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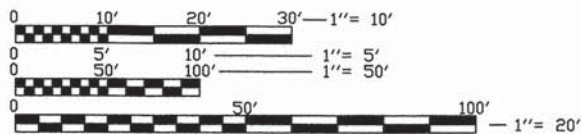
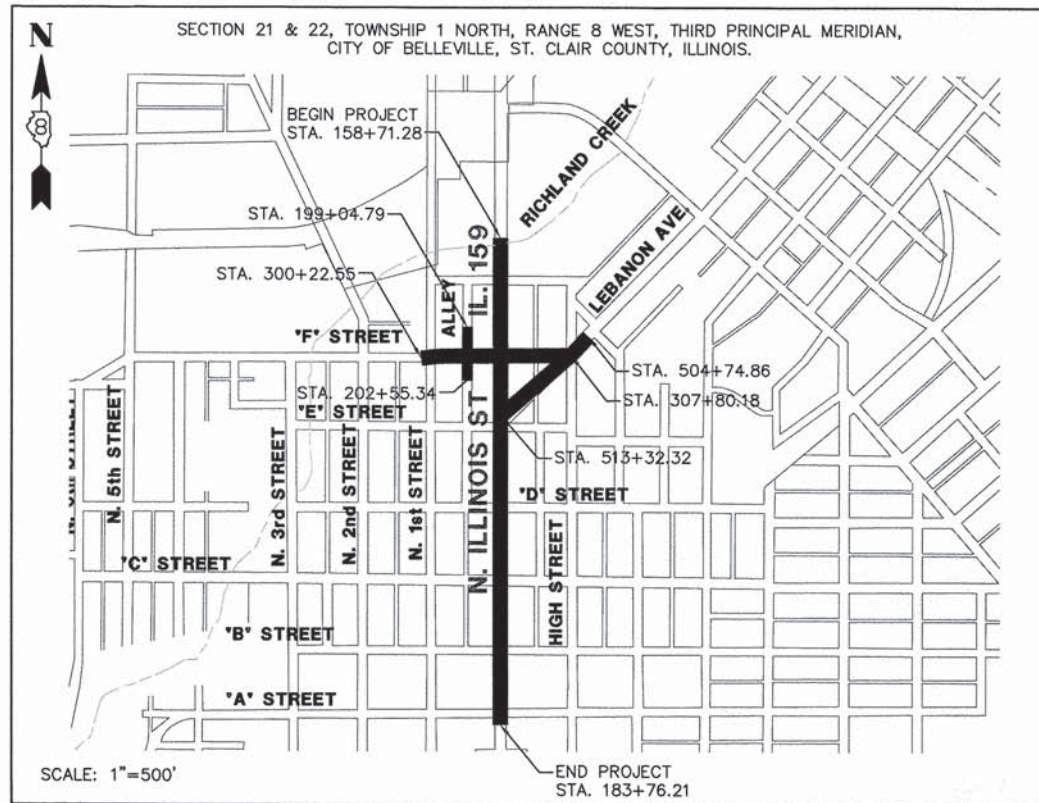
FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY
CITY OF BELLEVILLE**
FAP ROUTE 600
ILLINOIS ROUTE 159
SECTION 05-00206-00-WR
PROJECT NO. HPP-0162 (008)
JOB NO. C-98-377-06
WIDENING AND RESURFACING
ST. CLAIR COUNTY

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	05-00206-00-WR	ST. CLAIR	157	1

FEDERAL AID PROJECT
CONTRACT NUMBER 97442

f1=158



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

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION (J.U.L.I.E.)
CALL TOLL FREE 1-800-892-0123

DESIGN DESIGNATION

FUNCTIONAL CLASSIFICATION =
ARTERIAL: IL 159 & LEBANON AVE.
COLLECTOR: "F" STREET
DESIGN TRAFFIC = URBAN
DESIGN SPEED = 35
ADT - 19,200 IL RTE. 159
6,100 LEBANON AVENUE
2,050 F STREET

GROSS LENGTH ILL. RTE. 159 2,504.93 L.F.
F STREET 757.63 L.F.
LEBANON AVE. 857.46 L.F.
ALLEY 350.55 L.F.

NET LENGTH = 4,470.57 L.F. = 0.847 MILE



DATE: 3/9/15
LICENSE EXP. 11/30/15

ILLINOIS DEPARTMENT OF TRANSPORTATION	
Approved	MARCH 9 20 15 Mark Eckert Mark Eckert, Mayor, City Of Belleville
Passed	APRIL 17, 20 15 District 8 Engineer of Local Roads & Streets
Releasing for Bid Based on Limited Review	APRIL 17, 20 15 Deputy Director of Highways, Region #5 Engineer

Millennia Professional Services	
11 Executive Drive, Suite 12 Fairview Heights, Illinois 62208 (618)624-8610 FAX: (618)624-8611	

