOT SCALE = 1/8" = 1'-0"
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DATE - 11-18-2025

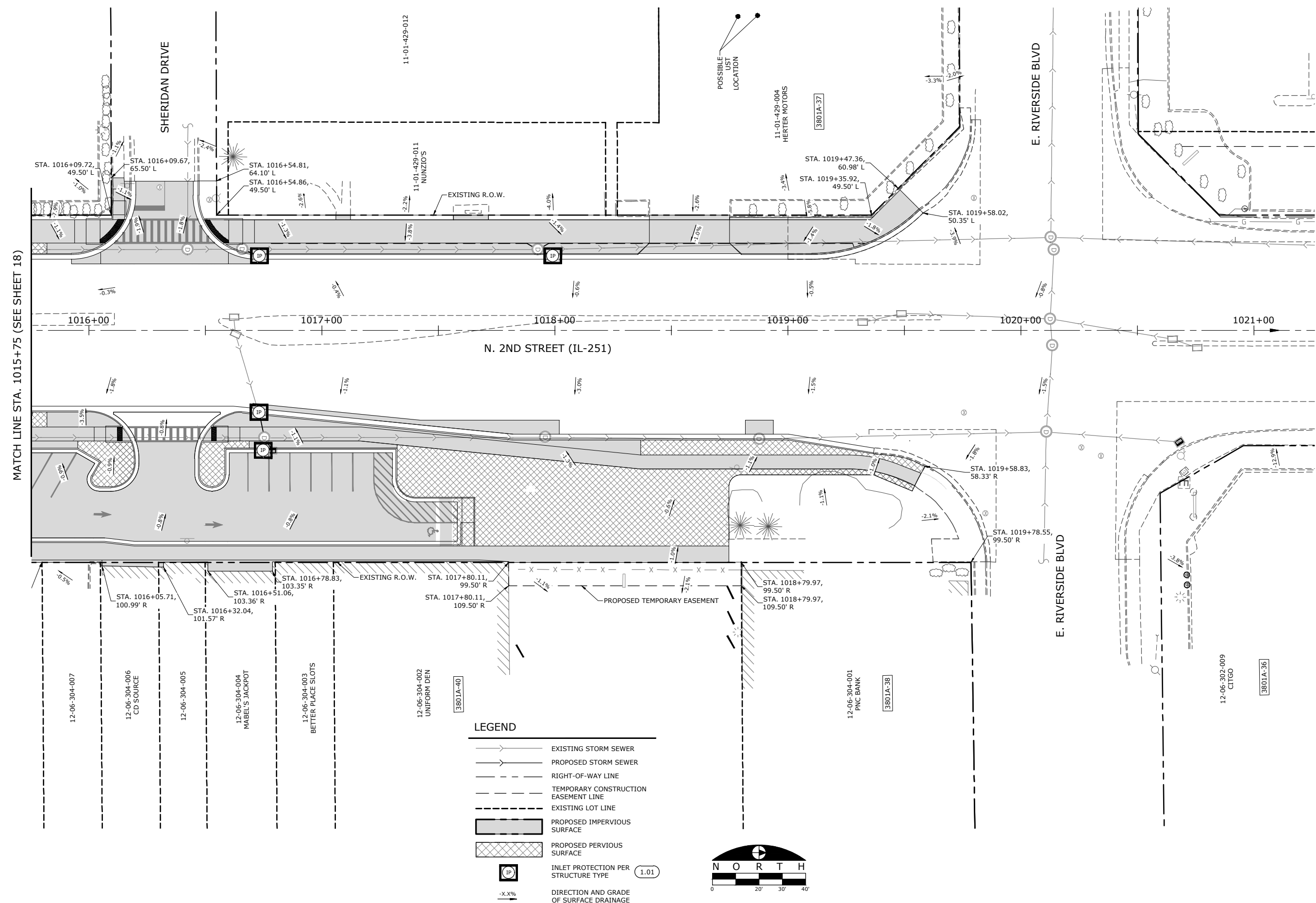
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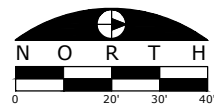
SWPPP SITE MAP STA. 1010+25 TO STA. 1015+75

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	18
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				



LEGEND

- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- RIGHT-OF-WAY LINE
- TEMPORARY CONSTRUCTION EASEMENT LINE
- EXISTING LOT LINE
- PROPOSED IMPERVIOUS SURFACE
- PROPOSED PERVIOUS SURFACE
- INLET PROTECTION PER STRUCTURE TYPE (1.01)
- DIRECTION AND GRADE OF SURFACE DRAINAGE (-X.X%)



FILE NAME
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USER NAME = Bill Clasen
DESIGNED - WJC
REVISIONS
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REVISIONS
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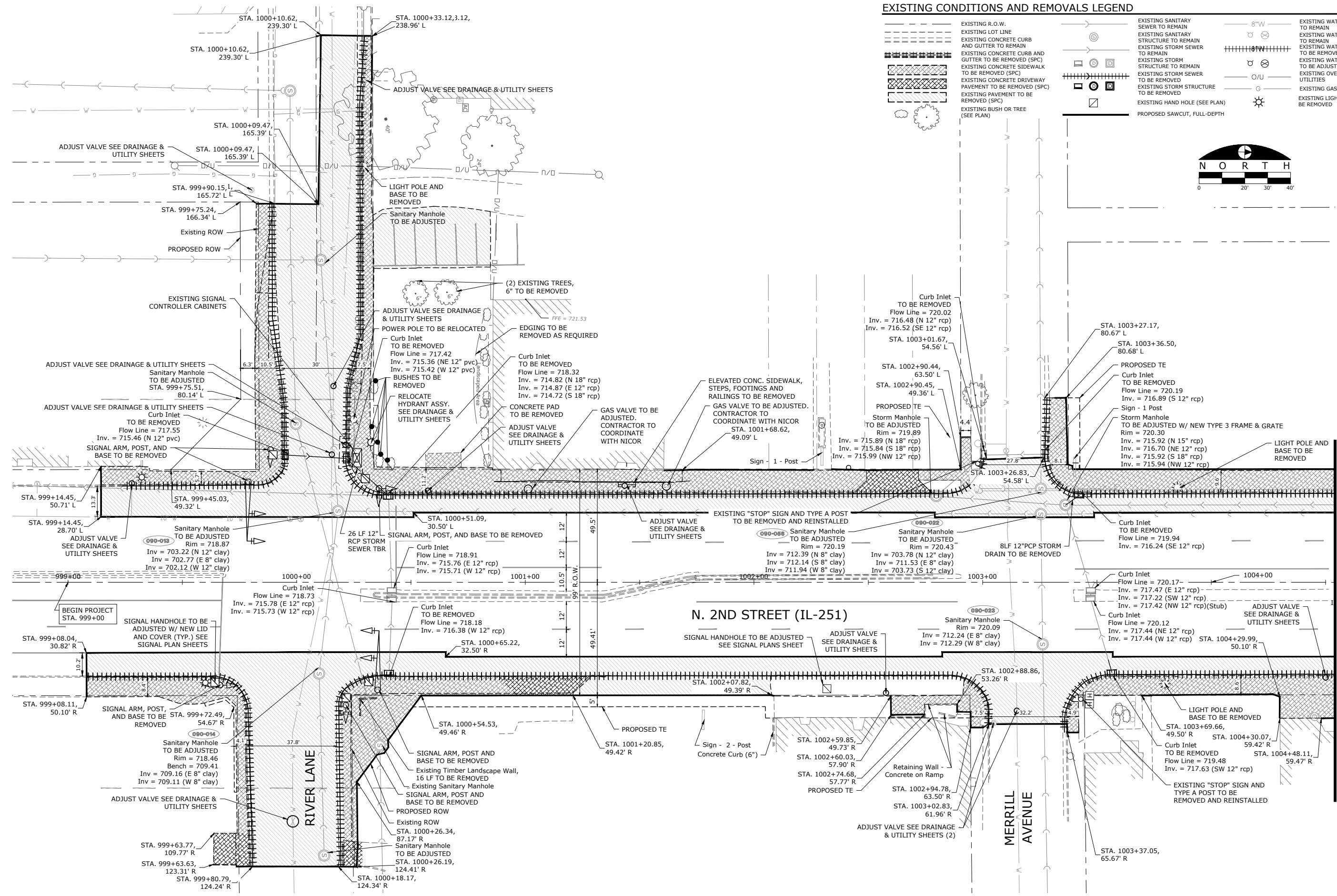
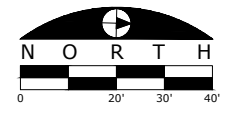
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SWPPP SITE MAP STA. 1015+75 TO STA. 1021+25

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	19
ILLINOIS FED. AID PROJECT				

EXISTING CONDITIONS AND REMOVALS LEGEND

	EXISTING R.O.W.		EXISTING SANITARY SEWER TO REMAIN		EXISTING WATER MAIN TO REMAIN
	EXISTING LOT LINE		EXISTING SANITARY STRUCTURE TO REMAIN		EXISTING WATER APPURTENANCE TO REMAIN
	EXISTING CONCRETE CURB AND GUTTER TO REMAIN		EXISTING STORM SEWER TO REMAIN		EXISTING WATER MAIN TO BE REMOVED
	EXISTING CONCRETE CURB AND GUTTER TO BE REMOVED (SPC)		EXISTING STORM SEWER STRUCTURE TO REMAIN		EXISTING WATER APPURTENANCE TO BE ADJUSTED
	EXISTING CONCRETE DRIVEWAY PAVEMENT TO BE REMOVED (SPC)		EXISTING STORM SEWER TO BE REMOVED		EXISTING OVERHEAD UTILITIES
	EXISTING PAVEMENT TO BE REMOVED (SPC)		EXISTING STORM STRUCTURE TO BE REMOVED		EXISTING GAS MAIN
	EXISTING BUSH OR TREE (SEE PLAN)		EXISTING HAND HOLE (SEE PLAN)		EXISTING LIGHT TO BE REMOVED
			PROPOSED SAWCUT, FULL-DEPTH		



MATCH LINE STA. 1004+50 (SEE SHEET 21)

FILE NAME: s:\projects\19117 n 2nd street streetscape improvement\dwg\engineering plans\top (river in to windsor)\removal plans.dwg

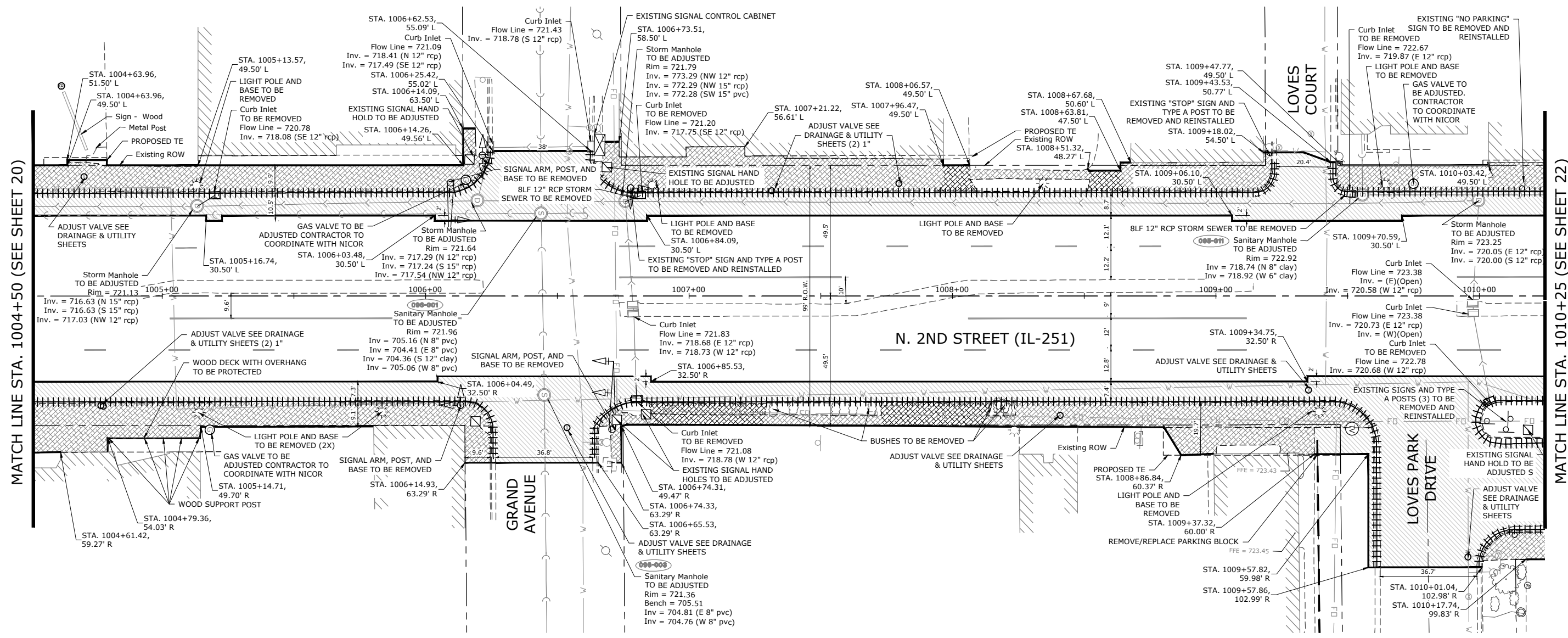
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PLOT DATE = 11-18-2025	CHECKED - JSL	REVISED - ----
	DATE - 11-18-2025	REVISED - ----

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REMOVAL PLAN STA. 999+00 TO STA. 1004+50

F.A.P. RTE. 303	SECTION 21-00078-01-SW	COUNTY WINNEBAGO	TOTAL SHEETS 85	SHEET NO. 20
ILLINOIS FED. AID PROJECT				

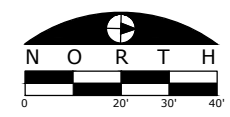


MATCH LINE STA. 1004+50 (SEE SHEET 20)

MATCH LINE STA. 1010+25 (SEE SHEET 22)

EXISTING CONDITIONS AND REMOVALS LEGEND

	EXISTING R.O.W.		EXISTING SANITARY SEWER TO REMAIN		8" W EXISTING WATER MAIN TO REMAIN
	EXISTING LOT LINE		EXISTING SANITARY STRUCTURE TO REMAIN		EXISTING WATER MAIN TO REMAIN
	EXISTING CONCRETE CURB AND GUTTER TO REMAIN		EXISTING STORM SEWER TO REMAIN		EXISTING WATER APPURTENANCE TO BE REMOVED
	EXISTING CONCRETE CURB AND GUTTER TO BE REMOVED (SPC)		EXISTING STORM STRUCTURE TO REMAIN		EXISTING WATER APPURTENANCE TO BE ADJUSTED
	EXISTING CONCRETE SIDEWALK TO BE REMOVED (SPC)		EXISTING STORM SEWER TO BE REMOVED		EXISTING OVERHEAD UTILITIES
	EXISTING CONCRETE DRIVEWAY PAVEMENT TO BE REMOVED (SPC)		EXISTING STORM STRUCTURE TO BE REMOVED		EXISTING GAS MAIN
	EXISTING PAVEMENT TO BE REMOVED (SPC)		EXISTING HAND HOLE (SEE PLAN)		EXISTING LIGHT TO BE REMOVED
	EXISTING BUSH OR TREE (SEE PLAN)		PROPOSED SAWCUT, FULL-DEPTH		



FILE NAME
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USER NAME = Bill Clasen
PLOT SCALB: 1/8"=1'-0"
PLOT DATE = 11-18-2025

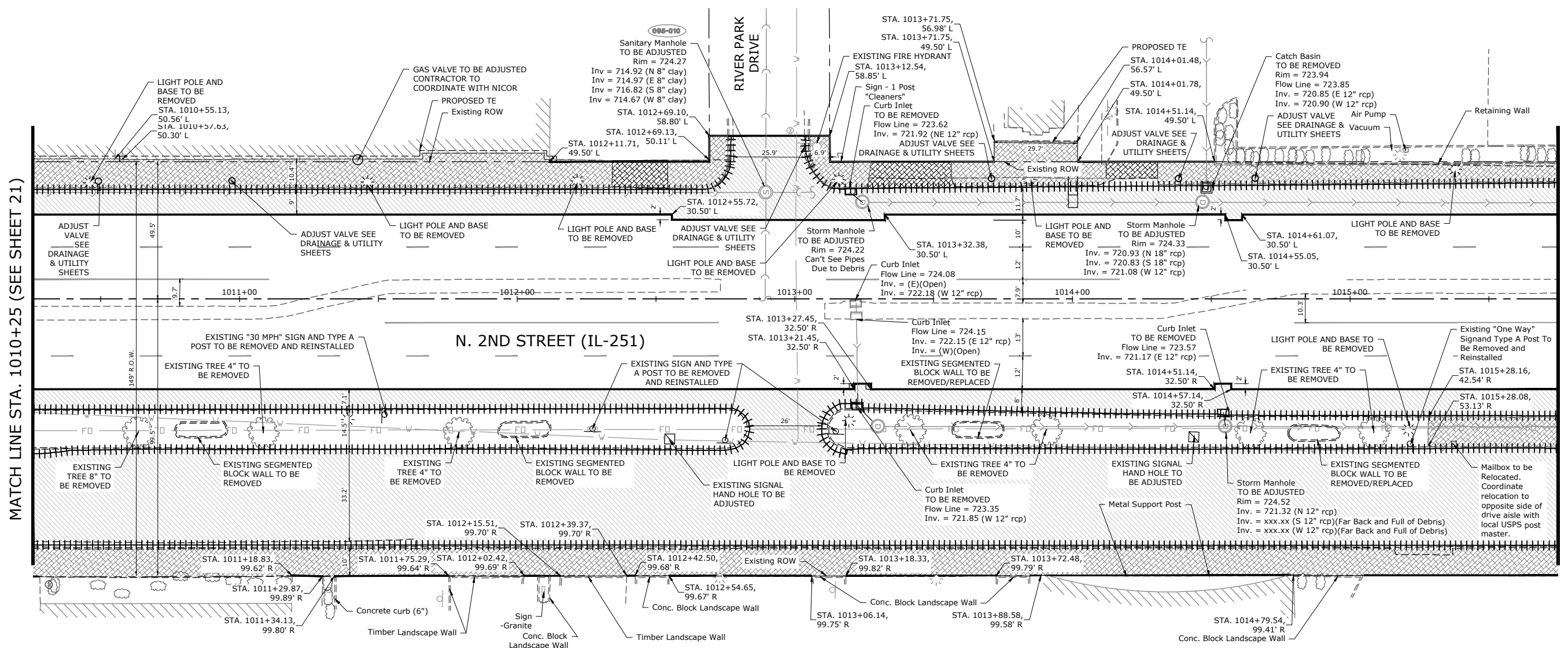
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DATE - 11-18-2025

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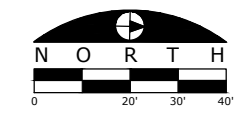
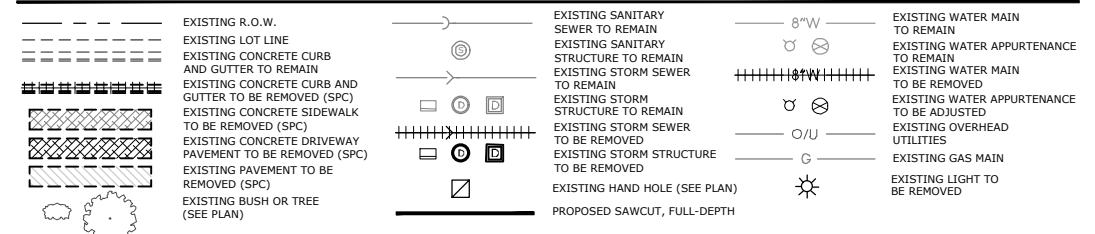
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REMOVAL PLAN STA. 1004+50 TO STA. 1010+25

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	21
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				



EXISTING CONDITIONS AND REMOVALS LEGEND



FILE NAME
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 streetscape
 improvement\dwg\engineering
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 windsor)\removal plans.dwg

USER NAME = Bill Clasen	DESIGNED - WJC	REVISED - ----
	DRAWN - RMG	REVISED - ----
PLOT SCALB=20	CHECKED - JSL	REVISED - ----
PLOT DATE = 11-18-2025	DATE - 11-18-2025	REVISED - ----

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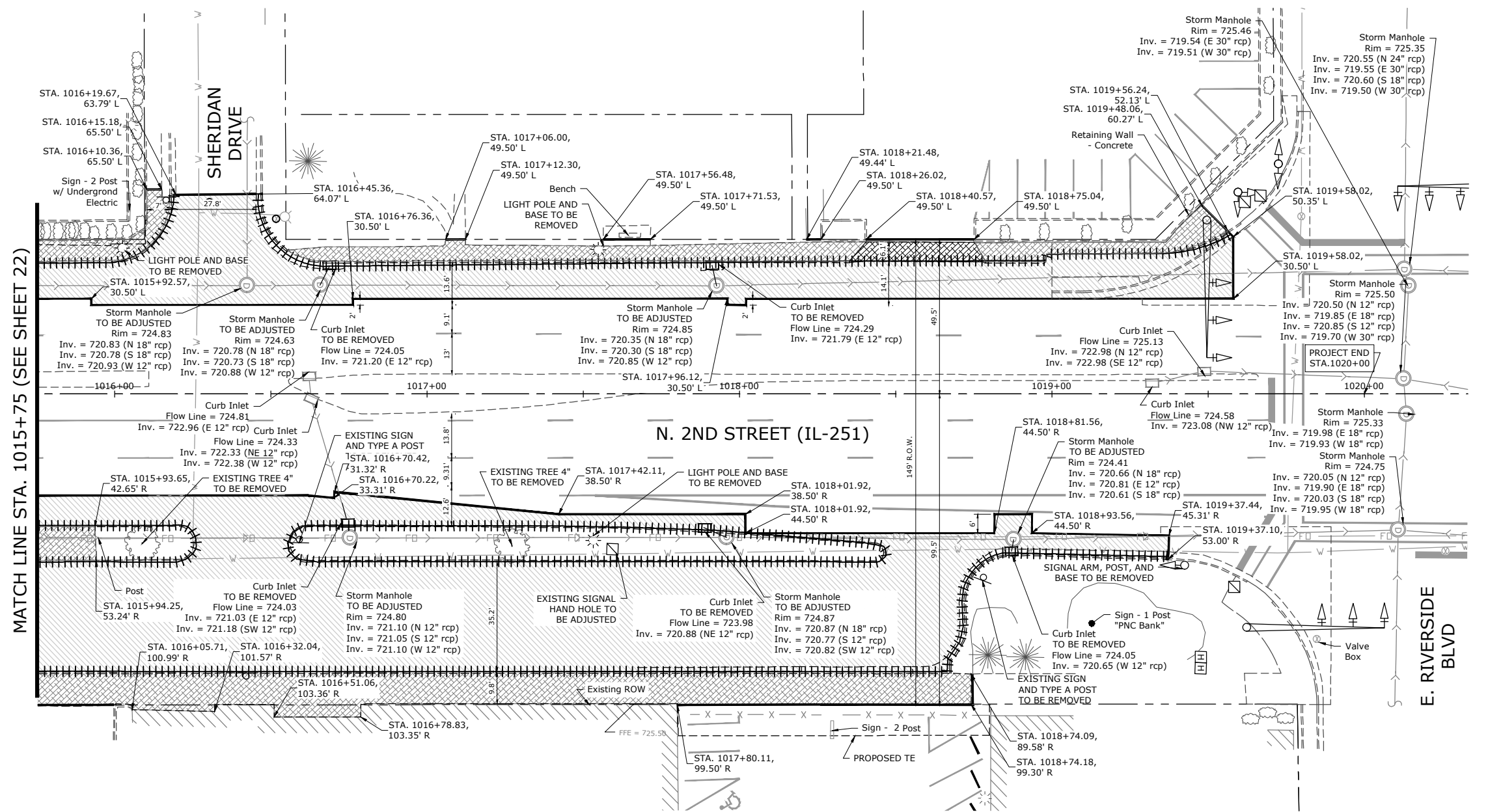
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REMOVAL PLAN STA. 1010+25 TO STA. 1015+75

F.A.P. RTE. 303	SECTION 21-00078-01-SW	COUNTY WINNEBAGO	TOTAL SHEETS 85	SHEET NO. 22
ILLINOIS FED. AID PROJECT				

MATCH LINE STA. 1010+25 (SEE SHEET 21)

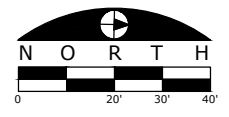
MATCH LINE STA. 1015+75 (SEE SHEET 23)



MATCH LINE STA. 1015+75 (SEE SHEET 22)

EXISTING CONDITIONS AND REMOVALS LEGEND

	EXISTING R.O.W.		EXISTING SANITARY SEWER TO REMAIN		EXISTING WATER MAIN TO REMAIN
	EXISTING LOT LINE		EXISTING SANITARY STRUCTURE TO REMAIN		EXISTING WATER APPURTENANCE TO REMAIN
	EXISTING CONCRETE CURB AND GUTTER TO REMAIN		EXISTING STORM SEWER TO REMAIN		EXISTING WATER MAIN TO BE REMOVED
	EXISTING CONCRETE CURB AND GUTTER TO BE REMOVED (SPC)		EXISTING STORM SEWER TO REMAIN		EXISTING WATER APPURTENANCE TO BE ADJUSTED
	EXISTING CONCRETE SIDEWALK TO BE REMOVED (SPC)		EXISTING STORM SEWER TO BE REMOVED		EXISTING OVERHEAD UTILITIES
	EXISTING CONCRETE DRIVEWAY PAVEMENT TO BE REMOVED (SPC)		EXISTING STORM STRUCTURE TO BE REMOVED		EXISTING GAS MAIN
	EXISTING PAVEMENT TO BE REMOVED (SPC)		EXISTING HAND HOLE (SEE PLAN)		EXISTING LIGHT TO BE REMOVED
	EXISTING BUSH OR TREE (SEE PLAN)		PROPOSED SAWCUT, FULL-DEPTH		



FILE NAME: s:\projects\19117 n 2nd street streetscape improvement\dwg\engineering plans\19117 n 2nd street streetscape removal plans.dwg

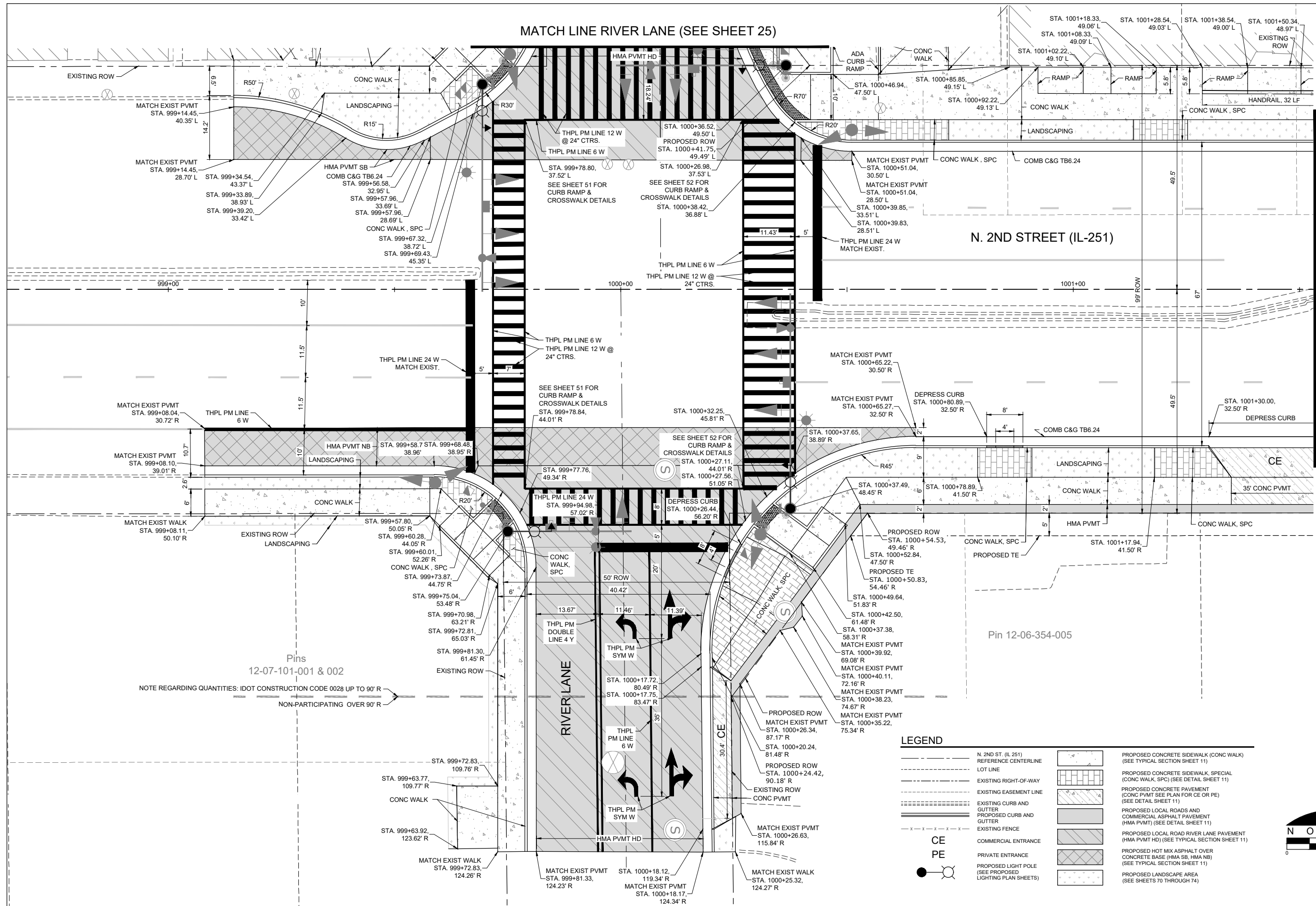
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PLOT SCALB: 1/8"=1'-0"	DRAWN - RMG	REVISED - ----
PLOT DATE = 11-18-2025	CHECKED - JSL	REVISED - ----
	DATE - 11-18-2025	REVISED - ----

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REMOVAL PLAN STA. 1015+75 TO STA. 1021+25

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	23
ILLINOIS FED. AID PROJECT				

MATCH LINE RIVER LANE (SEE SHEET 25)

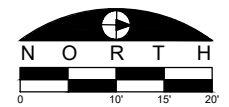


MATCH LINE STA. 1001+50 (SEE SHEET 26)

NOTE REGARDING QUANTITIES: IDOT CONSTRUCTION CODE 0028 UP TO 90' R
NON-PARTICIPATING OVER 90' R

LEGEND

- N. 2ND ST. (IL 251) REFERENCE CENTERLINE
- - - - - LOT LINE
- - - - - EXISTING RIGHT-OF-WAY
- - - - - EXISTING EASEMENT LINE
- ===== EXISTING CURB AND GUTTER
- ===== PROPOSED CURB AND GUTTER
- x - x - x - x - EXISTING FENCE
- ○ COMMERCIAL ENTRANCE
- ○ PRIVATE ENTRANCE
- ○ PROPOSED LIGHT POLE (SEE PROPOSED LIGHTING PLAN SHEETS)
- ▨ PROPOSED CONCRETE SIDEWALK (CONC WALK) (SEE TYPICAL SECTION SHEET 11)
- ▨ PROPOSED CONCRETE SIDEWALK, SPECIAL (CONC WALK, SPC) (SEE DETAIL SHEET 11)
- ▨ PROPOSED CONCRETE PAVEMENT (CONC PVMT) (SEE PLAN FOR CE OR PE) (SEE DETAIL SHEET 11)
- ▨ PROPOSED LOCAL ROADS AND COMMERCIAL ASPHALT PAVEMENT (HMA PVMT) (SEE DETAIL SHEET 11)
- ▨ PROPOSED LOCAL ROAD RIVER LANE PAVEMENT (HMA PVMT HD) (SEE TYPICAL SECTION SHEET 11)
- ▨ PROPOSED HOT MIX ASPHALT OVER CONCRETE BASE (HMA SB, HMA NB) (SEE TYPICAL SECTION SHEET 11)
- ▨ PROPOSED LANDSCAPE AREA (SEE SHEETS 70 THROUGH 74)



FILE NAME
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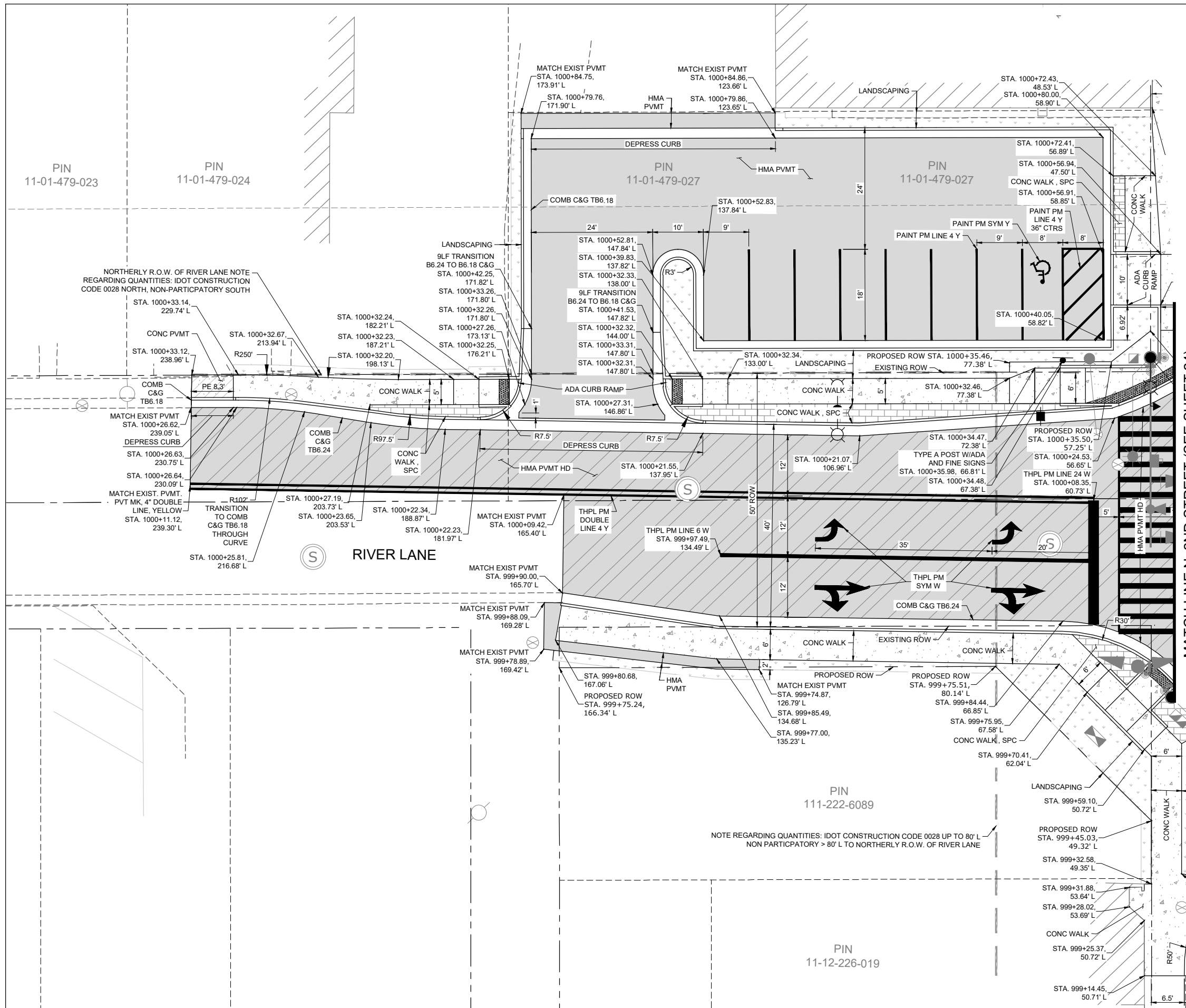
USER NAME = Bill Clasen
DESIGNED - WJC
DRAWN - RMG
CHECKED - JSL
DATE - 11-18-2025

REVISED - ---
REVISED - ---
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LAYOUT PLAN - STA. 999+00 TO STA. 1001+50

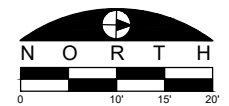
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	24
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				



MATCH LINE N. 2ND STREET (SEE SHEET 24)

LEGEND

- N 2ND ST. (L 251)
- REFERENCE CENTERLINE
- LOT LINE
- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT LINE
- EXISTING CURB AND GUTTER
- PROPOSED CURB AND GUTTER
- EXISTING FENCE
- ○ CE COMMERCIAL ENTRANCE
- ○ PE PRIVATE ENTRANCE
- ○ PROPOSED LIGHT POLE (SEE PROPOSED LIGHTING PLAN SHEETS)
- ▨ PROPOSED CONCRETE SIDEWALK (CONC WALK) (SEE TYPICAL SECTION SHEET 11)
- ▨ PROPOSED CONCRETE SIDEWALK, SPECIAL (CONC WALK, SPC) (SEE TYPICAL SECTION SHEET 11)
- ▨ PROPOSED CONCRETE PAVEMENT (CONC PVMT SEE PLAN FOR CE OR PE) (SEE TYPICAL SECTION SHEET 11)
- ▨ PROPOSED LOCAL ROADS AND COMMERCIAL ASPHALT PAVEMENT (HMA PVMT) (SEE TYPICAL SECTION SHEET 11)
- ▨ PROPOSED LOCAL ROAD RIVER LANE PAVEMENT (HMA PVMT HD) (SEE TYPICAL SECTION SHEET 11)
- ▨ PROPOSED HOT MIX ASPHALT OVER CONCRETE BASE (HMA SB, HMA NB) (SEE TYPICAL SECTION SHEET 11)
- ▨ PROPOSED LANDSCAPE AREA (SEE SHEETS 70 THROUGH 74)



FILE NAME
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USER NAME =	Bill Clasen
DESIGNED -	WJC
DRAWN -	RMG
CHECKED -	JSL
DATE	11-18-2025

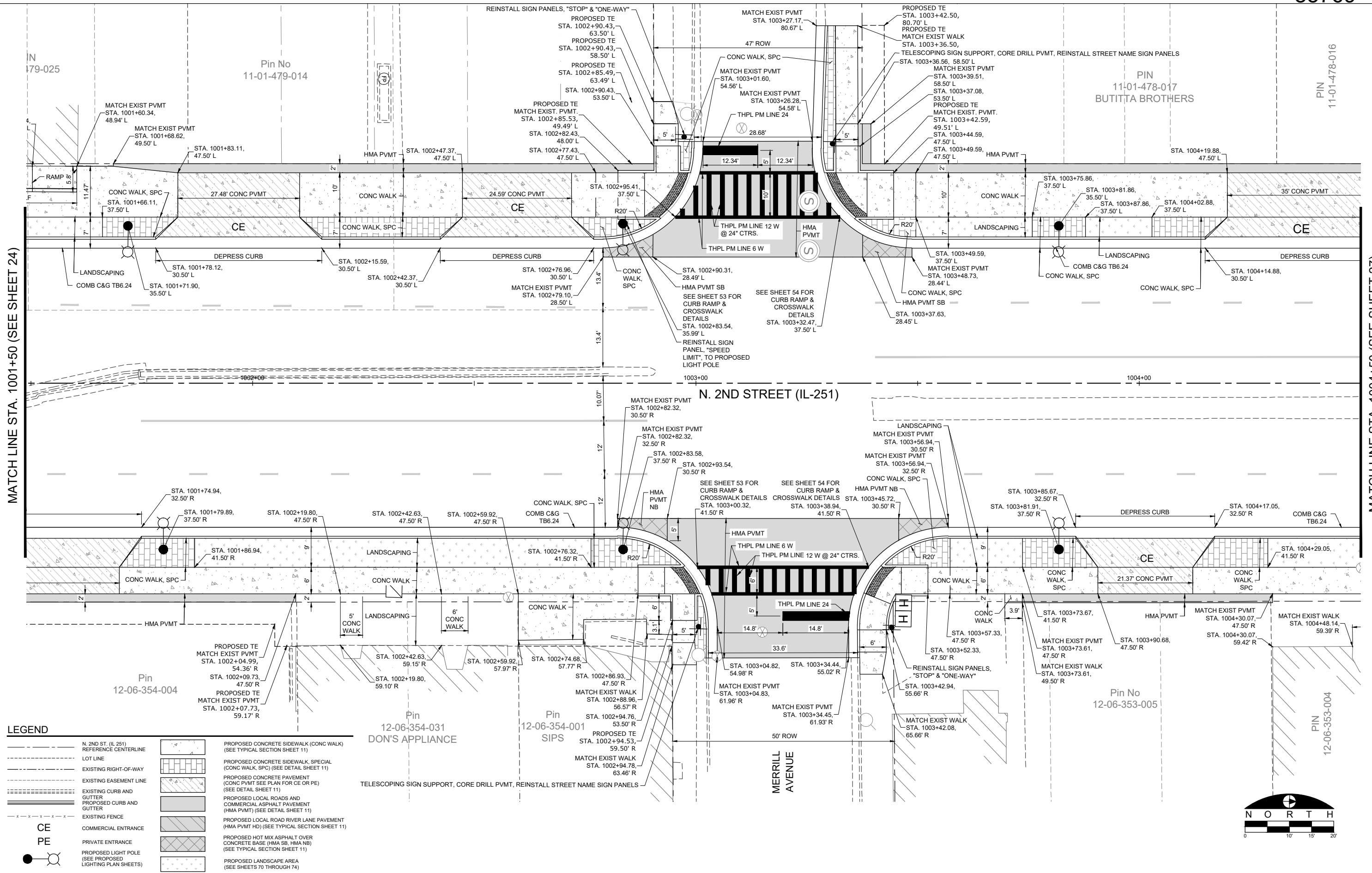
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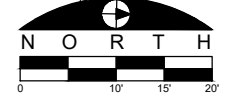
LAYOUT PLAN - RIVER LANE (W)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	25
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				



LEGEND

	N. 2ND ST. (IL 251) REFERENCE CENTERLINE (SEE TYPICAL SECTION SHEET 11)
	LOT LINE
	EXISTING RIGHT-OF-WAY
	EXISTING EASEMENT LINE
	EXISTING CURB AND GUTTER
	PROPOSED CURB AND GUTTER
	EXISTING FENCE
	COMMERCIAL ENTRANCE
	PRIVATE ENTRANCE
	PROPOSED LIGHT POLE (SEE PROPOSED LIGHTING PLAN SHEETS)
	PROPOSED CONCRETE SIDEWALK (CONC WALK) (SEE TYPICAL SECTION SHEET 11)
	PROPOSED CONCRETE SIDEWALK, SPECIAL (CONC WALK, SPC) (SEE DETAIL SHEET 11)
	PROPOSED CONCRETE PAVEMENT (CONC PVMT SEE PLAN FOR CE OR PE) (SEE DETAIL SHEET 11)
	PROPOSED LOCAL ROADS AND COMMERCIAL ASPHALT PAVEMENT (HMA PVMT) (SEE DETAIL SHEET 11)
	PROPOSED LOCAL ROAD RIVER LANE PAVEMENT (HMA PVMT HD) (SEE TYPICAL SECTION SHEET 11)
	PROPOSED HOT MIX ASPHALT OVER CONCRETE BASE (HMA SB, HMA NB) (SEE TYPICAL SECTION SHEET 11)
	PROPOSED LANDSCAPE AREA (SEE SHEETS 70 THROUGH 74)



FILE NAME
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improvement\dwg\engineering plans\117 (river in to
windors)\layout plan.dwg