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OF THE STATE OF ILLINOIS

CONTRACT NO. 97442

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LIST OF ILLINOIS DOT HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
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001006	DECIMALS OF INCH AND FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
353001-04	PCC BASE COURSE WITH HMA BINDER AND SURFACE COURSES
420001-08	PAVEMENT JOINTS
424011-02	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
602306-03	INLET TYPE B
602401-03	MANHOLE TYPE A
602601-03	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-04	FRAME AND LIDS TYPE 1
604006-05	FRAME AND GRATE TYPE 3
604011-05	FRAME AND GRATE TYPE 3V
604036-03	GRATE TYPE 8
604091-03	FRAME AND GRATE TYPE 24
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PCC ISLANDS AND MEDIANS
630001-10	STEEL PLATE BEAM GUARDRAIL
701501-06	URBAN LANE CLOSURE, 2L 2W, UNIDIRECTIONAL
701502-06	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701801-05	LANE CLOSURE, MULTI-LANE, 1W, 2W WITH CROSSWALK OR SIDEWALK CLOSURE
701901-04	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTING DETAILS
720011-01	METAL POST FOR SIGNS, MARKERS AND DELINEATORS
720016-03	MAST ARM MOUNTED STREET NAME SIGNS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATION OF TYPE A AND B POSTS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATION OF RAISED REFLECTIVE PAVEMENT MARKERS
805001-01	ELECTRIC SERVICE INSTALLATION DETAILS
814001-03	HANDHOLES
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825011-03	LIGHTING CONTROLLER PEDESTAL MOUNTED 240V
836001-02	LIGHT POLE FOUNDATION
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
873001-02	TRAFFIC SIGNAL GROUNDING AND BONDING
877001-05	STEEL MAST ARM ASSEMBLY AND POLE, 16' THROUGH 55'
877006-04	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS
878001-10	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNT SIGNALS & FLASH BEACON INSTALL
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS – POST AND BRACKET MOUNTING
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTOR LOOPS
BLR 14-11	PORTLAND CEMENT CONCRETE PAVEMENT (NON-REINFORCED)

GENERAL NOTES

- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- CONTRACTOR TO VERIFY ALL UTILITIES ELEVATION AND LOCATION PRIOR TO EARTHWORK, INSTALLATION, AND ORDERING AND ACCEPTANCE OF ANY MATERIALS.
- THE CONTRACTOR SHALL PROTECT UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE FOLLOWING UTILITIES ARE LOCATED WITHIN THE LIMITS OF THIS PROJECT:

AMEREN IP (GAS) 1050 WEST BLVD. BELLEVILLE, ILLINOIS 62221 (800) 755-5000	AMEREN IP (ELECTRIC) 1050 WEST BLVD. BELLEVILLE, ILLINOIS 62221 (800) 755-5000
CITY OF BELLEVILLE (COMB. & SAN.) 450 ENVIRONMENT DRIVE BELLEVILLE, IL 62220 (618) 233-8610	AT&T (TELEPHONE) 203 GOETHE ST. COLLINSVILLE, ILLINOIS 62234 (618) 346-6490
CITY OF BELLEVILLE (STORM) 450 ENVIRONMENT DRIVE BELLEVILLE, IL 62220 (618) 233-8610	WINDSTREAM/PAETEC (FIBER OPTIC) 102 SHAFER ST. FORSYTH, ILLINOIS 62535 (217) 876-7194
ILLINOIS AMERICAN WATER (WATER) 100 NORTH WATERWORKS DRIVE BELLEVILLE, IL 62223 (618) 239-3243	CHARTER COMMUNICATIONS (CABLE) 210 DIVISION ST. MARYVILLE, IL 62062 (888) 438-2427

J.U.L.I.E.
1-800-892-0123

IT IS UNDERSTOOD AND AGREED THAT THE CONTRACTOR HAS TAKEN THE FOREGOING INTO CONSIDERATION IN SUBMITTING HIS BID, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY DELAYS OR INCONVENIENCES CAUSED BY THE SAME.

THE INFORMATION AND DATA SHOWN OR INDICATED ON THESE IMPROVEMENT PLANS WITH RESPECT TO EXISTING UNDERGROUND FACILITIES AND UTILITIES AT OR CONTIGUOUS TO THE SITE IS BASED ON INFORMATION AND DATA FURNISHED BY THE OWNERS OF SUCH UNDERGROUND FACILITIES AND UTILITIES OR BY OTHERS. FIELD MARKINGS OF FACILITIES IN CRITICAL AREAS MAY BE OBTAINED BY PROVIDING A MINIMUM OF 96 HOURS ADVANCE NOTICE TO THE RESIDENT ENGINEER SO THAT UTILITIES CAN BE GIVEN NOTICE. NO GUARANTEE IS IMPLIED AS TO THE ACCURACY OR COMPLETENESS OF ANY SUCH INFORMATION OR DATA; AND CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR i) REVIEWING AND CHECKING ALL SUCH INFORMATION AND DATA, (ii) LOCATING ALL UNDERGROUND FACILITIES AND UTILITIES SHOWN OR INDICATED ON THE IMPROVEMENT PLANS; (iii) COORDINATION OF THE WORK WITH THE OWNERS OF SUCH UNDERGROUND FACILITIES AND UTILITIES DURING CONSTRUCTION, AND (iv) THE SAFETY AND PROTECTION OF ALL SUCH UNDERGROUND FACILITIES AND UTILITIES AND REPAIR ANY DAMAGE THERETO RESULTING FROM THE WORK AT HIS EXPENSE.

- ALL UTILITIES TO BE RELOCATED BY OTHERS.
- ALL AREAS DISTURBED FOR ANY REASON SHALL BE SEEDING WITH CLASS 1B SEEDING, AS DIRECTED BY THE ENGINEER. NUTRIENTS SHALL CONFORM TO ARTICLE 250.04. FINAL SEEDING SHALL BE PERFORMED AS SOON AS POSSIBLE. FERTILIZER, SEEDING AND MULCH OUTSIDE R.O.W. LIMITS SHALL BE RESPONSIBILITY OF AND COST TO CONTRACTOR.
- MULCH, AS APPLIED TO FINAL SEEDING (CLASS 1B), SHALL CONFORM TO SECTION 251 OF THE STANDARD SPECIFICATIONS. MULCH UNLESS OTHERWISE PERMITTED BY THE ENGINEER, SHALL CONFORM TO METHOD 1 AS SPECIFIED IN ARTICLE 251.03 (b).
- ALL WORK AS SHOWN ON THESE PLANS SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIAL PROVISIONS PREPARED BY MILLENNIA PROFESSIONAL SERVICES ENTITLED "FAP ROUTE 600 (ILLINOIS ROUTE 159) SECTION 05-00206-00-WR, CONTRACT NO. 97442, CITY OF BELLEVILLE, ST. CLAIR COUNTY, ILLINOIS".
- SEE STANDARD BLR 14-10 FOR DETAILS OF JOINTS AND REBARS NOT SHOWN ON THE PLANS.
- PROTECTIVE COAT SHALL BE APPLIED TO ALL PAVEMENT, GUTTER FLAGS AND FACE OF CURBS ACCORDING TO THE SEASONAL REQUIREMENT OF ARTICLE 420.18 OF THE STANDARD SPECIFICATIONS.
- FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF SIXTEEN SANDBAGS PER BARRICADE
- ALL TEMPORARY BARRICADES SHALL HAVE APPROPRIATE LIGHTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR FOLLOWING THE REQUIREMENTS OF AN NPDES STORM WATER PERMIT FOR CONSTRUCTION ACTIVITY FOR THIS PROJECT.

ABBREVIATIONS AND SYMBOLS

THE FOLLOWING ABBREVIATIONS SUPPLEMENT OR SUPERCEDE HIGHWAY STANDARDS 000001-06

TBR&R	TO BE REMOVED AND RE-ERECTED
REC	TO BE RECONSTRUCTED
TBADJ	TO BE ADJUSTED
TBADJBO	TO BE ADJUSTED BY OTHERS
TBR&RBO	TO BE REMOVED AND RE-ERECTED BY OTHERS
TBRBO	TO BE REMOVED BY OTHERS

GENERAL NOTES (CON'T)

- 10 FT TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK.
- INLETS WITH TYPE 3 AND TYPE 3V FRAME AND GRATE TOP ELEVATIONS SHALL MATCH THE EDGE OF PAVEMENT.
- RIPRAP REMOVED ON SITE MAY BE REUSED IN THE PROJECT WITH THE APPROVAL OF THE ENGINEER.
- THE CONTRACTOR SHALL PROVIDE BLOCKOUTS IN THE PROPOSED SIDEWALK FOR PLACEMENT OF SIGN POSTS AS DIRECTED BY THE ENGINEER. THE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE FOR PORTLAND CEMENT CONCRETE SIDEWALK, 4".
- THE CONTRACTOR SHALL STAGE ALL WORK IN SUCH A WAY AS TO MAINTAIN INGRESS AND EGRESS TO ALL ABUTTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION. AGGREGATE FOR TEMPORARY ACCESS WILL BE MEASURED FOR PAYMENT AS SPECIFIED IN THE CONTRACT. THE COST OF ALL OTHER MATERIALS REQUIRED AND ALL OTHER LABOR NECESSARY TO COMPLY WITH THIS PROVISION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
- THE CONTRACTOR SHALL CONFINE ALL OPERATIONS TO THE CONSTRUCTION LIMITS LINE SHOWN ON THE PLANS, ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- WHERE TREE REMOVAL CONFLICTS WITH EXISTING UNDERGROUND UTILITIES, THE CONTRACTOR SHALL CUT THE TREE OFF AT THE GROUND LINE AND GRIND THE STUMP AS DIRECTED BY THE ENGINEER. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR THE VARIOUS TREE REMOVAL ITEMS INCLUDED IN THE CONTRACT.
- THE CONTRACTOR SHALL NOTE THE LOCATION OF ALL MANHOLE AND VALVE COVER FRAMES AND LIDS LOCATED WITHIN RESURFACING LIMITS. APPROPRIATE CARE SHALL BE TAKEN TO PROTECT THESE ITEMS DURING MILLING OPERATIONS.
- THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE WHICH THE HMA MIXTURES ARE PLACED.
- STORM SEWER INVERTS SHOWN ON THE PLANS HAVE BEEN CALCULATED TO THE CENTER OF THE STRUCTURE. THE STORM SEWER SLOPES SHOWN ON THE PLANS ARE THE PERCENT GRADE FROM CENTER TO CENTER OF STRUCTURE. THE LENGTH OF STORM SEWERS SHOWN ON THE PLANS IS THE DISTANCE FROM CENTER TO CENTER OF STRUCTURE. STORM SEWER SHALL BE MEASURED AND PAID FOR AS SPECIFIED IN ARTICLES 550.09 AND 550.10 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
- THE OFFSETS TO ALL INLETS AND MANHOLES ARE GIVEN TO THE CENTER OF THE OPENING AT THE BASE OF THE FRAME AND GRADE OR LID. CONCENTRIC DRAINAGE STRUCTURES WERE ASSUMED WHEN CALCULATING THESE DIMENSIONS.
- THE CONTRACTOR SHALL FIELD VERIFY SLOPES AND INVERTS OF EXISTING STORM SEWERS AND STRUCTURES TO BE RECONSTRUCTED, ADJUSTED, AND/OR TIED INTO PRIOR TO CONSTRUCTION. THE COST OF MAKING CONNECTIONS TO EXISTING DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE STORM SEWER ITEMS INVOLVED.
- ALL DRAINAGE STRUCTURES CONSTRUCTED, ADJUSTED OR RECONSTRUCTED UNDER THE CONTRACT, SHALL BE CLEANED OF ANY ACCUMULATION OF SILT, DEBRIS OR FOREIGN MATTER AT THE END OF EACH WORKING DAY AND AT THE TIME OF FINAL INSPECTION. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTACT UNIT PRICES BID FOR THE VARIOUS DRAINAGE STRUCTURE ITEMS INCLUDED IN THE CONTRACT.
- THE CONTRACTOR SHALL APPLY SHORT TERM PAVEMENT MARKINGS TO THE MILLED, PRIMED AND EACH HOT-MIX ASPHALT LAYER. A QUANTITY FOR SHORT TERM PAVEMENT MARKING HAS BEEN INCLUDED IN THE PLANS. ONLY THE FINAL APPLICATION OF SHORT TERM PAVEMENT MARKINGS SHALL BE REMOVED AND SEPARATE PAYMENT WILL BE MADE FOR WORK ZONE PAVEMENT MARKING REMOVAL.
- THE PAVEMENT MARKING LOCATIONS SHOWN IN THE PLANS ARE APPROXIMATE. PROPOSED CROSSWALKS AND STOP BARS SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER, IF NECESSARY, TO MATCH FIELD CONDITIONS.
- IF ASH TREES ARE REMOVED ON THE PROJECT, THE CONTRACTOR SHALL BECOME FAMILIAR WITH AND COMPLY WITH MEASURES SPECIFIED BY THE ILLINOIS DEPARTMENT OF AGRICULTURE (IDOA) TO PREVENT THE SPREAD OF THE EMERALD ASH BORER. THE IDOA INFORMATION FOR ASH TREE REMOVAL CAN BE FOUND ON THE IDOA WEBSITE AT WWW.AGR.STATE.IL.US/EAB
- THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT THE EXISTING SANITARY SEWER LATERALS AND CONNECTIONS DURING ALL CONSTRUCTION OPERATIONS. IN THE EVENT THAT THE LATERALS ARE DAMAGED, THE CONTRACTOR SHALL REPLACE THE DAMAGED LATERAL IN A MANNER SATISFACTORY TO THE ENGINEER.