USER NAME = Bill Clasen
DESIGNED - WJC
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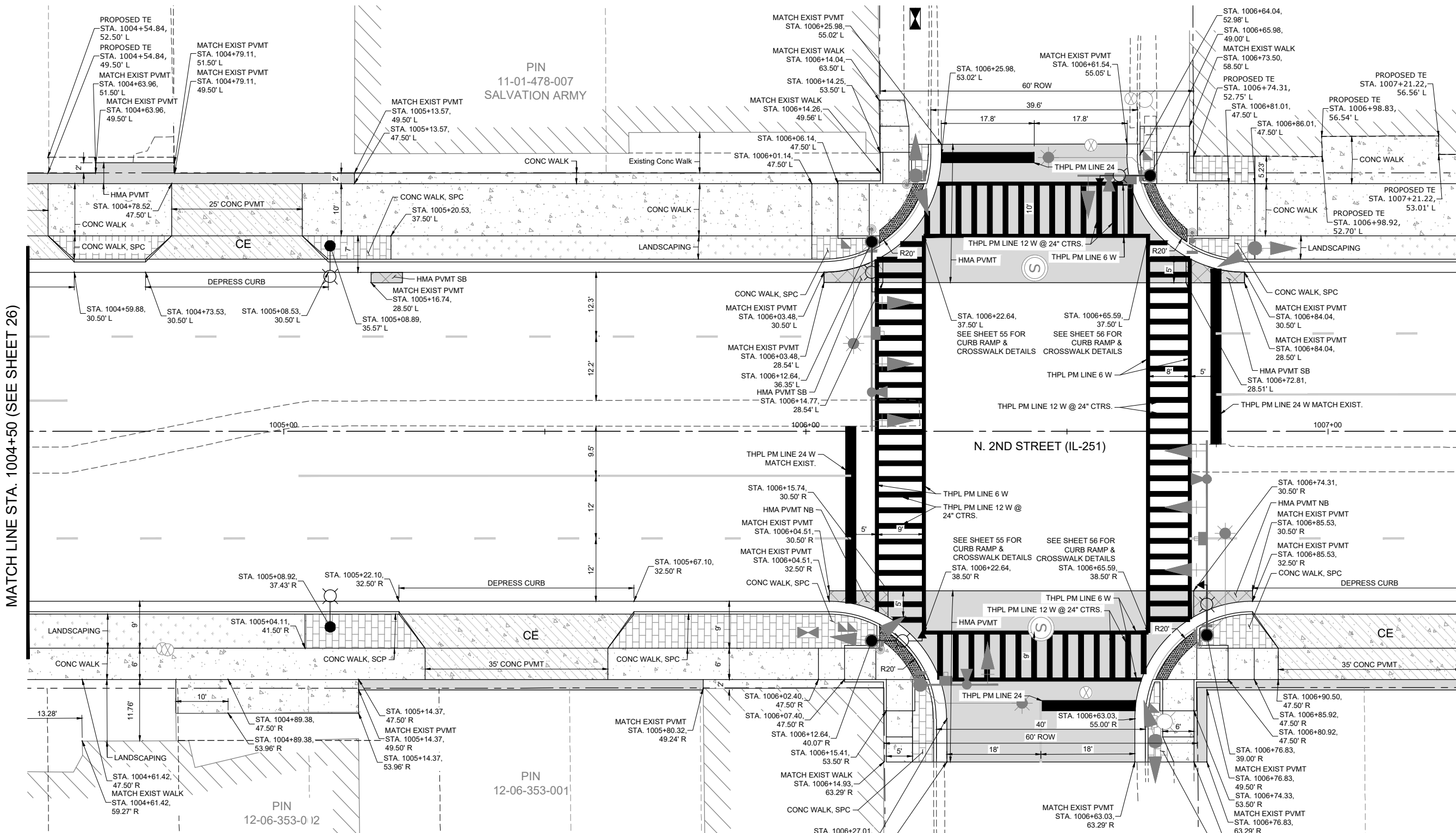
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LAYOUT PLAN - STA. 1001+50 TO STA. 1004+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	26
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				

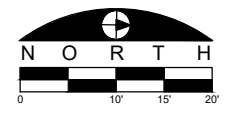


MATCH LINE STA. 1004+50 (SEE SHEET 26)

MATCH LINE STA. 1007+25 (SEE SHEET 28)

LEGEND

	N. 2ND ST. (IL 251) REFERENCE CENTERLINE (SEE TYPICAL SECTION SHEET 11)		PROPOSED CONCRETE SIDEWALK (CONC WALK) (SEE TYPICAL SECTION SHEET 11)
	LOT LINE		PROPOSED CONCRETE SIDEWALK, SPECIAL (CONC WALK, SPC) (SEE DETAIL SHEET 11)
	EXISTING RIGHT-OF-WAY		PROPOSED CONCRETE PAVEMENT (CONC PVMT SEE PLAN FOR CE OR PE) (SEE DETAIL SHEET 11)
	EXISTING EASEMENT LINE		PROPOSED LOCAL ROADS AND COMMERCIAL ASPHALT PAVEMENT (HMA PVMT) (SEE DETAIL SHEET 11)
	EXISTING CURB AND GUTTER		PROPOSED LOCAL ROAD RIVER LANE PAVEMENT (HMA PVMT HD) (SEE TYPICAL SECTION SHEET 11)
	PROPOSED CURB AND GUTTER		PROPOSED HOT MIX ASPHALT OVER CONCRETE BASE (HMA SB, HMA NB) (SEE TYPICAL SECTION SHEET 11)
	EXISTING FENCE		PROPOSED LANDSCAPE AREA (SEE SHEETS 70 THROUGH 74)
	COMMERCIAL ENTRANCE		
	PRIVATE ENTRANCE		
	PROPOSED LIGHT POLE (SEE PROPOSED LIGHTING PLAN SHEETS)		



FILE NAME
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USER NAME = Bill Clasen
DESIGNED - WJC
DRAWN - RMG
CHECKED - JSL
PLOT DATE = 11-18-2025

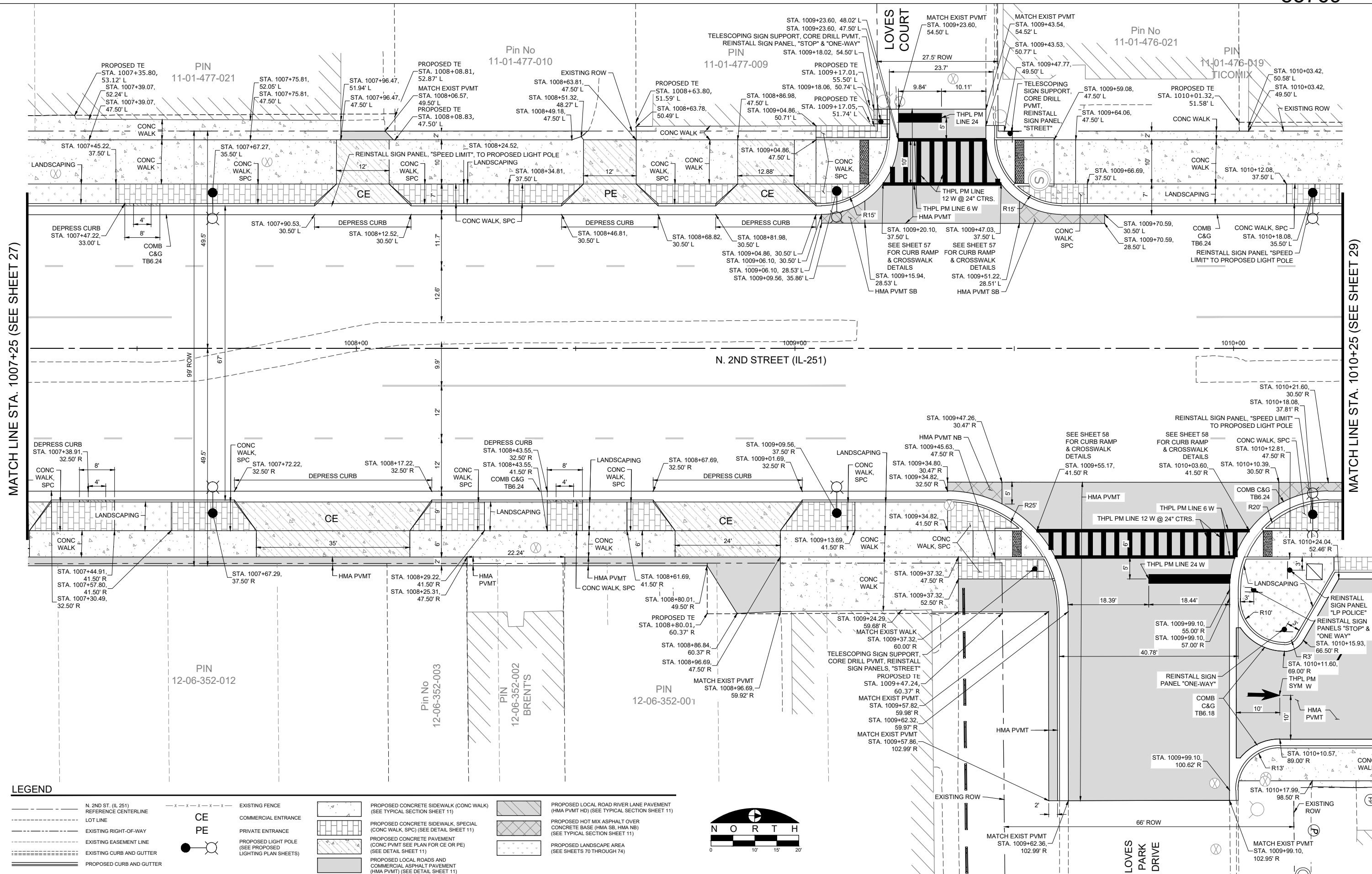
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PIN 11-01-478-007 SALVATION ARMY
PIN 12-06-353-001
PIN 12-06-353-012
PIN 12-06-353-003

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LAYOUT PLAN - STA. 1004+50 TO STA. 1007+25

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	27
ILLINOIS FED. AID PROJECT				

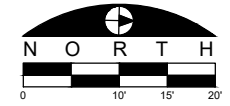


MATCH LINE STA. 1007+25 (SEE SHEET 27)

MATCH LINE STA. 1010+25 (SEE SHEET 29)

LEGEND

- N. 2ND ST. (IL 251) REFERENCE CENTERLINE
- LOT LINE
- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT LINE
- EXISTING CURB AND GUTTER
- PROPOSED CURB AND GUTTER
- EXISTING FENCE
- CE COMMERCIAL ENTRANCE
- PE PRIVATE ENTRANCE
- PROPOSED LIGHT POLE (SEE PROPOSED LIGHTING PLAN SHEETS)
- PROPOSED CONCRETE SIDEWALK (CONC WALK) (SEE TYPICAL SECTION SHEET 11)
- PROPOSED CONCRETE SIDEWALK, SPECIAL (CONC WALK, SPC) (SEE DETAIL SHEET 11)
- PROPOSED CONCRETE PAVEMENT (CONC PVMT SEE PLAN FOR CE OR PE) (SEE DETAIL SHEET 11)
- PROPOSED LOCAL ROADS AND COMMERCIAL ASPHALT PAVEMENT (HMA PVMT) (SEE DETAIL SHEET 11)
- PROPOSED LOCAL ROAD RIVER LANE PAVEMENT (HMA PVMT HD) (SEE TYPICAL SECTION SHEET 11)
- PROPOSED HOT MIX ASPHALT OVER CONCRETE BASE (HMA SB, HMA NB) (SEE TYPICAL SECTION SHEET 11)
- PROPOSED CONCRETE PAVEMENT (CONC PVMT SEE PLAN FOR CE OR PE) (SEE DETAIL SHEET 11)
- PROPOSED LANDSCAPE AREA (SEE SHEETS 70 THROUGH 74)



FILE NAME
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USER NAME = Bill Clasen	DESIGNED - WJC	REVISED - ---
PLOT SCALE = 1/8" = 1'-0"	DRAWN - RMG	REVISED - ---
PLOT DATE = 11-18-2025	CHECKED - JSL	REVISED - ---
	DATE - 11-18-2025	REVISED - ---

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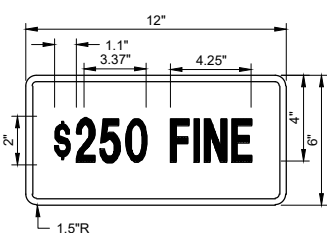
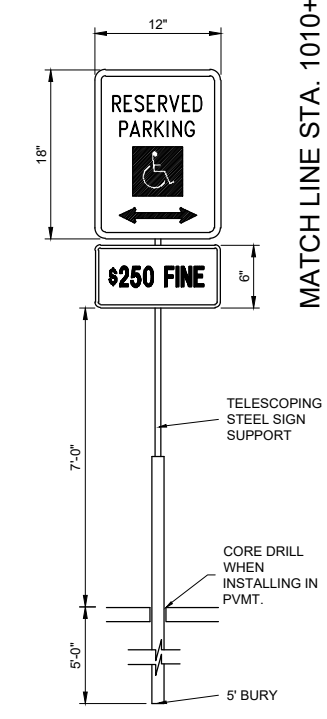
LAYOUT PLAN - STA. 1007+25 TO STA. 1010+25

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	28
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				

ADA PARKING SIGN PANELS

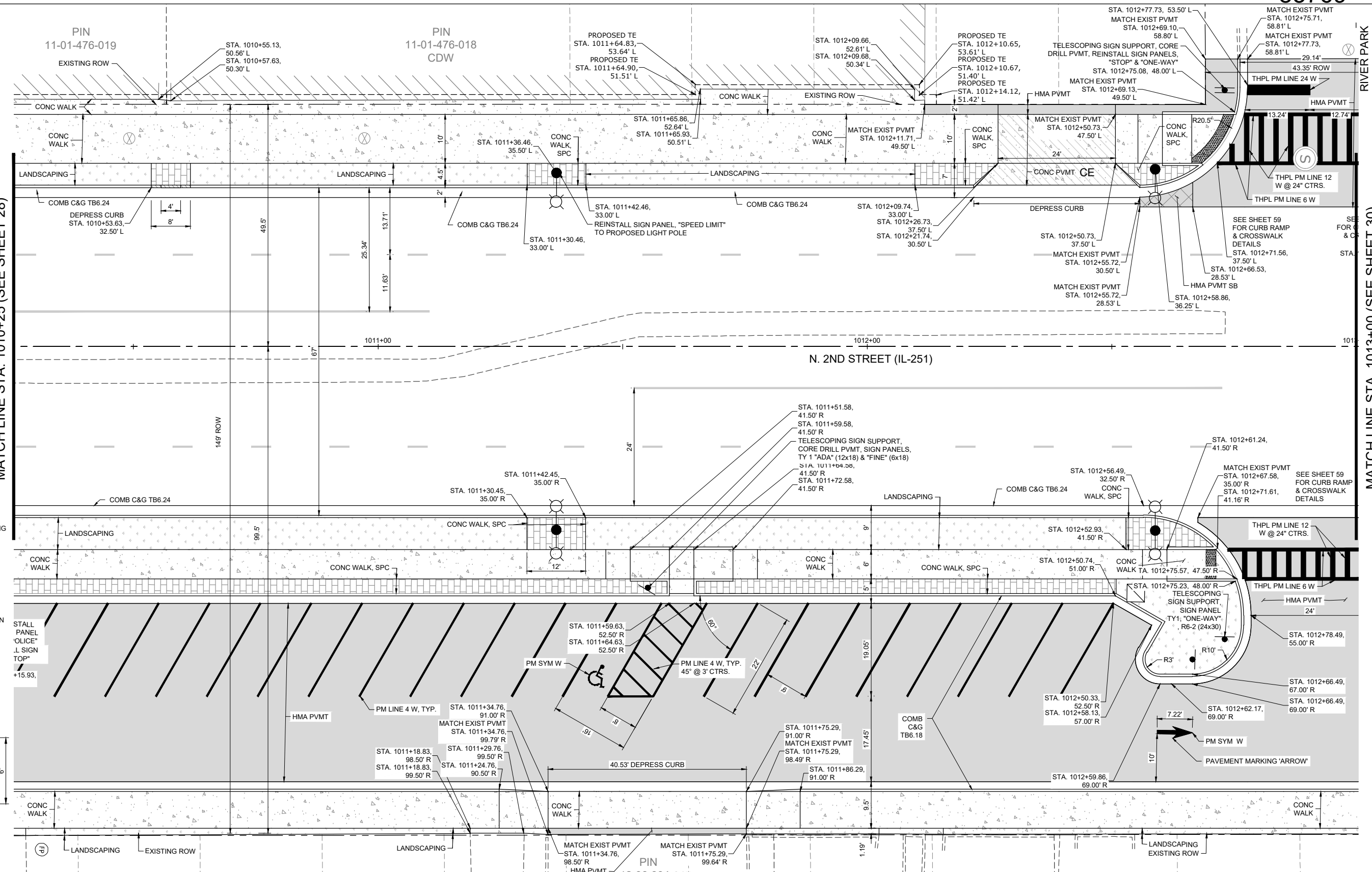
MUTCD R7-8 18" X 12" INTERNATIONAL HANDICAP SYMBOL. COLOR: WHITE BACKGROUND, GREEN TEXT, ARROW, AND BORDER. WHITE SYMBOL ON BLUE BACKGROUND.

MUTCD R7-1101 18" X 6" FINE: \$250. COLOR: WHITE BACKGROUND, GREEN TEXT AND BORDER.



MATCH LINE STA. 1010+25 (SEE SHEET 28)

MATCH LINE STA. 1013+00 (SEE SHEET 30)



LEGEND

	N. 2ND ST. (IL 251) REFERENCE CENTERLINE		EXISTING FENCE		PROPOSED CONCRETE SIDEWALK (CONC WALK) (SEE TYPICAL SECTION SHEET 11)		PROPOSED LOCAL ROAD RIVER LANE PAVEMENT (HMA PVMT HD) (SEE TYPICAL SECTION SHEET 11)
	LOT LINE		COMMERCIAL ENTRANCE		PROPOSED CONCRETE SIDEWALK, SPECIAL (CONC WALK, SPC) (SEE DETAIL SHEET 11)		PROPOSED HOT MIX ASPHALT OVER CONCRETE BASE (HMA SB, HMA NB) (SEE TYPICAL SECTION SHEET 11)
	EXISTING RIGHT-OF-WAY		PRIVATE ENTRANCE		PROPOSED CONCRETE PAVEMENT (CONC PVMT SEE PLAN FOR CE OR PE) (SEE DETAIL SHEET 11)		PROPOSED LANDSCAPE AREA (SEE SHEETS 70 THROUGH 74)
	EXISTING EASEMENT LINE		PROPOSED LIGHT POLE (SEE PROPOSED LIGHTING PLAN SHEETS)		PROPOSED LOCAL ROADS AND COMMERCIAL ASPHALT PAVEMENT (HMA PVMT) (SEE DETAIL SHEET 11)		
	EXISTING CURB AND GUTTER						
	PROPOSED CURB AND GUTTER						

FILE NAME: g:\projects\117 n 2nd street streetscape improvement\dwg\engineering plans\ltp (river in to windsor)\layout plan.dwg

USER NAME = Bill Clasen

DESIGNED - WJC

DRAWN - RMG

CHECKED - JSL

DATE - 11-18-2025

REVISIONS:

REVISED -	---
REVISED -	---
REVISED -	---
REVISED -	---

PIN 12-06-304-017

PIN 12-06-304-019

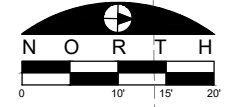
PIN 12-06-304-019 FOREST HILLS MEMORIALS

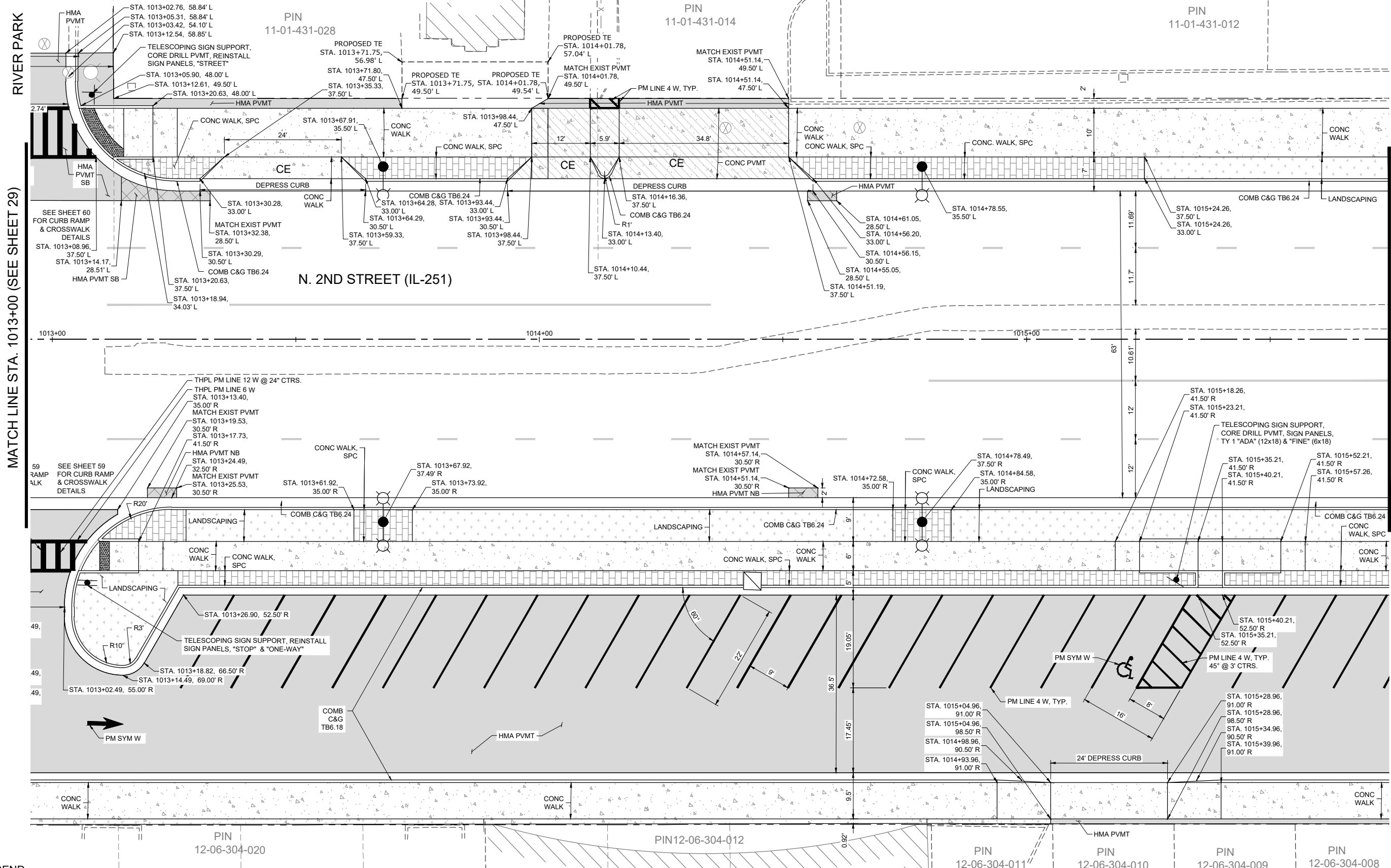
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LAYOUT PLAN - STA. 1010+25 TO STA. 1013+00

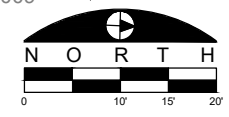
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	29
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				





LEGEND

--- N. 2ND ST. (IL 251) --- REFERENCE CENTERLINE --- LOT LINE	- - - - - EXISTING FENCE	[Pattern] PROPOSED CONCRETE SIDEWALK (CONC WALK) (SEE TYPICAL SECTION SHEET 11)	[Pattern] PROPOSED LOCAL ROAD RIVER LANE PAVEMENT (HMA PVMT HD) (SEE TYPICAL SECTION SHEET 11)
--- EXISTING RIGHT-OF-WAY --- EXISTING EASEMENT LINE --- EXISTING CURB AND GUTTER --- PROPOSED CURB AND GUTTER	CE PE ● ○ PROPOSED LIGHT POLE (SEE PROPOSED LIGHTING PLAN SHEETS)	[Pattern] PROPOSED CONCRETE SIDEWALK, SPECIAL (CONC WALK, SPC) (SEE DETAIL SHEET 11)	[Pattern] PROPOSED HOT MIX ASPHALT OVER CONCRETE BASE (HMA SB, HMA NB) (SEE TYPICAL SECTION SHEET 11)
		[Pattern] PROPOSED CONCRETE PAVEMENT (CONC PVMT SEE PLAN FOR CE OR PE) (SEE DETAIL SHEET 11)	[Pattern] PROPOSED LANDSCAPE AREA (SEE SHEETS 70 THROUGH 74)
		[Pattern] PROPOSED LOCAL ROADS AND COMMERCIAL ASPHALT PAVEMENT (HMA PVMT) (SEE DETAIL SHEET 11)	



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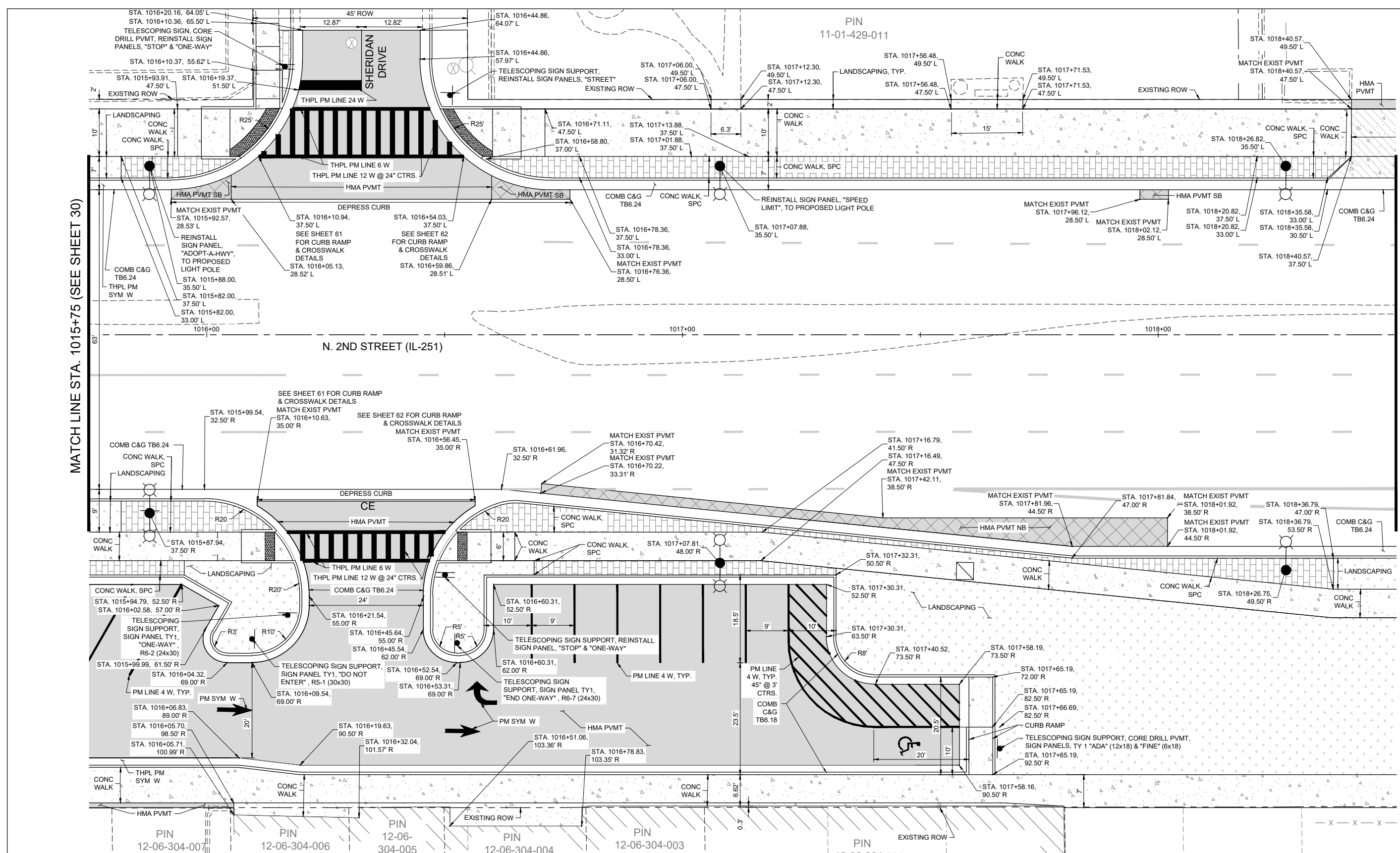
USER NAME = Bill Clasen
DESIGNED - WJC
DRAWN - RMG
CHECKED - JSL
DATE - 11-18-2025

REVISED - ---
REVISED - ---
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LAYOUT PLAN - STA. 1013+00 TO STA. 1015+75

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	30
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				

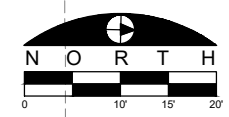


MATCH LINE STA. 1015+75 (SEE SHEET 30)

MATCH LINE STA. 1018+50 (SEE SHEET 32)

LEGEND

	N. 2ND ST. (IL 251) REFERENCE CENTERLINE		EXISTING FENCE		PROPOSED CONCRETE SIDEWALK (CONC WALK) (SEE TYPICAL SECTION SHEET 11)		PROPOSED LOCAL ROAD RIVER LANE PAVEMENT (HMA PVMT HD) (SEE TYPICAL SECTION SHEET 11)
	LOT LINE		COMMERCIAL ENTRANCE		PROPOSED CONCRETE SIDEWALK, SPECIAL (CONC WALK, SPC) (SEE DETAIL SHEET 11)		PROPOSED HOT MIX ASPHALT OVER CONCRETE BASE (HMA SB, HMA NB) (SEE TYPICAL SECTION SHEET 11)
	EXISTING RIGHT-OF-WAY		PRIVATE ENTRANCE		PROPOSED CONCRETE PAVEMENT (CONC PVMT SEE PLAN FOR CE OR PE) (SEE DETAIL SHEET 11)		PROPOSED LANDSCAPE AREA (SEE SHEETS 70 THROUGH 74)
	EXISTING EASEMENT LINE		PROPOSED LIGHT POLE (SEE PROPOSED LIGHTING PLAN SHEETS)		PROPOSED LOCAL ROADS AND COMMERCIAL ASPHALT PAVEMENT (HMA PVMT) (SEE DETAIL SHEET 11)		
	EXISTING CURB AND GUTTER						
	PROPOSED CURB AND GUTTER						



FILE NAME
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USER NAME = Bill Clasen
DESIGNED - WJC
DRAWN - RMG
CHECKED - JSL
DATE - 11-18-2025

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REVISED - ---

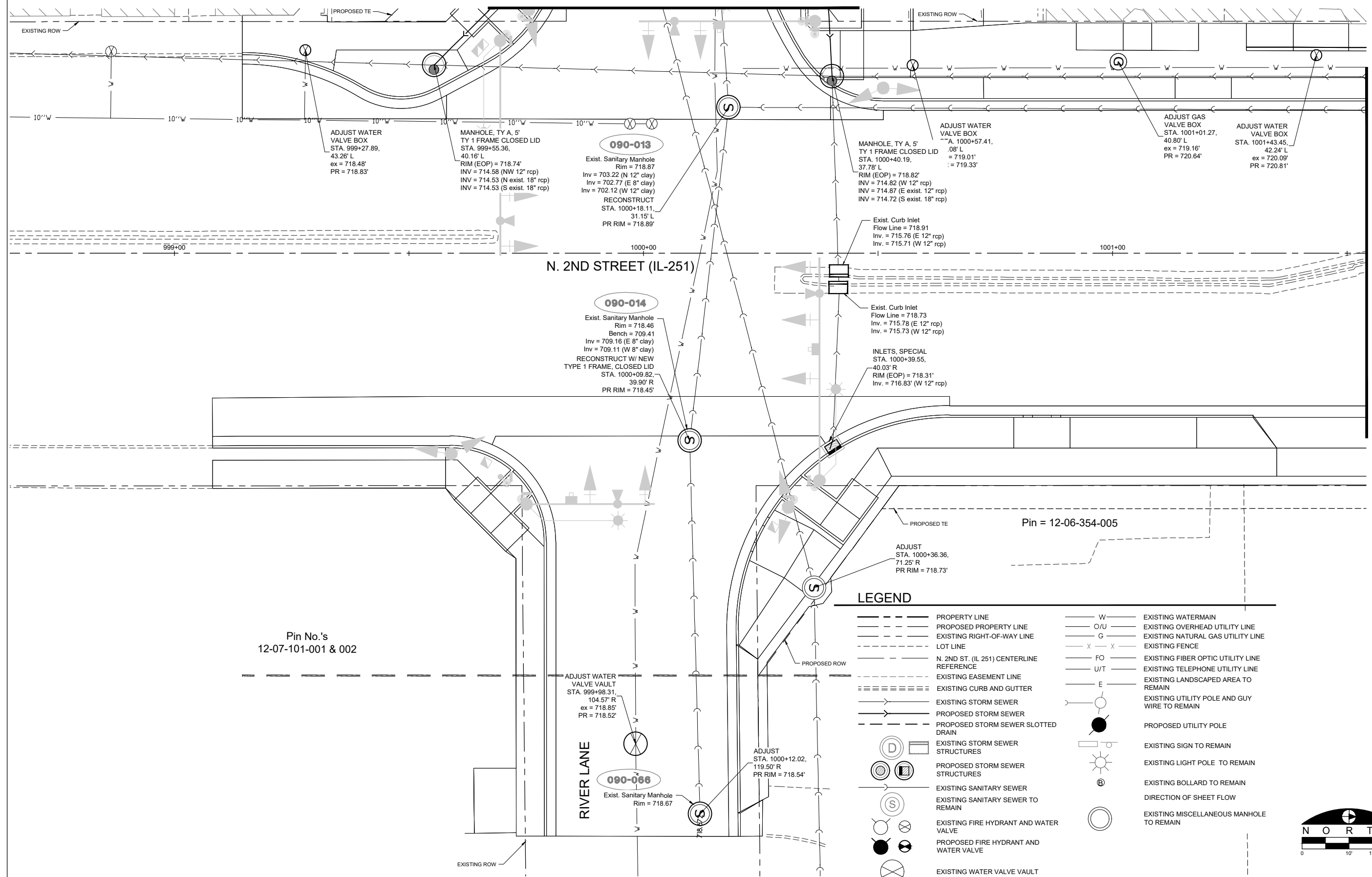
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LAYOUT PLAN - STA. 1015+75 TO STA. 1018+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	31
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				

MATCH LINE RIVER LANE (SEE SHEET 34)

MATCH LINE STA. 1001+50 (SEE SHEET 35)

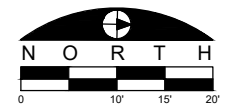


Pin No's
12-07-101-001 & 002

Pin = 12-06-354-005

LEGEND

- PROPERTY LINE
- - - PROPOSED PROPERTY LINE
- - - EXISTING RIGHT-OF-WAY LINE
- - - LOT LINE
- - - N. 2ND ST. (IL 251) CENTERLINE REFERENCE
- - - EXISTING EASEMENT LINE
- ===== EXISTING CURB AND GUTTER
- - - EXISTING STORM SEWER
- - - PROPOSED STORM SEWER
- - - PROPOSED STORM SEWER SLOTTED DRAIN
- [D] EXISTING STORM SEWER STRUCTURES
- [S] PROPOSED STORM SEWER STRUCTURES
- [S] EXISTING SANITARY SEWER
- [S] EXISTING SANITARY SEWER TO REMAIN
- [X] EXISTING FIRE HYDRANT AND WATER VALVE
- [X] PROPOSED FIRE HYDRANT AND WATER VALVE
- [X] EXISTING WATER VALVE VAULT
- W EXISTING WATERMAIN
- O/U EXISTING OVERHEAD UTILITY LINE
- G EXISTING NATURAL GAS UTILITY LINE
- X-X EXISTING FENCE
- FO EXISTING FIBER OPTIC UTILITY LINE
- U/T EXISTING TELEPHONE UTILITY LINE
- E EXISTING LANDSCAPED AREA TO REMAIN
- [Pole] EXISTING UTILITY POLE AND GUY WIRE TO REMAIN
- [Pole] PROPOSED UTILITY POLE
- [Sign] EXISTING SIGN TO REMAIN
- [Light] EXISTING LIGHT POLE TO REMAIN
- [Bollard] EXISTING BOLLARD TO REMAIN
- [Arrow] DIRECTION OF SHEET FLOW
- [Manhole] EXISTING MISCELLANEOUS MANHOLE TO REMAIN



FILE NAME
g:\projects\19117 n 2nd street streetscape improvement\dwg\engineering plans\tep (river ln to windsor)\drainage and utility plan.dwg

USER NAME = Bill Clasen
PLOT SCALE = 1:10
PLOT DATE = 11-18-2025

DESIGNED - WJC
DRAWN - RMG
CHECKED - JSL
DATE - 11-18-2025

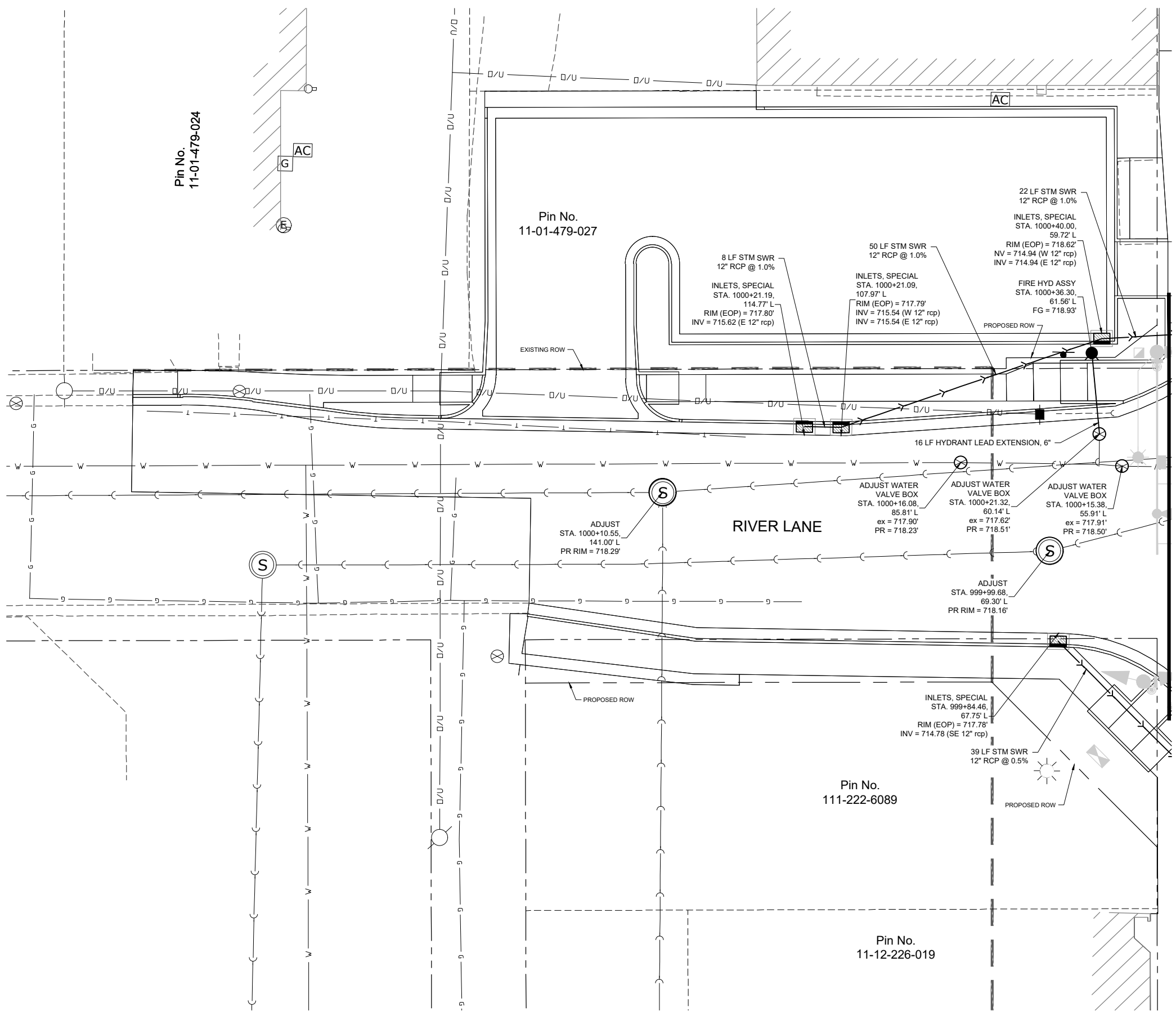
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REVISED - ---
REVISED - ---
REVISED - ---



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DRAINAGE AND UTILITY PLAN - STA. 999+00 TO STA. 1001+50

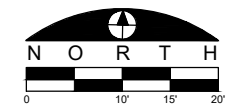
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	33
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				



MATCH LINE N. 2ND STREET (SEE SHEET 33)

LEGEND

- PROPERTY LINE
- PROPOSED PROPERTY LINE
- EXISTING RIGHT-OF-WAY LINE
- LOT LINE
- N. 2ND ST. (IL 251) CENTERLINE REFERENCE
- EXISTING EASEMENT LINE
- EXISTING CURB AND GUTTER
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- PROPOSED STORM SEWER SLOTTED DRAIN
- EXISTING STORM SEWER STRUCTURES
- PROPOSED STORM SEWER STRUCTURES
- EXISTING SANITARY SEWER
- EXISTING SANITARY SEWER TO REMAIN
- EXISTING FIRE HYDRANT AND WATER VALVE
- PROPOSED FIRE HYDRANT AND WATER VALVE
- EXISTING WATER VALVE VAULT
- EXISTING WATERMAIN
- EXISTING OVERHEAD UTILITY LINE
- EXISTING NATURAL GAS UTILITY LINE
- EXISTING FENCE
- EXISTING FIBER OPTIC UTILITY LINE
- EXISTING TELEPHONE UTILITY LINE
- EXISTING LANDSCAPED AREA TO REMAIN
- EXISTING UTILITY POLE AND GUY WIRE TO REMAIN
- PROPOSED UTILITY POLE
- EXISTING SIGN TO REMAIN
- EXISTING LIGHT POLE TO REMAIN
- EXISTING BOLLARD TO REMAIN
- DIRECTION OF SHEET FLOW
- EXISTING MISCELLANEOUS MANHOLE TO REMAIN



FILE NAME
g:\projects\19117 n 2nd street streetscape
improvement\dwg\engineering plans\itp (river ln to
windsor)\drainage and utility plan.dwg

USER NAME = Bill Clasen
DESIGNED - WJC
DRAWN - RMG
PLOT SCALE = 1:10
PLOT DATE = 11-18-2025

REVISED - ---
REVISED - ---
REVISED - ---
REVISED - ---

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DRAINAGE AND UTILITY PLAN - RIVER LANE (W)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	34
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				

25

Pin No. 11-01-479-014

Pin No. 11-01-478-017 BUTITTA BROTHERS

Pin No. 11-01-478-016

MATCH LINE STA. 1001+50 (SEE SHEET 33)

MATCH LINE STA. 1004+50 (SEE SHEET 36)

N. 2ND STREET (IL-251)

MERRILL AVENUE

ADJUST WATER VALVE BOX STA. 1003+10.33, 57.54' L, ex = 720.62', PR = ???', Exist. Curb Inlet Flow Line = 720.02, Inv. = 716.48 (N 12" rcp), Inv. = 716.52 (SE 12" rcp)

EXISTING ROW PROPOSED TE

Exist. Curb Inlet Flow Line = 720.19, Inv. = 716.89 (S 12" rcp), Exist. Sanitary Manhole Rim = 720.19, Inv = 712.39 (N 8" clay), Inv = 712.14 (S 8" clay), Inv = 711.94 (W 8" clay), ADJUST STA. 1003+25.55, 40.97' L, PR RIM = 720.41'

ADJUST GAS VALVE BOX STA. 1001+61.68, 42.04' L, ex = 719.63', PR = 720.49'

Storm Manhole Rim = 719.89, Inv. = 715.89 (N 18" rcp), Inv. = 715.84 (S 18" rcp), Inv. = 715.99 (NW 12" rcp), ADJUST STA. 1002+79.77, 37.67' L, PR RIM = 720.22'

090-022 Exist. Sanitary Manhole Rim = 720.43, Inv = 703.78 (N 12" clay), Inv = 711.53 (E 8" clay), Inv = 703.73 (S 12" clay), ADJUST STA. 1003+25.47, 29.84' L, PR RIM = 720.35'

Storm Manhole Rim = 720.30, Inv. = 715.92 (N 15" rcp), Inv. = 716.70 (NE 12" rcp), Inv. = 715.92 (S 18" rcp), Inv. = 715.94 (NW 12" rcp), ADJUST WITH NEW TYPE 3 FRAME & GRATE STA. 1003+36.56, 34.11' L, PR RIM = 720.28'

Exist. Curb Inlet Flow Line = 720.17, Inv. = 717.47 (E 12" rcp), Inv. = 717.22 (SW 12" rcp), Inv. = 717.42 (NW 12" rcp)(Stub)

Exist. Curb Inlet Flow Line = 720.12, Inv. = 717.44 (NE 12" rcp), Inv. = 717.44 (W 12" rcp)

090-023 Exist. Sanitary Manhole Rim = 720.09, Inv = 712.24 (E 8" clay), Inv = 712.29 (W 8" clay)

INLETS, SPECIAL STA. 1003+55.10, 32.58' R, RIM (EOP) = 719.98', Inv. = 717.63' (W 12" rcp)

ADJUST WATER VALVE BOX STA. 1004+50.09, 41.67' R, ex = 720.21', PR = 720.42'

ADJUST TRAFFIC SIGNAL HANDHOLE STA. 1002+31.90, 46.52' R, ex = 719.77', PR = 719.96'