COMMITMENTS

SEE SHEET 2A FOR COMMITMENTS

DATE	
BY	
SURVEYED	
ALIGNMENT	
CHECKED	
RT. OF WAY	
NO. OF W.A. CHECKED	
ADD FILE NAME	
PLAN	
NOTE BOOK	
NO.	

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

05119 index.dwg	USER NAME = Stephen G. Judiscak	DESIGNED -- B.J.W.	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, GENERAL NOTES & STANDARDS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED -- E.R.O.	REVISED --			800	05-00206-00-WR	ST. CLAIR	157	2
	PLOT DATE = 3/6/2015	DATE -- DATE	REVISED --			CONTRACT NO. 97442				
SCALE:					SHEET NO. 2 OF 157 SHEETS		STA.		TO STA.	
ILLINOIS FED. AID PROJECT										

PLAN	SURVEYED PLOTTED CHECKED BY: _____	DATE	BY	FILED	DATE
				NOTE BOOK NO. _____	FILED

PROFILE	SURVEYED PLOTTED CHECKED BY: _____	DATE	BY	FILED	DATE
				NOTE BOOK NO. _____	FILED

COMMITMENTS

1. AS PART OF THE NEGOTIATED AGREEMENT WITH THE PROPERTY OWNERS OF PARCEL NO. 8112036, 10 WEST F STREET, THE CITY OF BELLEVILLE AGREES TO THE FOLLOWING:

THE PROPOSED ENTRANCE ON F STREET IS DESIGNED AS A 24' WIDE COMMERCIAL ENTRANCE IN THE PLANS SHOWN AT STA. 302+64.17 RT. THE CROSS SECTION FOR THE F STREET ENTRANCE, SHOWN ON PLAN SHEET 147, INDICATES A +2%, -6%, -2% SLOPE. THE PROPERTY OWNERS WOULD LIKE TO SEE THIS FLATTER SINCE THE END OF THE PROPOSED ENTRANCE WORK IS +/- 16' FROM THE END OF THE T.E. THEY ARE NOT ASKING FOR THE CONCRETE TO EXTEND ANY FARTHER THAN SHOWN IN THE PLANS (28.6'), JUST FLATTEN TO PROVIDE A MORE DESIRABLE GRADE.

THIS ENTRANCE GRADE SHALL BE REVISED TO A -2% CONCRETE DRIVEWAY SLOPE BEHIND THE SIDEWALK EXTENDED AS FAR AS SHOWN IN THE PLANS AND THEN CONTINUE WITH A 2% SLOPE OF AGGREGATE FILL TO INTERSECT WITH THE EXISTING AGGREGATE DRIVEWAY.

2. AS PART OF THE NEGOTIATED AGREEMENT WITH THE PROPERTY OWNERS OF PARCEL NO. 8112064, 505 NORTH ILLINOIS STREET, THE CITY OF BELLEVILLE AGREES TO THE FOLLOWING:

THE PROPERTY OWNERS STATE THEIR PROPERTY IS ZONED FOR COMMERCIAL USE AND SHOULD HAVE COMMERCIAL SIZED ENTRANCES. THE ENTRANCE AT IL 159 STA. 167+43.95 RT SHALL BE REVISED TO REFLECT A 24' WIDTH AT THE BACK OF THE PROPOSED SIDEWALK.

MR. RUSSELL AND MR. BYERLEY REQUEST THAT THE PROPERTY CORNER AT THE NORTHEAST CORNER OF THE LOT BE LOCATED.

3. AS PART OF THE NEGOTIATED AGREEMENT WITH THE PROPERTY OWNER OF PARCEL NO. 8112105, LEONILA M. BROWN THE CITY OF BELLEVILLE AGREES TO THE FOLLOWING:

AS PER THE CONTRACT PLANS, MAINTENANCE OF TRAFFIC AND STAGING PLAN THE STAGE OF CONSTRUCTION THAT INVOLVES THE ROADWAYS ADJACENT TO YOUR PROPERTY IS:
STAGE 1 - F STREET RECONSTRUCTION
STAGE 5 - SOUTHWEST BOUND LEBANON AVE.