ADJUST WATER VALVE BOX STA. 1002+57.73, 48.35' R, ex = 719.94', PR = 720.23'

Pin 12-06-354-004

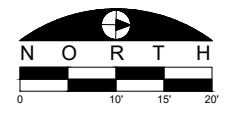
ADJUST WATER VALVE BOX STA. 1003+14.99, 56.16' R, ex = 719.52', PR = 719.57'

Pin No. 12-06-353-005

Pin No. 12-06-353-000

LEGEND

- PROPERTY LINE
- PROPOSED PROPERTY LINE
- EXISTING RIGHT-OF-WAY LINE
- LOT LINE
- N. 2ND ST. (IL 251) CENTERLINE REFERENCE
- EXISTING EASEMENT LINE
- EXISTING CURB AND GUTTER
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- PROPOSED STORM SEWER SLOTTED DRAIN
- EXISTING STORM SEWER STRUCTURES
- PROPOSED STORM SEWER STRUCTURES
- EXISTING SANITARY SEWER
- EXISTING SANITARY SEWER TO REMAIN
- EXISTING FIRE HYDRANT AND WATER VALVE
- PROPOSED FIRE HYDRANT AND WATER VALVE
- EXISTING WATER VALVE VAULT
- EXISTING WATERMAIN
- EXISTING OVERHEAD UTILITY LINE
- EXISTING NATURAL GAS UTILITY LINE
- EXISTING FENCE
- EXISTING FIBER OPTIC UTILITY LINE
- EXISTING TELEPHONE UTILITY LINE
- EXISTING LANDSCAPED AREA TO REMAIN
- EXISTING UTILITY POLE AND GUY WIRE TO REMAIN
- PROPOSED UTILITY POLE
- EXISTING SIGN TO REMAIN
- EXISTING LIGHT POLE TO REMAIN
- EXISTING BOLLARD TO REMAIN
- DIRECTION OF SHEET FLOW
- EXISTING MISCELLANEOUS MANHOLE TO REMAIN



FILE NAME g:\projects\19117 n 2nd street streetscape improvement\dwg\engineering plans\tep (river in to windsor)\drainage and utility plan.dwg

USER NAME = Bill Clasen
PLOT SCALE = 1:10
PLOT DATE = 11-18-2025

DESIGNED - WJC
DRAWN - RMG
CHECKED - JSL
DATE - 11-18-2025

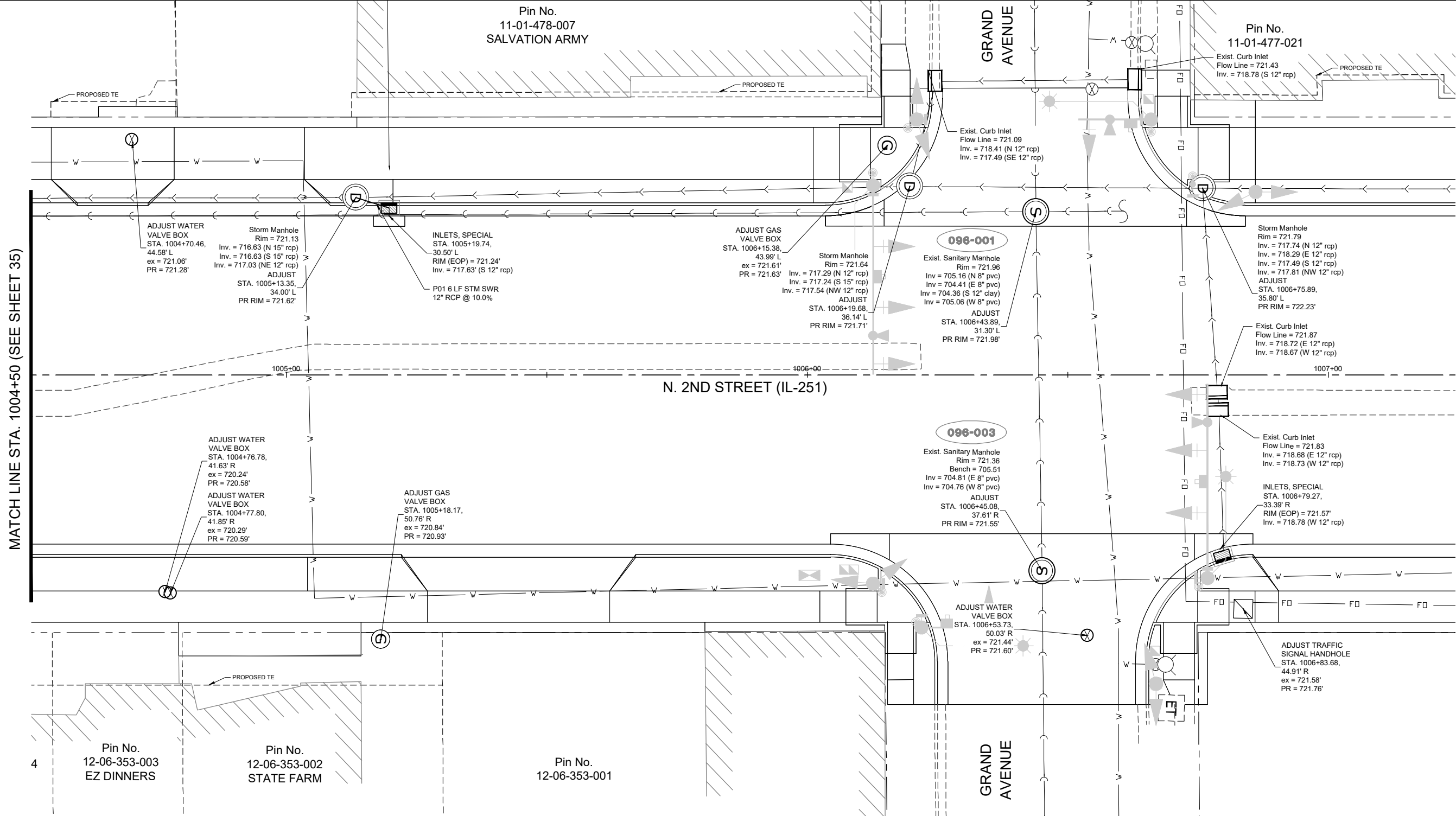
REVISED - ---
REVISED - ---
REVISED - ---
REVISED - ---

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DRAINAGE AND UTILITY PLAN - STA. 1001+50 TO STA. 1004+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	35
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				

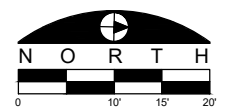


MATCH LINE STA. 1004+50 (SEE SHEET 35)

MATCH LINE STA. 1007+25 (SEE SHEET 37)

LEGEND

- PROPERTY LINE
- - - PROPOSED PROPERTY LINE
- EXISTING RIGHT-OF-WAY LINE
- - - LOT LINE
- N. 2ND ST. (IL 251) CENTERLINE REFERENCE
- - - EXISTING EASEMENT LINE
- ===== EXISTING CURB AND GUTTER
- - - EXISTING STORM SEWER
- - - PROPOSED STORM SEWER
- - - PROPOSED STORM SEWER SLOTTED DRAIN
- [D] EXISTING STORM SEWER STRUCTURES
- [D] PROPOSED STORM SEWER STRUCTURES
- [S] EXISTING SANITARY SEWER
- [S] EXISTING SANITARY SEWER TO REMAIN
- [H] EXISTING FIRE HYDRANT AND WATER VALVE
- [H] PROPOSED FIRE HYDRANT AND WATER VALVE
- [V] EXISTING WATER VALVE VAULT
- W --- EXISTING WATERMAIN
- O/U --- EXISTING OVERHEAD UTILITY LINE
- G --- EXISTING NATURAL GAS UTILITY LINE
- X --- EXISTING FENCE
- FO --- EXISTING FIBER OPTIC UTILITY LINE
- U/T --- EXISTING TELEPHONE UTILITY LINE
- E --- EXISTING LANDSCAPED AREA TO REMAIN
- [Pole] EXISTING UTILITY POLE AND GUY WIRE TO REMAIN
- [Pole] PROPOSED UTILITY POLE
- [Sign] EXISTING SIGN TO REMAIN
- [Light] EXISTING LIGHT POLE TO REMAIN
- [Bollard] EXISTING BOLLARD TO REMAIN
- [Arrow] DIRECTION OF SHEET FLOW
- [Manhole] EXISTING MISCELLANEOUS MANHOLE TO REMAIN



FILE NAME
g:\projects\19117 n 2nd street streetscape
improvement\dwg\engineering plans\itp (river ln to
windsor)\drainage and utility plan.dwg

USER NAME = Bill Clasen
PLOT SCALE = 1:10
PLOT DATE = 11-18-2025

DESIGNED - WJC
DRAWN - RMG
CHECKED - JSL
DATE - 11-18-2025

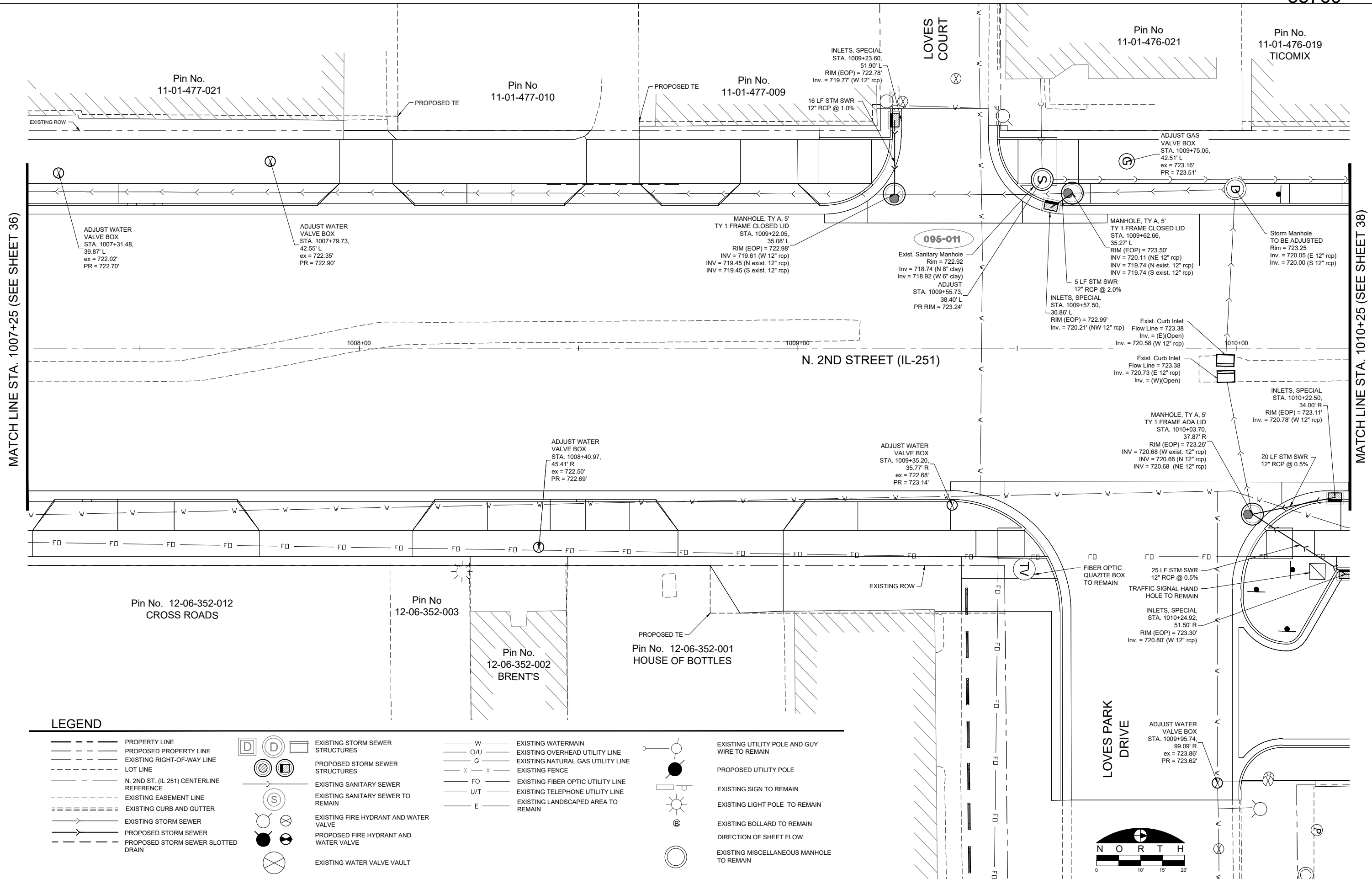
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REVISED - ---

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DRAINAGE AND UTILITY PLAN - STA. 1004+50 TO STA. 1007+25

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	36
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				

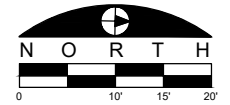


MATCH LINE STA. 1007+25 (SEE SHEET 36)

MATCH LINE STA. 1010+25 (SEE SHEET 38)

LEGEND

- PROPERTY LINE
- - - PROPOSED PROPERTY LINE
- EXISTING RIGHT-OF-WAY LINE
- LOT LINE
- N. 2ND ST. (IL 251) CENTERLINE REFERENCE
- EXISTING EASEMENT LINE
- ===== EXISTING CURB AND GUTTER
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- PROPOSED STORM SEWER SLOTTED DRAIN
- [D] EXISTING STORM SEWER STRUCTURES
- [D] PROPOSED STORM SEWER STRUCTURES
- [S] EXISTING SANITARY SEWER
- [S] EXISTING SANITARY SEWER TO REMAIN
- [FH] EXISTING FIRE HYDRANT AND WATER VALVE
- [FH] PROPOSED FIRE HYDRANT AND WATER VALVE
- [V] EXISTING WATER VALVE VAULT
- W EXISTING WATERMAIN
- O/U EXISTING OVERHEAD UTILITY LINE
- G EXISTING NATURAL GAS UTILITY LINE
- X EXISTING FENCE
- FO EXISTING FIBER OPTIC UTILITY LINE
- U/T EXISTING TELEPHONE UTILITY LINE
- E EXISTING LANDSCAPED AREA TO REMAIN
- [UP] EXISTING UTILITY POLE AND WIRE TO REMAIN
- [UP] PROPOSED UTILITY POLE
- [S] EXISTING SIGN TO REMAIN
- [LP] EXISTING LIGHT POLE TO REMAIN
- [B] EXISTING BOLLARD TO REMAIN
- [M] EXISTING MISCELLANEOUS MANHOLE TO REMAIN



FILE NAME
g:\projects\17 n 2nd street streetscape
improvement\dwg\engineering plans\itp (river in to
windor)\drainage and utility plan.dwg

USER NAME = Bill Clasen
DESIGNED - WJC
DRAWN - RMG
CHECKED - JSL
DATE - 11-18-2025

REVISED - ---
REVISED - ---
REVISED - ---
REVISED - ---



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DRAINAGE AND UTILITY PLAN - STA. 1007+25 TO STA.
1010+25

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	37
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				

Pin No.
11-01-476-018
CDW

ADJUST GAS
VALVE BOX
STA. 1011+42.66,
50.14' L
ex = 724.16'
PR = 724.34'

PROPOSED TE

INLETS, SPECIAL
STA. 1012+77.73,
53.91' L
RIM (EOP) = 723.91'
Inv. = 721.92' (NE 12" rcp)

RIVER
PARK

EXISTING ROW

50 LF STM SWR
12" RCP @ 0.5%

ADJUST WATER
VALVE BOX
STA. 1010+49.18,
42.50' L
ex = 723.31'
PR = 723.95'

ADJUST WATER
VALVE BOX
STA. 1010+97.24,
42.53' L
ex = 723.53'
PR = 724.01'

095-010

Exist. Sanitary Manhole
Rim = 724.27
Inv = 714.92 (N 8" clay)
Inv = 714.97 (E 8" clay)
Inv = 716.82 (S 8" clay)
Inv = 714.67 (W 8" clay)
ADJUST
STA. 1012+89.59,
38.40' L
PR RIM = 724.21'

1011+00

1012+00

1013+00

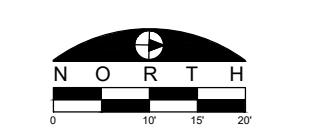
N. 2ND STREET (IL-251)

MATCH LINE STA. 1010+25 (SEE SHEET 37)

MATCH LINE STA. 1013+00 (SEE SHEET 39)

LEGEND

- PROPERTY LINE
- - - PROPOSED PROPERTY LINE
- - - EXISTING RIGHT-OF-WAY LINE
- - - LOT LINE
- - - N. 2ND ST. (IL 251) CENTERLINE REFERENCE
- - - EXISTING EASEMENT LINE
- ==== EXISTING CURB AND GUTTER
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- - - PROPOSED STORM SEWER
- - - PROPOSED STORM SEWER SLOTTED DRAIN
- [D] [D] [D] EXISTING STORM SEWER STRUCTURES
- [S] [S] [S] PROPOSED STORM SEWER STRUCTURES
- [S] EXISTING SANITARY SEWER
- [S] EXISTING SANITARY SEWER TO REMAIN
- [H] [H] EXISTING FIRE HYDRANT AND WATER VALVE
- [H] [H] PROPOSED FIRE HYDRANT AND WATER VALVE
- [V] EXISTING WATER VALVE VAULT
- W EXISTING WATERMAIN
- O/U EXISTING OVERHEAD UTILITY LINE
- G EXISTING NATURAL GAS UTILITY LINE
- X-X EXISTING FENCE
- FO EXISTING FIBER OPTIC UTILITY LINE
- U/T EXISTING TELEPHONE UTILITY LINE
- E EXISTING ELECTRICAL UTILITY LINE
- [P] EXISTING UTILITY POLE AND GUY WIRE TO REMAIN
- [P] PROPOSED UTILITY POLE
- [S] EXISTING SIGN TO REMAIN
- [L] EXISTING LIGHT POLE TO REMAIN
- [B] EXISTING BOLLARD TO REMAIN
- [D] DIRECTION OF SHEET FLOW
- [M] EXISTING MISCELLANEOUS MANHOLE TO REMAIN



145 LF STM SWR
12" RCP @ 0.2%

INLETS, SPECIAL
STA. 1011+69.85,
51.50' R
RIM (EOP) = 723.70'
Inv. = 721.10' (W 12" rcp)

TRAFFIC SIGNAL HAND
HOLE TO REMAIN

Pin No.
12-06-304-017
US BANK

Pin No.
12-06-304-019
FOREST HILLS
MEMORIALS

FILE NAME
g:\projects\19117 n 2nd street streetscape
improvement\dwg\engineering plans\itp (river in to
windsor)\drainage and utility plan.dwg

USER NAME = Bill Clasen
PLOT SCALE = 1:10
PLOT DATE = 11-18-2025

DESIGNED - WJC
DRAWN - RMG
CHECKED - JSL
DATE - 11-18-2025

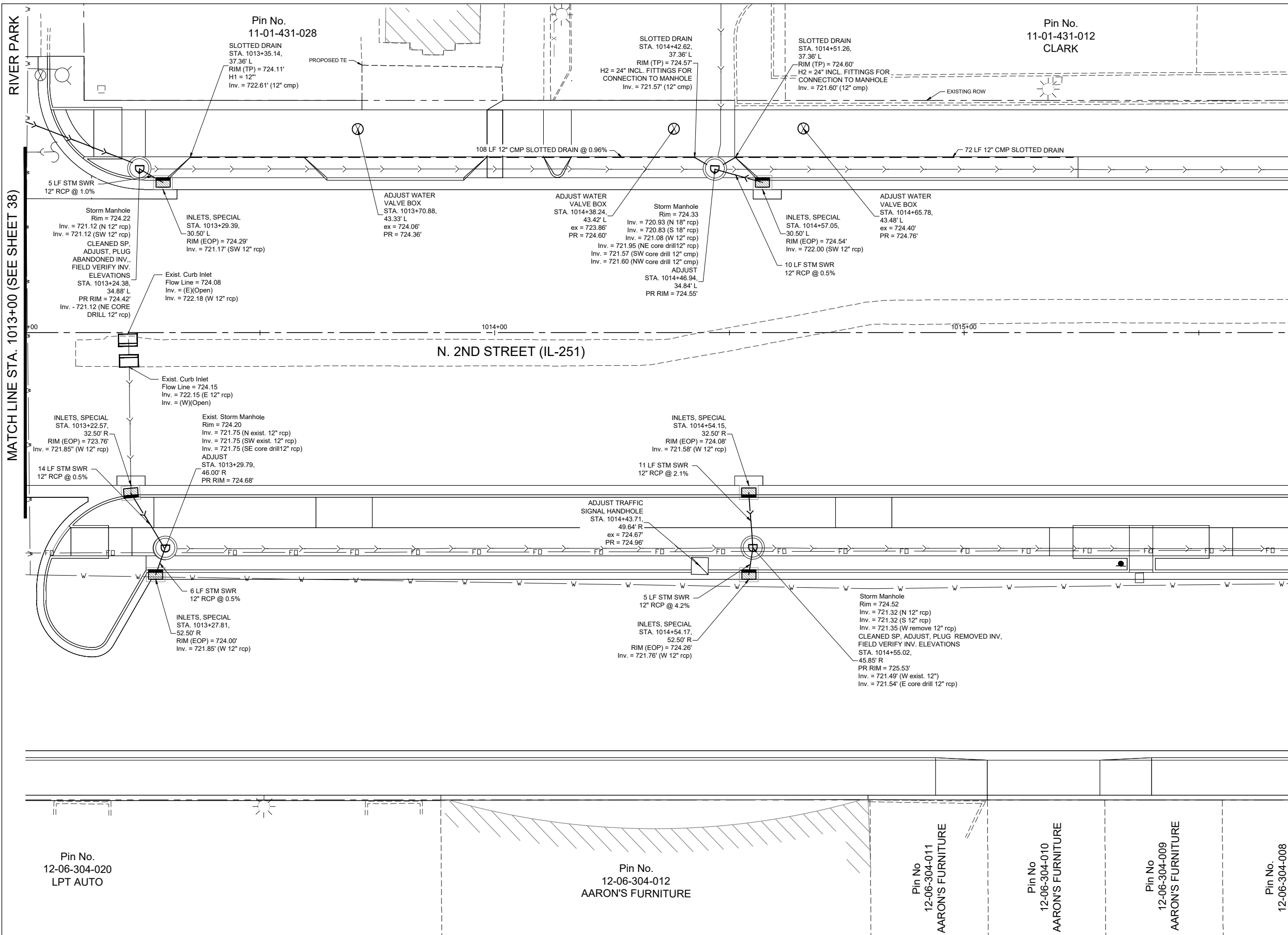
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REVISED - ---
REVISED - ---
REVISED - ---



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DRAINAGE AND UTILITY PLAN - STA. 1010+25 TO STA.
1013+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	38
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				

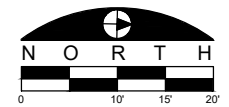


LEGEND

- PROPERTY LINE
- - - PROPOSED PROPERTY LINE
- - - EXISTING RIGHT-OF-WAY LINE
- - - LOT LINE
- - - N. 2ND ST. (IL 251) CENTERLINE REFERENCE
- - - EXISTING EASEMENT LINE
- - - EXISTING CURB AND GUTTER
- - - EXISTING STORM SEWER
- - - PROPOSED STORM SEWER
- - - PROPOSED STORM SEWER SLOTTED DRAIN
- EXISTING STORM SEWER STRUCTURES
- PROPOSED STORM SEWER STRUCTURES
- EXISTING SANITARY SEWER
- EXISTING SANITARY SEWER TO REMAIN
- EXISTING FIRE HYDRANT AND WATER VALVE
- PROPOSED FIRE HYDRANT AND WATER VALVE
- EXISTING WATER VALVE VAULT
- W EXISTING WATERMAIN
- O/U EXISTING OVERHEAD UTILITY LINE
- G EXISTING NATURAL GAS UTILITY LINE
- X-X EXISTING FENCE
- FO EXISTING FIBER OPTIC UTILITY LINE
- U/T EXISTING TELEPHONE UTILITY LINE
- E EXISTING ELECTRICAL UTILITY LINE
- EXISTING UTILITY POLE AND GUY WIRE TO REMAIN
- PROPOSED UTILITY POLE
- EXISTING SIGN TO REMAIN
- EXISTING LIGHT POLE TO REMAIN
- ⊙ EXISTING BOLLARD TO REMAIN
- EXISTING MISCELLANEOUS MANHOLE TO REMAIN

MATCH LINE STA. 1013+00 (SEE SHEET 38)

MATCH LINE STA. 1015+75 (SEE SHEET 40)



FILE NAME
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USER NAME = Bill Clasen
DESIGNED - WJC
DRAWN - RMG
CHECKED - JSL
DATE - 11-18-2025

REVISED - ---
REVISED - ---
REVISED - ---
REVISED - ---

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DRAINAGE AND UTILITY PLAN - STA. 1013+00 TO STA. 1015+75

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	39
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				

Pin No.
12-06-304-020
LPT AUTO

Pin No.
12-06-304-012
AARON'S FURNITURE

Pin No.
12-06-304-011
AARON'S FURNITURE

Pin No.
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AARON'S FURNITURE

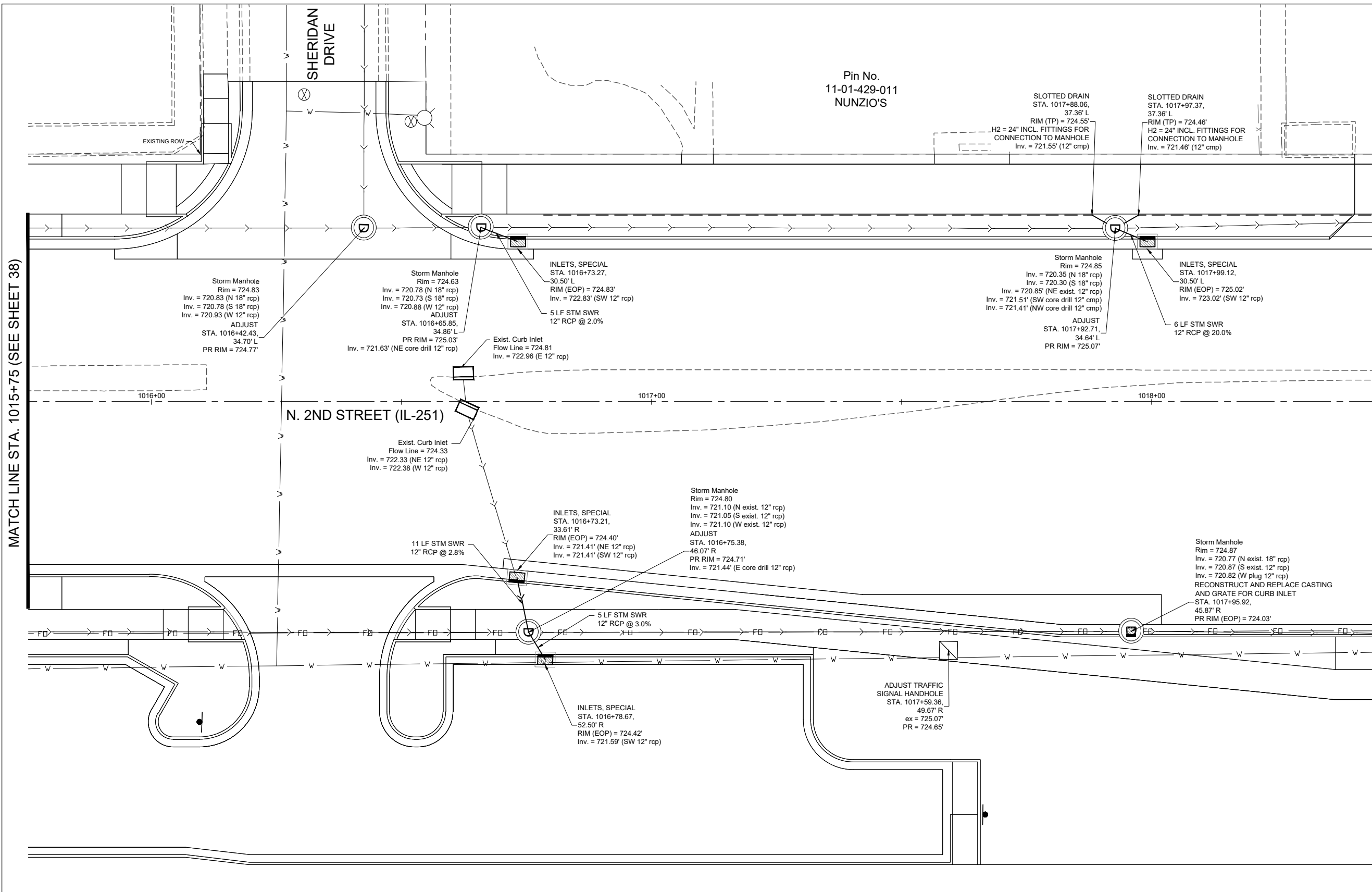
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AARON'S FURNITURE

Pin No.
12-06-304-008

Pin No.
11-01-429-011
NUNZIO'S

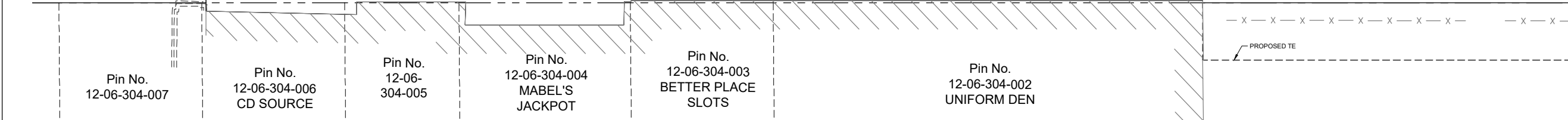
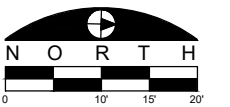
MATCH LINE STA. 1015+75 (SEE SHEET 38)

MATCH LINE STA. 1018+50 (SEE SHEET 41)



LEGEND

- PROPERTY LINE
- PROPOSED PROPERTY LINE
- EXISTING RIGHT-OF-WAY LINE
- LOT LINE
- N. 2ND ST. (IL 251) CENTERLINE REFERENCE
- EXISTING EASEMENT LINE
- EXISTING CURB AND GUTTER
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- PROPOSED STORM SEWER SLOTTED DRAIN
- EXISTING STORM SEWER STRUCTURES
- PROPOSED STORM SEWER STRUCTURES
- EXISTING SANITARY SEWER
- EXISTING SANITARY SEWER TO REMAIN
- EXISTING FIRE HYDRANT AND WATER VALVE
- PROPOSED FIRE HYDRANT AND WATER VALVE
- EXISTING WATER VALVE VAULT
- PROPOSED WATER VALVE VAULT
- EXISTING WATERMAIN
- EXISTING OVERHEAD UTILITY LINE
- EXISTING NATURAL GAS UTILITY LINE
- EXISTING FENCE
- EXISTING FIBER OPTIC UTILITY LINE
- EXISTING TELEPHONE UTILITY LINE
- EXISTING ELECTRICAL UTILITY LINE
- EXISTING UTILITY POLE AND GUY WIRE TO REMAIN
- PROPOSED UTILITY POLE
- EXISTING SIGN TO REMAIN
- EXISTING LIGHT POLE TO REMAIN
- EXISTING BOLLARD TO REMAIN
- DIRECTION OF SHEET FLOW
- EXISTING MISCELLANEOUS MANHOLE TO REMAIN



Pin No.
12-06-304-007

Pin No.
12-06-304-006
CD SOURCE

Pin No.
12-06-304-005

Pin No.
12-06-304-004
MABEL'S
JACKPOT

Pin No.
12-06-304-003
BETTER PLACE
SLOTS

Pin No.
12-06-304-002
UNIFORM DEN

FILE NAME
g:\projects\1217 n 2nd street streetscape
improvement\dwg\engineering plans\itp (river ln to
windson)\drainage and utility plan.dwg

USER NAME = Bill Clasen
DESIGNED - WJC
DRAWN - RMG
CHECKED - JSL
DATE - 11-18-2025

REVISED - ---
REVISED - ---
REVISED - ---
REVISED - ---



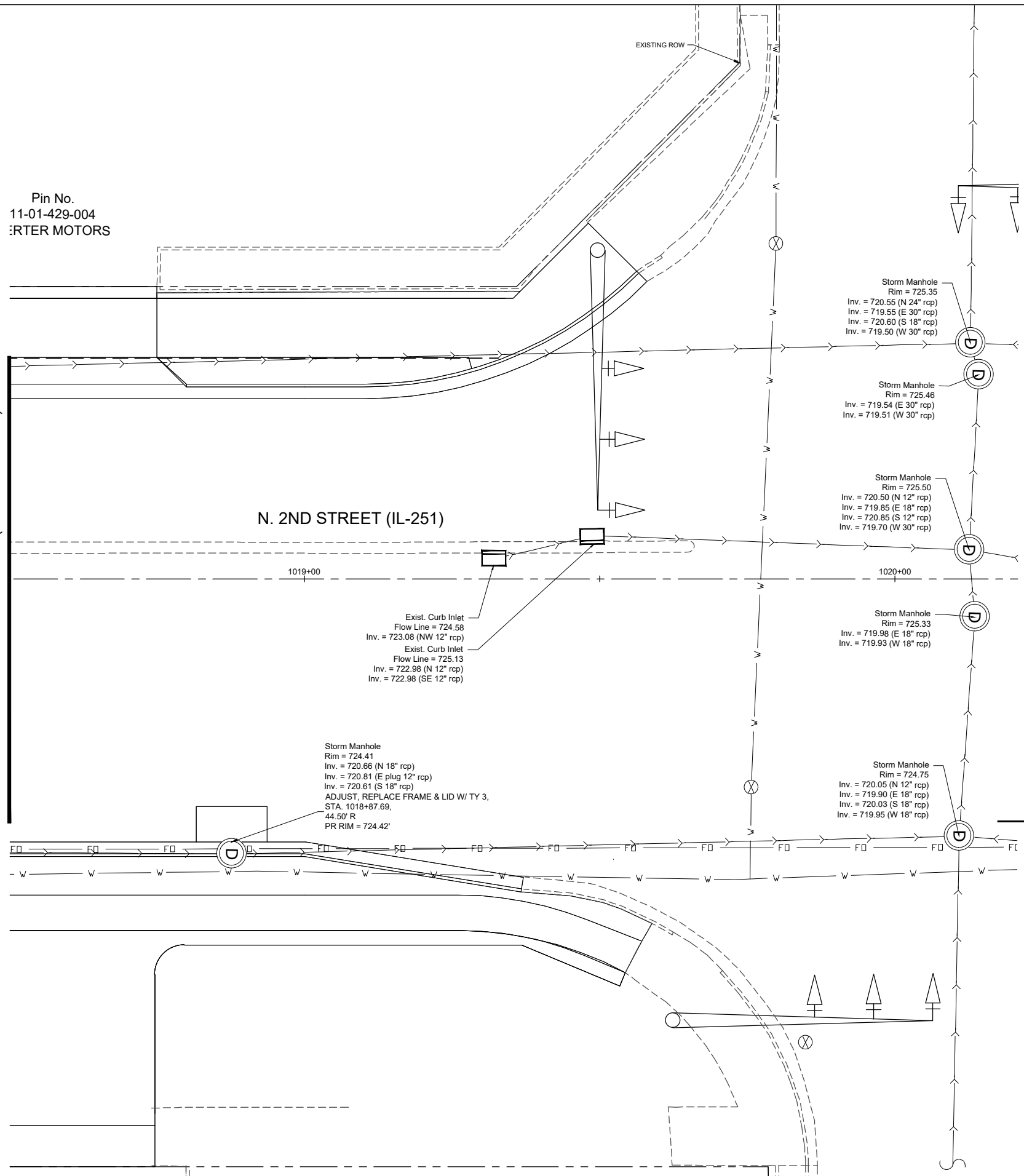
CIVIL ENGINEERING & LAND SURVEYING
5291 Zenith Pkwy.
Loves Park, IL 61111
(815) 484-4300
www.arcdesign.com

DRAINAGE AND UTILITY PLAN - STA. 1015+75 TO STA.
1018+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	40
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				

Pin No.
11-01-429-004
METER MOTORS

MATCH LINE STA. 1018+50 (SEE SHEET 40)



N. 2ND STREET (IL-251)

1019+00

1020+00

Exist. Curb Inlet
Flow Line = 724.58
Inv. = 723.08 (NW 12" rcp)
Exist. Curb Inlet
Flow Line = 725.13
Inv. = 722.98 (N 12" rcp)
Inv. = 722.98 (SE 12" rcp)

Storm Manhole
Rim = 724.41
Inv. = 720.66 (N 18" rcp)
Inv. = 720.81 (E plug 12" rcp)
Inv. = 720.61 (S 18" rcp)
ADJUST, REPLACE FRAME & LID W/ TY 3,
STA. 1018+87.69,
44.50' R
PR RIM = 724.42'

Storm Manhole
Rim = 725.35
Inv. = 720.55 (N 24" rcp)
Inv. = 719.55 (E 30" rcp)
Inv. = 720.60 (S 18" rcp)
Inv. = 719.50 (W 30" rcp)

Storm Manhole
Rim = 725.46
Inv. = 719.54 (E 30" rcp)
Inv. = 719.51 (W 30" rcp)

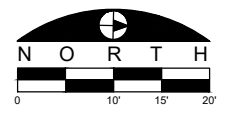
Storm Manhole
Rim = 725.50
Inv. = 720.50 (N 12" rcp)
Inv. = 719.85 (E 18" rcp)
Inv. = 720.85 (S 12" rcp)
Inv. = 719.70 (W 30" rcp)

Storm Manhole
Rim = 725.33
Inv. = 719.98 (E 18" rcp)
Inv. = 719.93 (W 18" rcp)

Storm Manhole
Rim = 724.75
Inv. = 720.05 (N 12" rcp)
Inv. = 719.90 (E 18" rcp)
Inv. = 720.03 (S 18" rcp)
Inv. = 719.95 (W 18" rcp)

LEGEND

- PROPERTY LINE
- - - PROPOSED PROPERTY LINE
- - - EXISTING RIGHT-OF-WAY LINE
- - - LOT LINE
- - - N. 2ND ST. (IL 251) CENTERLINE REFERENCE
- - - EXISTING EASEMENT LINE
- ==== EXISTING CURB AND GUTTER
- - - EXISTING STORM SEWER
- - - PROPOSED STORM SEWER
- - - PROPOSED STORM SEWER SLOTTED DRAIN
- ⊕ EXISTING STORM SEWER STRUCTURES
- ⊕ PROPOSED STORM SEWER STRUCTURES
- ⊕ EXISTING SANITARY SEWER
- ⊕ EXISTING SANITARY SEWER TO REMAIN
- ⊕ EXISTING FIRE HYDRANT AND WATER VALVE
- ⊕ PROPOSED FIRE HYDRANT AND WATER VALVE
- ⊕ EXISTING WATER VALVE VAULT
- W EXISTING WATERMAIN
- O/U EXISTING OVERHEAD UTILITY LINE
- G EXISTING NATURAL GAS UTILITY LINE
- X X EXISTING FENCE
- FO EXISTING FIBER OPTIC UTILITY LINE
- U/T EXISTING TELEPHONE UTILITY LINE
- E EXISTING LANDSCAPED AREA TO REMAIN
- ⊕ EXISTING UTILITY POLE AND GUY WIRE TO REMAIN
- ⊕ PROPOSED UTILITY POLE
- ⊕ EXISTING SIGN TO REMAIN
- ⊕ EXISTING LIGHT POLE TO REMAIN
- ⊕ EXISTING BOLLARD TO REMAIN
- DIRECTION OF SHEET FLOW
- ⊕ EXISTING MISCELLANEOUS MANHOLE TO REMAIN



FILE NAME
g:\projects\19117 n 2nd street streetscape
improvement\dwg\engineering plans\step (river ln to
windsor)\drainage and utility plan.dwg

USER NAME = Bill Clasen	DESIGNED - WJC	REVISED - ---
PLOT SCALE = 1:10	DRAWN - RMG	REVISED - ---
PLOT DATE = 11-18-2025	CHECKED - JSL	REVISED - ---
	DATE - 11-18-2025	REVISED - ---

ARC DESIGN
RESOURCES INC.