STAGE 1 WILL CONSIST OF CLOSING F STREET TO THROUGH TRAFFIC. THE WORK DURING THIS STAGE WILL BE THE COMPLETE RECONSTRUCTION OF F STREET FROM LEBANON AVE. TO 1ST STREET AND WILL INCLUDE THE PAVEMENT, CURB & GUTTER, AND SIDEWALKS, ETC. IT IS ESTIMATED THAT THIS WORK WILL TAKE 49 WORKING DAYS WHICH EQUATES TO APPROXIMATELY 70 CALENDAR DAYS.

STAGE 5 WILL CONSIST OF CLOSING THE SOUTHWEST BOUND LANE OF LEBANON AVE. THE WORK DURING THIS STAGE WILL CONSIST OF THE RECONSTRUCTION OF THE CURB & GUTTERS, SIDEWALKS, AND MILLING AND RESURFACING THE SOUTHWEST BOUND LANES. IT IS ESTIMATED THAT THIS WORK WILL TAKE 42 WORKING DAYS WHICH EQUATES TO APPROXIMATELY 60 CALENDAR DAYS.

BASED ON THE CONTRACT PLANS THE CITY HEREBY STATES AND MAKES THE FOLLOWING COMMITMENT:

THE CONSTRUCTION ACTIVITIES THAT WILL AFFECT THE INGRESS AND EGRESS TO THE IMPROVEMENTS LOCATED ON THE SUBJECT PROPERTY SHALL TAKE NO LONGER THAN 6 CALENDAR MONTHS. IT SHOULD BE NOTED THAT THE TWO STAGES OF CONSTRUCTION THAT AFFECT THE INGRESS AND EGRESS ARE NOT CONSECUTIVE AND THAT THE COMMITMENT IS BASED ON THE SUM TOTAL OF STAGE 1 AND STAGE 5 ONLY AND IS NOT BASED ON THE TOTAL CALENDAR DAYS FROM THE BEGINNING OF STAGE 1 TO THE END OF STAGE 5. IT SHOULD ALSO BE NOTED THAT WHILE THE INGRESS AND EGRESS TO THE IMPROVEMENTS MAY BE AFFECTED BY THE CONSTRUCTION ACTIVITIES IT IS ANTICIPATED THAT AT LEAST ONE POINT OF INGRESS AND EGRESS TO THE IMPROVEMENTS WILL BE AVAILABLE AT ALL TIMES DURING THE CONSTRUCTION OF THE PROJECT.

4. AS PART OF THE NEGOTIATED AGREEMENT WITH THE PROPERTY OWNERS OF PARCEL NO. 8112045, RICH HAMMOND AND HASSAN MEGAHY, THE CITY OF BELLEVILLE AGREES TO THE FOLLOWING:

THE PROPOSED COMMERCIAL ENTRANCE LOCATED AT ALLEY STATION 199+36.43 (AKA KRETSCHMER AVE.) SHALL BE CONSTRUCTED AT A WIDTH OF 24'.

5. AS PART OF THE NEGOTIATED AGREEMENT WITH THE PROPERTY OWNER OF PARCEL NO. 8112069, 415 NORTH ILLINOIS STREET, THE CITY OF BELLEVILLE AGREES TO THE FOLLOWING:

MR. DAVRNOY REQUESTS THAT THE TWO (2) PROPERTY CORNERS AT THE EASTERN EDGE OF THE LOT BE LOCATED.

6. AS PART OF THE NEGOTIATED AGREEMENT WITH THE PROPERTY OWNERS OF PARCEL NO. 8112116, KEATON INVESTMENTS, LLC, THE CITY OF BELLEVILLE AGREES TO THE FOLLOWING:

THE PROPOSED ENTRANCE WORK SHALL INCLUDE WIDENING THE EXISTING 9' CONCRETE DRIVEWAY TO 18' WIDE. THE LENGTH OF WIDEN PORTION SHALL BE 23'+/-.

7. AS PART OF THE NEGOTIATED AGREEMENT WITH THE PROPERTY OWNERS OF PARCEL NO. 8112047, ANGELA AND WILBERT POWELL THE CITY OF BELLEVILLE AGREES TO THE FOLLOWING:

THE BUSINESS IDENTIFICATION SIGN LOCATED AT STATION 161+40+/- RT. WILL NOT BE DISTURBED.

THE CITY SHALL DIRECT THE CONTRACTOR TO ADJUST AND RESET THE EXISTING SIDEWALK PAVERS TO MATCH THE ELEVATION OF THE PROPOSED SIDEWALK. THE EXISTING BRICK SIDEWALK IS LOCATED AT STATION 161+30+/- RT.

8. AS PART OF THE NEGOTIATED AGREEMENT WITH THE PROPERTY OWNERS OF PARCEL NO. 8112075, JAMES J. AND JANE E. PAULEY THE CITY OF BELLEVILLE AGREES TO THE FOLLOWING:

THIS PARCEL CONSISTS OF A FIVE (5) FOOT WIDE TEMPORARY EASEMENT ACROSS THE ENTIRE FRONT OF THE SUBJECT PROPERTY LOCATED AT 329 NORTH ILLINOIS STREET IN BELLEVILLE, ILLINOIS (STA. 173+82.96 TO STA. 174+83.27 RT.). WITHIN THE TEMPORARY EASEMENT IS AN AREA OF LANDSCAPING WHICH INCLUDES A RAILROAD TIE RETAINING WALL, SEVERAL SHRUBS, ENTRY STEPS AND A BUSINESS SIGN. THE PLANS INDICATE THAT THE RETAINING WALL SHALL NOT BE REMOVED AS A PART OF THIS PROJECT. THIS COMMITMENT STATES THAT THE SHRUBS, ENTRY STEPS AND BUSINESS SIGN WITH IN THE TEMPORARY EASEMENT SHALL ALSO NOT BE DISTURBED AS A PART OF THIS PROJECT.

COMMITMENTS, Con't.

9. AS PART OF THE NEGOTIATED AGREEMENT WITH THE PROPERTY OWNERS OF PARCEL NO. 8112117, ROGER D. KAEMMERER AND LAURA J. KAEMMERER, THE CITY OF BELLEVILLE AGREES TO THE FOLLOWING:

A POP-UP-DIFFUSER WILL BE INSTALLED ON ANY EXISTING DOWNSPOUTS AFFECTED BY THE GRADING LIMITS. THE LOCATION OF THE POP-UP-DIFFUSERS WILL BE APPROXIMATELY LOCATED AS DIRECTED BY THE ENGINEER.

A MODULAR BLOCK RETAINING WALL WILL BE CONSTRUCTED AS SHOWN ON THE ATTACHED DRAWING. THE CONTRACTOR SHALL LIMIT THE GRADING ACTIVITIES BEHIND THE RETAINING WALL TO ONLY WHAT IS NECESSARY TO BUILD THE WALL, TO LIMIT THE DAMAGE EXISTING TREES ROOT SYSTEM.

10. AS PART OF THE NEGOTIATED AGREEMENT WITH THE PROPERTY OWNERS OF PARCEL NO. 8112055, DAVID R. AND KETHLEEN J BUTTING, THE CITY OF BELLEVILLE AGREES TO THE FOLLOWING:

IN ADDITION TO COMPENSATION PAID, THE CITY MAKES A COMMITMENT TO THE FOLLOWING AND THE PROPERTY OWNERS ACCEPT THE FOLLOWING AS PART THE NEGOTIATED AGREEMENT:

THE TRELIS LOCATED IN THE TEMPORARY EASEMENT AT THE FRONT OF THE RESIDENCE SHALL BE MARKED "NOT TO BE DISTURBED" ON THE CONSTRUCTION PLANS, HOWEVER SHOULD ANY DAMAGE OCCUR THE CITY WILL COMPENSATE THE PROPERTY OWNERS AS PREVIOUSLY AGREED TO IN THE SETTLEMENT AGREEMENT;

IN ADDITION TO THE LARGE TREE AT THE CORNER OF NORTH ILLINOIS STREET AND F STREET SCHEDULED FOR REMOVAL IN THE CONTRACT PLANS, THE CITY WILL REMOVE THE LARGE TREE LOCATED AT STA. 165+28, 36' LT. WITH THE PROJECT AT NO COST TO THE PROPERTY OWNERS. THE COMMITMENT TO REMOVE THE TREE DOES INCLUDE STUMP REMOVAL. ALL DISTURBED AREAS WILL BE GRADED LEVEL AND SEEDED PER THE CONTRACT PLANS;

THE EXISTING CONCRETE DRIVEWAY LOCATED ON F STREET WILL BE REMOVED TO THE EXISTING EXPANSION JOINT WHICH MEASURES 29.5 FEET FROM THE EXISTING EDGE OF PAVEMENT OF F STREET AND 8 FEET FROM THE WOODEN DECK. THE PROPOSED RETAINING WALL ALONG F STREET WILL BE EXTENDED ACROSS THE OPENING OF THE DRIVEWAY AT AN ELEVATION CONSISTENT WITH THE ELEVATIONS ON BOTH SIDES OF THE EXISTING DRIVEWAY. THE EXISTING DRIVEWAY AREA BEHIND THE NEW RETAINING WALL SHALL BE BACK FILLED AND GRADED TO AN ELEVATION MATCHING THE EXISTING GROUND LINES PRESENT ON THE EAST AND WEST SIDES OF THE EXISTING DRIVEWAY. THE TOP 12 INCHES OF BACKFILL SHALL BE CLEAN TOPSOIL. ALL DISTURBED AREAS WILL BE SEEDED PER THE CONTACT PLANS. THE PROPERTY OWNERS SHALL BE CONTACTED AT 618-304-8979 TO APPROVE THE ELEVATIONS OF THE PROPOSED RETAINING WALL AND BACKFILL;

THE PROPERTY OWNERS UNDERSTAND THAT ANY CONTRACTOR WORKING FOR THE CITY IS FULLY BONDED AND INSURED. ANY DAMAGES CAUSED TO PROPERTY REAL OR PERSONAL OUTSIDE OF THE PROPOSED RIGHT OF WAY OR EASEMENTS AND SCOPE OF WORK IS THE RESPONSIBILITY OF THE CITY AND/OR CONTRACTOR. UNDERGROUND AND ABOVEGROUND UTILITIES WILL BE ADJUSTED AS NECESSARY FOR THE CONSTRUCTION OF THE PROJECT AT NO COST TO THE PROPERTY OWNERS. THE CONTRACTOR WILL HAVE ALL UTILITIES MARKED AS REQUIRED BY LAW BEFORE EXCAVATION COMMENCES AND WILL BE RESPONSIBLE FOR ANY DAMAGES THAT OCCUR;

11. AS PART OF THE NEGOTIATED AGREEMENT WITH THE PROPERTY OWNERS OF PARCEL NO. 8112090 TE, 120 NORTH ILLINOIS STREET, THE CITY OF BELLEVILLE AGREES TO THE FOLLOWING:

THE ENTRANCE AT 120 NORTH ILLINOIS STREET (IL 159) AT STATION 181+09.21/LT. SHALL BE REMOVED AS SHOWN IN THE PLANS AND REPLACED BY A CONCRETE WALKWAY AND CONCRETE STEPS. THE CURB CUT SHALL BE ELIMINATED AND REPLACED WITH FULL HEIGHT CURB. THE STEPS AND WALKWAY SHALL EXTEND THE FULL WIDTH OF THE AREA BETWEEN THE EXISTING STONE AND CONCRETE RETAINING WALLS THAT SHALL REMAIN IN PLACE. THIS WORK SHALL BE IN ACCORDANCE WITH ARTICLE 424 OF THE STANDARD SPECIFICATIONS AND APPROVED BY THE ENGINEER.