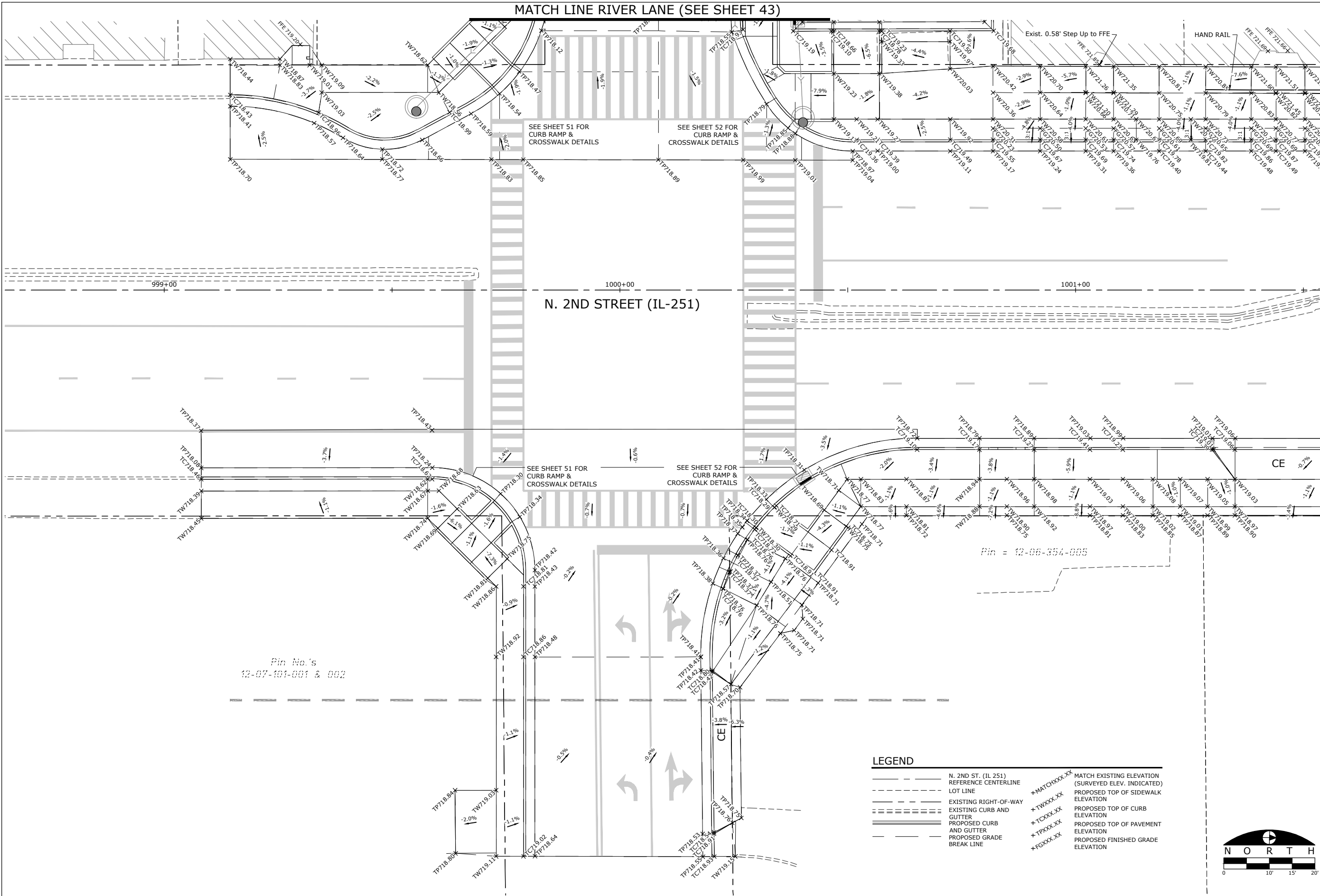
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(815) 484-4300
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DRAINAGE AND UTILITY PLAN - STA. 1018+50 TO STA. 1020+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	41
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				

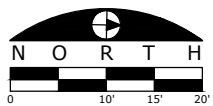
MATCH LINE RIVER LANE (SEE SHEET 43)

MATCH LINE STA. 1001+50 (SEE SHEET 44)



LEGEND

---	N. 2ND ST. (IL 251)	---	MATCH EXISTING ELEVATION (SURVEYED ELEV. INDICATED)
---	REFERENCE CENTERLINE	---	PROPOSED TOP OF SIDEWALK ELEVATION
---	LOT LINE	---	PROPOSED TOP OF CURB ELEVATION
---	EXISTING RIGHT-OF-WAY	---	PROPOSED TOP OF PAVEMENT ELEVATION
---	EXISTING CURB AND GUTTER	---	PROPOSED GRADE BREAK LINE
---	PROPOSED CURB AND GUTTER	---	



FILE NAME
g:\projects\17 n 2nd street streetscape improvement\dwg\engineering plans\step (river ln to windsor)\spot elevation plans.dwg

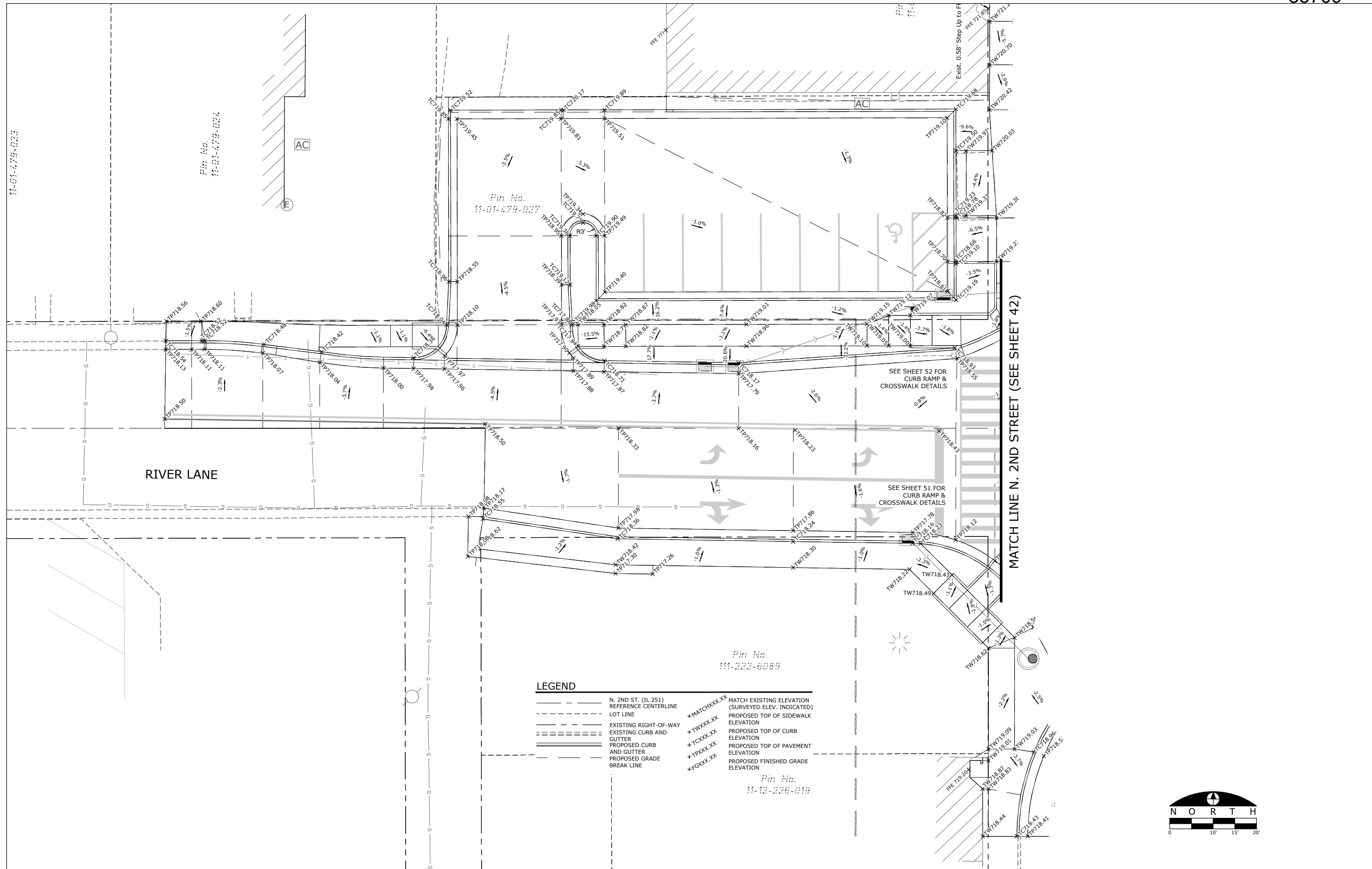
USER NAME = Bill Clasen
DESIGNED - WJC
DRAWN - RMG
PLOT SCALE = 1:10
PLOT DATE = 11-18-2025

REVISED - ---
REVISED - ---
REVISED - ---
REVISED - ---

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SPOT ELEVATION PLAN - STA. 999+00 TO STA. 1001+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	42
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				



LEGEND

- N. 2ND ST. (IL 251) REFERENCE CENTERLINE
- - - - - LOT LINE
- ===== EXISTING RIGHT-OF-WAY EXISTING CURB AND GUTTER
- ===== PROPOSED CURB AND GUTTER
- PROPOSED GRADE BREAK LINE
- *MATCHXXX.XX MATCH EXISTING ELEVATION (SURVEYED ELEV. INDICATED)
- *TWXXX.XX PROPOSED TOP OF SIDEWALK ELEVATION
- *TCXXX.XX PROPOSED TOP OF CURB ELEVATION
- *TPXXX.XX PROPOSED TOP OF PAVEMENT ELEVATION
- *FEXXX.XX PROPOSED FINISHED GRADE ELEVATION

FILE NAME
g:\projects\11-17 n 2nd street streetscape improvement\dwg\engineering plans\top (river ln to windsor)\spot elevation plans.dwg

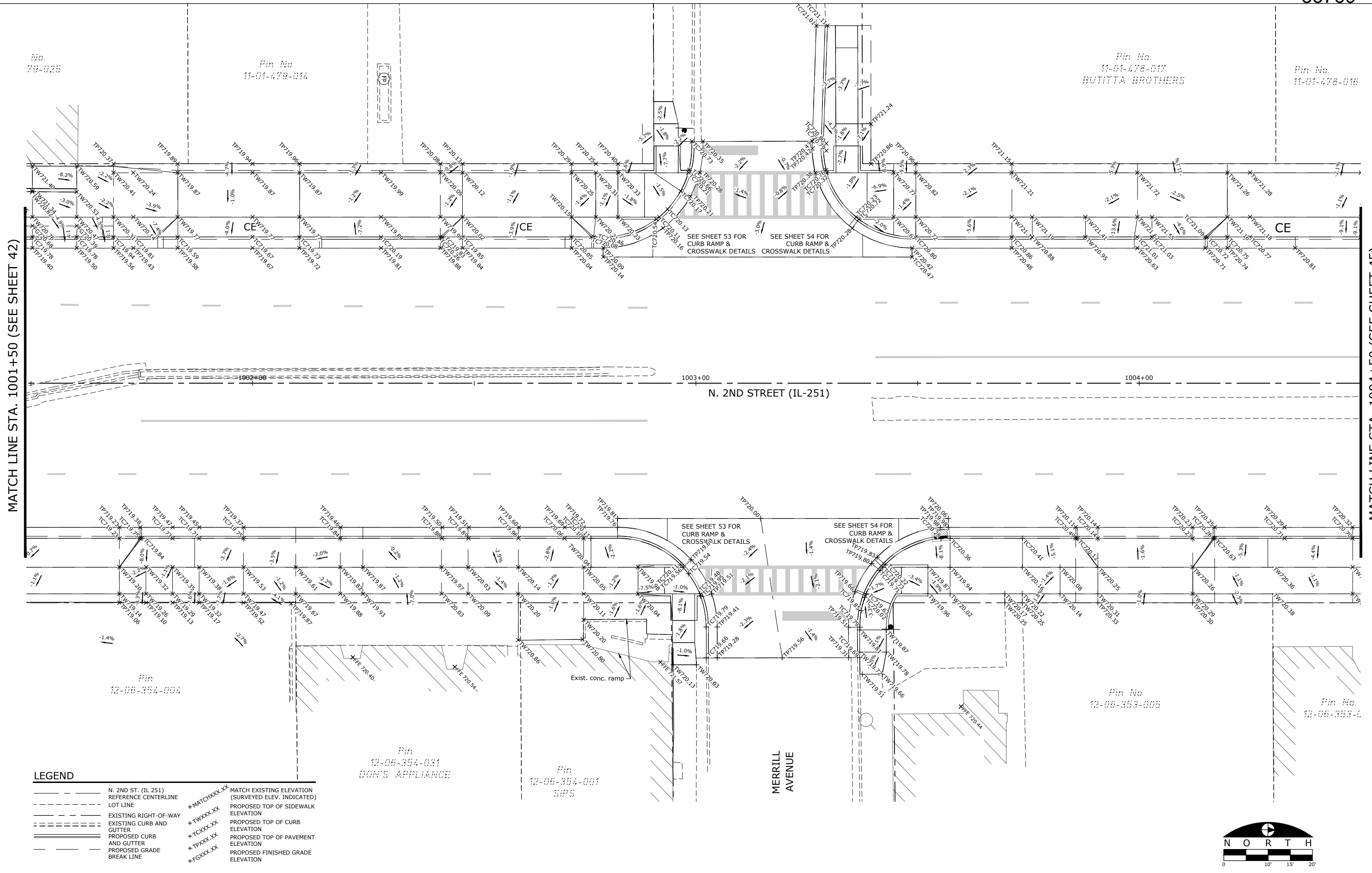
USER NAME = Bill Clasen
DESIGNED - WJC
DRAWN - RMG
CHECKED - JSL
DATE - 11-18-2025

REVISED - ---
REVISED - ---
REVISED - ---
REVISED - ---

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SPOT ELEVATION PLAN - RIVER LANE (W)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	43
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				



No.
79-025

Pin No
11-01-479-014

Pin No.
11-01-478-017
BUTITTA BROTHERS

Pin No.
11-01-478-016

MATCH LINE STA. 1001+50 (SEE SHEET 42)

MATCH LINE STA. 1004+50 (SEE SHEET 45)

N. 2ND STREET (IL-251)

MERRILL AVENUE

Pin
12-06-354-004

Pin
12-06-354-031
DON'S APPLIANCE

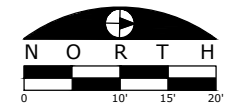
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SIPS

Pin No
12-06-353-005

Pin No.
12-06-353-004

LEGEND

- N. 2ND ST. (IL 251) REFERENCE CENTERLINE
- LOT LINE
- EXISTING RIGHT-OF-WAY
- EXISTING CURB AND GUTTER
- PROPOSED CURB AND GUTTER
- PROPOSED GRADE BREAK LINE
- +MATCHXXX.XX MATCH EXISTING ELEVATION (SURVEYED ELEV. INDICATED)
- +TWXXX.XX PROPOSED TOP OF SIDEWALK ELEVATION
- +TCXXX.XX PROPOSED TOP OF CURB ELEVATION
- +TPXXX.XX PROPOSED TOP OF PAVEMENT ELEVATION
- +FGXXX.XX PROPOSED FINISHED GRADE ELEVATION



FILE NAME
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USER NAME = Bill Clasen
PLOT SCALE = 1:10
PLOT DATE = 11-18-2025

DESIGNED - WJC
DRAWN - RMG
CHECKED - JSL
DATE - 11-18-2025

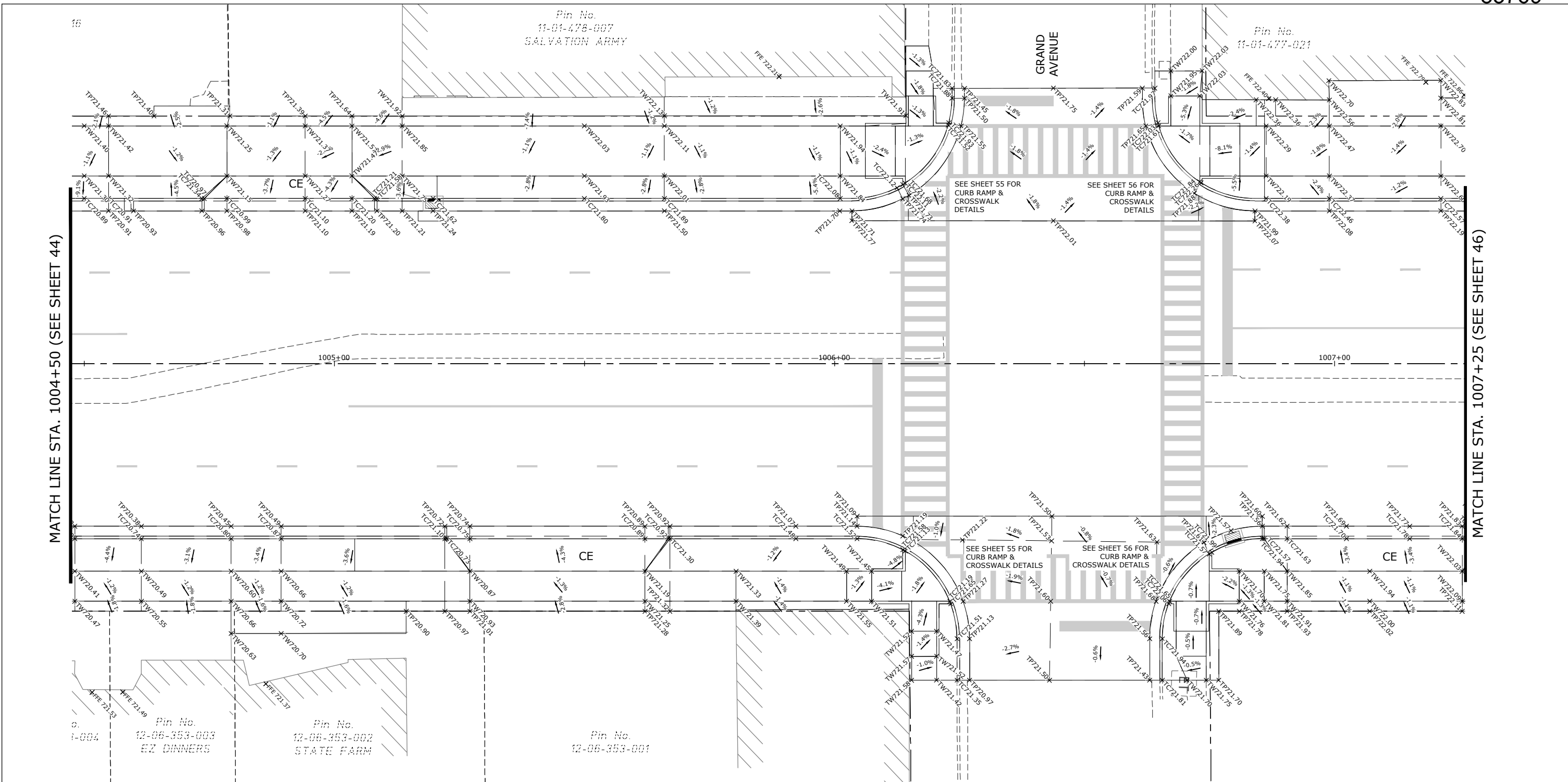
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REVISED - ---



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SPOT ELEVATION PLAN - STA. 1001+50 TO STA. 1004+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	44
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				

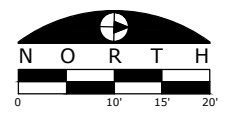


MATCH LINE STA. 1004+50 (SEE SHEET 44)

MATCH LINE STA. 1007+25 (SEE SHEET 46)

LEGEND

---	N. 2ND ST. (IL 251)	---	MATCH EXISTING ELEVATION (SURVEYED ELEV. INDICATED)
---	REFERENCE CENTERLINE	---	PROPOSED TOP OF SIDEWALK ELEVATION
---	LOT LINE	---	PROPOSED TOP OF CURB ELEVATION
---	EXISTING RIGHT-OF-WAY	---	PROPOSED TOP OF PAVEMENT ELEVATION
---	EXISTING CURB AND GUTTER	---	PROPOSED FINISHED GRADE ELEVATION
---	PROPOSED CURB AND GUTTER	---	
---	PROPOSED GRADE BREAK LINE	---	
---		---	



FILE NAME
g:\projects\1917 n 2nd street streetscape improvement\dwg\engineering plans\tep (river in to windsor)\spot elevation plans.dwg

USER NAME = Bill Clasen
DESIGNED - WJC
DRAWN - RMG
CHECKED - JSL
DATE - 11-18-2025

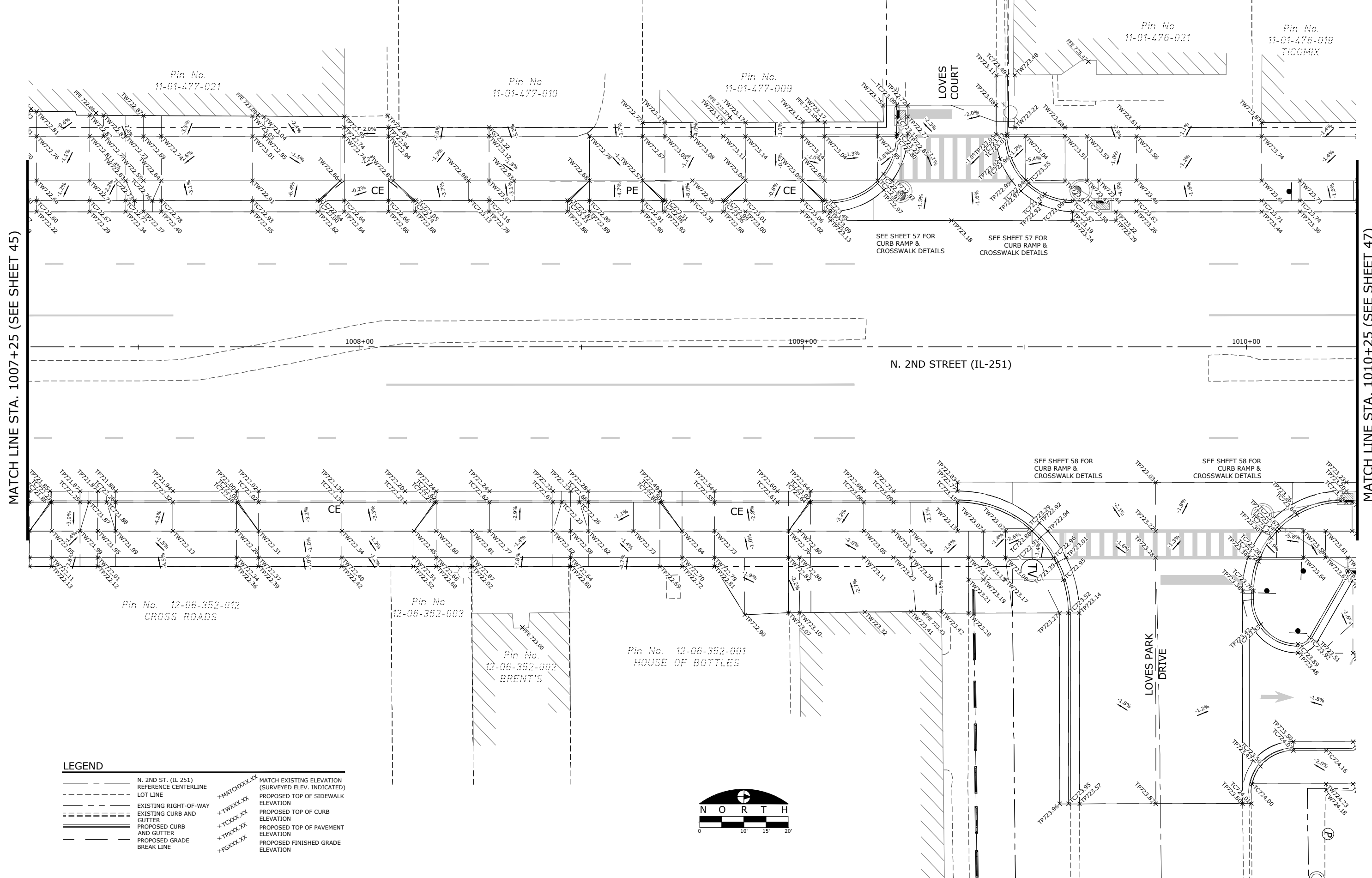
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REVISED - ---

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SPOT ELEVATION PLAN - STA. 1004+50 TO STA. 1007+25

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	45
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				

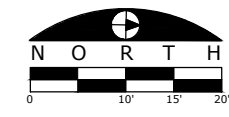


MATCH LINE STA. 1007+25 (SEE SHEET 45)

MATCH LINE STA. 1010+25 (SEE SHEET 47)

LEGEND

— N. 2ND ST. (IL 251)	--- MATCH EXISTING ELEVATION (SURVEYED ELEV. INDICATED)
--- REFERENCE CENTERLINE	--- PROPOSED TOP OF SIDEWALK ELEVATION
--- LOT LINE	--- PROPOSED TOP OF CURB ELEVATION
--- EXISTING RIGHT-OF-WAY	--- PROPOSED TOP OF PAVEMENT ELEVATION
--- EXISTING CURB AND GUTTER	--- PROPOSED FINISHED GRADE ELEVATION
--- PROPOSED CURB AND GUTTER	
--- PROPOSED GRADE BREAK LINE	
*MATCHXXX.XX	
*TWXXX.XX	
*TCXXX.XX	
*TPXXX.XX	
*FGXXX.XX	



FILE NAME
g:\projects\17 n 2nd street streetscape improvement\dwg\engineering plans\tep (river in to windsor)\spot elevation plans.dwg

USER NAME = Bill Clasen	DESIGNED - WJC	REVISED - ---
PLOT SCALE = 1:10	DRAWN - RMG	REVISED - ---
PLOT DATE = 11-18-2025	CHECKED - JSL	REVISED - ---
	DATE - 11-18-2025	REVISED - ---

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SPOT ELEVATION PLAN - STA. 1007+25 TO STA. 1010+25

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	46
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				

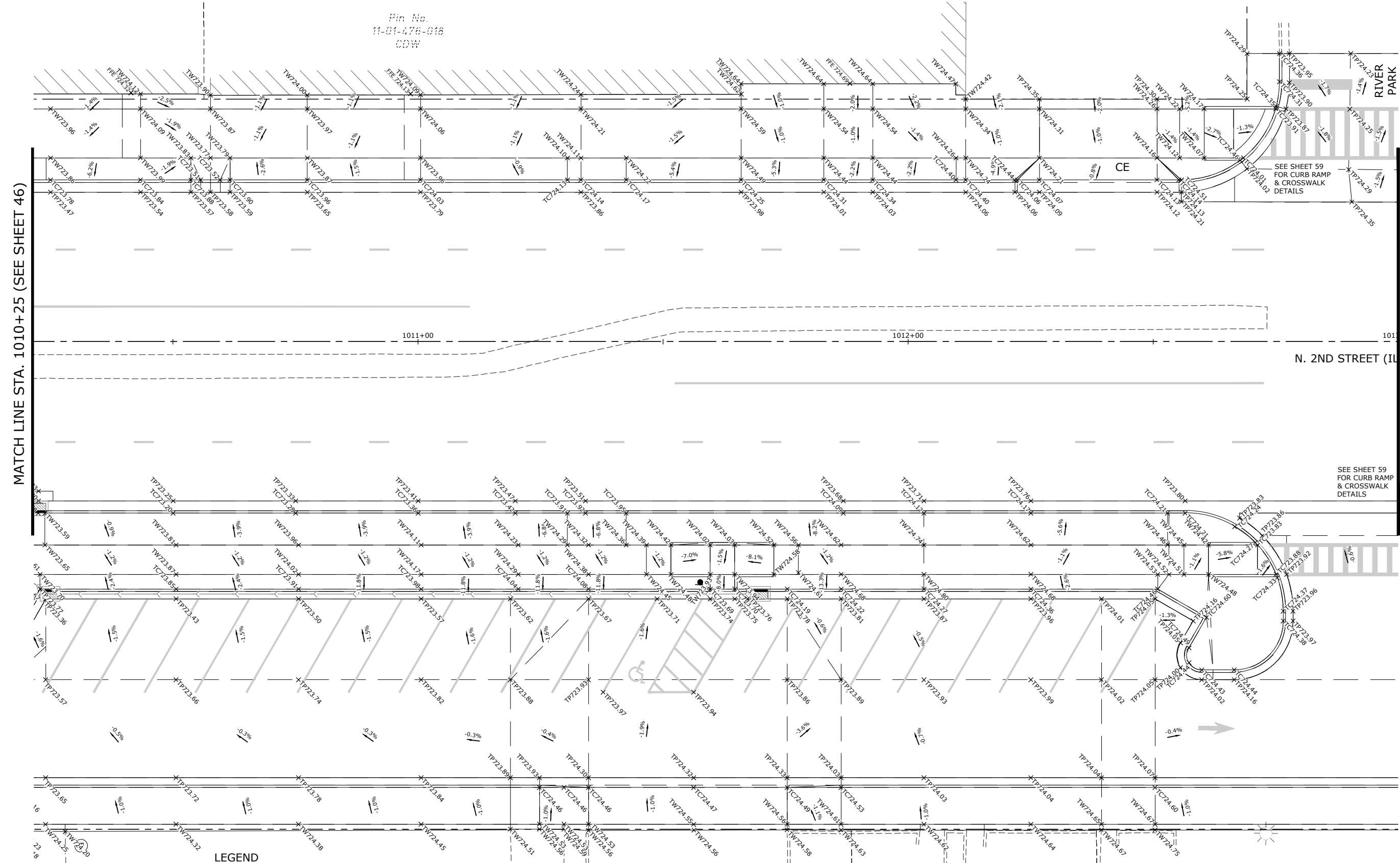
Pin No.
11-01-476-018
CDW

Pin No.
12-06-304-019
FOREST HILLS
MEMORIALS

MATCH LINE STA. 1010+25 (SEE SHEET 46)

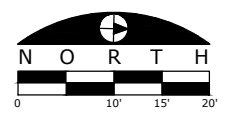
MATCH LINE STA. 1013+00 (SEE SHEET 48)

N. 2ND STREET (IL



LEGEND

- N. 2ND ST. (IL 251) REFERENCE CENTERLINE
- - - - - LOT LINE
- ===== EXISTING RIGHT-OF-WAY
- ===== EXISTING CURB AND GUTTER
- ===== PROPOSED CURB AND GUTTER
- PROPOSED GRADE BREAK LINE
- *MATCHXXX.XX MATCH EXISTING ELEVATION (SURVEYED ELEV. INDICATED)
- *TWXXX.XX PROPOSED TOP OF SIDEWALK ELEVATION
- *TCXXX.XX PROPOSED TOP OF CURB ELEVATION
- *TPXXX.XX PROPOSED TOP OF PAVEMENT ELEVATION
- *FGXXX.XX PROPOSED FINISHED GRADE ELEVATION



FILE NAME
g:\projects\1917 n 2nd street streetscape
improvement\dwg\engineering plans\step (river in to
windsor)\spot elevation plans.dwg

USER NAME = Bill Clasen
PLOT SCALE = 1:10
PLOT DATE = 11-18-2025

DESIGNED - WJC
DRAWN - RMG
CHECKED - JSL
DATE - 11-18-2025

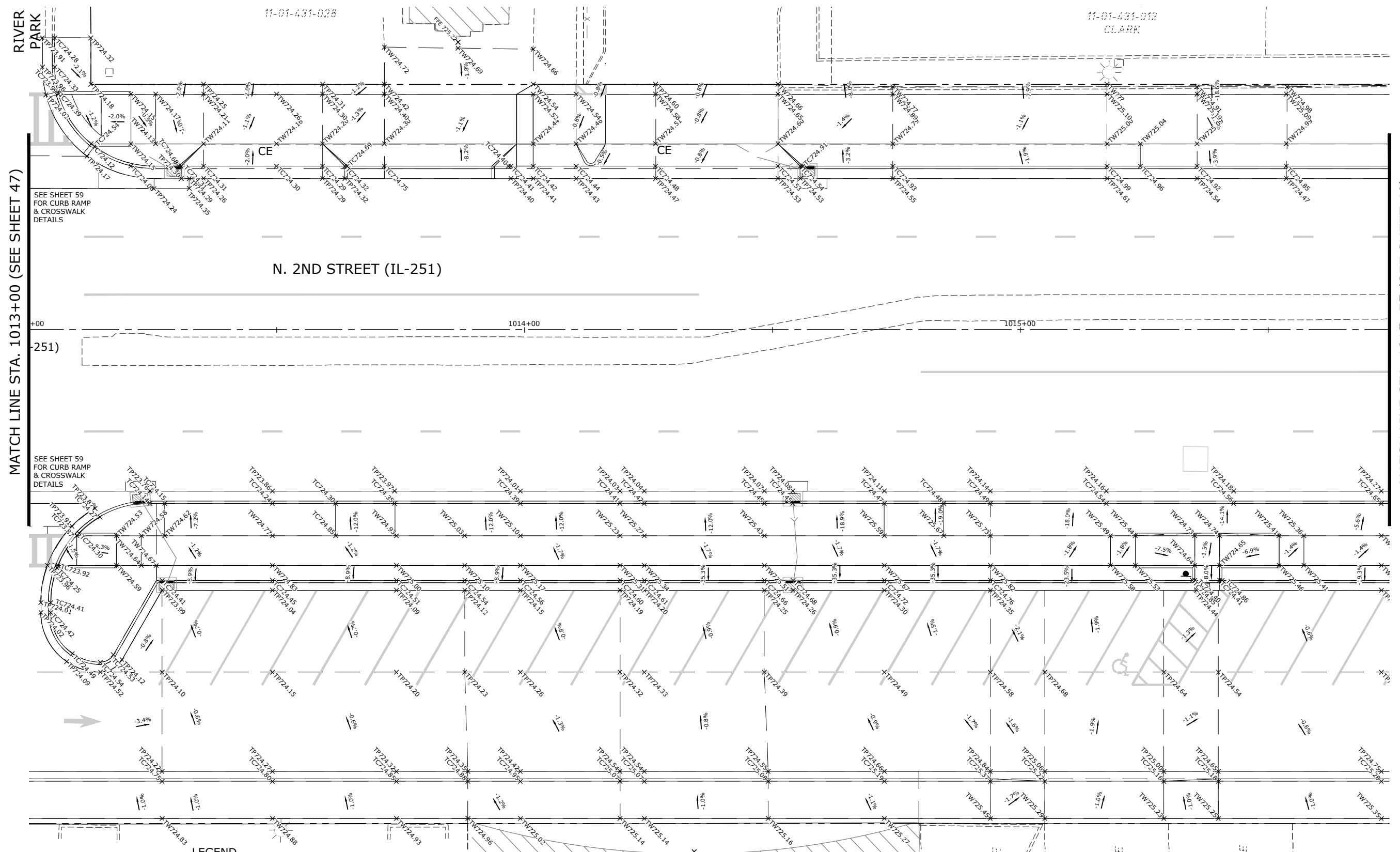
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REVISED - ---



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SPOT ELEVATION PLAN - STA. 1010+25 TO STA.
1013+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	47
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 1013+00 (SEE SHEET 47)

MATCH LINE STA. 1015+75 (SEE SHEET 49)

11-01-431-028

11-01-431-012
CLARK

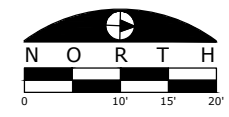
N. 2ND STREET (IL-251)

SEE SHEET 59
FOR CURB RAMP
& CROSSWALK
DETAILS

SEE SHEET 59
FOR CURB RAMP
& CROSSWALK
DETAILS

LEGEND

---	N. 2ND ST. (IL 251)	---	MATCH EXISTING ELEVATION
- - - -	REFERENCE CENTERLINE	---	(SURVEYED ELEV. INDICATED)
---	LOT LINE	---	PROPOSED TOP OF SIDEWALK
---	EXISTING RIGHT-OF-WAY	---	ELEVATION
---	EXISTING CURB AND	---	PROPOSED TOP OF CURB
---	GUTTER	---	ELEVATION
---	PROPOSED CURB	---	PROPOSED TOP OF PAVEMENT
---	AND GUTTER	---	ELEVATION
---	PROPOSED GRADE	---	PROPOSED FINISHED GRADE
---	BREAK LINE	---	ELEVATION



FILE NAME
g:\projects\1917 n 2nd street streetscape
improvement\dwg\engineering plans\spot (river ln to
windsor)\spot elevation plans.dwg

USER NAME = Bill Clasen
PLOT SCALE = 1:10
PLOT DATE = 11-18-2025

DESIGNED - WJC
DRAWN - RMG
CHECKED - JSL
DATE - 11-18-2025

REVISED - ---
REVISED - ---
REVISED - ---
REVISED - ---

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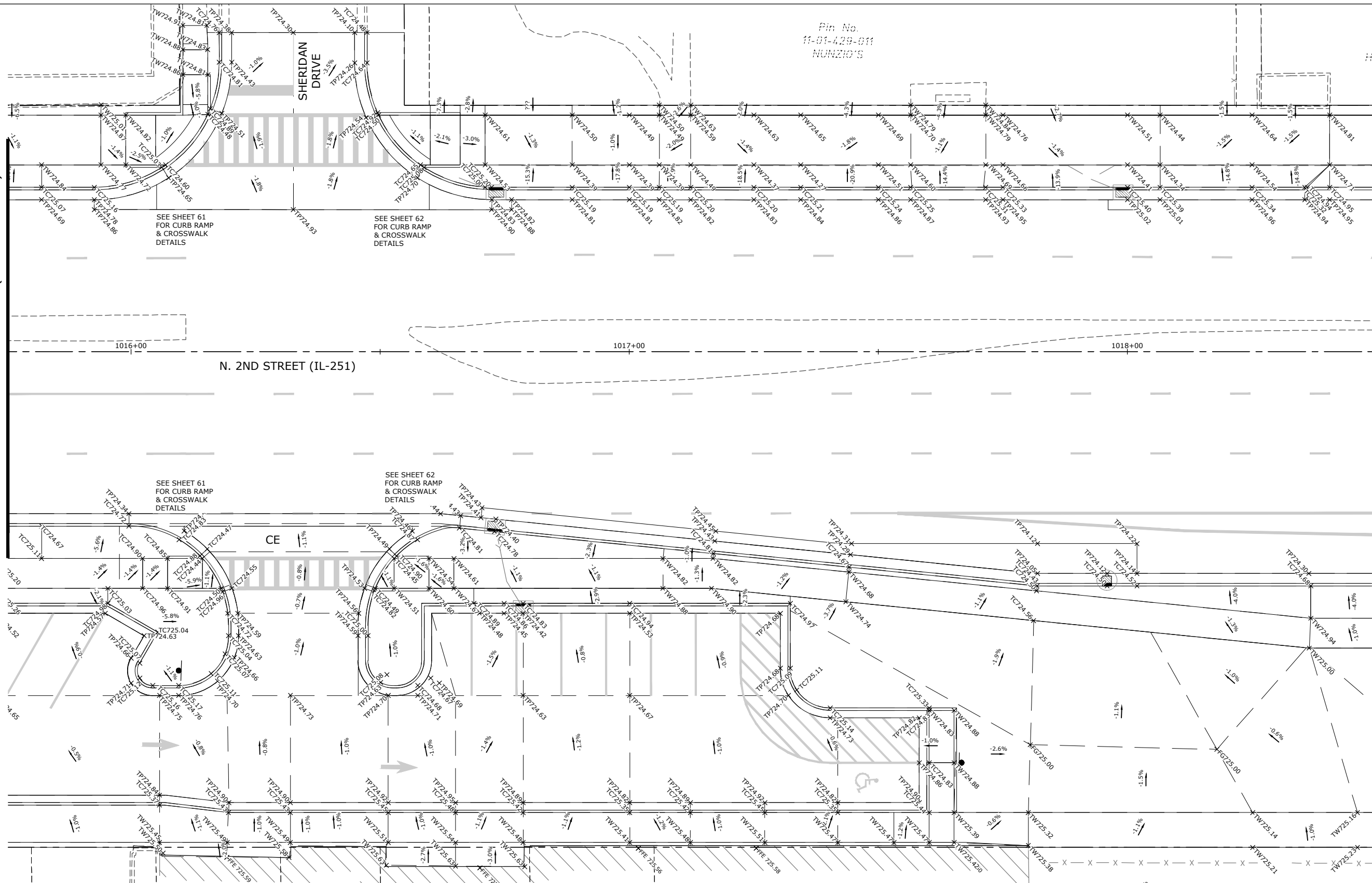
SPOT ELEVATION PLAN - STA. 1013+00 TO STA. 1015+75

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	48
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				

Pin No.
11-01-429-011
NUNZIO'S

MATCH LINE STA. 1015+75 (SEE SHEET 48)

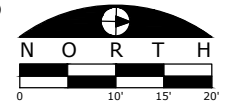
MATCH LINE STA. 1018+50 (SEE SHEET 50)



Pin No. 12-06-304-007
 Pin No. 12-06-304-008 CD SOURCE
 Pin No. 12-06-304-009
 Pin No. 12-06-304-004 MABEL'S JACKPOT
 Pin No. 12-06-304-003 BETTER PLACE SLOTS
 Pin No. 12-06-304-002 UNIFORM DEN

LEGEND

- N. 2ND ST. (IL 251)
- - - REFERENCE CENTERLINE
- - - LOT LINE
- - - EXISTING RIGHT-OF-WAY
- - - EXISTING CURB AND GUTTER
- - - PROPOSED CURB AND GUTTER
- - - PROPOSED GRADE BREAK LINE
- *MATCHXXX.XX MATCH EXISTING ELEVATION (SURVEYED ELEV. INDICATED)
- *TWXXX.XX PROPOSED TOP OF SIDEWALK ELEVATION
- *TCXXX.XX PROPOSED TOP OF CURB ELEVATION
- *TPXXX.XX PROPOSED TOP OF PAVEMENT ELEVATION
- *FGXXX.XX PROPOSED FINISHED GRADE ELEVATION



FILE NAME
g:\projects\117 n 2nd street streetscape improvement\dwg\engineering plans\tep (river in to windsor)\spot elevation plans.dwg

USER NAME = Bill Clasen
 DESIGNED - WJC
 DRAWN - RMG
 CHECKED - JSL
 DATE - 11-18-2025

REVISED - ---
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 REVISED - ---

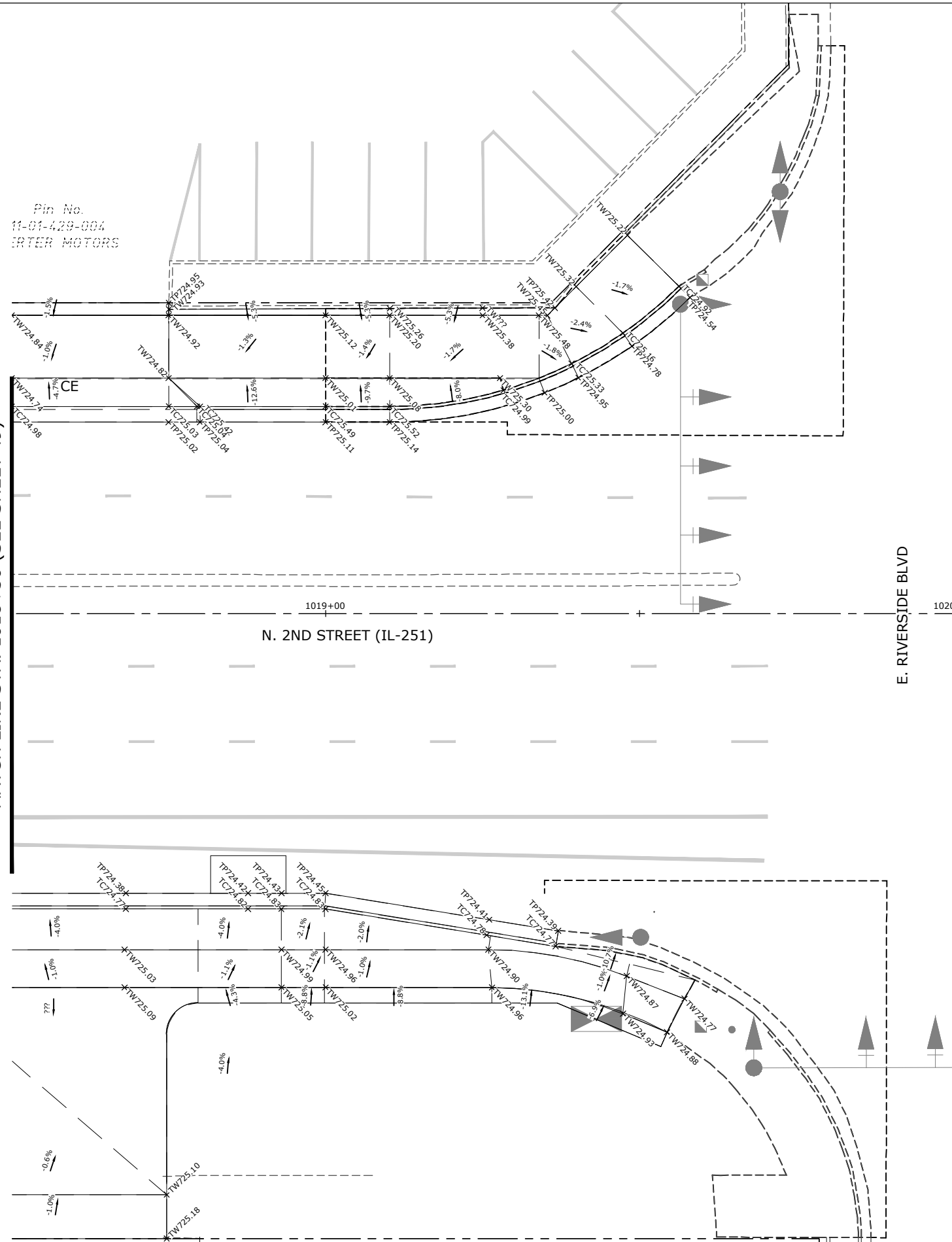
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SPOT ELEVATION PLAN - STA. 1015+75 TO STA. 1018+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	49
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				

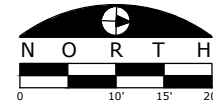
Pin No.
11-01-429-004
ENTER MOTORS

MATCH LINE STA. 1018+50 (SEE SHEET 49)



LEGEND

- N. 2ND ST. (IL 251)
- REFERENCE CENTERLINE
- LOT LINE
- EXISTING RIGHT-OF-WAY
- EXISTING CURB AND GUTTER
- PROPOSED CURB AND GUTTER
- PROPOSED GRADE BREAK LINE
- *MATCHXXX.XX MATCH EXISTING ELEVATION (SURVEYED ELEV. INDICATED)
- *TWXXX.XX PROPOSED TOP OF SIDEWALK ELEVATION
- *TCXXX.XX PROPOSED TOP OF CURB ELEVATION
- *TPXXX.XX PROPOSED TOP OF PAVEMENT ELEVATION
- *FGXXX.XX PROPOSED FINISHED GRADE ELEVATION



FILE NAME
g:\projects\19117 n 2nd street streetscape
improvement\dwg\engineering plans\tep (river in to
windsor)\spot elevation plans.dwg

USER NAME = Bill Clasen	DESIGNED - WJC	REVISED - ---
PLOT SCALE = 1:10	DRAWN - RMG	REVISED - ---
PLOT DATE = 11-18-2025	CHECKED - JSL	REVISED - ---
	DATE - 11-18-2025	REVISED - ---

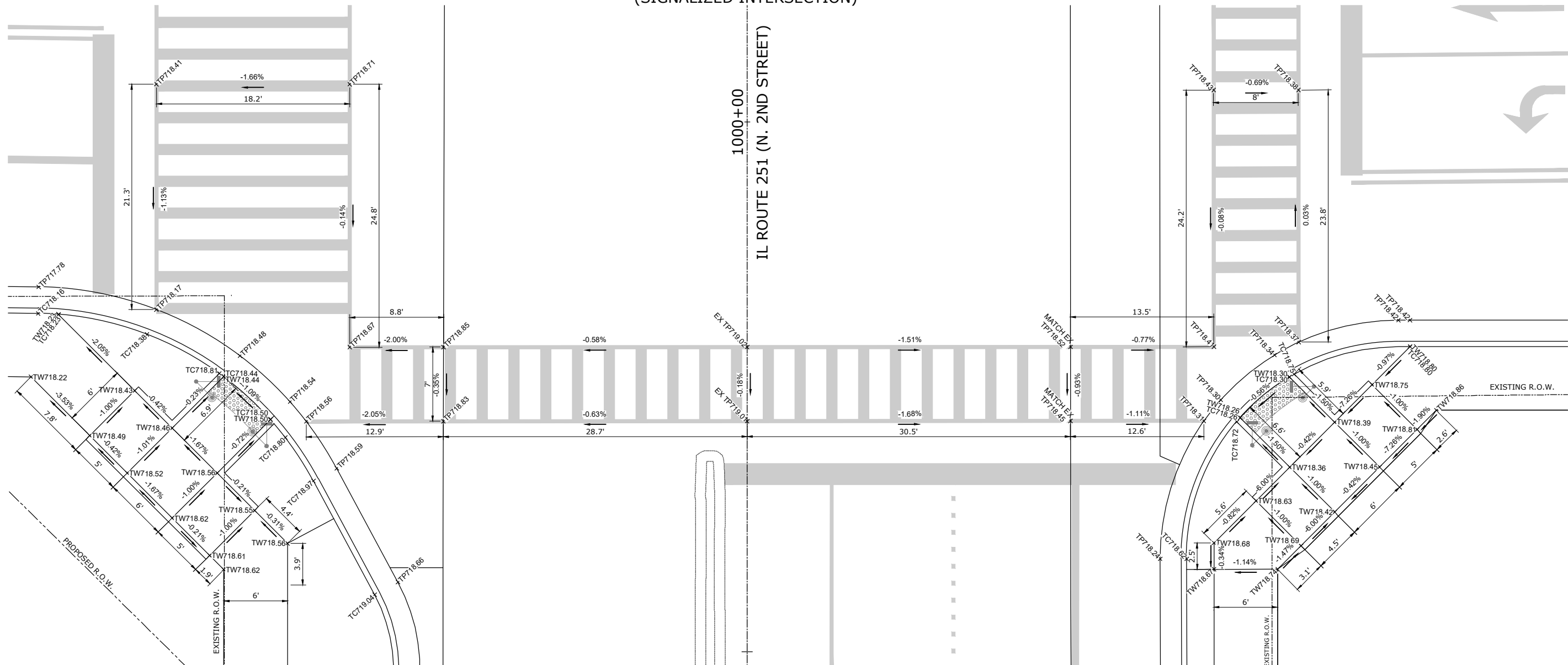
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Loves Park, IL 61111
(815) 484-4300
www.arcdesign.com

SPOT ELEVATION PLAN - STA. 1018+50 TO STA. 1020+00

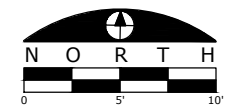
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	50
ILLINOIS FED. AID PROJECT				

RIVER LANE
(SIGNALIZED INTERSECTION)



LEGEND

- X TWxxx.xx TOP OF WALK ELEVATION
- X TPxxx.xx TOP OF PAVEMENT ELEVATION
- X TCxxx.xx TOP OF CURB ELEVATION
- X.XX% SIDEWALK/PAVEMENT GRADE
- [Symbol] DETECTABLE WARNING TILE
- [Symbol] CC&G, TYPE B-6.24 UNLESS OTHERWISE NOTED
- [Symbol] PEDESTRIAN PUSH BUTTON AND SIGNAL (SEE SHEET 65)



ILLINOIS ROUTE 251 AT RIVER LANE - SOUTH
ADA RAMP DESIGN

FILE NAME g:\projects\19117 n 2nd street streetscape improvement\dwg\engineering plans\itp (river ln to windsor)\intersection details.dwg	USER NAME = Bill Clasen	DESIGNED - WJC	REVISED - ---
	PLOT SCALE = 1:5	DRAWN - RMG	REVISED - ---
	PLOT DATE = 11-18-2025	CHECKED - JSL	REVISED - ---
		DATE - 11-18-2025	REVISED - ---

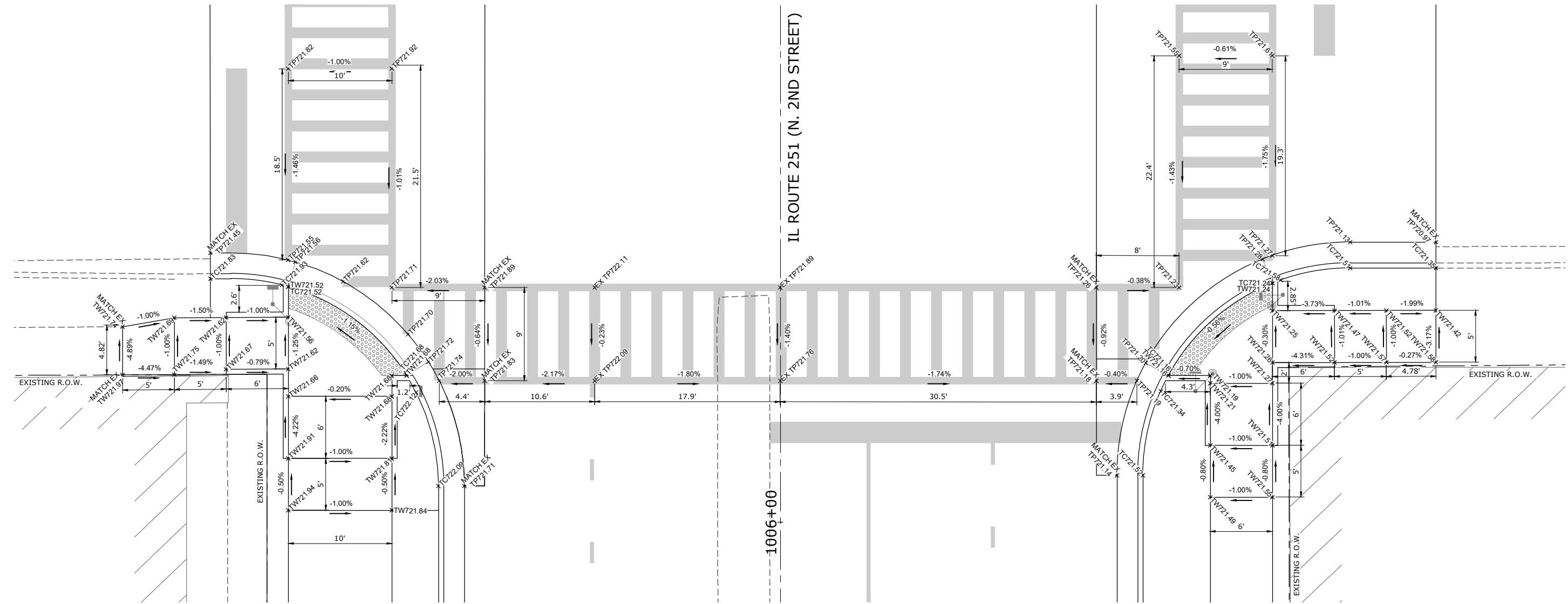
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ADA RAMP DESIGN - RIVER LANE (S)

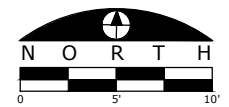
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	51
ILLINOIS FED. AID PROJECT				

GRAND AVENUE
(SIGNALIZED INTERSECTION)



LEGEND

- X TWxxx.xx TOP OF WALK ELEVATION
- X TPxxx.xx TOP OF PAVEMENT ELEVATION
- X TCxxx.xx TOP OF CURB ELEVATION
- X.XX% SIDEWALK/PAVEMENT GRADE
- [Pattern] DETECTABLE WARNING TILE
- [Box] CC&G, TYPE B-6.24 UNLESS OTHERWISE NOTED
- [Symbol] PEDESTRIAN PUSH BUTTON AND SIGNAL (SEE SHEET 68)



ILLINOIS ROUTE 251 AT GRAND AVENUE - SOUTH
ADA RAMP DESIGN

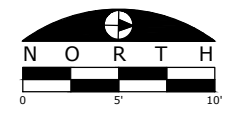
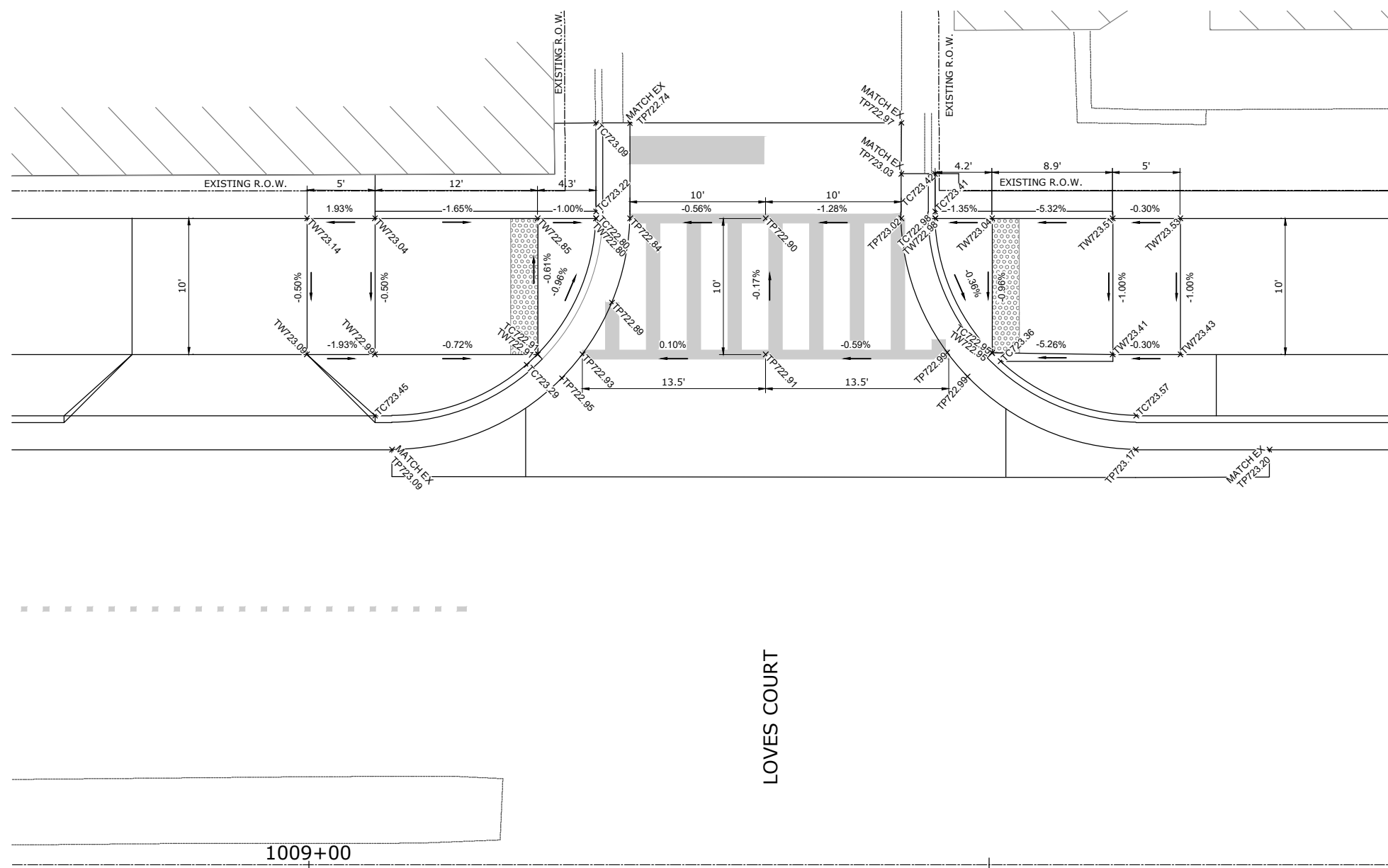
FILE NAME g:\projects\1917 n 2nd street streetscape improvement\dwg\engineering plans\itp (river ln to windsor)\intersection details.dwg	USER NAME = Bill Clasen	DESIGNED - WJC	REVISED - ---
	PLOT SCALE: #	DRAWN - RMG	REVISED - ---
	PLOT DATE: 11/18/2025	CHECKED - JSL	REVISED - ---
		DATE - 11/18/2025	REVISED - ---

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ADA RAMP DESIGN - GRAND AVENUE (S)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	55
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				



ILLINOIS ROUTE 251 AT LOVES COURT
ADA RAMP DESIGN

FILE NAME g:\projects\19117 n 2nd street streetscape improvement\dwg\engineering plans\itp (river ln to windsor)\intersection details.dwg	USER NAME = Bill Clasen	DESIGNED - WJC	REVISED - ---
	PLOT SCALE = 1:5	DRAWN - RMG	REVISED - ---
	PLOT DATE = 11-18-2025	CHECKED - JSL	REVISED - ---
		DATE - 11-18-2025	REVISED - ---

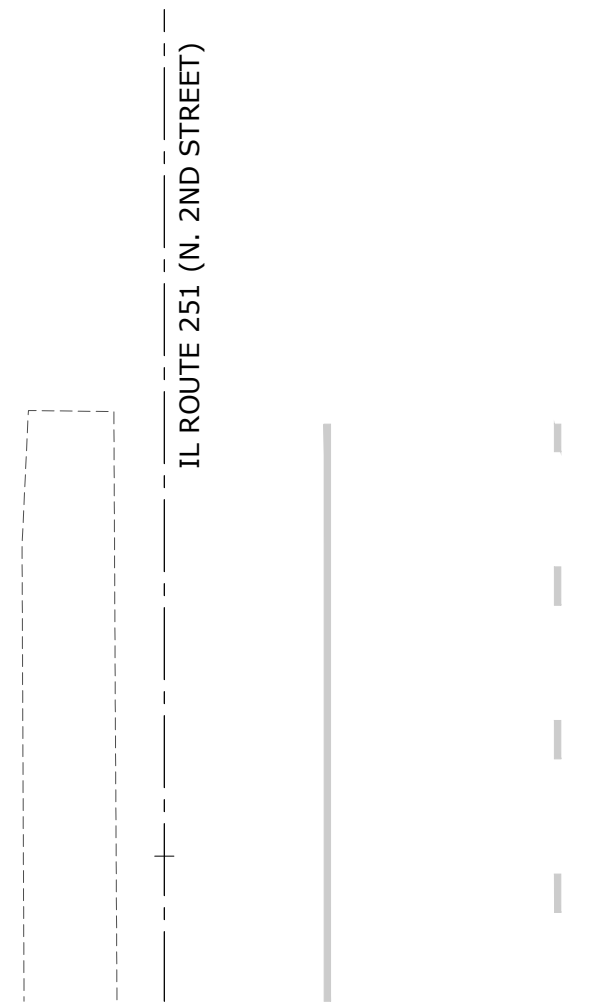
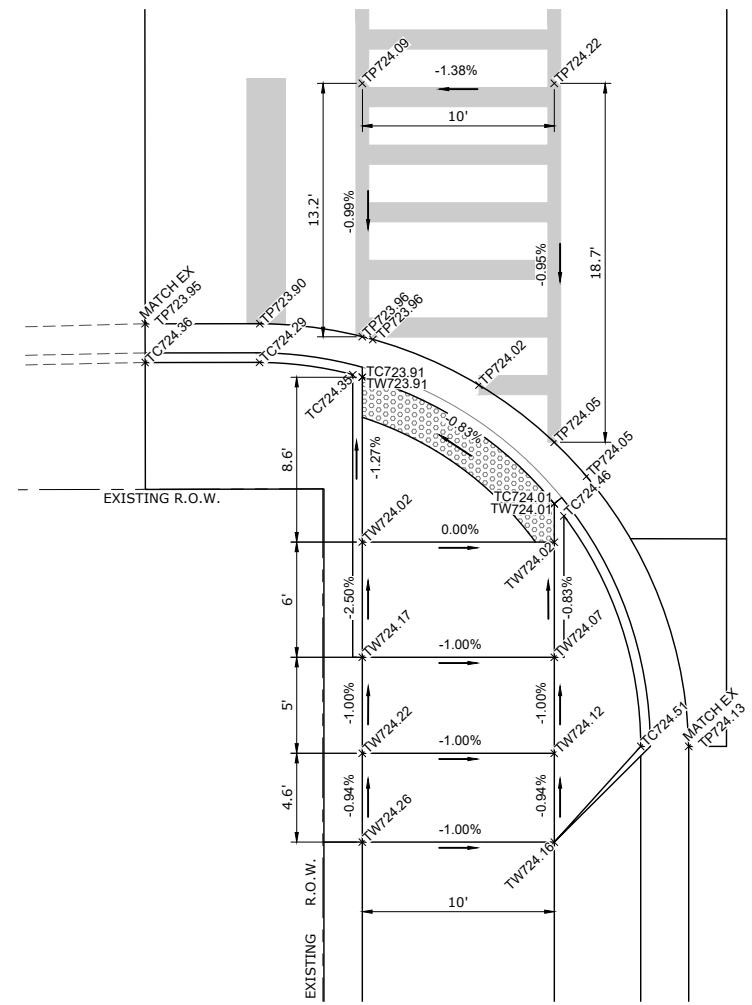
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ADA RAMP DESIGN - LOVES COURT

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	57
ILLINOIS FED. AID PROJECT				

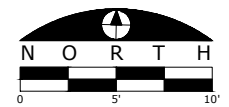
RIVER PARK ROAD



IL ROUTE 251 (N. 2ND STREET)

LEGEND

- X TWxxx.xx TOP OF WALK ELEVATION
- X TPxxx.xx TOP OF PAVEMENT ELEVATION
- X TCOxxx.xx TOP OF CURB ELEVATION
- X.XX% SIDEWALK/PAVEMENT GRADE
- [Pattern] DETECTABLE WARNING TILE
- [Box] CC&G, TYPE B-6.24 UNLESS OTHERWISE NOTED



ILLINOIS ROUTE 251 AT RIVER PARK ROAD - SOUTH
ADA RAMP DESIGN

FILE NAME
g:\projects\19117 n 2nd street streetscape
improvement\dwg\engineering plans\step (river in to
windsor)\intersection details.dwg

USER NAME = Bill Clasen
DESIGNED - WJC
DRAWN - RMG
PLOT SCALE = 1:5
PLOT DATE = 11-18-2025
CHECKED - JSL
DATE - 11-18-2025

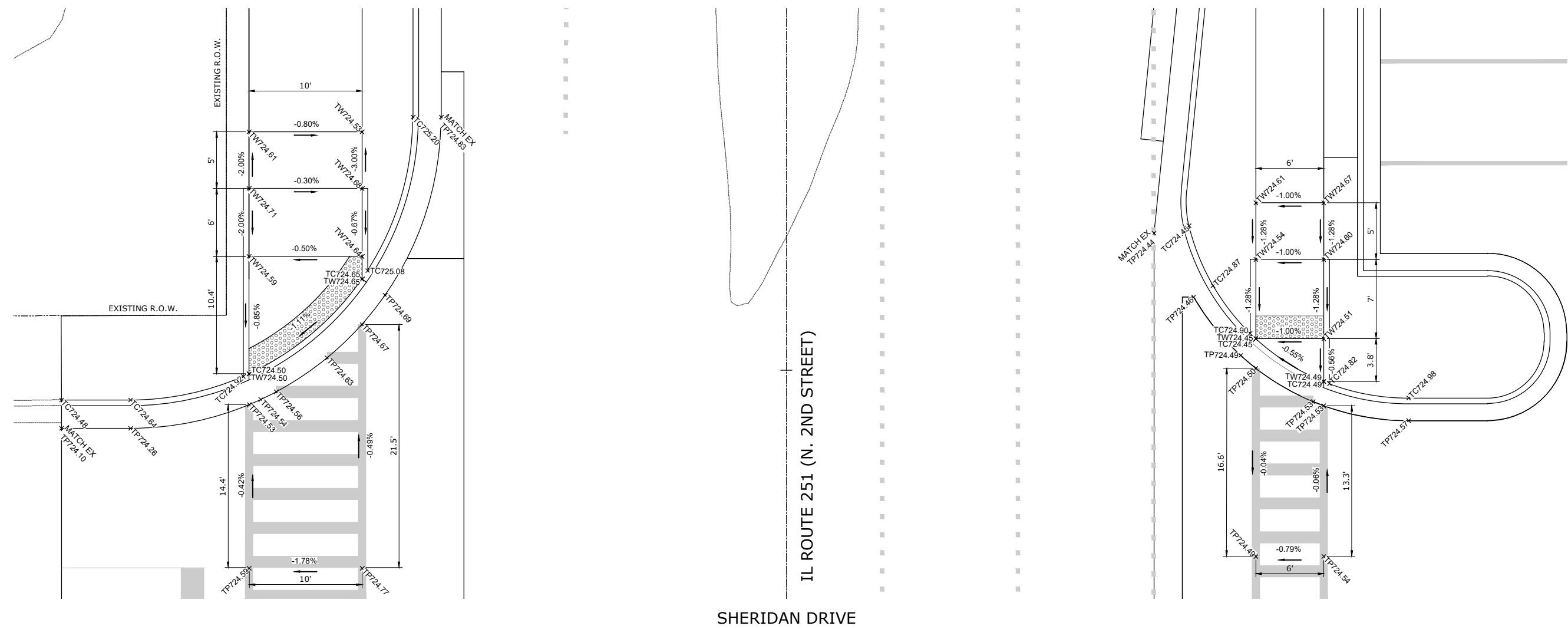
REVISED - ---
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REVISED - ---



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ADA RAMP DESIGN - RIVER PARK ROAD (S)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	59
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				

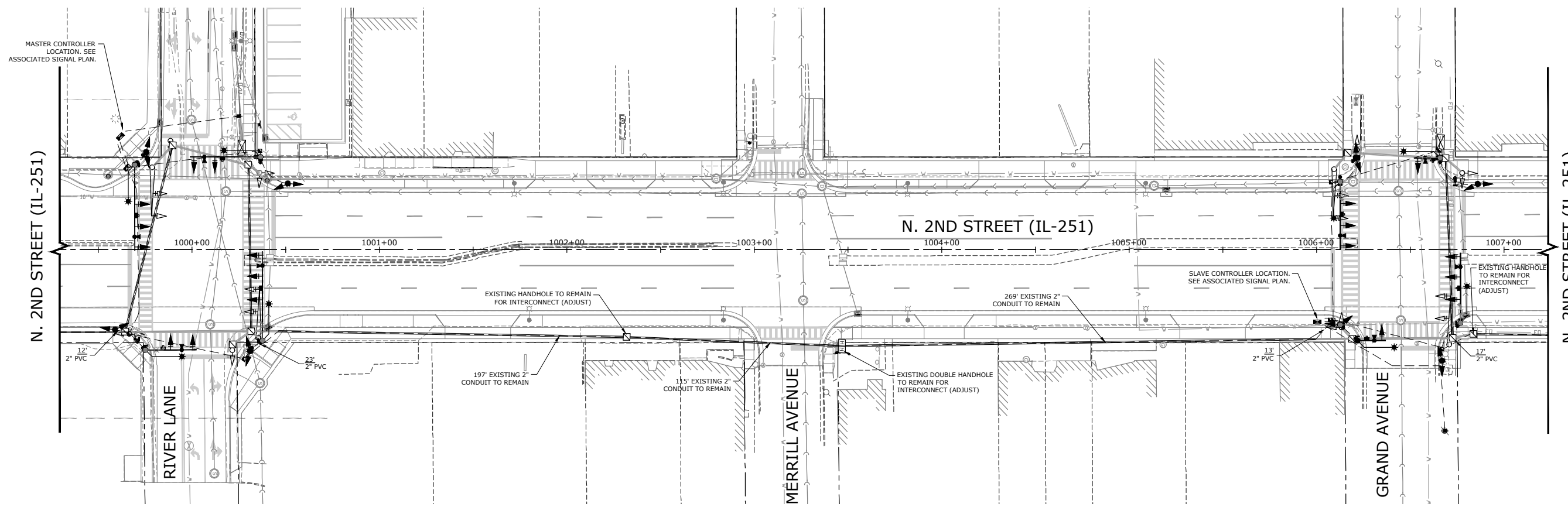


ILLINOIS ROUTE 251 AT SHERIDAN DRIVE - NORTH
ADA RAMP DESIGN

LEGEND

- X TWxxx.xx TOP OF WALK ELEVATION
- X TPxxx.xx TOP OF PAVEMENT ELEVATION
- X TCOxx.xx TOP OF CURB ELEVATION
- X.XX% SIDEWALK/PAVEMENT GRADE
- [Pattern] DETECTABLE WARNING TILE
- [Box] CC&G, TYPE B-6.24 UNLESS OTHERWISE NOTED

FILE NAME g:\projects\19117 n 2nd street streetscape improvement\dwg\engineering plans\itp (river ln to windsor)\intersection details.dwg	USER NAME = Bill Clasen	DESIGNED - WJC	REVISED - ---	CIVIL ENGINEERING & LAND SURVEYING 5291 Zenith Pkwy. Loves Park, IL 61111 (815) 484-4300 www.arcdesign.com	ADA RAMP DESIGN - SHERIDAN DRIVE (N)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1:5	DRAWN - RMG	REVISED - ---			303	21-00078-01-SW	WINNEBAGO	85	62
	PLOT DATE = 11-18-2025	CHECKED - JSL	REVISED - ---			CONTRACT #85769				
	DATE - 11-18-2025	DATE - 11-18-2025	REVISED - ---			ILLINOIS FED. AID PROJECT				

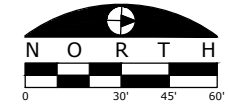


INTERCONNECT NOTES

1. INTERCONNECT NEW MASTER CONTROLLER AT N. 2ND/RIVER AND NEW SLAVE CONTROLLER AT N. 2ND/GRAND.
2. MASTER CONTROLLER SHALL BE CAPABLE OF CONTROLLING A CORRIDOR OF UP TO 8 INTERSECTIONS.
3. ALL INTERCONNECT CONDUIT SHALL INCLUDE TRACER WIRE.

LEGEND

	EXISTING	PROPOSED
RIGHT-OF-WAY LINE	---	---
CONCRETE CURB & GUTTER	---	---
CONDUIT IN TRENCH (T) OR PUSHED (P)	---	---
CONTROLLER	☒	☒
EXISTING SIGNAL POST	○	○
EXISTING MAST ARM	┆	┆
SIGNAL HEAD	▲	▲
SIGNAL HEAD WITH BACKPLATE	▲	▲
HANDHOLE	☒	☒
HEAVY DUTY HANDHOLE	☒	☒
DOUBLE HANDHOLE	☒	☒



FILE NAME
g:\projects\19117 n 2nd street streetscape
improvement\dwg\engineering plans\itp (river ln to
windor)\signal plan.dwg

USER NAME = Bill Clasen	DESIGNED - WJC	REVISED - ---
PLOT SCALE = 1:20	DRAWN - RMG	REVISED - ---
PLOT DATE = 11-18-2025	CHECKED - JSL	REVISED - ---
	DATE - 11-18-2025	REVISED - ---

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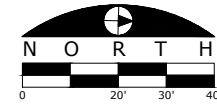
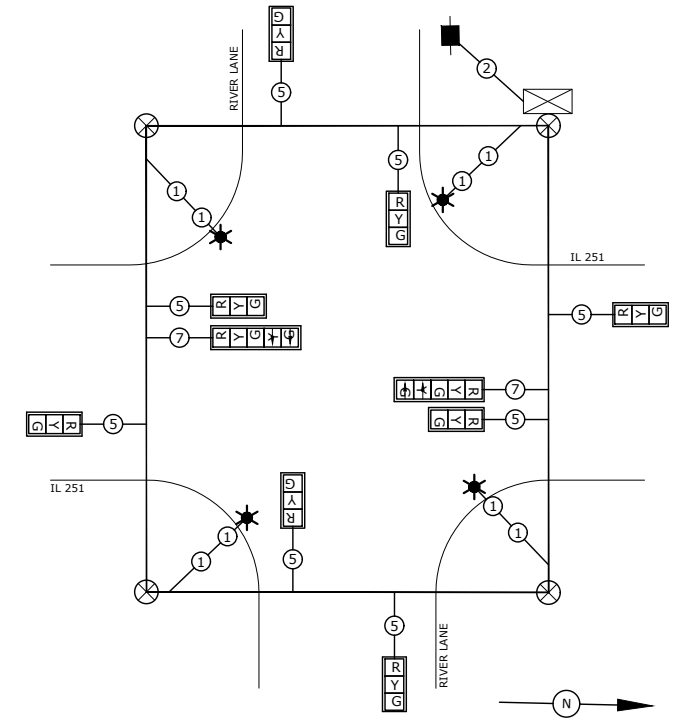
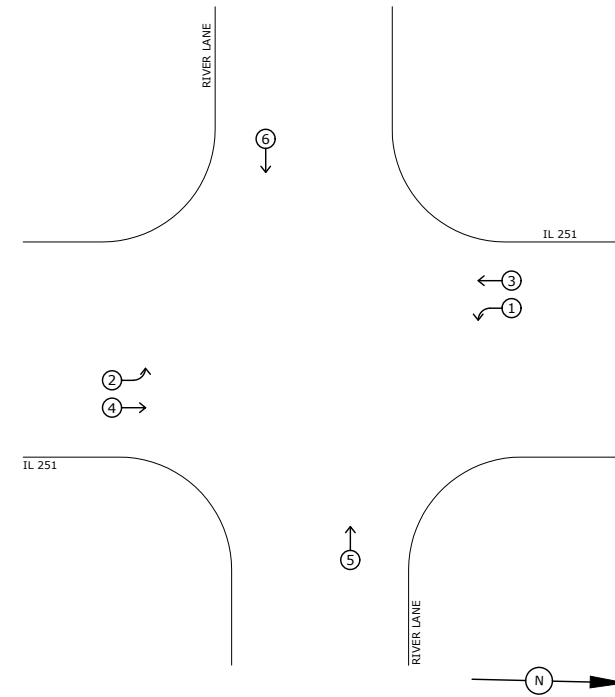
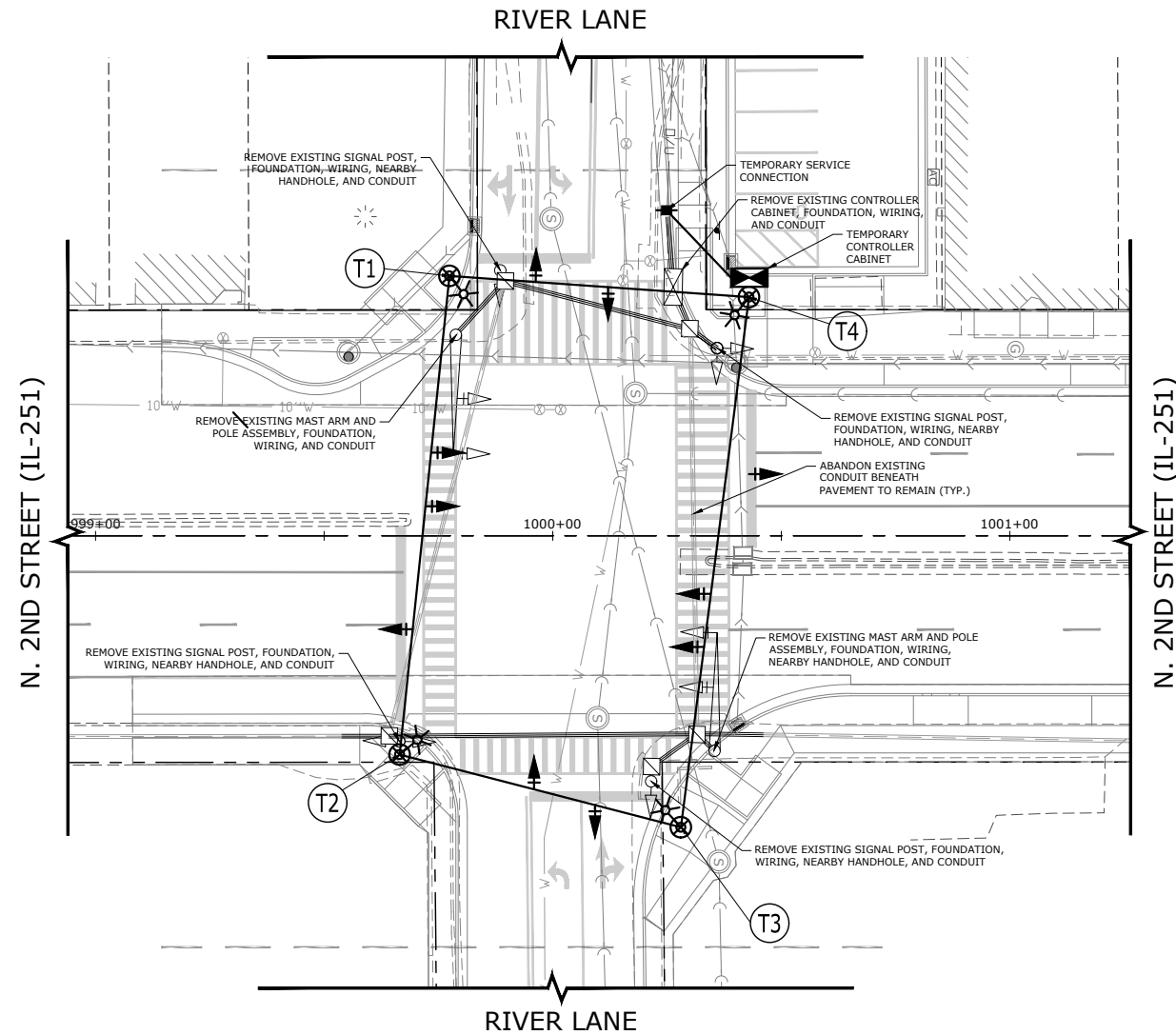
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INTERCONNECT PLAN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	63
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				

TEMPORARY PHASING PLAN

TEMPORARY SIGNAL CABLE PLAN



EXISTING TRAFFIC SIGNAL OPERATES WITH LOOP DETECTORS. DETECTORS TO BE ABANDONED IN PLACE AND REPLACED WITH VIDEO DETECTION. ANY LOOP EQUIPMENT IN CONFLICT WITH PROPOSED WORK SHALL BE REMOVED.

GENERAL NOTES

- CALL J.U.L.I.E. AT LEAST 48 HOURS PRIOR TO CONSTRUCTION (800) 892-0123.
- ALL UTILITIES SHALL BE LOCATED IN THE FIELD PRIOR TO CONSTRUCTION. NOTIFY THE ENGINEER OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO CONSTRUCTION. ELECTRIC SERVICE LOCATION SHALL BE VERIFIED PRIOR TO BEGINNING OF CONSTRUCTION.
- ALL SIGNING, STRIPING, TRAFFIC SIGNALS, AND TRAFFIC CONTROL DEVICES DURING CONSTRUCTION SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CURRENT EDITION.
- ALL TEMPORARY TRAFFIC CONTROL MEASURES TO BE USED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CURRENT EDITION.
- ALL NEW CONSTRUCTION SHALL CONFORM TO THE SPECIFICATIONS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
- ALL NEW LENSES SHALL BE 12" . SIGNAL HEADS SHALL BE LOCATED AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. CONTRACTOR SHALL FURNISH ENOUGH SLACK IN THE CABLE TO RELOCATE SIGNAL HEADS TO ANY LOCATION ON THE SPAN WIRE AS REQUIRED BY FUTURE CONSTRUCTION STAGING OPERATIONS. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
- ALL LABOR AND MATERIALS REQUIRED TO SUPPLY A FULLY OPERATIONAL TEMPORARY TRAFFIC SIGNAL SYSTEM COMPLYING WITH THESE REQUIREMENTS, AS WELL AS MAINTENANCE OF THE TEMPORARY TRAFFIC SIGNAL SYSTEM DURING CONSTRUCTION, SHALL BE CONSIDERED INCIDENTAL TO THE BID PRICE OF TEMPORARY TRAFFIC SIGNAL INSTALLATION.
- TRENCH AND BACKFILL FOR ELECTRICAL WORK SHALL BE INCIDENTAL TO ALL TRENCHED CONDUITS.
- QUESTIONS ON THE OPERATION OF THE TRAFFIC SIGNAL SYSTEMS SHOULD BE DIRECTED TO THE CITY OF LOVES PARK.
- REMOVED SIGNAL EQUIPMENT, SIGNS AND SUPPORTS SHALL BE SALVAGED AND REMAIN THE PROPERTY OF THE CITY OF LOVES PARK. IF THE CITY OF LOVES PARK CHOOSES NOT TO ACCEPT THE SALVAGED EQUIPMENT, IT IS THE CONTRACTORS RESPONSIBILITY TO DISPOSE OF THE SALVAGED MATERIAL. ANY WIRES OR CONDUITS REMOVED SHALL BE DISPOSED OF BY THE CONTRACTOR.
- THE TEMPORARY TRAFFIC SIGNAL INSTALLATION SHALL INCLUDE THE TEMPORARY WOOD POLES, CONTROLLER, SPAN WIRE, SIGNAL HEADS, EMERGENCY, LUMINAIRES, LUMINAIRE ARMS, ALL HARDWARE REQUIRED TO MOUNT THE EQUIPMENT, ALL CABLES REQUIRED TO MAKE THE TEMPORARY TRAFFIC SIGNAL INSTALLATION OPERATIONAL, AND GROUNDING AND BONDING OF THE TRAFFIC SIGNAL EQUIPMENT, AS WELL AS ANY INCIDENTAL CONSTRUCTION ITEMS OR WORKMANSHIP NOT SPECIFICALLY COVERED UNDER A SEPARATE PAY ITEM.
- EXISTING TRAFFIC SIGNALS SHALL REMAIN FULLY OPERATIONAL UNTIL TEMPORARY SIGNALS OR NEW TRAFFIC SIGNAL INSTALLATION IS COMPLETE AND FULLY OPERATIONAL. TEMPORARY SHUT DOWNS ALLOWED BETWEEN 9:00 A.M. AND 2:00 P.M. WITH PROPER STOP CONTROL AND 24 HOUR NOTIFICATION TO THE CITY.
- TEMPORARY SIGNALS SHALL BE PRETIMED DURING CONSTRUCTION AND COORDINATED WITH CITY OF LOVES PARK. EACH LEG SHALL HAVE A PRE-TIMED PHASE DEDICATED, PHASES 4 AND 8 SHALL BE SINGLE PHASE.

TEMPORARY SIGNAL PLAN LEGEND

CONTROLLER	
SERVICE INSTALLATION	
SIGNAL HEAD WITH BACKPLATE	
LUMINAIRE, SODIUM VAPOR, 250 WATT	
SIGNAL HEAD	
SIGNAL HEAD WITH BACKPLATE	
TEMPORARY WOOD POLE (CLASS 5 MIN)	

REMOVAL LEGEND

CONTROLLER	
MAST ARM ASSEMBLY AND POLE, STEEL	
HANDHOLE	
DOUBLE HANDHOLE	
CONDUIT	
DETECTOR LOOP	

TRAFFIC SIGNAL KEY

T1	STATION 999+77.43, 56.9' LT. TEMPORARY WOOD POLE, 45' HEIGHT W/ 8' BURIED
T2	STATION 999+66.52, 47.9' RT. TEMPORARY WOOD POLE, 45' HEIGHT W/ 8' BURIED
T3	STATION 1000+38.47, 63.2' RT. TEMPORARY WOOD POLE, 45' HEIGHT W/ 8' BURIED
T4	STATION 1000+42.96, 52.2' LT. TEMPORARY WOOD POLE, 45' HEIGHT W/ 8' BURIED

FILE NAME
g:\projects\19117 n 2nd street streetscape
improvement\dwg\engineering plans\temp (river ln to
windsor)\signal plan.dwg

USER NAME = Bill Clasen
PLOT SCALE = 1:20
PLOT DATE = 11-18-2025

DESIGNED - WJC
DRAWN - RMG
CHECKED - JSL
DATE - 11-18-2025

REVISED - ---
REVISED - ---
REVISED - ---
REVISED - ---



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N. 2ND STREET AND RIVER LANE TEMPORARY SIGNAL LAYOUT PLAN

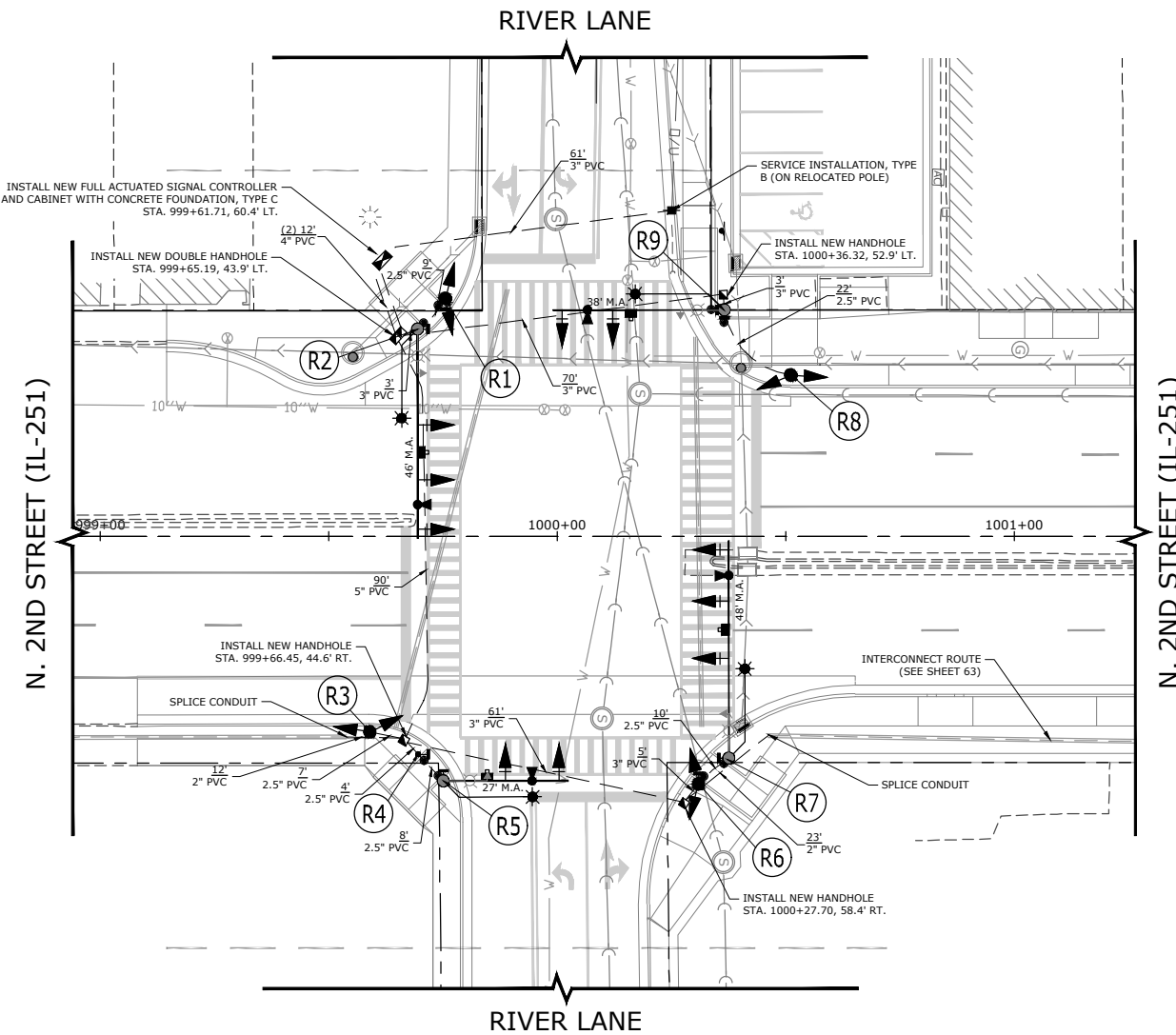
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	64
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				

SIGNAL PLAN LEGEND

	PROPOSED	EXISTING
CONTROLLER		
SERVICE INSTALLATION		
SIGNAL HEAD		
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD, PEDESTRIAN		
SIGNAL POST		
MAST ARM ASSEMBLY AND POLE, STEEL		
HANDHOLE		
HEAVY DUTY HANDHOLE		
DOUBLE HANDHOLE		
G.S. CONDUIT IN TRENCH OR PUSHED		
DETECTOR LOOP		
COMMON TRENCH	CT	
UNIT DUCT	UD	
LOUVERED	"L"	
SIGNAL HEAD OPTICALLY PROGRAMMED	"P"	
PEDESTRIAN PUSH BUTTON		
OPTICAL DETECTOR WITH CONFIRMATION BEACON		
VIDEO DETECTOR CAMERA		
LUMINAIRE		

GENERAL NOTES

- CALL J.U.L.I.E. AT LEAST 48 HOURS PRIOR TO CONSTRUCTION (800) 892-0123.
- ALL UTILITIES SHALL BE LOCATED IN THE FIELD PRIOR TO CONSTRUCTION. NOTIFY THE ENGINEER OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO CONSTRUCTION. ELECTRIC SERVICE LOCATION SHALL BE VERIFIED PRIOR TO BEGINNING OF CONSTRUCTION.
- ALL SIGNING, STRIPING, TRAFFIC SIGNALS, AND TRAFFIC CONTROL DEVICES DURING CONSTRUCTION SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CURRENT EDITION.
- ALL TEMPORARY TRAFFIC CONTROL MEASURES TO BE USED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CURRENT EDITION. ALL NEW CONSTRUCTION SHALL CONFORM TO THE SPECIFICATIONS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
- ALL TRAFFIC SIGNAL BACKPLATES (BLACK) SHALL BE SUPPLIED WITH REFLECTIVE YELLOW BORDER TO MATCH NEW CITY STANDARDS..
- TRENCH AND BACKFILL FOR ELECTRICAL WORK SHALL BE INCIDENTAL TO ALL TRENCHED CONDUITS.
- PROGRAMMING OF THE CONTROLLER SHALL BE PERFORMED BY A TRAINED TECHNICIAN FROM THE MANUFACTURER AND/OR SUPPLIER, WHO HAS EXPERIENCE IN PROGRAMMING AND TROUBLE-SHOOTING, WHO CAN CORRECT ANY PROBLEMS WHICH MAY ARISE, AND WHO CAN VERIFY THAT THE SYSTEM IS FUNCTIONING AS INTENDED.
- QUESTIONS ON THE OPERATION OF THE TRAFFIC SIGNAL SYSTEMS SHOULD BE DIRECTED TO THE CITY OF LOVES PARK.
- EXISTING TRAFFIC SIGNALS SHALL REMAIN FULLY OPERATIONAL UNTIL TEMPORARY SIGNALS OR NEW TRAFFIC SIGNAL INSTALLATION IS COMPLETE AND FULLY OPERATIONAL. TEMPORARY SHUT DOWNS ALLOWED BETWEEN 9:00 A.M. AND 2:00 P.M. WITH PROPER STOP CONTROL AND 24 HOUR NOTIFICATION TO THE CITY.
- A 1/4" DIAMETER CONTINUOUS RODENT RESISTANT NYLON ROPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HAND HOLES AND FOUNDATION OR CONTROLLERS. A RODENT SCREEN SHALL BE PLACED AT THE BOTTOM OF EACH SIGNAL POLE.
- PUSH BUTTON EXTENSIONS SHALL BE INCIDENTAL, IF REQUIRED TO MEET ADA.
- METER NOT REQUIRED FOR SERVICE INSTALLATION. CITY PAYS A FLAT RATE.