ADDITIONALLY, THE CONTRACTOR SHALL RECONSTRUCT THE PARKING LOT ENTRANCE AT STATION 183+34.09/LT. IN STAGES SO THAT ACCESS IS MAINTAINED THROUGHOUT THE ROAD IMPROVEMENT.

05119 Index.dwg	USER NAME = Stephen G. Judiscak	DESIGNED -- B.J.W.	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMMITMENTS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE =	CHECKED -- E.R.O.	REVISED --			600	05-00206-00-WR	ST. CLAIR	157	2A	
	PLOT DATE = 3/6/2015	DATE -- DATE	REVISED --			CONTRACT NO. 97442					
						SCALE:	SHEET NO. 2A OF 157 SHEETS	STA.	TO STA.		
						ILLINOIS FED. AID PROJECT					

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SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITIES	ROADWAY	TRAFFIC SIGNALS/LIGHTING
20100110	TREE REMOVAL (6-15 UNIT DIAMETER)	UNIT	12	12	
20100210	TREE REMOVAL (OVER 15 UNIT DIAMETER)	UNIT	114	114	
20200100	EARTH EXCAVATION	CU YD	2546	2546	
20400800	FURNISHED EXCAVATION	CU YD	3560	3560	
20800150	TRENCH BACKFILL	CU YD	800.9	800.9	
Δ25000115	SEEDING, CLASS 1B	ACRE	0.69	0.69	
Δ25000400	NITROGEN FERTILIZER NUTRIENT	POUND	61.8	61.8	
Δ25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	61.8	61.8	
Δ25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	61.8	61.8	
Δ25000700	AGRICULTURAL GROUND LIMESTONE	TON	1.4	1.4	
Δ25100105	MULCH, METHOD 1	ACRE	0.69	0.69	
28000305	TEMPORARY DITCH CHECKS	FOOT	20	20	
28000400	PERIMETER EROSION BARRIER	FOOT	634.8	634.8	
28000500	INLET AND PIPE PROTECTION	EACH	38	38	
31100100	SUB-BASE GRANULAR MATERIAL TYPE A	TON	913.2	913.2	
31100700	SUB-BASE GRANULAR MATERIAL TYPE A 8"	SQ YD	458.3	458.3	
31100910	SUB-BASE GRANULAR MATERIAL TYPE A 12"	SQ YD	4160.7	4160.7	
35300505	PORTLAND CEMENT CONCRETE BASE COURSE 10 1/4"	SQ YD	1383.6	1383.6	
40200700	AGGREGATE SURFACE COURSE, TYPE A, 8"	SQ YD	31.1	31.1	
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	1000	1000	
*40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	22,673.4	22,673.4	
40600645	LEVELING BINDER (MACHINE METHOD), N90	TON	1246.5	1246.5	
40600990	TEMPORARY RAMPS	SQ YD	881.7	881.7	
40603100	HOT-MIX ASPHALT BINDER COURSE, IL-19.0L N30	TON	66.1	66.1	
40603305	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30	TON	35.2	35.2	
40603320	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N90	TON	1334.7	1334.7	
40701881	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"	SQ YD	3564.4	3564.4	
42001300	PROTECTIVE COAT	SQ YD	2542.8	2542.8	
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 6 INCH	SQ YD	239.20	239.20	
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 8 INCH	SQ YD	1247.28	1247.28	
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	50593.6	50593.6	
42400800	DETECTABLE WARNINGS	SQ FT	467.6	467.6	
44000100	PAVEMENT REMOVAL	SQ YD	2605.1	2605.1	
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	15889.1	15889.1	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	6354	6354	

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITIES	ROADWAY	TRAFFIC SIGNALS/LIGHTING
44000300	CURB REMOVAL	FOOT	7019.7	7019.7	
44000600	SIDEWALK REMOVAL	SQ FT	46075.6	46075.6	
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	1794.3	1794.3	
48101500	AGGREGATE SHOULDERS, TYPE B, 6"	SQ YD	81.7	81.7	
54248510	CONCRETE COLLAR	CU YD	10	10	
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	1273	1273	
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	10	10	
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	19	19	
55100500	STORM SEWER REMOVAL 12"	FOOT	55	55	
60240210	INLETS, TYPE B, TYPE 1 FRAME, OPEN LID	EACH	1	1	
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	3	3	
60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	3	3	
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	6	6	
60255905	MANHOLES TO BE ADJUSTED WITH NEW TYPE 3V FRAME AND GRATE	EACH	1	1	
60256940	MANHOLES TO BE ADJUSTED WITH NEW TYPE 24 FRAME AND GRATE	EACH	1	1	
60500060	REMOVING INLETS	EACH	14	14	
60603500	COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.06	FOOT	141.1	141.1	
60605000	COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24	FOOT	7585.3	7585.3	
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	260.1	260.1	
Δ 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	50	50	
Δ 64100115	SIGHT SCREEN (WOODEN FENCE) TYPE P, 6 FOOT	FOOT	44	44	
Δ 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	700	700	
Δ 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1	
Δ 66900530	SOIL DISPOSAL ANALYSIS	EACH	4	4	
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	17	17	
67100100	MOBILIZATION	L SUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION STANDARD 701501	L SUM	1	1	
70102622	TRAFFIC CONTROL AND PROTECTION STANDARD 701502	L SUM	1	1	
70102640	TRAFFIC CONTROL AND PROTECTION STANDARD 701801	L SUM	1	1	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2013	2013	
70300210	TEMPORARY PAVEMENT MARKING-LETTER & SYMBOLS	SQ FT	449.0	449.0	
70300220	TEMPORARY PAVEMENT MARKING-LINE 4"	FOOT	11591.4	11591.4	
70300240	TEMPORARY PAVEMENT MARKING-LINE 6"	FOOT	1669.3	1669.3	
70300250	TEMPORARY PAVEMENT MARKING-LINE 8"	FOOT	107.6	107.6	
70300260	TEMPORARY PAVEMENT MARKING-LINE 12"	FOOT	857.2	857.2	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	56.0	56.0	