TRAFFIC SIGNAL KEY

R1	STATION 999+075.51, 52.0' LT. NEW TRAFFIC SIGNAL POST, GALVANIZED STEEL, 16" NEW CONCRETE FOUNDATION, TYPE A NEW 3 SECTION SIGNAL HEAD, BRACKET MOUNTED NEW 5 SECTION SIGNAL HEAD, BRACKET MOUNTED NEW PEDESTRIAN SIGNAL	R4	STATION 999+69.50, 47.4' RT. NEW PEDESTRIAN SIGNAL POST, GALVANIZED STEEL, 10" NEW CONCRETE FOUNDATION, TYPE C NEW PEDESTRIAN PUSH BUTTON NEW PEDESTRIAN SIGNAL	R7	STATION 1000+37.49, 48.5' RT. NEW STEEL COMBINATION ASSEMBLY AND POLE, 48' M.A. NEW CONCRETE FOUNDATION, TYPE E, 13' DEPTH, 36" DIA NEW LUMINAIRE, LED 8' MAST ARM, 35' MTG. HT. NEW CAMERA AND CABLE FOR VIDEO DETECTION NEW EMERGENCY PREEMPTION AND CABLE NEW 5 SECTION SIGNAL HEAD NEW 3 SECTION SIGNAL HEAD (2) NEW PEDESTRIAN PUSH BUTTON NEW PEDESTRIAN SIGNAL
R2	STATION 999+69.43, 69.43' LT. NEW STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 46' M.A. NEW CONCRETE FOUNDATION, TYPE E, 13' DEPTH, 36" DIA NEW LUMINAIRE, LED, 8' MAST ARM, 35' MTG. HT. NEW CAMERA AND CABLE FOR VIDEO DETECTION NEW EMERGENCY PREEMPTION AND CABLE NEW 5 SECTION SIGNAL HEAD NEW 3 SECTION SIGNAL HEAD (2) NEW PEDESTRIAN PUSH BUTTON NEW PEDESTRIAN SIGNAL	R5	STATION 999+75.04, 53.5' RT. NEW STEEL COMBINATION ARM ASSEMBLY AND POLE, 27' M.A. NEW CONCRETE FOUNDATION, TYPE E, 10' DEPTH, 30" DIA NEW LUMINAIRE, LED 8' MAST ARM, 35' MTG. HT. NEW CAMERA AND CABLE FOR VIDEO DETECTION NEW EMERGENCY PREEMPTION AND CABLE NEW 5 SECTION SIGNAL HEAD NEW 3 SECTION SIGNAL HEAD NEW PEDESTRIAN PUSH BUTTON NEW PEDESTRIAN SIGNAL	R8	STATION 1000+51.09, 35.3' LT. NEW TRAFFIC SIGNAL POST, GALVANIZED STEEL, 16" NEW CONCRETE FOUNDATION, TYPE A NEW 3 SECTION SIGNAL HEAD, BRACKET MOUNTED NEW 5 SECTION SIGNAL HEAD, BRACKET MOUNTED
R3	STATION 999+58.97, 42.7' RT. NEW TRAFFIC SIGNAL POST, GALVANIZED STEEL, 16" NEW CONCRETE FOUNDATION, TYPE A NEW 3 SECTION SIGNAL HEAD, BRACKET MOUNTED NEW 5 SECTION SIGNAL HEAD, BRACKET MOUNTED	R6	STATION 1000+30.88, 54.1' RT. NEW TRAFFIC SIGNAL POST, GALVANIZED STEEL, 16" NEW CONCRETE FOUNDATION, TYPE A NEW 3 SECTION SIGNAL HEAD, BRACKET MOUNTED NEW 5 SECTION SIGNAL HEAD, BRACKET MOUNTED NEW PEDESTRIAN PUSH BUTTON NEW PEDESTRIAN SIGNAL	R9	STATION 1000+36.52, 49.5' LT. NEW STEEL COMBINATION ARM ASSEMBLY AND POLE, 38' M.A. NEW CONCRETE FOUNDATION, TYPE E, 15' DEPTH, 30" DIA NEW LUMINAIRE, LED 8' MAST ARM, 35' MTG. HT. NEW CAMERA AND CABLE FOR VIDEO DETECTION NEW EMERGENCY PREEMPTION AND CABLE NEW 5 SECTION SIGNAL HEAD NEW 3 SECTION SIGNAL HEAD NEW PEDESTRIAN PUSH BUTTON (2) NEW PEDESTRIAN SIGNAL (2)

FILE NAME
g:\projects\1917 n 2nd street streetscape
improvement\dwg\engineering plans\itp (river ln to
windsor)\signal plan.dwg

USER NAME = Bill Clasen
PLOT SCALE = 1:20
PLOT DATE = 11-18-2025

DESIGNED - WJC
DRAWN - RMG
CHECKED - JSL
DATE - 11-18-2025

REVISED - ---
REVISED - ---
REVISED - ---
REVISED - ---



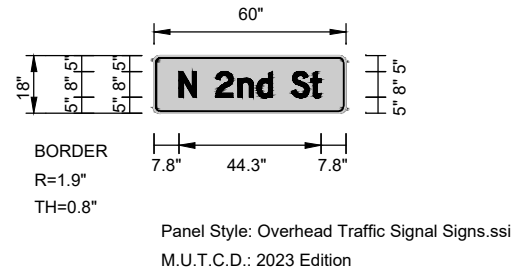
CIVIL ENGINEERING & LAND SURVEYING
5291 Zenith Pkwy.
Loves Park, IL 61111
(815) 484-4300
www.arcdesign.com

N. 2ND STREET AND RIVER LANE SIGNAL LAYOUT PLAN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	65
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				

MAST ARM DETAILS

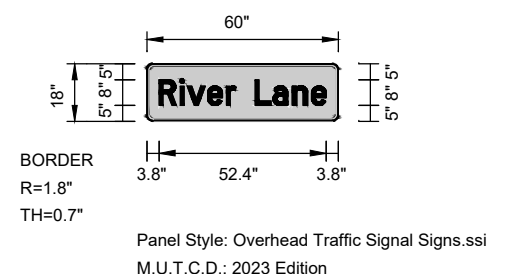
SIGN NUMBER	D3-1
WIDTH x HGHT.	60" x 18"
BORDER WIDTH	0.8"
CORNER RADIUS	1.9"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White



N	2	n	d	S	t	D 2000
7.8"	19.3"	26.3"	32.2"	43"	49"	44.3" 8", 8", 6"

Panel Style: Overhead Traffic Signal Signs.ssi
Dimensions are in inches tenths
Letter locations are panel edge to lower left corner

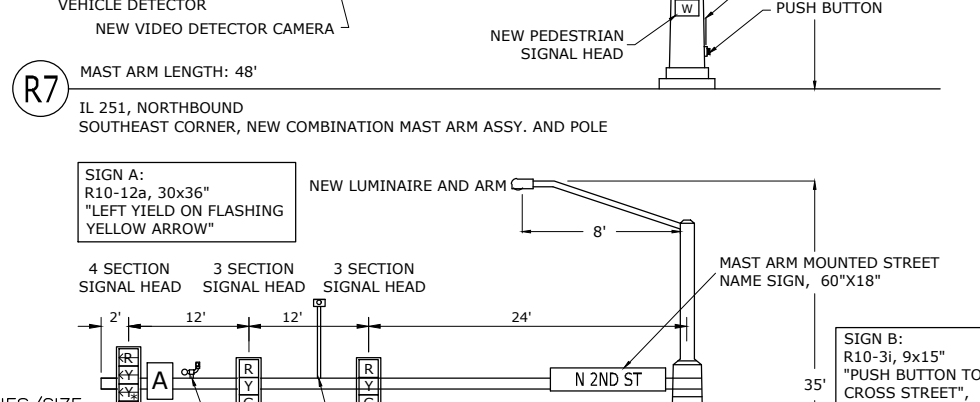
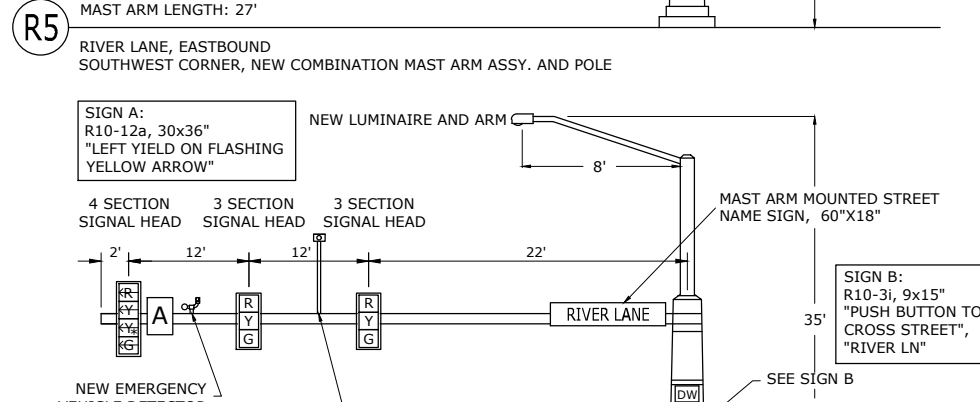
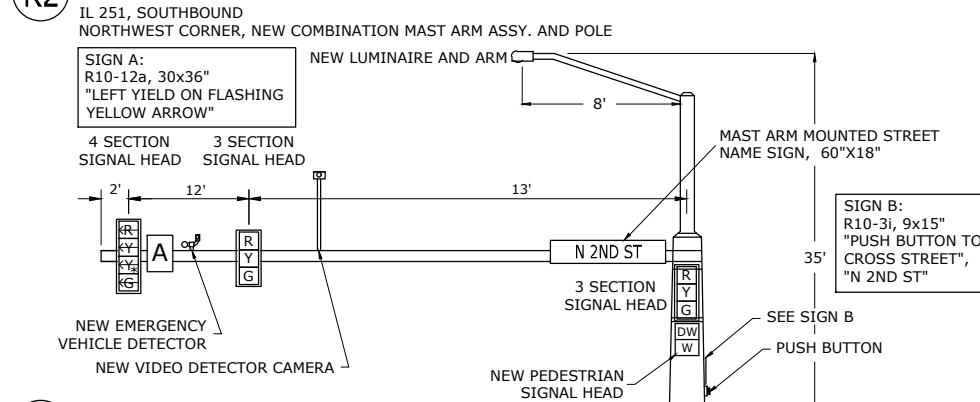
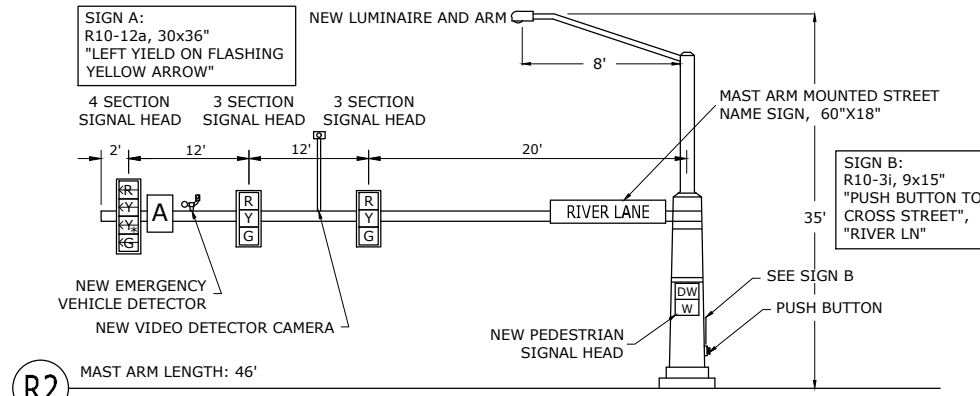
SIGN NUMBER	D3-1
WIDTH x HGHT.	60" x 18"
BORDER WIDTH	0.7"
CORNER RADIUS	1.8"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: Yellow/White



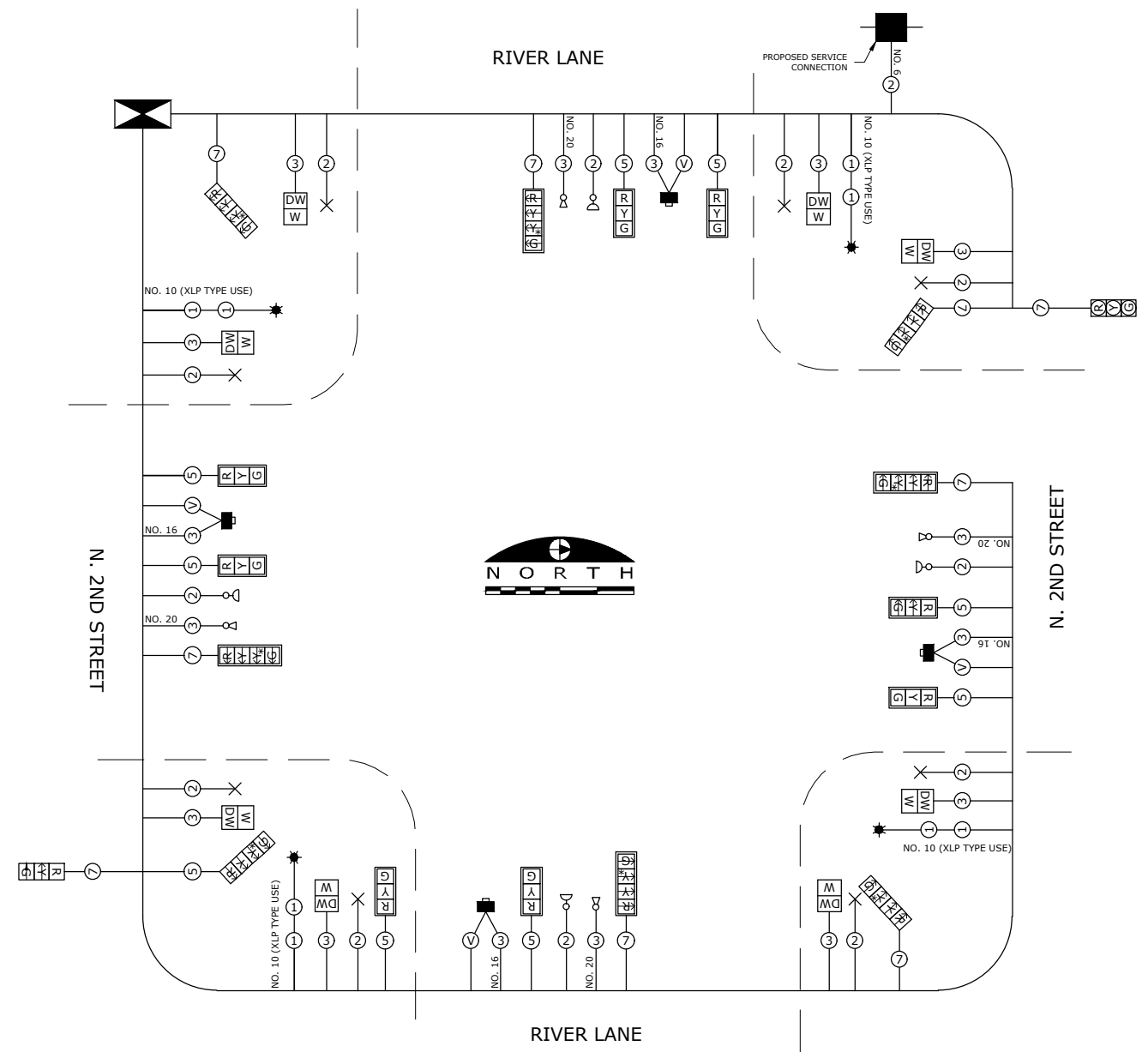
LETTER POSITIONS (X) LENGTH SERIES/SIZE

R	i	v	e	r	L	a	n	e	D 2000
3.8"	10.4"	12.7"	19"	24.8"	33.9"	39.5"	45.6"	51.5"	52.4" 8", 8", 6"

Panel Style: Overhead Traffic Signal Signs.ssi
Dimensions are in inches tenths
Letter locations are panel edge to lower left corner



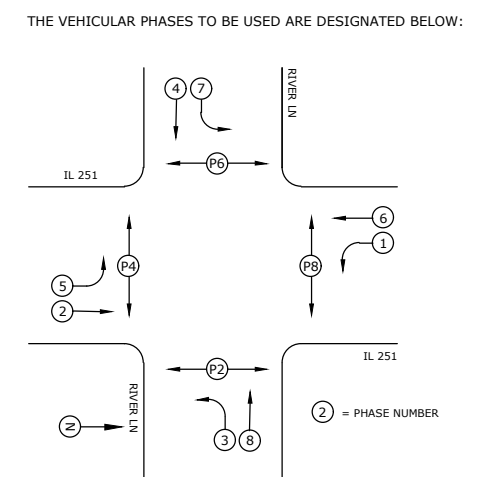
CABLE PLAN



CABLE PLAN LEGEND

	PROPOSED	EXISTING
CONTROLLER		
SERVICE INSTALLATION		
12" PEDESTRIAN SIGNAL SECTION		
12" TRAFFIC SIGNAL SECTION		
DENOTES NUMBER OF CONDUCTORS. ALL LOOP DETECTOR CABLE SHALL BE NO. 18 TWISTED, SHIELDED. ALL OTHER CABLE SHALL BE NO. 14 AWG UNLESS NOTED. P = NUMBER OF PAIRS		
SIGNAL FACE WITH BACKPLATE		
SIGNAL FACE WITHOUT BACKPLATE		
LUMINAIRE, SODIUM VAPOR, 400 WATT		
PEDESTRIAN PUSH BUTTON DETECTOR		
OPTICAL DETECTOR		
CONFIRMATION BEACON		
VIDEO DETECTION EQUIPMENT		

PHASE DESIGNATION DIAGRAM



FILE NAME
g:\projects\17 n 2nd street streetscape improvement\dwg\engineering plans\17p (river ln to windsor)\signal plan.dwg

USER NAME =	Bill Clasen
DESIGNED -	WJC
DRAWN -	RMG
CHECKED -	JSL
PLOT DATE =	11-18-2025
DATE	11-18-2025

REVISED -	---
REVISED -	---
REVISED -	---
REVISED -	---

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N. 2ND STREET AND RIVER LANE SIGNAL CABLE PLAN

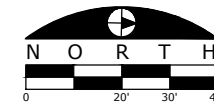
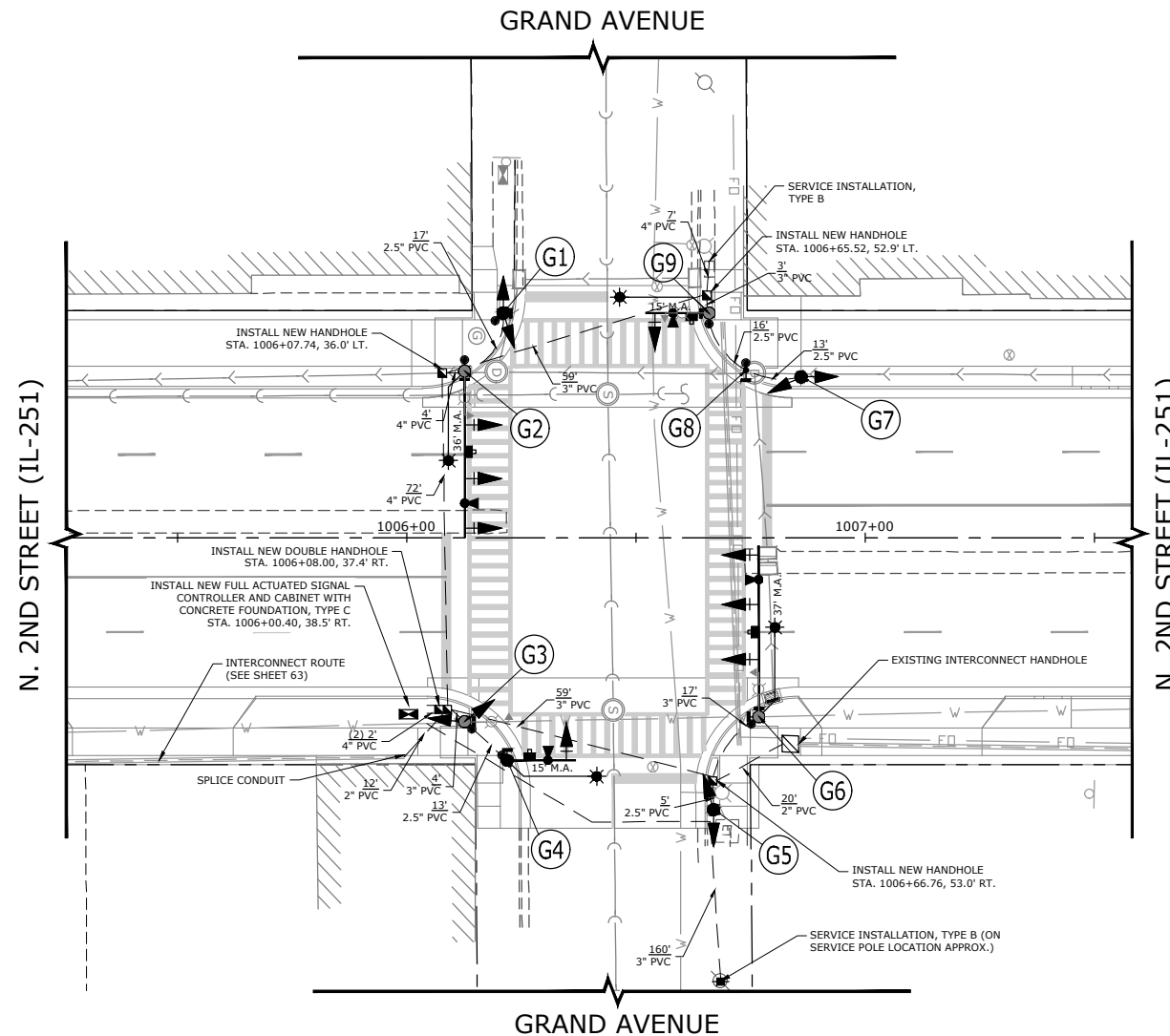
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	66
ILLINOIS FED. AID PROJECT				

SIGNAL PLAN LEGEND

	PROPOSED	EXISTING
CONTROLLER		
SERVICE INSTALLATION		
SIGNAL HEAD		
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD, PEDESTRIAN		
SIGNAL POST		
MAST ARM ASSEMBLY AND POLE, STEEL		
HANDHOLE		
HEAVY DUTY HANDHOLE		
DOUBLE HANDHOLE		
G.S. CONDUIT IN TRENCH OR PUSHED		
DETECTOR LOOP		
COMMON TRENCH		
UNIT DUCT		
LOUVERED		
SIGNAL HEAD OPTICALLY PROGRAMMED		
PEDESTRIAN PUSH BUTTON		
OPTICAL DETECTOR WITH CONFIRMATION BEACON		
VIDEO DETECTOR CAMERA		
LUMINAIRE		

GENERAL NOTES

- CALL J.U.L.I.E. AT LEAST 48 HOURS PRIOR TO CONSTRUCTION (800) 892-0123.
- ALL UTILITIES SHALL BE LOCATED IN THE FIELD PRIOR TO CONSTRUCTION. NOTIFY THE ENGINEER OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO CONSTRUCTION. ELECTRIC SERVICE LOCATION SHALL BE VERIFIED PRIOR TO BEGINNING OF CONSTRUCTION.
- ALL SIGNING, STRIPING, TRAFFIC SIGNALS, AND TRAFFIC CONTROL DEVICES DURING CONSTRUCTION SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CURRENT EDITION.
- ALL TEMPORARY TRAFFIC CONTROL MEASURES TO BE USED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CURRENT EDITION. ALL NEW CONSTRUCTION SHALL CONFORM TO THE SPECIFICATIONS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
- ALL TRAFFIC SIGNAL BACKPLATES (BLACK) SHALL BE SUPPLIED WITH REFLECTIVE YELLOW BORDER TO MATCH NEW CITY STANDARDS..
- TRENCH AND BACKFILL FOR ELECTRICAL WORK SHALL BE INCIDENTAL TO ALL TRENCHED CONDUITS.
- PROGRAMMING OF THE CONTROLLER SHALL BE PERFORMED BY A TRAINED TECHNICIAN FROM THE MANUFACTURER AND/OR SUPPLIER, WHO HAS EXPERIENCE IN PROGRAMMING AND TROUBLE-SHOOTING, WHO CAN CORRECT ANY PROBLEMS WHICH MAY ARISE, AND WHO CAN VERIFY THAT THE SYSTEM IS FUNCTIONING AS INTENDED.
- QUESTIONS ON THE OPERATION OF THE TRAFFIC SIGNAL SYSTEMS SHOULD BE DIRECTED TO THE CITY OF LOVES PARK.
- EXISTING TRAFFIC SIGNALS SHALL REMAIN FULLY OPERATIONAL UNTIL TEMPORARY SIGNALS OR NEW TRAFFIC SIGNAL INSTALLATION IS COMPLETE AND FULLY OPERATIONAL. TEMPORARY SHUT DOWNS ALLOWED BETWEEN 9:00 A.M. AND 2:00 P.M. WITH PROPER STOP CONTROL AND 24 HOUR NOTIFICATION TO THE CITY.
- A 1/2" DIAMETER CONTINUOUS RODENT RESISTANT NYLON ROPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HAND HOLES AND FOUNDATION OR CONTROLLERS. A RODENT SCREEN SHALL BE PLACED AT THE BOTTOM OF EACH SIGNAL POLE.
- PUSH BUTTON EXTENSIONS SHALL BE INCIDENTAL, IF REQUIRED TO MEET ADA.
- METER NOT REQUIRED FOR SERVICE INSTALLATION. CITY PAYS A FLAT RATE.



TRAFFIC SIGNAL KEY

G1 STATION 1006+21.03, 49.0' LT. NEW TRAFFIC SIGNAL POST, GALVANIZED STEEL, 16' NEW CONCRETE FOUNDATION, TYPE A NEW 3 SECTION SIGNAL HEAD, BRACKET MOUNTED (2) NEW PEDESTRIAN PUSH BUTTON NEW PEDESTRIAN SIGNAL	G4 STATION 1006+21.93, 48.5' RT. NEW STEEL COMBINATION ARM ASSEMBLY AND POLE, 15' M.A. NEW CONCRETE FOUNDATION, TYPE E, 10' DEPTH, 30" DIA NEW LUMINAIRE, LED 8' MAST ARM, 35' MTG. HT. NEW CAMERA AND CABLE FOR VIDEO DETECTION NEW EMERGENCY PREEMPTION AND CABLE NEW 3 SECTION SIGNAL HEAD NEW PEDESTRIAN PUSH BUTTON NEW PEDESTRIAN SIGNAL	G7 STATION 1006+86.05, 35.1' LT. NEW TRAFFIC SIGNAL POST, GALVANIZED STEEL, 16' NEW CONCRETE FOUNDATION, TYPE A NEW 3 SECTION SIGNAL HEAD, BRACKET MOUNTED NEW 5 SECTION SIGNAL HEAD, BRACKET MOUNTED
G2 STATION 1006+12.64, 36.4' LT. NEW STEEL COMBINATION ARM ASSEMBLY AND POLE, 36' M.A. NEW CONCRETE FOUNDATION, TYPE E, 11' DEPTH, 36" DIA NEW LUMINAIRE, LED 8' MAST ARM, 35' MTG. HT. NEW CAMERA AND CABLE FOR VIDEO DETECTION NEW EMERGENCY PREEMPTION AND CABLE NEW 5 SECTION SIGNAL HEAD NEW 3 SECTION SIGNAL HEAD (2) NEW PEDESTRIAN PUSH BUTTON NEW PEDESTRIAN SIGNAL	G5 STATION 1006+66.94, 59.3' RT. NEW TRAFFIC SIGNAL POST, GALVANIZED STEEL, 16' NEW CONCRETE FOUNDATION, TYPE A NEW 3 SECTION SIGNAL HEAD, BRACKET MOUNTED (2)	G8 STATION 1006+74.01, 36.6' LT. NEW PEDESTRIAN SIGNAL POST, GALVANIZED STEEL, 10' NEW CONCRETE FOUNDATION, TYPE A NEW PEDESTRIAN PUSH BUTTON NEW PEDESTRIAN SIGNAL
G3 STATION 1006+12.64, 40.1' RT. NEW TRAFFIC SIGNAL POST, GALVANIZED STEEL, 16' NEW CONCRETE FOUNDATION, TYPE A NEW 3 SECTION SIGNAL HEAD, BRACKET MOUNTED NEW 5 SECTION SIGNAL HEAD, BRACKET MOUNTED NEW PEDESTRIAN PUSH BUTTON NEW PEDESTRIAN SIGNAL	G6 STATION 1006+76.83, 39.0' RT. NEW STEEL COMBINATION ARM ASSEMBLY AND POLE, 37' M.A. NEW CONCRETE FOUNDATION, TYPE E, 11' DEPTH, 36" DIA NEW LUMINAIRE, LED 8' MAST ARM, 35' MTG. HT. NEW CAMERA AND CABLE FOR VIDEO DETECTION NEW EMERGENCY PREEMPTION AND CABLE NEW 5 SECTION SIGNAL HEAD NEW 3 SECTION SIGNAL HEAD (2) NEW PEDESTRIAN PUSH BUTTON (2) NEW PEDESTRIAN SIGNAL (2)	G9 STATION 1006+65.98, 49.0' LT. NEW STEEL COMBINATION ARM ASSEMBLY AND POLE, 15' M.A. NEW CONCRETE FOUNDATION, TYPE E, 10' DEPTH, 30" DIA NEW LUMINAIRE, LED 8' MAST ARM, 35' MTG. HT. NEW CAMERA AND CABLE FOR VIDEO DETECTION NEW EMERGENCY PREEMPTION AND CABLE NEW 3 SECTION SIGNAL HEAD NEW PEDESTRIAN PUSH BUTTON NEW PEDESTRIAN SIGNAL

FILE NAME
g:\projects\1917 n 2nd street streetscape
improvement\dwg\engineering plans\1917 (river ln to
windsor)\signal plan.dwg

USER NAME = Bill Clasen
PLOT SCALE = 1:20
PLOT DATE = 11-18-2025

DESIGNED - WJC
DRAWN - RMG
CHECKED - JSL
DATE - 11-18-2025

REVISED - ---
REVISED - ---
REVISED - ---
REVISED - ---

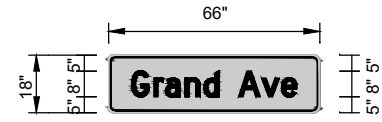


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Loves Park, IL 61111
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N. 2ND STREET AND GRAND AVENUE SIGNAL LAYOUT PLAN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	68
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				

SIGN NUMBER	D3-1
WIDTH x HGHT.	66" x 18"
BORDER WIDTH	0.8"
CORNER RADIUS	1.9"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White



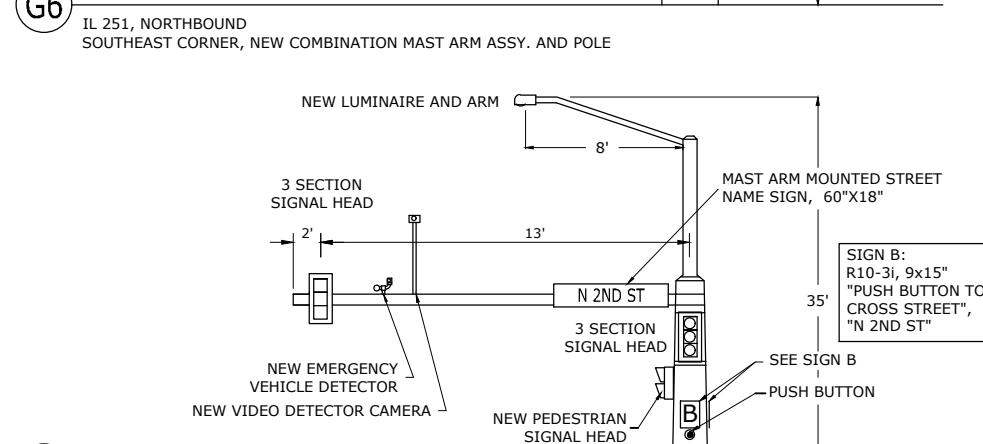
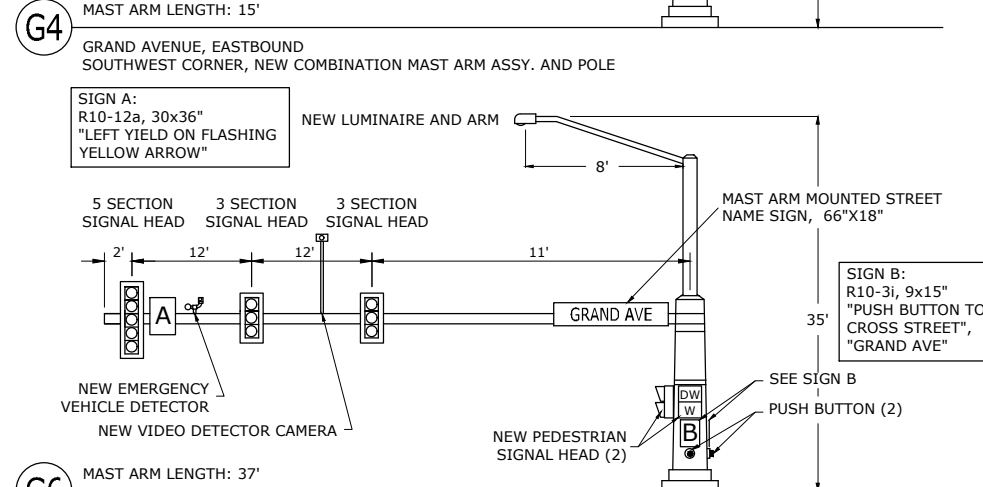
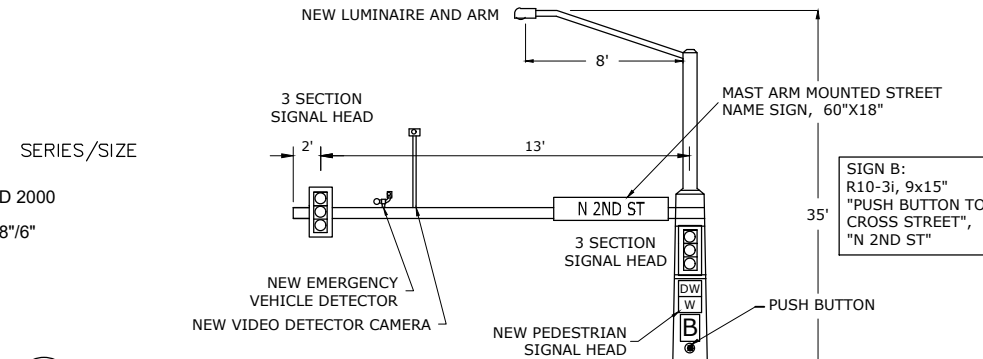
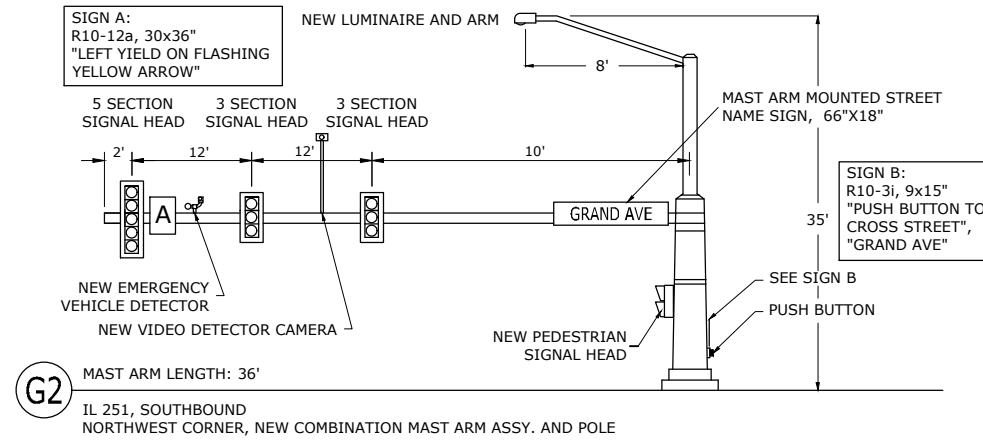
BORDER
R=1.9"
TH=0.8"

Panel Style: Overhead Traffic Signal Signs.ssi
M.U.T.C.D.: 2023 Edition

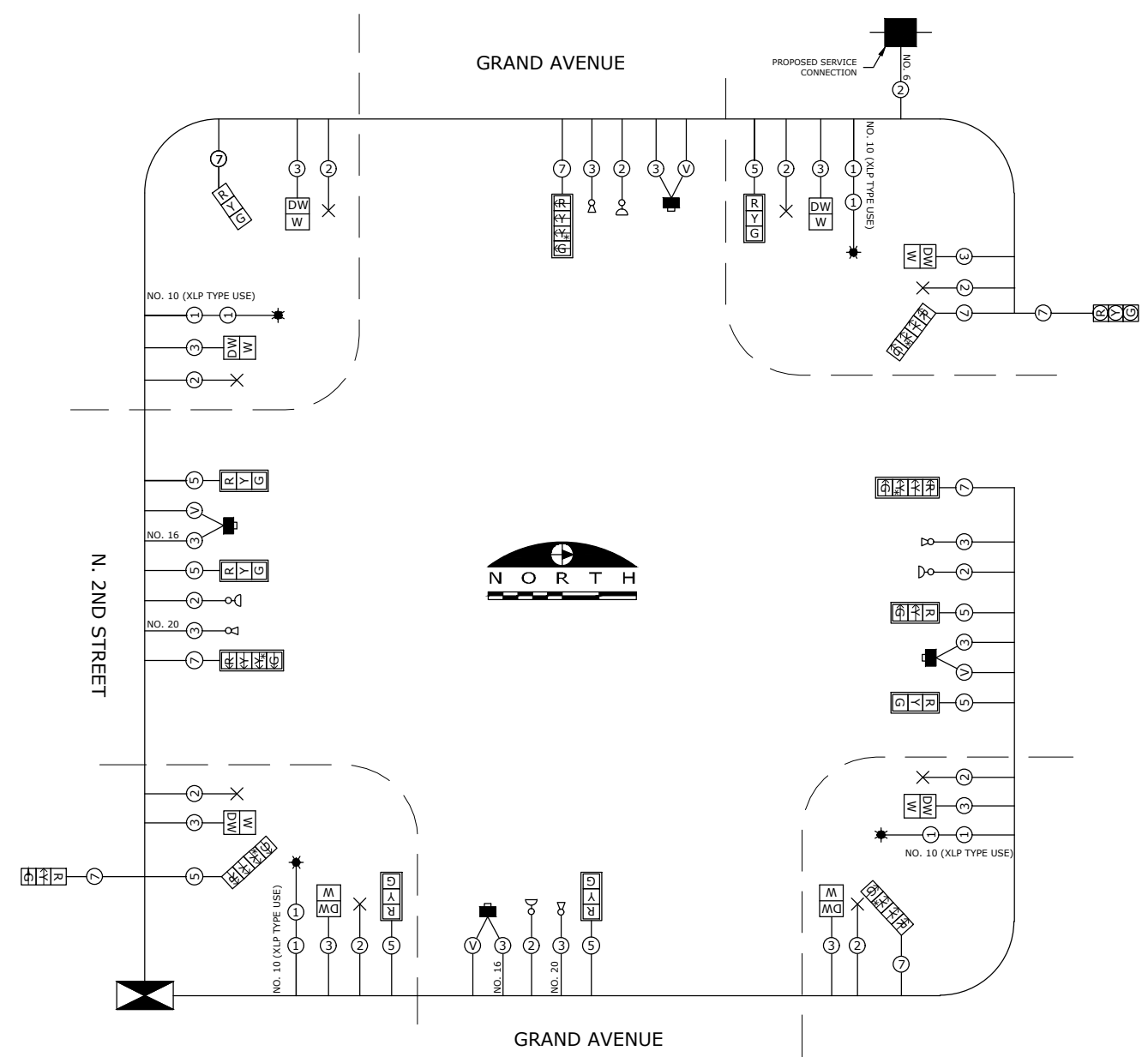
LETTER POSITIONS (X)	LENGTH	SERIES/SIZE
G r a n d A v e	7.2" 14.2" 17.8" 23.9" 29.8" 40.6" 47.8" 54.1" 51.7"	D 2000 8" / 6"

Panel Style: Overhead Traffic Signal Signs.ssi
Dimensions are in inches tenths
Letter locations are panel edge to lower left corner

MAST ARM DETAILS



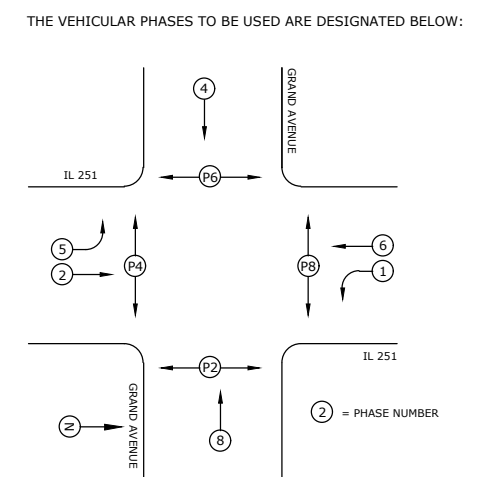
CABLE PLAN



CABLE PLAN LEGEND

	PROPOSED	EXISTING
CONTROLLER	[Symbol]	[Symbol]
SERVICE INSTALLATION	[Symbol]	[Symbol]
12" PEDESTRIAN SIGNAL SECTION	[Symbol]	[Symbol]
12" TRAFFIC SIGNAL SECTION	[Symbol]	[Symbol]
DENOTES NUMBER OF CONDUCTORS. ALL LOOP DETECTOR CABLE SHALL BE NO. 18 TWISTED, SHIELDED. ALL OTHER CABLE SHALL BE NO. 14 AWG UNLESS NOTED P = NUMBER OF PAIRS		
SIGNAL FACE WITH BACKPLATE	[Symbol]	[Symbol]
"P" INDICATES OPTICALLY PROGRAMMED "L" INDICATES DIRECTIONAL LOUVRE, TYPE B		
SIGNAL FACE WITHOUT BACKPLATE	[Symbol]	[Symbol]
LUMINAIRE, SODIUM VAPOR, 400 WATT	[Symbol]	[Symbol]
PEDESTRIAN PUSH BUTTON DETECTOR	[Symbol]	[Symbol]
OPTICAL DETECTOR	[Symbol]	[Symbol]
CONFIRMATION BEACON	[Symbol]	[Symbol]
VIDEO DETECTION EQUIPMENT	[Symbol]	[Symbol]

PHASE DESIGNATION DIAGRAM



FILE NAME
g:\projects\19117 n 2nd street streetscape improvement\dwg\engineering plans\tep (river in to windsor)\signal plan.dwg

USER NAME = Bill Clasen
PLOT SCALE = 1:20
PLOT DATE = 11-18-2025

DESIGNED - WJC
DRAWN - RMG
CHECKED - JSL
DATE - 11-18-2025

REVISED - ---
REVISED - ---
REVISED - ---
REVISED - ---

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N. 2ND STREET AND GRAND AVENUE SIGNAL CABLE PLAN

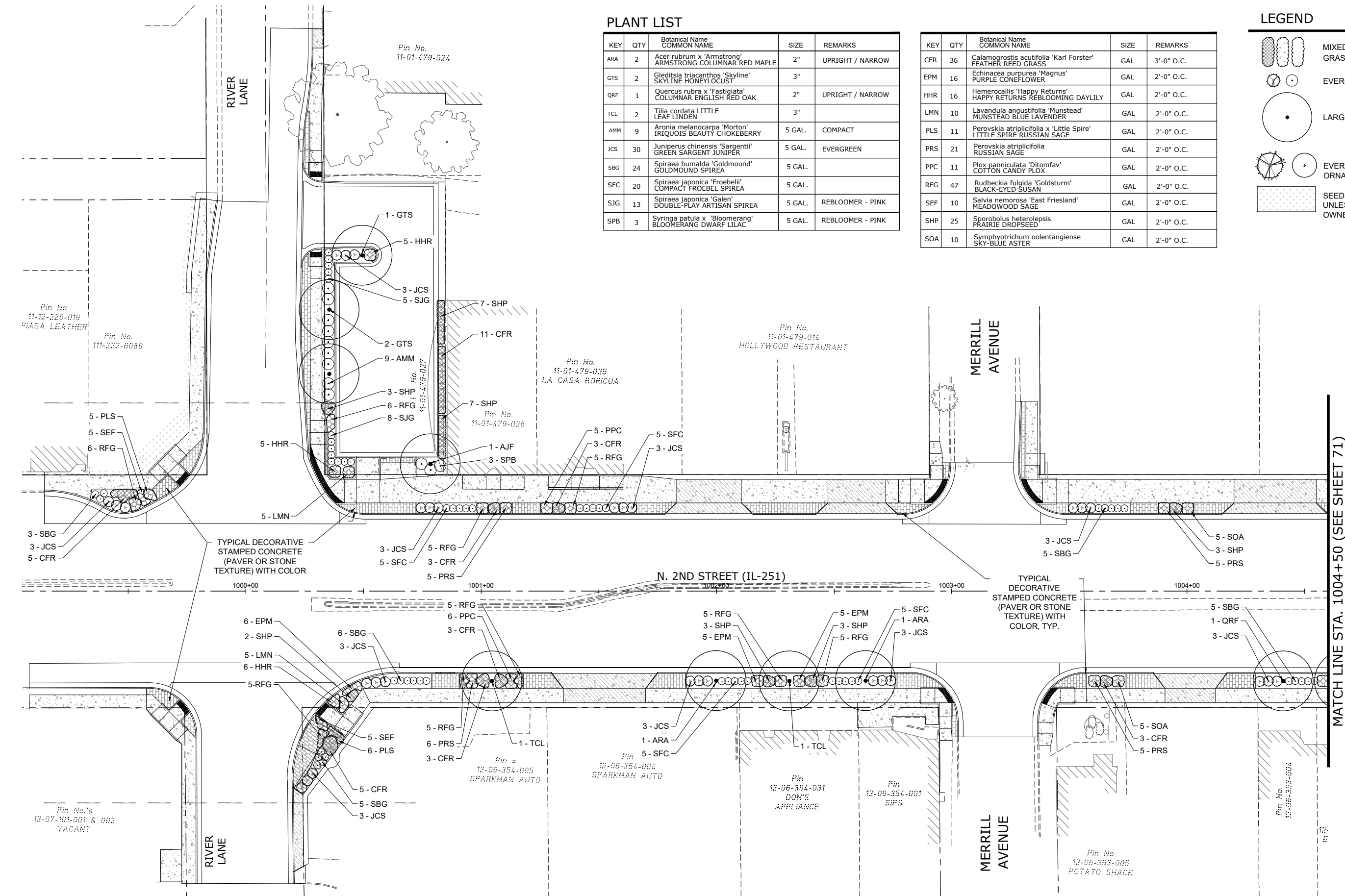
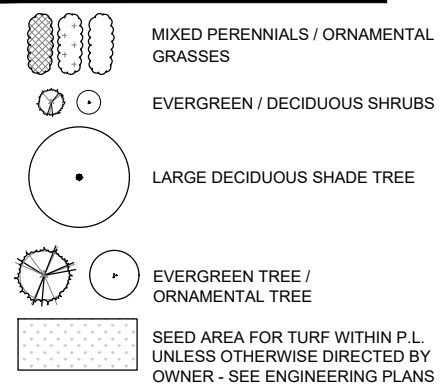
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	69
ILLINOIS FED. AID PROJECT				

PLANT LIST

KEY	QTY	Botanical Name COMMON NAME	SIZE	REMARKS
ARA	2	Acer rubrum x 'Armstrong' ARMSTRONG COLUMNAR RED MAPLE	2"	UPRIGHT / NARROW
GTS	2	Gleditsia triacanthos 'Skyline' SKYLINE HONEYLOCUST	3"	
QRF	1	Quercus rubra x 'Fastigiata' COLUMNAR ENGLISH RED OAK	2"	UPRIGHT / NARROW
TCL	2	Tilia cordata LITTLE LEAF LINDEN	3"	
AMM	9	Aronia melanocarpa 'Morton' IRIQUOIS BEAUTY CHOKEBERRY	5 GAL.	COMPACT
JCS	30	Juniperus chinensis 'Sargentii' GREEN SARGENT JUNIPER	5 GAL.	EVERGREEN
SBG	24	Spiraea bumalda 'Goldmound' GOLDMOUND SPIREA	5 GAL.	
SFC	20	Spiraea japonica 'Froebellii' COMPACT FROEBEL SPIREA	5 GAL.	
SJG	13	Spiraea japonica 'Galen' DOUBLE-PLAY ARTISAN SPIREA	5 GAL.	REBLOOMER - PINK
SPB	3	Syringa patula x 'Bloomerang' BLOOMERANG DWARF LILAC	5 GAL.	REBLOOMER - PINK

KEY	QTY	Botanical Name COMMON NAME	SIZE	REMARKS
CFR	36	Calamagrostis acutifolia 'Karl Forster' FEATHER REED GRASS	GAL	3'-0" O.C.
EPM	16	Echinacea purpurea 'Magnus' PURPLE CONEFLOWER	GAL	2'-0" O.C.
HHR	16	Heemerocallis 'Happy Returns' HAPPY RETURNS REBLOOMING DAYLILY	GAL	2'-0" O.C.
LMN	10	Lavandula angustifolia 'Munstead' MUNSTEAD BLUE LAVENDER	GAL	2'-0" O.C.
PLS	11	Perovskia atriplicifolia x 'Little Spire' LITTLE SPIRE RUSSIAN SAGE	GAL	2'-0" O.C.
PRS	21	Perovskia atriplicifolia RUSSIAN SAGE	GAL	2'-0" O.C.
PPC	11	Plox paniculata 'Ditomfav' COTTON CANDY PLOX	GAL	2'-0" O.C.
RFG	47	Rudbeckia fulgida 'Goldsturm' BLACK-EYED SUSAN	GAL	2'-0" O.C.
SEF	10	Salvia nemorosa 'East Friesland' MEADOWOOD SAGE	GAL	2'-0" O.C.
SHP	25	Sporobolus heterolepis PRAIRIE DROPSEED	GAL	2'-0" O.C.
SOA	10	Symphyotrichum oolentangiense SKY-BLUE ASTER	GAL	2'-0" O.C.

LEGEND



FILE NAME
g:\projects\1917 n 2nd street streetscape
improvement\dwg\engineering plans\ltp (river ln to
windsor)\landscape plans.dwg

USER NAME = Bill Clasen
DESIGNED - WJC
DRAWN - RMG
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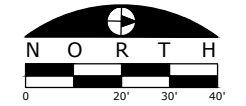
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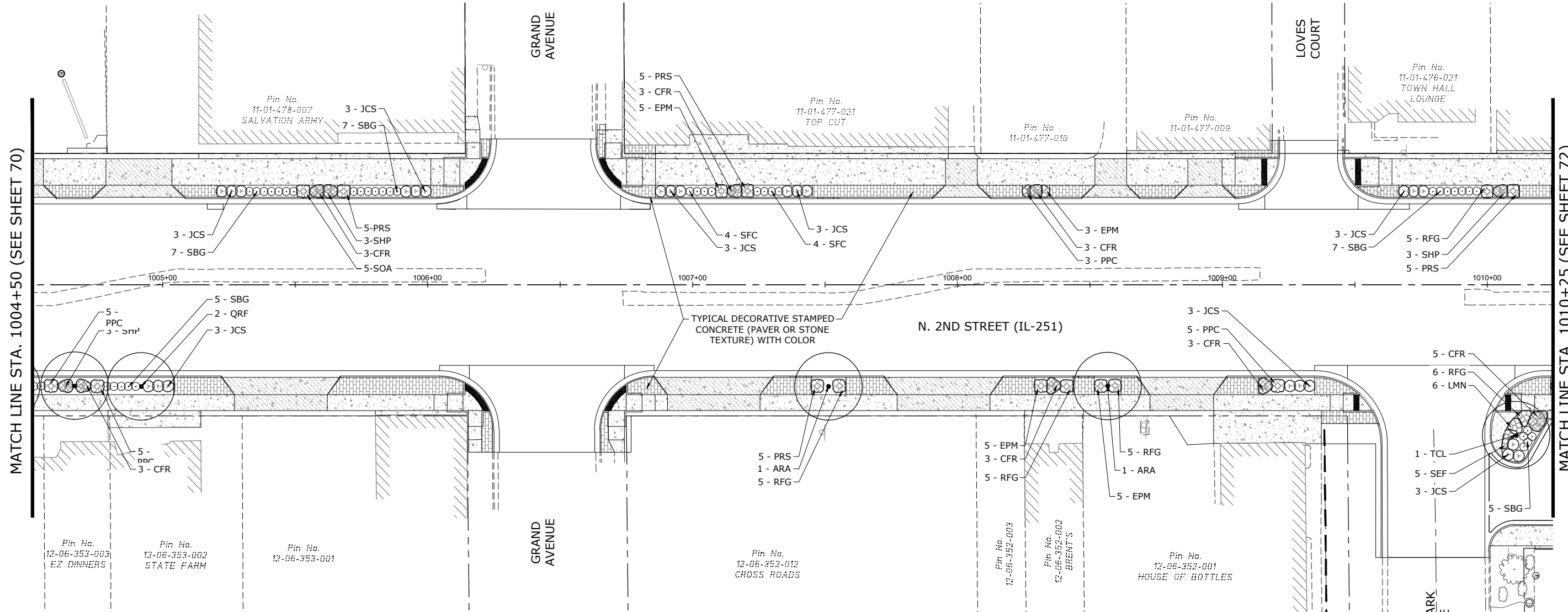


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LANDSCAPE PLAN STA. 999+00 TO STA. 1004+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	70
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				

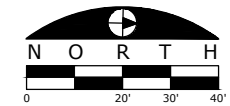
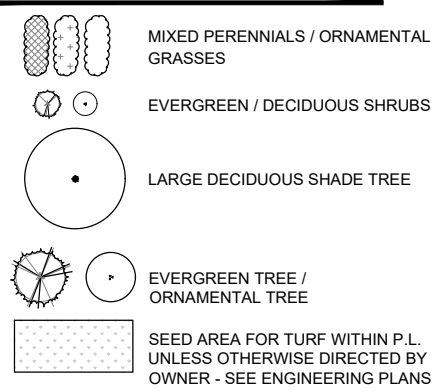




PLANT LIST

KEY	QTY	BOTANICAL NAME COMMON NAME	SIZE	REMARKS
ARA	2	Acer rubrum x 'Armstrong' ARMSTRONG COLUMNAR RED MAPLE	2"	UPRIGHT / NARROW
QRF	2	Quercus rubra x 'Fastigiata' COLUMNAR ENGLISH RED OAK	2"	UPRIGHT / NARROW
TCL	1	Tilia cordata LITTLE LEAF LINDEN	3"	
JCS	24	Juniperus chinensis 'Sargentii' GREEN SARGENT JUNIPER	5 GAL.	EVERGREEN SHRUB
SBG	31	Spiraea bumalda 'Goldmound' GOLDMOUND SPIREA	18"	
SFC	8	Spiraea japonica 'Froebellii' COMPACT FROEBEL SPIREA	18"	
CFR	23	Calamagrostis acutiflora stricta FEATHER REED GRASS	GAL	3'-0" O.C.
EPM	18	Echinacea purpurea 'Magnus' PURPLE CONEFLOWER	GAL	2'-0" O.C.
RFG	26	Rudbeckia fulgida 'Goldsturm' BLACK-EYED SUSAN	GAL	2'-0" O.C.
LMN	6	Lavandula angustifolia 'Munstead' MUNSTEAD BLUE LAVENDER	GAL	2'-0" O.C.
PPC	18	Plox paniculata 'Ditombav' COTTON CANDY PLOX	GAL	2'-0" O.C.
PRS	20	Perovskia atriplicifolia RUSSIAN SAGE	GAL	2'-0" O.C.
SEF	5	Salvia nemorosa 'East Friesland' MEADOWOOD SAGE	GAL	2'-0" O.C.
SHP	9	Sporobolus heterolepis PRAIRIE DROPSEED	GAL	2'-0" O.C.
SOA	5	Symphotrichum oolantangiense SKY-BLUE ASTER	GAL	2'-0" O.C.

LEGEND



FILE NAME
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improvement\dwg\engineering plans\1tep (river ln to
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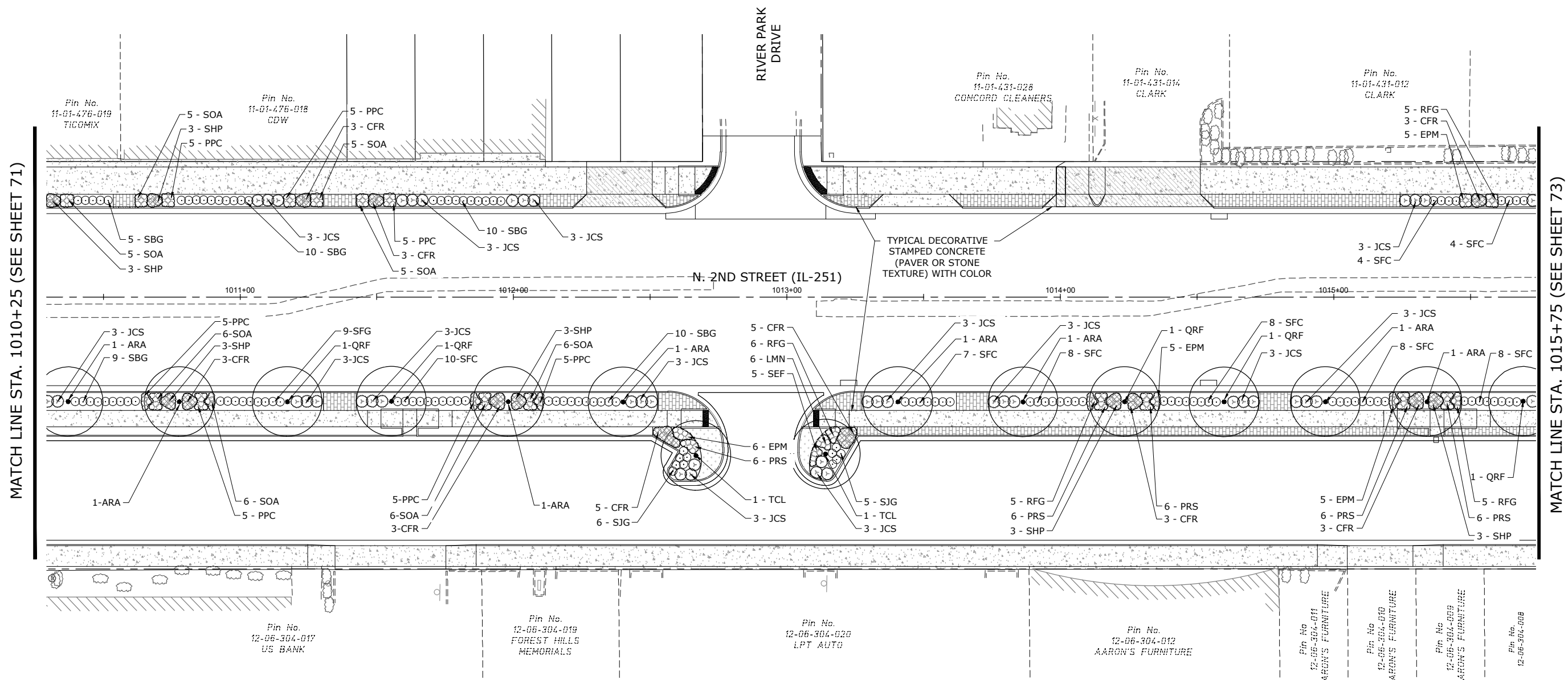
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DESIGNED - WJC
DRAWN - RMG
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DATE - 11-18-2025

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LANDSCAPE PLAN STA. 1004+50 TO STA. 1010+25

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	71
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				

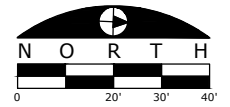
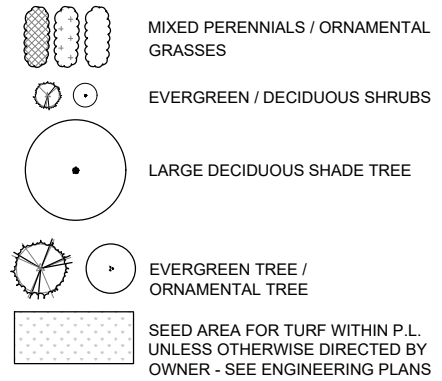


PLANT LIST

KEY	QTY	Botanical Name COMMON NAME	SIZE	REMARKS
ARA	8	Acer rubrum x 'Armstrong' ARMSTRONG COLUMNAR RED MAPLE	2"	UPRIGHT / NARROW
QRF	5	Quercus rubra x 'Fastigiata' COLUMNAR ENGLISH RED OAK	2"	UPRIGHT / NARROW
TCL	2	Tilia cordata LITTLE LEAF LINDEN	3"	
JCS	42	Juniperus chinensis 'Sargentii' GREEN SARGENT JUNIPER	5 GAL.	EVERGREEN SHRUB
SBG	44	Spiraea bumalda 'Goldflame' GOLDFLAME SPIREA	5 GAL.	ORANGE-YELLOW
SJG	5	Spiraea japonica 'Galen' DOUBLE-PLAY ARTISAN SPIREA	5 GAL.	REBLOOMER - PINK
SFC	66	Spiraea froebelli x 'Compacta' FROEBEL COMPACT SPIREA	5 GAL.	COMPACT

KEY	QTY	Botanical Name COMMON NAME	SIZE	REMARKS
CFR	29	Calamagrostis acutifolia 'Karl Forster' FEATHER REED GRASS	GAL	3'-0" O.C.
EPM	21	Echinacea purpurea 'Magnus' PURPLE CONEFLOWER	GAL	2'-0" O.C.
LMN	6	Lavandula angustifolia 'Munstead' MUNSTEAD BLUE LAVENDER	GAL	2'-0" O.C.
PPC	35	Plox paniculata 'Ditornfav' COTTON CANDY PLOX	GAL	2'-0" O.C.
PRS	30	Perovskia atriplicifolia RUSSIAN SAGE	GAL	2'-0" O.C.
RFG	21	Rudbeckia fulgida 'Goldsturm' BLACK-EYED SUSAN	GAL	2'-0" O.C.
SEF	5	Salvia nemorosa 'East Friesland' MEADOWOOD SAGE	GAL	2'-0" O.C.
SHP	18	Sporobolus heterolepis PRAIRIE DROPSEED	GAL	2'-0" O.C.
SOA	44	Symphyotrichum oolentangiense SKY-BLUE ASTER	GAL	2'-0" O.C.

LEGEND



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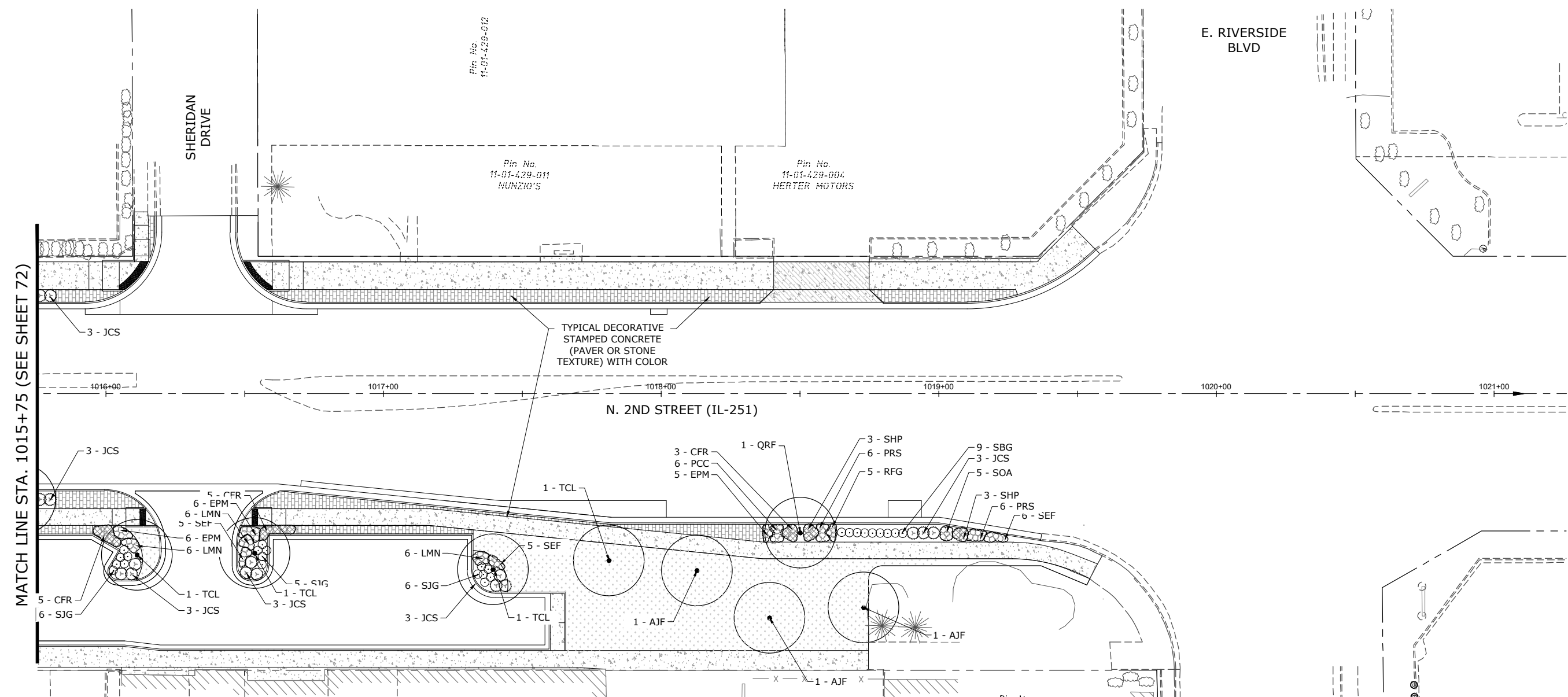
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LANDSCAPE PLAN STA. 1010+25 TO STA. 1015+75

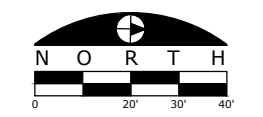
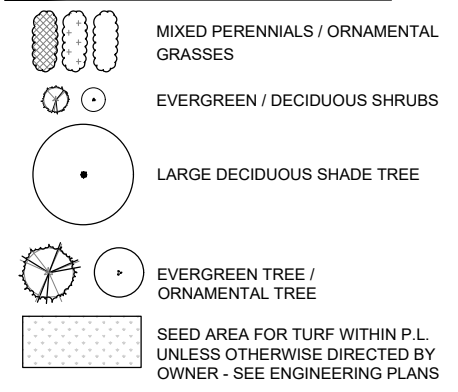
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303	21-00078-01-SW	WINNEBAGO	85	72
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				



PLANT LIST

KEY	QTY	Botanical Name COMMON NAME	SIZE	REMARKS
ARA	3	Acer rubrum x 'Armstrong' ARMSTRONG COLUMNAR RED MAPLE	2"	UPRIGHT / NARROW
QRF	1	Quercus rubra x 'Fastigiata' COLUMNAR ENGLISH RED OAK	2"	UPRIGHT / NARROW
TCL	4	Tilia cordata LITTLE LEAF LINDEN	3"	
JCS	18	Juniperus chinensis 'Sargentii' GREEN SARGENT JUNIPER	5 GAL.	EVERGREEN SHRUB
SBG	9	Spiraea bumalda 'Goldflame' GOLDFLAME SPIREA	5 GAL.	ORANGE-YELLOW
SJG	17	Spiraea japonica 'Galen' DOUBLE-PLAY ARTISAN SPIREA	5 GAL.	REBLOOMER - PINK
CFR	13	Calamagrostis acutifolia 'Karl Forster' FEATHER REED GRASS	GAL	3'-0" O.C.
EPM	17	Echinacea purpurea 'Magnus' PURPLE CONEFLOWER	GAL	2'-0" O.C.
LMN	18	Lavandula angustifolia 'Munstead' MUNSTEAD BLUE LAVENDER	GAL	2'-0" O.C.
PCC	6	Plox paniculata 'Ditombav' COTTON CANDY PLOX	GAL	2'-0" O.C.
PRS	12	Perovskia atriplicifolia RUSSIAN SAGE	GAL	2'-0" O.C.
RFG	5	Rudbeckia fulgida 'Goldsturm' BLACK-EYED SUSAN	GAL	2'-0" O.C.
SEF	17	Salvia nemorosa 'East Friesland' MEADOWOOD SAGE	GAL	2'-0" O.C.
SHP	6	Sporobolus heterolepis PRAIRIE DROPSEED	GAL	2'-0" O.C.
SOA	5	Symphotrichum oolentangiense SKY-BLUE ASTER	GAL	2'-0" O.C.

LEGEND



MATCH LINE STA. 1015+75 (SEE SHEET 72)

Pin No. 12-06-304-007
Pin No. 12-06-304-006 CD SOURCE
Pin No. 12-06-304-005
Pin No. 12-06-304-004 MABEL'S JACKPOT
Pin No. 12-06-304-003 BETTER PLACE SLOTS
Pin No. 12-06-304-002 UNIFORM DEN
Pin No. 11-01-429-012
Pin No. 11-01-429-011 NUNZIO'S
Pin No. 11-01-429-004 HERTER MOTORS
Pin No. 12-06-304-001 PNC BANK

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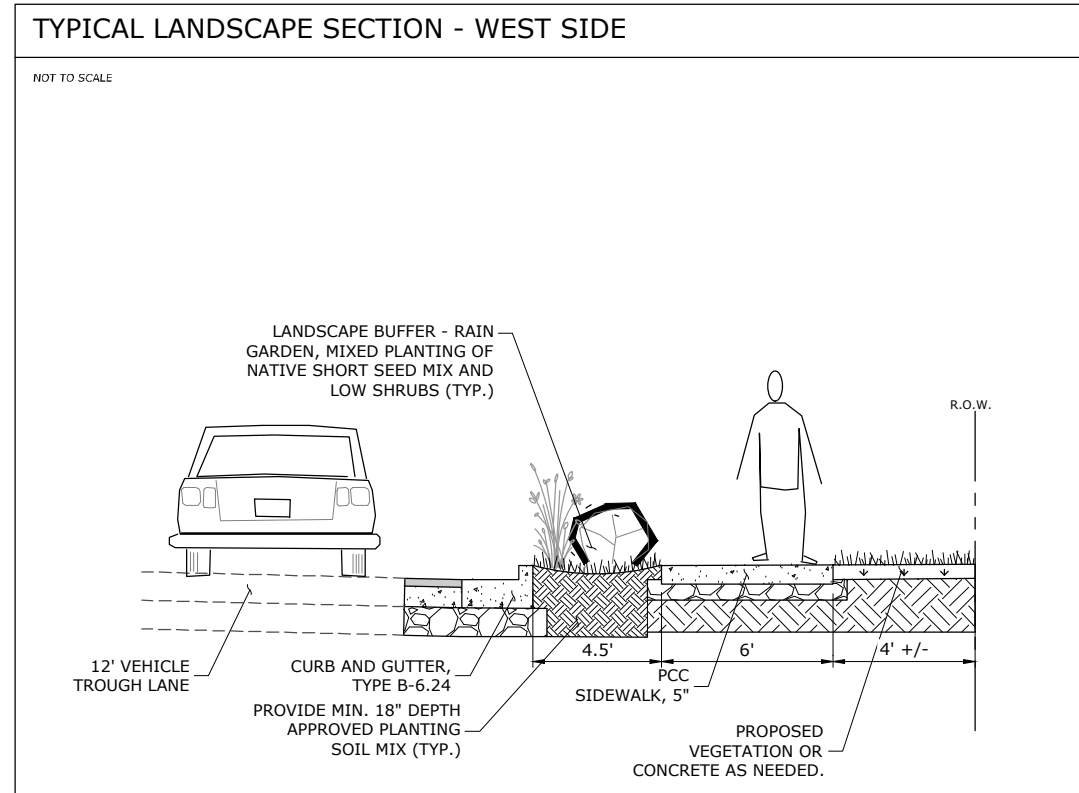
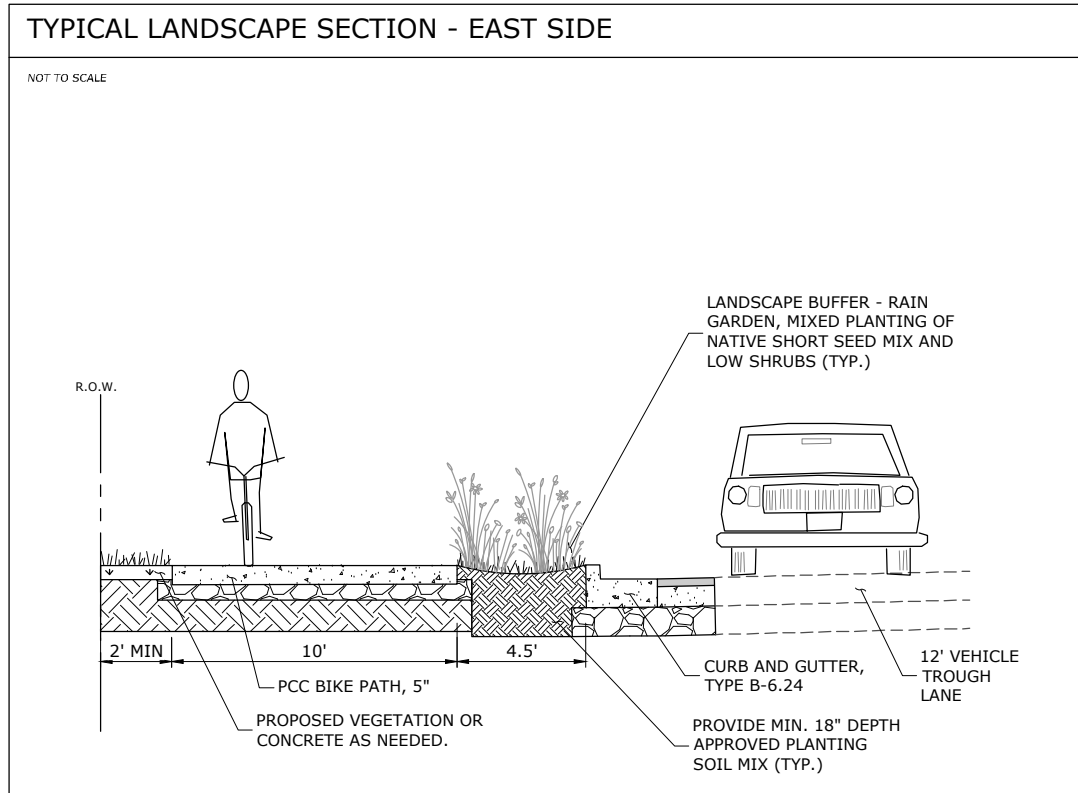
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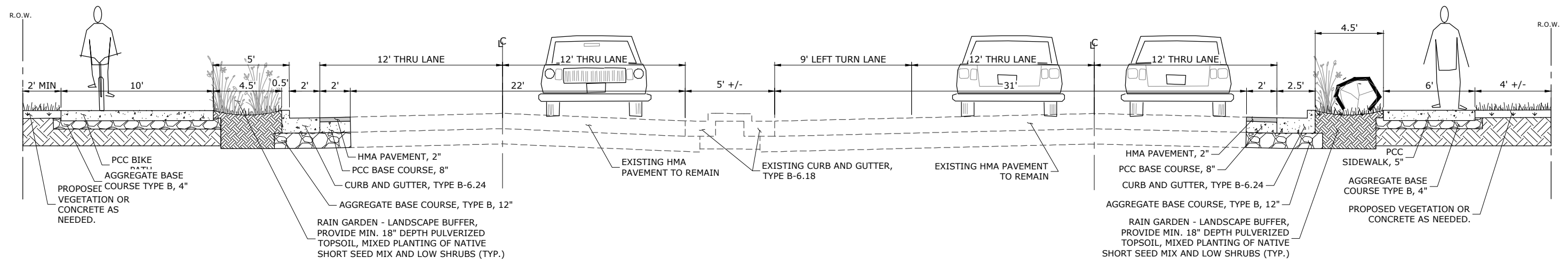
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LANDSCAPE PLAN STA. 1015+75 TO STA. 1021+25

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	73
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL ROADWAY SECTION NORTH 2ND STREET



NOTE - THERE IS A 1.5' CLEAR ZONE FROM B.O.C. ALONG IL ROUTE 251

NOTE - THERE IS A 1.5' CLEAR ZONE FROM B.O.C. ALONG IL ROUTE 251

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streetscape
improvement\dwg\engineering
plans\top driver in to
windsor\landscape section.dwg

USER NAME = Bill Clasen
PLOT SCALE 1/8" = 1'-0"
PLOT DATE 6/2/2023

DESIGNED - WJC
DRAWN - RMG
CHECKED - JSL
DATE - 6/2/2023

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LANDSCAPE SECTION & DETAILS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	21-00078-01-SW	WINNEBAGO	85	74
CONTRACT #85769				
ILLINOIS FED. AID PROJECT				



License No. OFFICE NUMBER
CONSULTANTS

GENERAL NOTES:

- THE CONTRACTOR SHALL VERIFY ALL THE DATA SHOWN ON THE CONTRACT PLANS AND REFERENCE DRAWINGS, WHICH WOULD AFFECT THEIR WORK UNDER THIS CONTRACT.
- THE LOCATIONS OF PROPOSED EQUIPMENT AND UNDERGROUND CABLE/CONDUIT IS ILLUSTRATED DIAGRAMMATICALLY THE ACTUAL LOCATION SHALL BE DETERMINED IN THE FIELD AND SHALL MEET THE APPROVAL OF THE ENGINEER. UNDERGROUND CABLE/CONDUIT SHALL BE POSITIONED IN THE FIELD TO AVOID CONFLICTS WITH UNDER DRAINS, STORM SEWERS AND OTHER UTILITIES.
- PRIOR TO THE INSTALLATION OF THE NEW CABLES, UNDERGROUND CONDUITS, UNIT DUCT, HANDHOLES, JUNCTION BOXES, LIGHT POLE FOUNDATIONS AND APPURTENANCES, THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF EXISTING CONDUITS, CABLES AND UNDERGROUND UTILITIES.
- UNDERGROUND CONDUITS AND CABLE DUCTS SHALL BE POSITIONED IN THE FIELD TO AVOID CONFLICTS WITH UNDERDRAINS AND OTHER UTILITIES.
- CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF PROPOSED LIGHT POLE FOUNDATIONS AS TO NOT CONFLICT WITH EXISTING OR PROPOSED UTILITY AND DRAINAGE STRUCTURES. LIGHT POLE FOUNDATION SHALL BE MINIMUM 3-FT FROM FACE OF CURB TO CENTER OF FOUNDATION.
- ALL WORK SHALL CONFORM TO THE LATEST, IDOT DISTRICT, SPECIAL PROVISIONS, SUPPLEMENTAL SPECIFICATIONS, THE NATIONAL ELECTRICAL CODE AND NATIONAL ELECTRICAL SAFETY CODE.
- ALL ELECTRICAL EQUIPMENT SHALL BE UL LISTED AND LABELED. ALL ELECTRICAL EQUIPMENT SHALL BE WIRED IN ACCORDANCE WITH THE PLANS . DEVIATIONS WILL NOT BE ALLOWED WITHOUT PRIOR APPROVAL OF THE ENGINEER.
- ALL CIRCUIT WIRES SHALL BE LABELED WITH CIRCUIT IDENTIFICATION. LIGHTING CIRCUITS SHALL BE WIRED IN ACCORDANCE WITH THE PLANS. DEVIATIONS WILL NOT BE ALLOWED WITHOUT PRIOR APPROVAL OF THE ENGINEER.
- EACH CIRCUIT SHALL HAVE IT'S OWN NEUTRAL. SHARED NEUTRALS WILL NOT BE ALLOWED. CIRCUITS SHALL BE TESTED PER THE SPECIFICATION.
- ALL NEW UNIT DUCTS AND UNDERGROUND CONDUITS SHALL BE PLACED A MINIMUM OF 30 INCH BELOW THE FINAL GRADE, UNLESS OTHERWISE NOTED.
- ALL SPLICES SHALL BE HEAT SHRINK, WATERPROOF AND INSTALLED INSIDE LIGHT POLE BASES. NO DIRECT BURIED SPLICES OR SPLICES IN A HANDHOLES SHALL BE ALLOWED.
- LUMINARIES SHALL BE HEAT SHRINK AND WATERPROOF AND INSTALLED ON INSIDE OF LIGHT POLE WITHIN A MAXIMUM OF 48-HOURS AFTER LIGHT POLE IS ERECTED.
- ANY SPLICES NECESSARY FOR A COMPLETE AND OPERATIONAL LIGHTING CIRCUIT SHALL BE INCLUDED IN THE COST OF PAY ITEM UNIT DUCT, OF THE TYPE SPECIFIED ON THE PLANS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- GROUNDING CONDUCTORS SHALL BE CONTINUOUS.
- UTILITY POLE WORK SHALL BE DONE BY COMMONWEALTH EDISON CO. (COMED). CONTRACTOR SHALL INSTALL UNDERGROUND SECONDARY CONDUIT AND CONDUCTORS FROM THE LIGHTING CONTROLLER TO THE UTILITY POLE. CONTRACTOR TO COORDINATE WORK WITH COMED.
- CONTRACTOR TO COORDINATE WITH COMED ON ELECTRIC UTILITY SERVICE TO THE LIGHTING CONTROLLER AT LEAST 30 DAYS PRIOR TO THE DATE REQUIRED FOR THE COMED WORK TO START.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO RESTORE ANY SPECIALIZED LANDSCAPING (DECORATIVE ROCKS, PLANTS, ETC.) WHICH IS DISTURBED DURING CONSTRUCTION.
- ALL CONDUITS SHALL BE SEALED WITHIN THE LIGHTING CONTROLLER. THE COST OF THE SEALING SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONDUIT INSTILLATION.
- ALL LIGHT POLES SHALL HAVE A FESTOON 120V GFCI DUPLEX RECEPTACLE WITH WEATHERPROOF COVER MOUNTED 20-FT ON THE LIGHT POLE. FESTOON SHALL BE CONTROLLED WITH THE ROADWAY LIGHTING CONTROLLER. CABLES FROM THE 120V CIRCUIT TO THE FESTOON SHALL BE ON A SEPARATE CIRCUIT FROM THE ROADWAY LIGHTING.
- LUMINAIRES MUST BE INSTALLED ON LIGHT POLE AS SUCH THAT POLES AND MAST ARMS ARE NOT LEFT UNLOADED.
- WHERE MULTIPLE CABLE DUCTS OR UNDERGROUND CONDUITS ADJACENT TO EACH OTHER ARE INSTALL IN A COMMON TRENCH, TRENCH AND BACK FILL SHALL BE CONTINUOUS BETWEEN EACH CABLE DUCT OR UNDERGROUND CONDUIT FOR THE LENGTH OF THE COMMON TRENCH.
- UTILITY POLES REQUIRED FOR ELECTRIC SERVICE INSTALLATION SHALL BE INSTALLED BY THE UTILITY COMPANY. CONTRACTOR SHALL INSTALL UNDERGROUND CONDUITS, GROUNDING, METER CABINET, AND SECONDARY CONDUCTORS FROM THE UTILITY POLE. COORDINATE WORK WITH UTILITY COMPANY. REFER TO LIGHTING PLAN DETAILS FOR ELECTRIC SERVICE INSTALLATION TO LIGHTING CONTROLLER.
- THE CONTRACTOR SHALL PREPARE A SCHEDULE WHEN THE PROJECT COMMENCES, WHICH ESTABLISHES THE DATE WHEN ELECTRICAL SERVICES ARE REQUIRED. THIS SCHEDULE SHALL BE FORWARDED IN WRITING TO THE UTILITY COMPANY. SUBSEQUENT UPDATING TO THE SCHEDULE SHALL ALSO BE FORWARDED TO UTILITY COMPANY AS CHANGES OCCUR A MINIMUM OF FIVE (5) DAYS BEFORE ELECTRICAL SERVICES ARE REQUIRED. THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANY BY PHONE AND IN WRITING TO CONFIRM THE REQUIREMENT.

ROADWAY LIGHTING SCHEDULE OF QUANTITIES				
PAY ITEM NUMBER	SP	DESCRIPTION	UNIT	QUANTITY
80400100		ELECTRIC SERVICE INSTALLATION	EACH	1
81028210		UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	70
81028240		UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	715
81028730		UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/4" DIA.	FOOT	460
81400730		HANDHOLE, COMPOSITE CONCRETE	EACH	2
81702130		ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	80
81702150		ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	240
81603096		UNIT DUCT, 600V, 4-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	4,000
82110005	*	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION D	EACH	37
82500350		LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	EACH	1
83007101		LIGHT POLE, ALUMINUM, 35 FT. M.H., 3 FT. MAST ARM	EACH	21
83007102		LIGHT POLE, ALUMINUM, 35 FT. M.H., 3 FT. MAST ARM - TWIN	EACH	8
83600200		LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	159.5
83800105		BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE	EACH	29
X8400102	*	MAINTENANCE OF LIGHTING SYSTEM	EACH	1

* INDICATES SPECIAL PROVISION

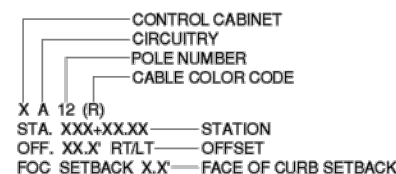
ABBREVIATIONS:

A	AMPS
AWG	AMERICAN WIRE GAUGE
BOC	BACK OF CURB
C	CABLE
C	CONDUIT
DIA	DIAMETER
GND	GROUND
HSS	HOUSE SIDE SHIELD
FT	FEET
IDOT	ILLINOIS DEPARTMENT OF TRANSPORTATION
LED	LIGHT EMITTING DIODE
LT	LEFT
MA	MAST ARM
MH	MOUNTING HEIGHT
P	PUSHED
PH	PHASE
RGSC	RIGID GALVANIZED STEEL CONDUIT
RT	RIGHT
STA	STATION
UNO	UNLESS OTHERWISE NOTED
USE	UNDERGROUND SERVICE
V	VOLT
W	WATT
XLP	CROSS-LINKED POLYETHYLENE

LEGEND:

	ROADWAY LIGHTING UNIT WITH 120V FESTOON 240V LED LUMINAIRE, OUTPUT DESIGNATION "E", 35'-0" MOUNTING HEIGHT, 3'-0" MAST ARM, 24" DIAMETER CONCRETE FOUNDATION AND BREAKAWAY TRANSFORMER BASE
	DOUBLE ROADWAY LIGHTING UNIT WITH 120V FESTOON 240V LED LUMINAIRE, OUTPUT DESIGNATION "E", 35'-0" MOUNTING HEIGHT, TWO (2) 3'-0" MAST ARM, 24" DIAMETER CONCRETE FOUNDATION AND BREAKAWAY TRANSFORMER BASE
	COMBO ROADWAY LIGHTING UNIT 240V LED LUMINAIRE, OUTPUT DESIGNATION "E", 35'-0" MOUNTING HEIGHT, 3'-0" MAST ARM, CONCRETE FOUNDATION PER TRAFFIC SIGNAL PLANS
	BASE MOUNTED LIGHTING CONTROLLER, 240/120V, 100A, 1PH, 3W
	LIGHTING UNIT DUCT OR CABLE IN CONDUIT, REFER TO CABLE/CONDUIT NOMENCLATURE
	EMPTY CONDUIT WITH PULL STRING FOR FUTURE, REFER TO CABLE/CONDUIT NOMENCLATURE
	LIGHTING UNIT DUCT OR CONDUIT IN RIGID GALVANIZED STEEL CONDUIT SLEEVE, SIZE AND QUANTITY AS INDICATED ON PLANS
	HANDHOLE

CIRCUIT DESIGNATION SCHEME:



CABLE/CONDUIT NOMENCLATURE:

	UNIT DUCT, 600V, 2-1C #8 (XLP-TYPE USE) FOR LIGHTING, , AND 2-1C #8 (XLP-TYPE USE) FOR FESTOON, WITH 1/C #8 GROUND, IN 1 1/4" DIA. POLYETHYLENE
	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/4" DIA. WITH PULL STRING
	3-1/C NO. 2 (XLP-TYPE USE), 1-NO. 6 GROUND, IN 2-1/2" GALVANIZED STEEL CONDUIT

FINAL
2/17/2025

IL 251 LOVES PARK DPS
LIGHTING

OWNER

IL 251 STREETScape PROJECT
CITY OF LOVES PARK, IL

MARK | DATE | DESCRIPTION

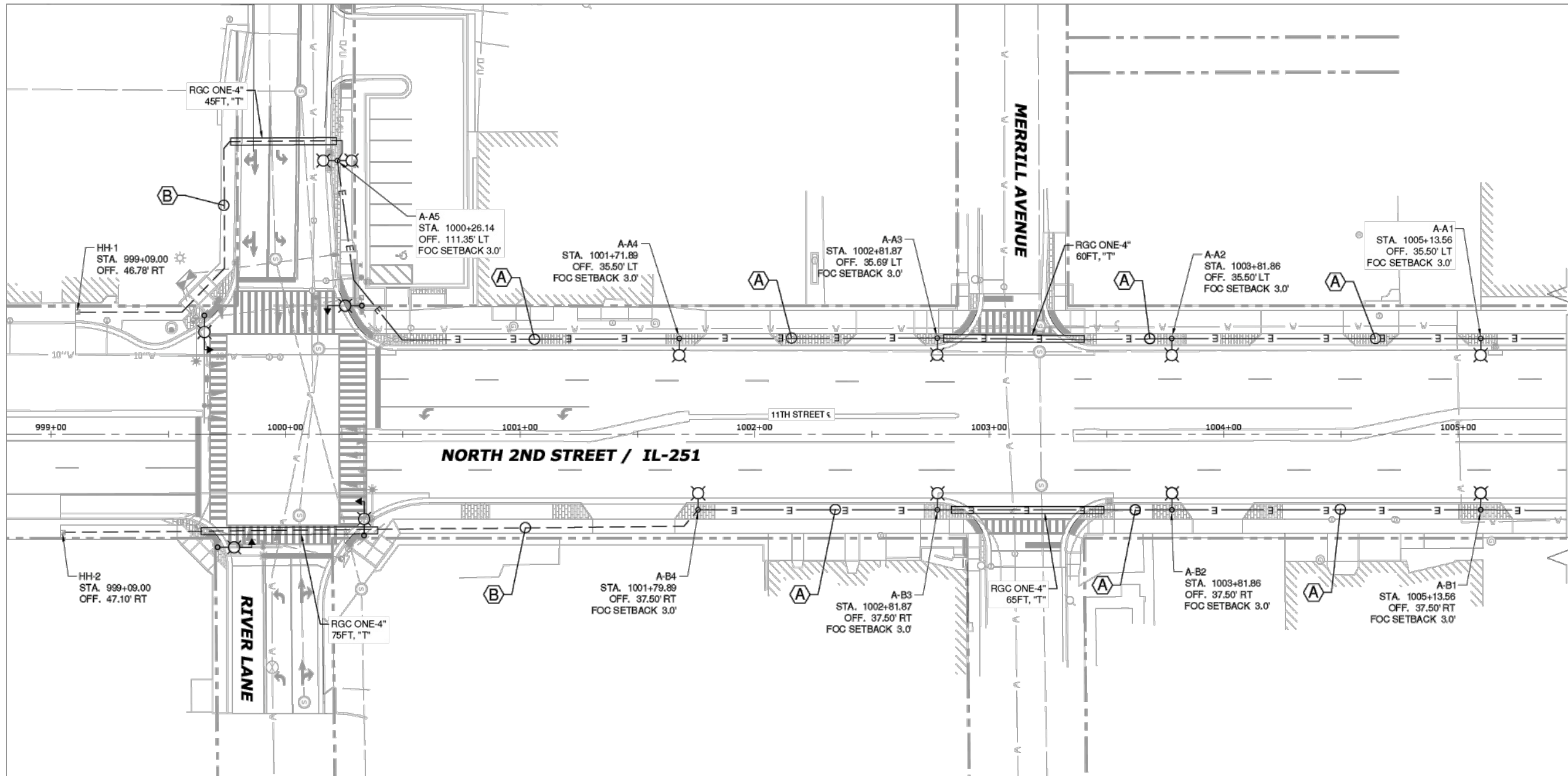
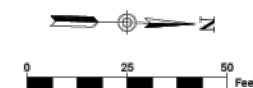
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APPROVED BY: JL (ARC DESIGN)
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SHEET TITLE
LIGHTING PLANS GENERAL
NOTES, LEGEND AND
SCHEDULE OF QUANTITIES

SHEET 75 EL101 OF 85



License No. OFFICE NUMBER
CONSULTANTS



MATCHLINE STA. 1005+50

FINAL
2/17/2025

IL 251 LOVES PARK DPS LIGHTING

OWNER

IL 251 STREETScape PROJECT
CITY OF LOVES PARK, IL

NOTES:

1. INSTALL UNIT DUCTS IN 4-INCH RIGID GALVANIZED STEEL CONDUIT SLEEVE ACROSS SIDE STREETS.
2. COMBINATIONAL LIGHT POLES SHALL BE ENERGIZED FROM THE TRAFFIC SIGNAL CONTROLLER. REFER TO COMBINATIONAL LIGHTING PLAN SHEET FOR CABLE AND CONDUIT INFORMATION.

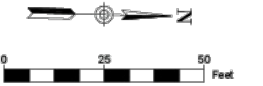
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SHEET TITLE
LIGHTING PLAN 1



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IL 251 LOVES PARK DPS LIGHTING

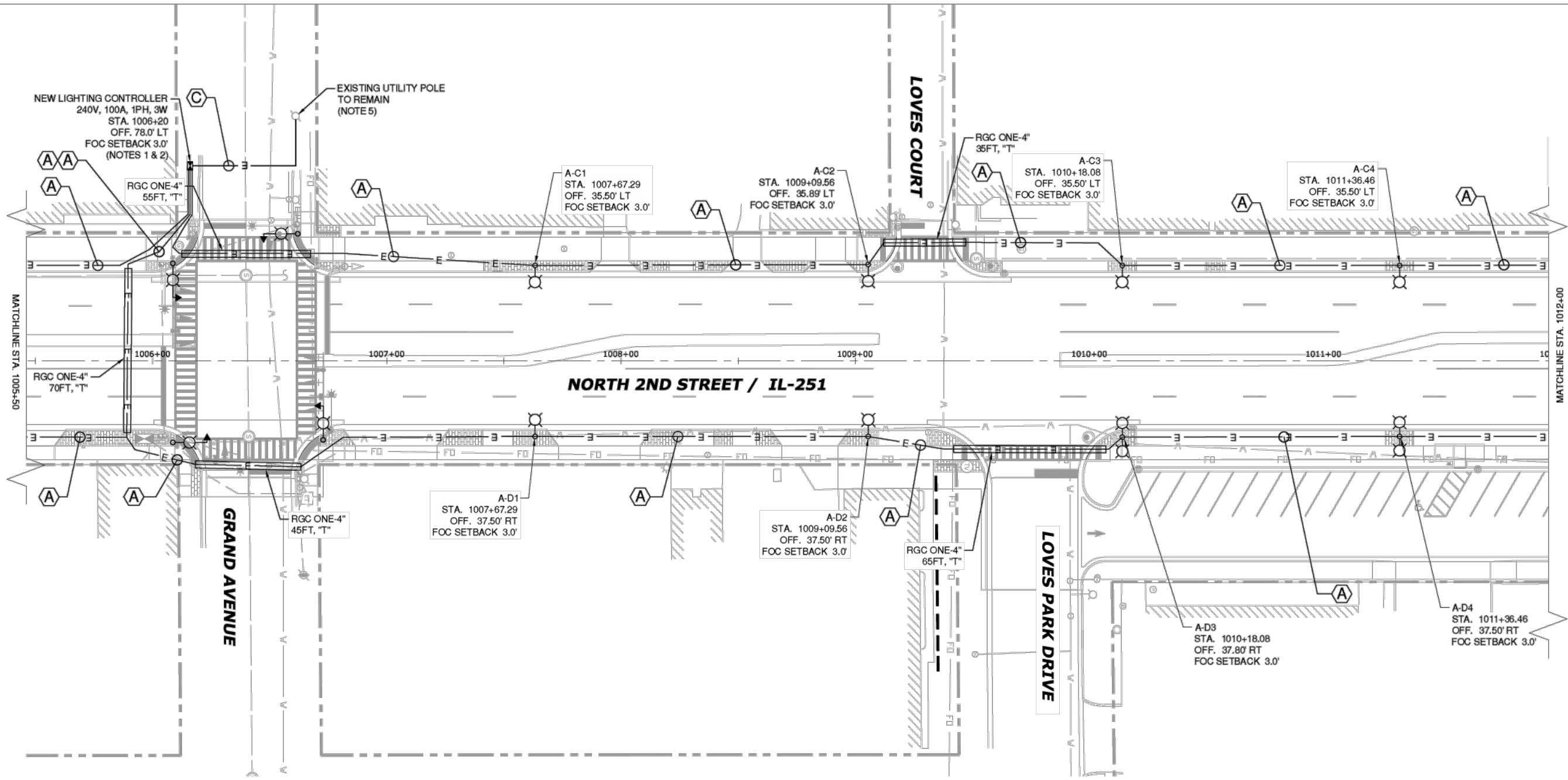
OWNER

IL 251 STREETScape PROJECT
CITY OF LOVES PARK, IL

MARK | DATE | DESCRIPTION

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SHEET TITLE
LIGHTING PLAN 2

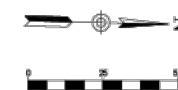


NOTES:

- EXISTING LIGHTING CONTROLLER IS ENERGIZED FROM EXISTING UTILITY POLE. UTILITY POLE SHALL REMAIN AND UTILITY METER, DISCONNECT AND CONDUIT SHALL BE REPLACED ON THE POLE. CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANY ON NEW SERVICE DROP TO THE NEW LIGHTING CONTROLLER. CONTRACTOR SHALL PROVIDE AND INSTALL SECONDARY CABLE AND CONDUIT FROM LIGHTING CONTROLLER TO UTILITY POLE PER UTILITY COMPANY REQUIREMENTS. ALL WORK, CABLE, CONDUIT AND OTHER MATERIAL ASSOCIATED WITH THE INSTALLATION OF ELECTRIC SERVICE SHALL BE INCLUDED IN PAY ITEM "80400100 - ELECTRIC SERVICE INSTALLATION".
- CONTRACTOR SHALL INSTALL NEW CONCRETE FOUNDATION AND PAD FOR NEW LIGHTING CONTROLLER. CONCRETE FOUNDATION AND PAD SHALL BE INCLUDED IN PAY ITEM "LIGHTING CONTROLLER". REFER TO LIGHTING CONTROLLER DETAIL FOR MORE INFORMATION.
- INSTALL UNIT DUCTS IN 4-INCH RIGID GALVANIZED STEEL CONDUIT SLEEVE ACROSS SIDE STREETS.
- COMBINATIONAL LIGHT POLES SHALL BE ENERGIZED FROM THE TRAFFIC SIGNAL CONTROLLER. REFER TO COMBINATIONAL LIGHTING PLAN SHEET FOR CABLE AND CONDUIT INFORMATION.
- EXISTING 25-FT WOOD SERVICE POLE SHALL REMAIN. CONTRACTOR SHALL INSTALL NEW UTILITY METER AND DISCONNECT FOR THE NEW LIGHTING CONTROLLER AS SHOWN ON THE LIGHTING CONTROLLER DETAIL SHEET.



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2/17/2025

IL 251 LOVES PARK DPS LIGHTING

OWNER

IL 251 STREETScape PROJECT
CITY OF LOVES PARK, IL

MARK | DATE | DESCRIPTION

PROJECT NO: 23005639-00
CAD DWG FILE: 23005639-EL30 1.DWG
DESIGNED BY: CT (CMT)
DRAWN BY: CT (CMT)
CHECKED BY: AB (CMT)
APPROVED BY: JL (ARC DESIGN)
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SHEET TITLE

COMBO LIGHTING
PLANS - 2ND STREET
RIVER LANE

SHEET 79 OF 85
EL105

NOTES:

1. COMBINATIONAL LIGHTING CIRCUITING SHALL NOT BE CONNECTED TO THE ROADWAY LIGHTING CIRCUITS. COMBINATIONAL LIGHT POLES SHALL NOT HAVE FESTOONS OR BANNER ARMS.
2. LUMINAIRES ARE POWERED FROM IDOT TRAFFIC CONTROLLER, SEE DETAIL ON SHEET EL-109.
3. COMBINATIONAL LIGHTING CABLES SHALL BE IN THE SAME CONDUIT AS THE THE TRAFFIC SIGNAL CONDUIT.
4. SEE TRAFFIC PLANS FOR LOCATION OF COMBINATIONAL LIGHT POLES, HANDHOLES AND CONDUIT.
5. CIRCUIT DECALS SHALL NOT BE INSTALLED ON COMBO POLES, CIRCUITING IS SHOWN FOR GUIDANCE ONLY.
6. COMBINATION LIGHT POLES LUMINAIRES SHALL BE GROUND BONDED WITH THE TRAFFIC SIGNAL GROUNDING CABLES.
7. SPLICE CIRCUIT INSIDE POLE TO CONTINUE TO NEXT COMBINATION POLE ON THE CIRCUIT.

LEGEND:

- COMBINATIONAL LIGHTING UNIT
120V LED LUMINAIRE, OUTPUT DESIGNATION "E",
35'-0" FT MOUNTING HEIGHT, 3'-0" MAST ARM
- BASE MOUNTED COMBINATIONAL TRAFFIC SIGNAL CONTROLLER,
REFER TO SHEET EL115 FOR DETAILS.
- COMBINATIONAL LIGHTING CONDUCTORS IN CONDUIT, REFER TO
CABLE/CONDUIT NOMENCLATURE FOR SIZE AND TYPE.
- TRAFFIC SIGNAL HANDHOLE

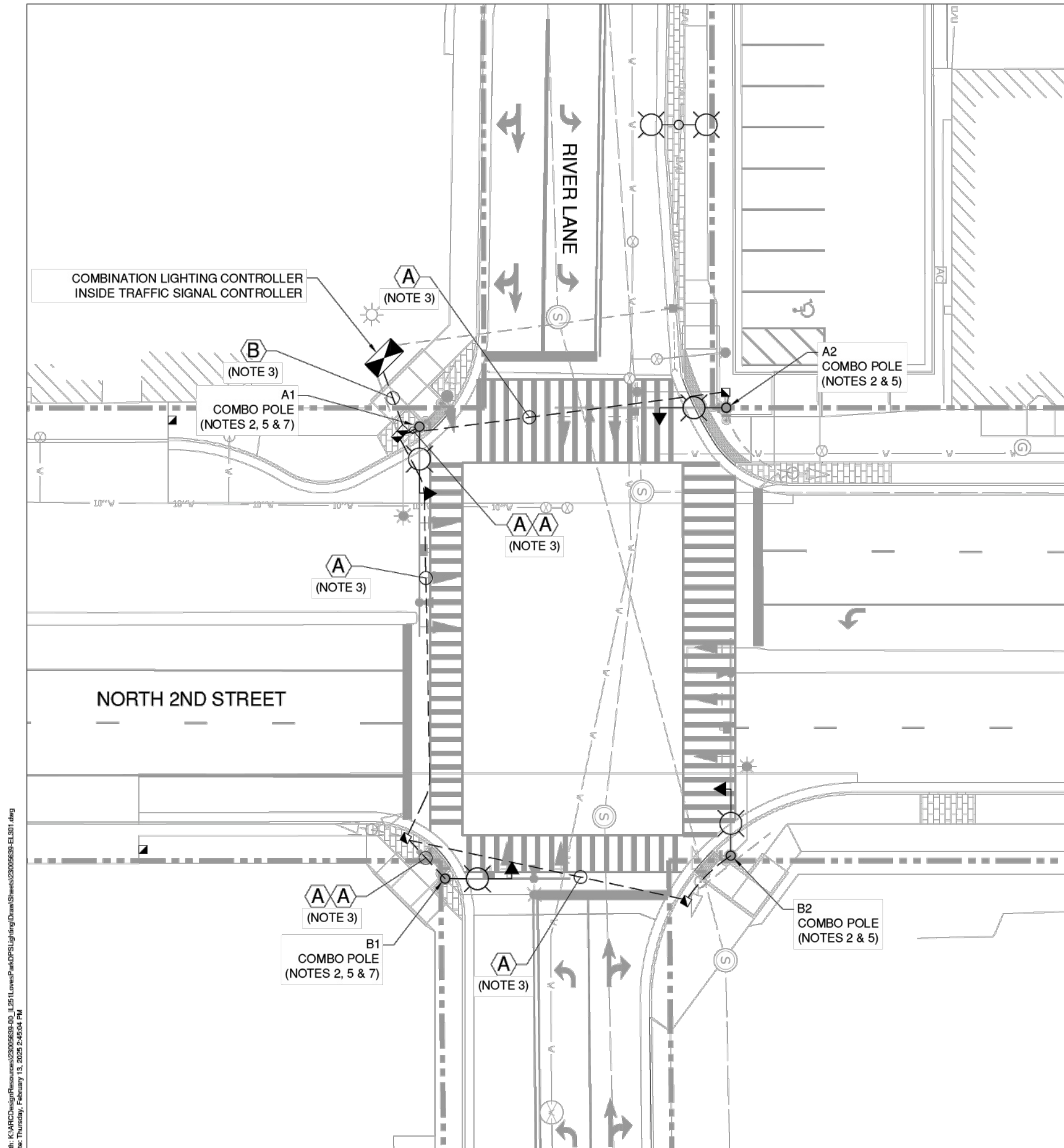
CABLE/CONDUIT NOMENCLATURE:

- A 2-#10 (600V, XLP-USE) IN TRAFFIC SIGNAL CONDUIT. GROUND CABLE SHALL BE WITH TRAFFIC SIGNAL CABLES, REFER TO TRAFFIC SIGNAL PLANS
- B 4-#10 (600V, XLP-USE) IN TRAFFIC SIGNAL CONDUIT. GROUND CABLE SHALL BE WITH TRAFFIC SIGNAL CABLES, REFER TO TRAFFIC SIGNAL PLANS



ONE LINE DIAGRAM

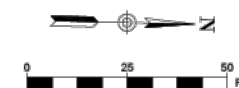
IDOT COMBINATION LIGHTING SCHEDULE OF QUANTITIES		
DESCRIPTION	UNIT	QUANTITY
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	4
COMBINATION LIGHTING CONTROLLER	EACH	1
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	750



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IL 251 LOVES PARK DPS LIGHTING

OWNER

IL 251 STREETScape PROJECT
CITY OF LOVES PARK, IL

MARK | DATE | DESCRIPTION

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SHEET TITLE

COMBO LIGHTING
PLANS - 2ND STREET
GRAND AVENUE

EL106
SHEET 80 OF 85

NOTES:

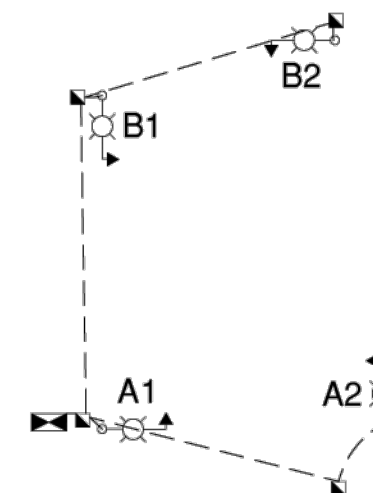
1. COMBINATIONAL LIGHTING CIRCUITING SHALL NOT BE CONNECTED TO THE ROADWAY LIGHTING CIRCUITS. COMBINATIONAL LIGHT POLES SHALL NOT HAVE FESTOONS OR BANNER ARMS.
2. LUMINAIRES ARE POWERED FROM IDOT TRAFFIC CONTROLLER, SEE DETAIL ON SHEET EL-109.
3. COMBINATIONAL LIGHTING CABLES SHALL BE IN THE SAME CONDUIT AS THE THE TRAFFIC SIGNAL CONDUIT.
4. SEE TRAFFIC PLANS FOR LOCATION OF COMBINATIONAL LIGHT POLES, HANDHOLES AND CONDUIT.
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7. SPLICE CIRCUIT INSIDE POLE TO CONTINUE TO NEXT COMBINATION POLE ON THE CIRCUIT.

LEGEND:

- COMBINATIONAL LIGHTING UNIT
120V LED LUMINAIRE, OUTPUT DESIGNATION "E",
35'-0" FT MOUNTING HEIGHT, 3'-0" MAST ARM
- BASE MOUNTED COMBINATIONAL TRAFFIC SIGNAL CONTROLLER,
REFER TO SHEET EL115 FOR DETAILS.
- COMBINATIONAL LIGHTING CONDUCTORS IN CONDUIT, REFER TO
CABLE/CONDUIT NOMENCLATURE FOR SIZE AND TYPE.
- TRAFFIC SIGNAL HANDHOLE

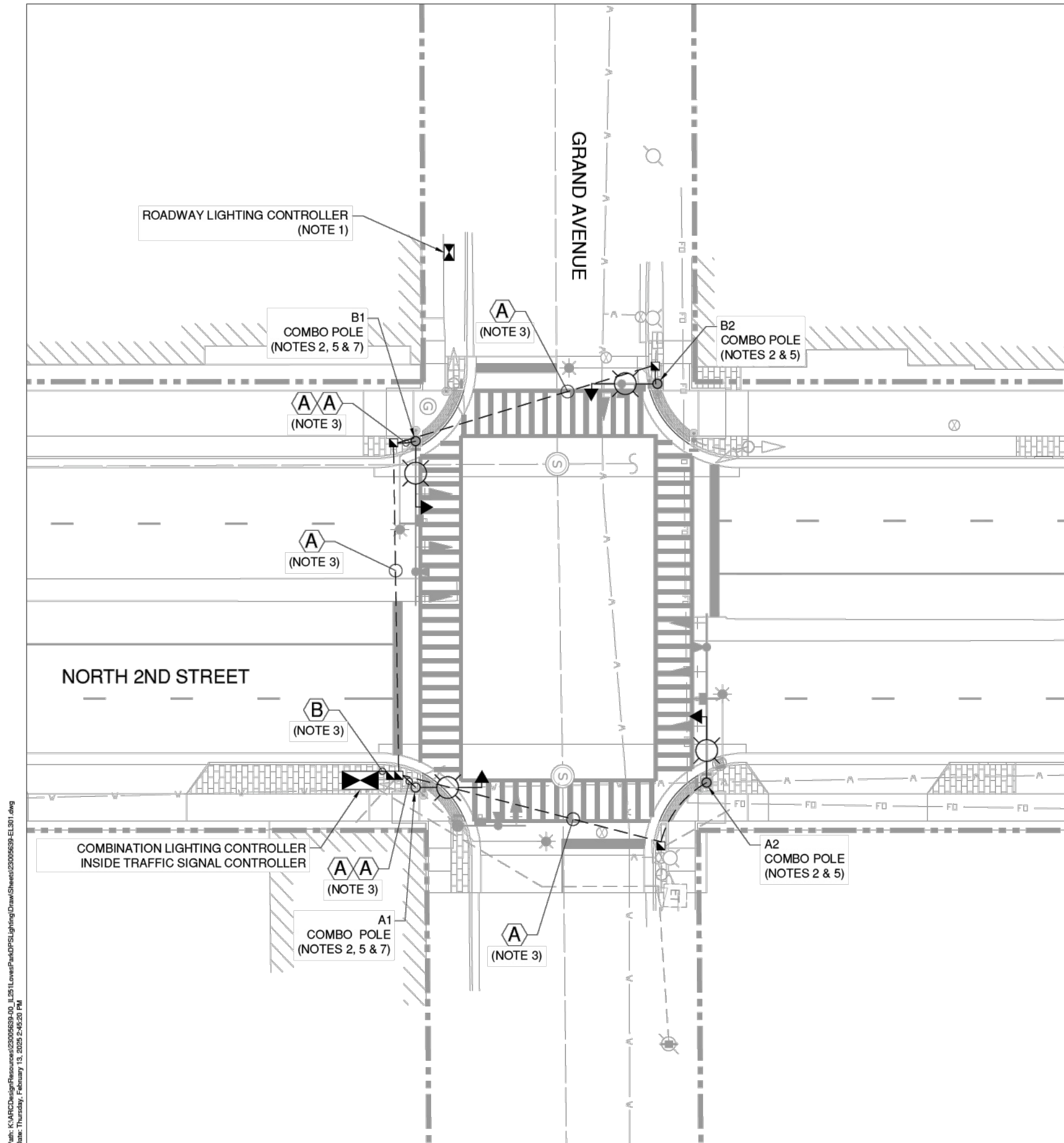
CABLE/CONDUIT NOMENCLATURE:

- A** 2-#10 (600V, XLP-USE) IN TRAFFIC SIGNAL CONDUIT. GROUND CABLE SHALL BE WITH TRAFFIC SIGNAL CABLES, REFER TO TRAFFIC SIGNAL PLANS
- B** 4-#10 (600V, XLP-USE) IN TRAFFIC SIGNAL CONDUIT. GROUND CABLE SHALL BE WITH TRAFFIC SIGNAL CABLES, REFER TO TRAFFIC SIGNAL PLANS



ONE LINE DIAGRAM

IDOT COMBINATION LIGHTING SCHEDULE OF QUANTITIES		
DESCRIPTION	UNIT	QUANTITY
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	4
COMBINATION LIGHTING CONTROLLER	EACH	1
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	630



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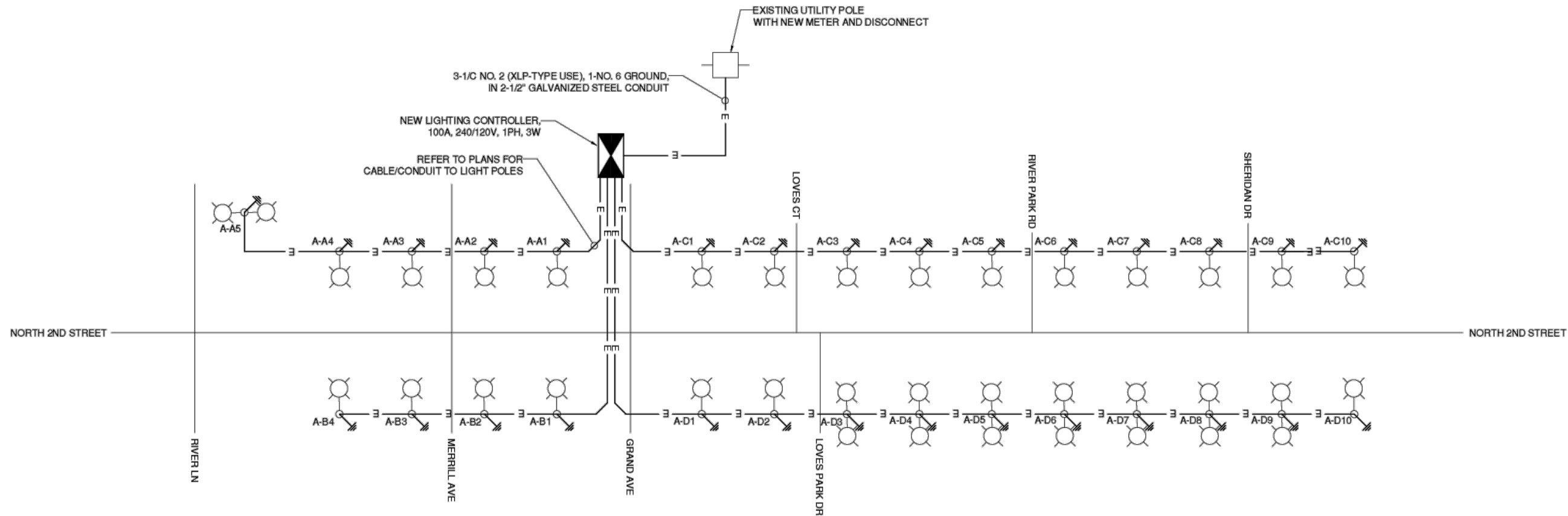
IL 251 STREETScape PROJECT
CITY OF LOVES PARK, IL

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SHEET TITLE
**ONE-LINE DIAGRAM
CONTROLLER "A"**

SHEET 81 OF 85
EL107



LIGHT POLE SCHEDULE

POLE	STATION	OFFSET	MAST ARM	MAST ARM QUANTITY	MOUNTING HEIGHT	LUMINAIRE OUTPUT	LUMINAIRE DISTRIBUTION	FESTOON CIRCUIT
A-A1	1005+13.56	35.50' LT	3-FT	SINGLE	35-FT	10,000	TYPE 3	E
A-A2	1003+81.86	35.50' LT	3-FT	SINGLE	35-FT	10,000	TYPE 3	E
A-A3	1002+81.87	35.69' LT	3-FT	SINGLE	35-FT	10,000	TYPE 3	E
A-A4	1001+71.89	35.50' LT	3-FT	SINGLE	35-FT	10,000	TYPE 3	E
A-A5	1000+26.14	111.35' LT	3-FT	DOUBLE	35-FT	10,000	TYPE 3	E
A-B1	1005+13.56	37.50' RT	3-FT	SINGLE	35-FT	10,000	TYPE 3	F
A-B2	1003+81.86	37.50' RT	3-FT	SINGLE	35-FT	10,000	TYPE 3	F
A-B3	1002+81.87	37.50' RT	3-FT	SINGLE	35-FT	10,000	TYPE 3	F
A-B4	1001+79.89	37.50' RT	3-FT	SINGLE	35-FT	10,000	TYPE 3	F
A-C1	1007+67.29	35.50' LT	3-FT	SINGLE	35-FT	10,000	TYPE 3	G
A-C2	1009+09.56	35.89' LT	3-FT	SINGLE	35-FT	10,000	TYPE 3	G
A-C3	1010+18.08	35.50' LT	3-FT	SINGLE	35-FT	10,000	TYPE 3	G
A-C4	1011+36.46	35.50' LT	3-FT	SINGLE	35-FT	10,000	TYPE 3	G
A-C5	1012+58.86	35.74' LT	3-FT	SINGLE	35-FT	10,000	TYPE 3	G
A-C6	1013+67.91	35.50' LT	3-FT	SINGLE	35-FT	10,000	TYPE 3	G
A-C7	1014+78.55	35.50' LT	3-FT	SINGLE	35-FT	10,000	TYPE 3	G
A-C8	1015+89.62	35.50' LT	3-FT	SINGLE	35-FT	10,000	TYPE 3	G
A-C9	1017+03.59	35.50' LT	3-FT	SINGLE	35-FT	10,000	TYPE 3	G
A-C10	1018+26.82	35.50' LT	3-FT	SINGLE	35-FT	10,000	TYPE 3	G
A-D1	1007+67.29	37.50' RT	3-FT	SINGLE	35-FT	10,000	TYPE 3	H
A-D2	1009+09.56	37.50' RT	3-FT	SINGLE	35-FT	10,000	TYPE 3	H
A-D3	1010+18.08	37.80' RT	3-FT	DOUBLE	35-FT	10,000	TYPE 3	H
A-D4	1011+36.46	37.50' RT	3-FT	DOUBLE	35-FT	10,000	TYPE 3	H
A-D5	1012+58.86	37.64' RT	3-FT	DOUBLE	35-FT	10,000	TYPE 3	H
A-D6	1013+67.91	37.50' RT	3-FT	DOUBLE	35-FT	10,000	TYPE 3	H
A-D7	1014+78.55	37.50' RT	3-FT	DOUBLE	35-FT	10,000	TYPE 3	H
A-D8	1015+89.62	37.50' RT	3-FT	DOUBLE	35-FT	10,000	TYPE 3	H
A-D9	1017+03.59	49.00' RT	3-FT	DOUBLE	35-FT	10,000	TYPE 3	H
A-D10	1018+26.82	49.50' RT	3-FT	SINGLE	35-FT	10,000	TYPE 3	H

PANEL SCHEDULE AND LOAD TABULATION LIGHTING CONTROLLER "A" 240/120V, 1-PHASE, 3-WIRE

CIRCUIT	BREAKER	WATTS		AMPS
		L1 (BLACK)	L2 (RED)	
A	20A / 2P	360	360	1.5
B	20A / 2P	240	240	1
C	20A / 2P	600	600	2.5
D	20A / 2P	1,020	1,020	4.25
E	20A / 2P	150	-	1.25
F	20A / 2P	-	120	1
G	20A / 2P	300	-	2.5
H	20A / 2P	-	300	2.5

LEGEND:

- ROADWAY LIGHTING UNIT WITH 120V FESTOON 240V LED LUMINAIRE, OUTPUT DESIGNATION "E", 35'-0" MOUNTING HEIGHT, 3'-0" MAST ARM, 24" DIAMETER CONCRETE FOUNDATION AND BREAKAWAY TRANSFORMER BASE
- DOUBLE ROADWAY LIGHTING UNIT WITH 120V FESTOON 240V LED LUMINAIRE, OUTPUT DESIGNATION "E", 35'-0" MOUNTING HEIGHT, TWO (2) 3'-0" MAST ARM, 24" DIAMETER CONCRETE FOUNDATION AND BREAKAWAY TRANSFORMER BASE
- BASE MOUNTED LIGHTING CONTROLLER, 240/120V, 100A, 1PH, 3W
- CABLE IN CONDUIT, REFER TO PLANS FOR SIZE AND QUANTITY

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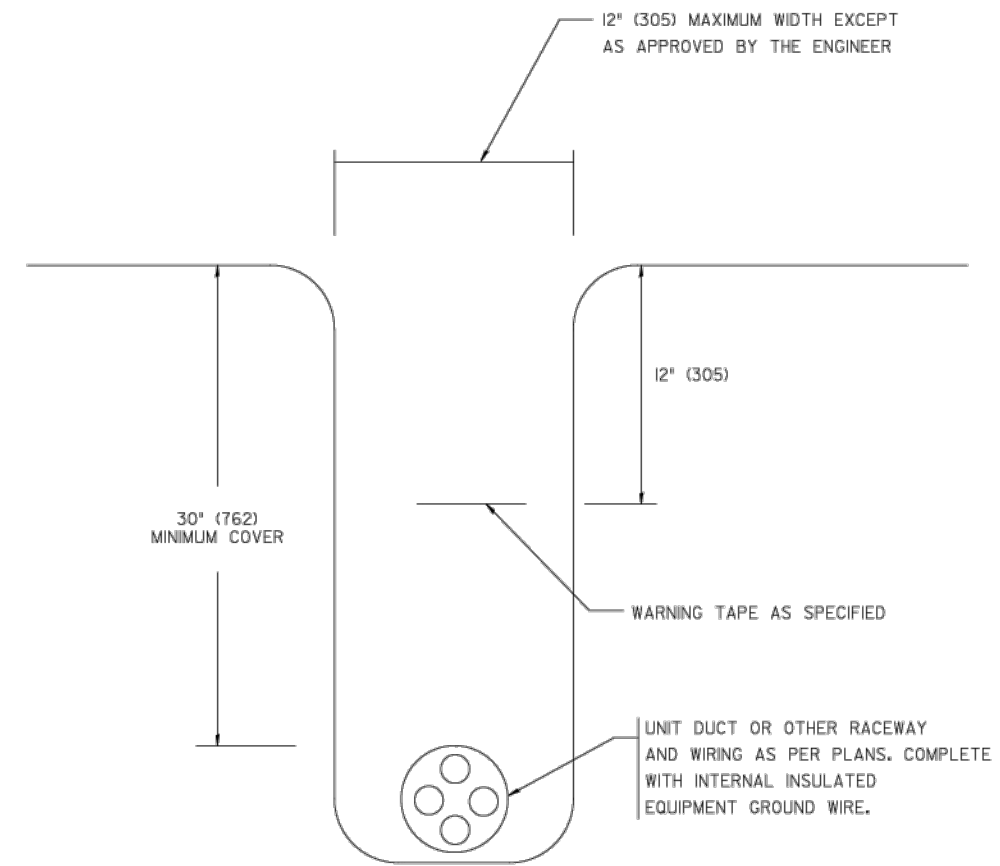
IL 251 STREETScape PROJECT
CITY OF LOVES PARK, IL

MARK | DATE | DESCRIPTION

PROJECT NO:	23005639-00
CAD DWG FILE:	23005639-EL701.DWG
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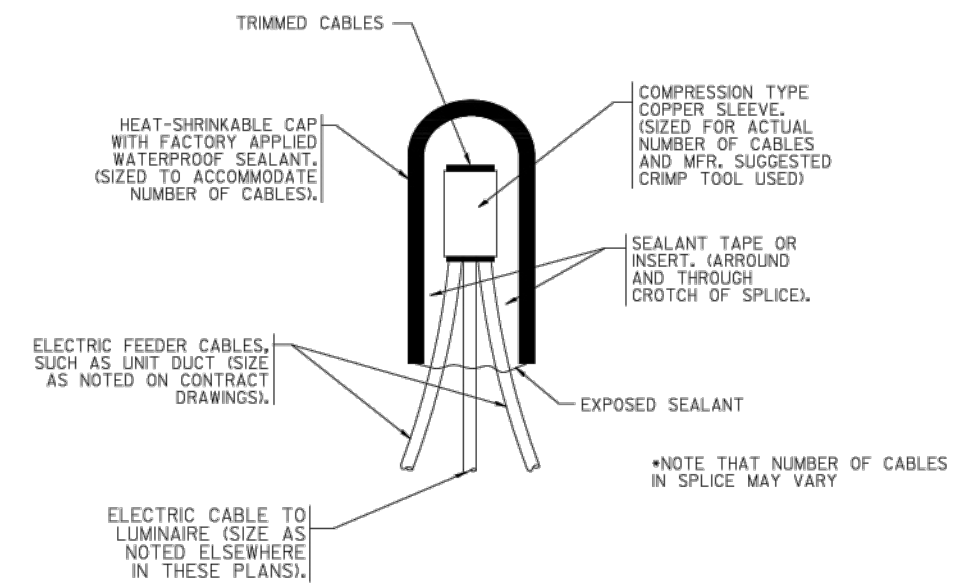
SHEET TITLE

LIGHTING PLAN
DETAILS



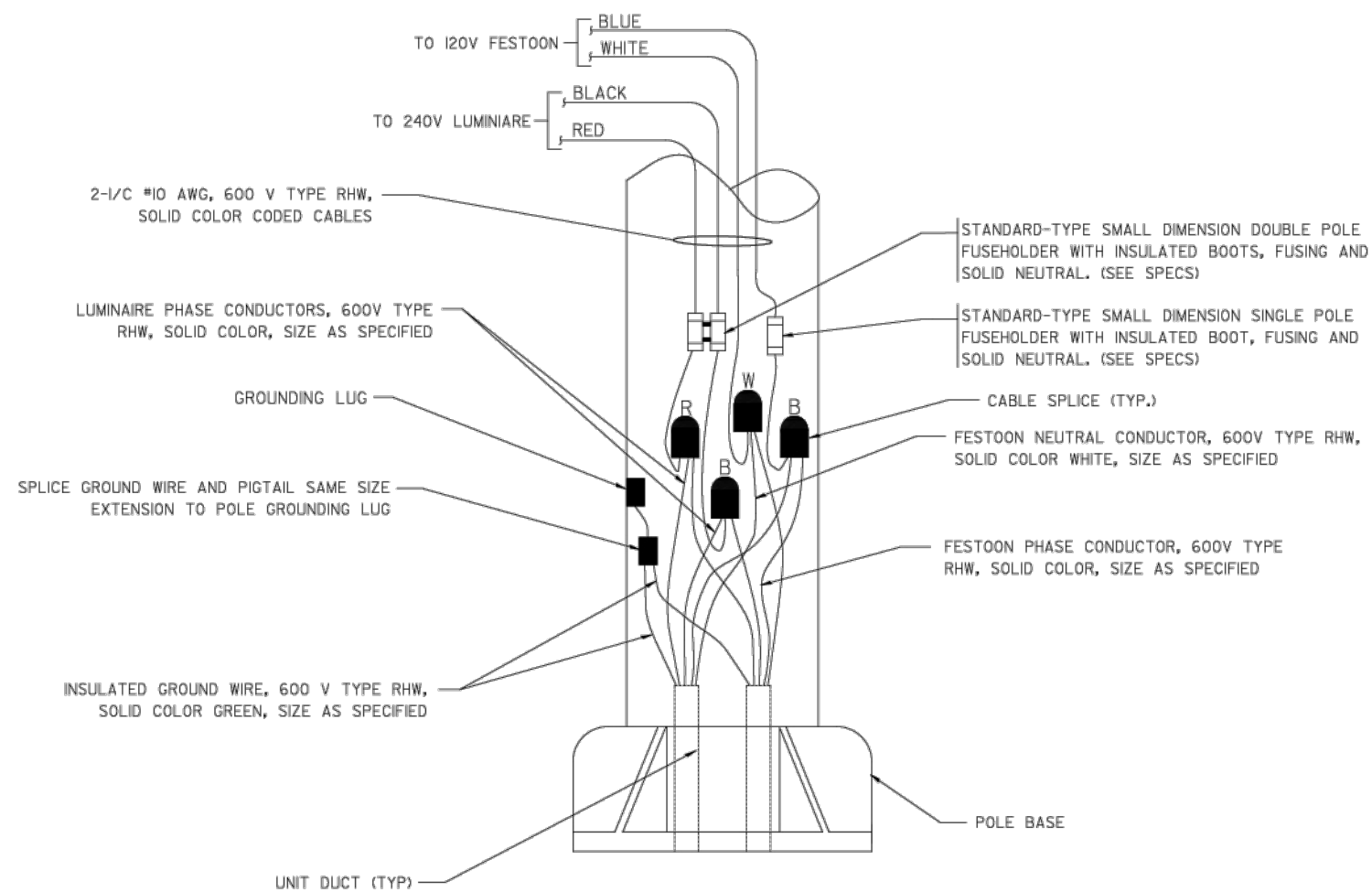
TYPICAL WIRING IN TRENCH DETAIL

N.T.S.



TYPICAL SPLICE DETAIL

N.T.S.



POLE WIRING DETAIL

N.T.S.



License No. OFFICE NUMBER
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Luminaire Performance Table

Project

Date	Contract Number	Section Number	County
11/04/24	C-92-016-22	21-00078-01-SW	Winnebago

Marked Route Number	Municipality
FAP 303 (IL ROUTE 251)	CITY OF LOVES PARK

Roadway

Lane Width (see note 4)	Number and Direction of lanes	Median Width	Surface Classification	Q-Zero Value
13	2	13	R3	0.07

Structure

Mounting Height	Arm Length	Set-Back (see note 1)	Number of Luminaires
35	3	3	1

Luminaire

Description	Transverse Distribution	Lateral Distribution
DESIGNATION "E"	TYPE III	Medium

Total Light Loss Factor (LLF)	B-U-G Rating	Shields	Dimming Protocol
Refer to Notes 6 and 7	U=0	N/A	N/A

Layout

Spacing	Configuration
130	Opposite

Performance (see notes 5 and 6)

Average Illuminance, E_{AVE} (fc)	Uniformity Ratio, E_{AVE}/E_{MIN}
1.2	3.0

Average Luminance, L_{AVE} (cd/m ²)	Uniformity Ratio, L_{AVE}/L_{MIN}	Uniformity Ratio, L_{MAX}/L_{MIN}	Veiling Luminance Ratio, L_v/L_{AVE}
0.6	3.5	6.0	0.3

Light Trespass (see notes 5 and 7)

Distance to ROW (behind pole)	Max. Horizontal Illuminance at ROW, E_H	Max. Vertical Illuminance at ROW, E_v
12	0.3	0.5

Notes

- Set-Back is from Edge of Pavement (white line).
- Lighting calculations shall be performed with all luminaires oriented toward and perpendicular to the roadway.
- Performance requirements shall be the minimum acceptable standards of photometric performance for the luminaire, based on the given conditions listed above.
- Lane width is the width of each individual lane, not to be confused with total roadway width.
- Compliance with performance criteria shall be held to one significant digit.
- Photometric calculations for roadways shall be performed with a total light loss factor of 0.7
- Light trespass calculations shall be performed with a total light loss factor of 1.0 and with horizontal calculations performed at grade and vertical calculations performed with calculation points located three feet above grade.
- Luminaire performance table is intended to define the luminaire and does not necessarily match any specific roadway geometry, mounting height, setback, or arm length.

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BDE 5630 (Rev. 06/06/24)

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2/17/2025

IL 251 LOVES PARK DPS
LIGHTING

OWNER

IL 251 STREETScape PROJECT
CITY OF LOVES PARK, IL

MARK | DATE | DESCRIPTION

PROJECT NO: 23005639-00
CAD DWG FILE: 23005639-EL70 1.DWG
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SHEET TITLE

LUMINAIRE
PERFORMANCE
TABLE

SHEET 85 OF 85
EL111