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITIES	ROADWAY	TRAFFIC SIGNALS/LIGHTING
72000100	SIGN PANEL TYPE 1	SQ FT	366.8	290.0	76.8
72300100	INSTALL EXISTING SIGN PANEL	SQ FT	136	136	
72900100	METAL POST TYPE A	FOOT	1449	1449	
Δ78000100	THERMOPLASTIC PAVEMENT MARKING-LETTER & SYMBOLS	SQ FT	449.0	449.0	
Δ78000200	THERMOPLASTIC PAVEMENT MARKING-LINE 4"	FOOT	11591.4	11591.4	
Δ78000400	THERMOPLASTIC PAVEMENT MARKING-LINE 6"	FOOT	1669.3	1669.3	
Δ78000500	THERMOPLASTIC PAVEMENT MARKING-LINE 8"	FOOT	107.6	107.6	
Δ78000600	THERMOPLASTIC PAVEMENT MARKING-LINE 12"	FOOT	857.2	857.2	
Δ78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	144	144	
Δ78200300	PRISMATIC CURB REFLECTOR	EACH	28	28	
Δ78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	210	210	
Δ80400100	ELECTRIC SERVICE INSTALLATION	EACH	4		4
Δ80500100	SERVICE INSTALLATION, TYPE A	EACH	2		2
Δ81028320	UNDERGROUND CONDUIT, PVC 1" DIA.	FOOT	171		171
Δ81028340	UNDERGROUND CONDUIT, PVC 1 1/2" DIA.	FOOT	5342		5342
Δ81028350	UNDERGROUND CONDUIT, PVC 2" DIA.	FOOT	2560		2560
Δ81028360	UNDERGROUND CONDUIT, PVC 2 1/2" DIA.	FOOT	12		12
Δ81028370	UNDERGROUND CONDUIT, PVC 3" DIA.	FOOT	102		102
Δ81028390	UNDERGROUND CONDUIT, PVC 4" DIA.	FOOT	540		540
Δ81400100	HANDHOLE	EACH	18		18
Δ81400300	DOUBLE HANDHOLE	EACH	2		2
Δ81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	2652		2652
Δ81702450	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	15532		15532
Δ82500330	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240 VOLT, 60 AMP	EACH	4		4
Δ83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	195		195
Δ85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	2		2
Δ85900100	TRANSCEIVER	EACH	2		2
Δ87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2036		2036
Δ87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1930		1930
Δ87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2788		2788
Δ87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2837		2837
Δ87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2933		2933
Δ87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	1943		1943
Δ87301805	ELECTRIC CABLE IN CONDUIT, SERVICE NO. 6 2C	FOOT	89		89
Δ87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO 6 1C	FOOT	878		878

05119 Sched Quant.dwg	USER NAME = Stephen G. Judiscak	DESIGNED - B.J.W.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - S.J.	REVISED -		600	05-00206-00-WR	ST. CLAIR	157	3		
	PLOT SCALE =	CHECKED - E.R.O.	REVISED -		CONTRACT NO. 97442			ILLINOIS FED. AID PROJECT			
	PLOT DATE = 3/26/2015	DATE - DATE	REVISED -		SCALE:	SHEET NO. 3 OF 157 SHEETS	STA. TO STA.				

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NOTE BOOK	
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SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
CODE NO.	ITEM	UNIT		ROADWAY	TRAFFIC SIGNALS/LIGHTING
Δ87502640	TRAFFIC SIGNAL POST, ALUMINUM 10 FT.	EACH	2		2
Δ87502680	TRAFFIC SIGNAL POST, ALUMINUM 14 FT.	EACH	1		1
Δ87502700	TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	4		4
Δ87700160	STEEL MAST ARM ASSEMBLY AND POLE, 24 FT.	EACH	1		1
Δ87700240	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	2		2
Δ87700260	STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	1		1
Δ87700270	STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1		1
Δ87800100	CONCRETE FOUNDATION, TYPE A	FOOT	18		18
Δ87800200	CONCRETE FOUNDATION, TYPE D	FOOT	6		6
Δ87800400	CONCRETE FOUNDATION, TYPE E, 30-INCH DIAMETER	FOOT	23.5		23.5
Δ87800415	CONCRETE FOUNDATION, TYPE E, 36-INCH DIAMETER	FOOT	52		52
Δ88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1		1
Δ88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	8		8
Δ88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1		1
Δ88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	8		8
Δ88040230	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2		2
Δ88040260	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1		1
Δ88040290	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1		1
Δ88040310	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 1-3 SECTION, 2-5 SECTION, BRACKET MOUNTED	EACH	2		2
Δ88040330	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 2-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	3		3
Δ88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	6		6
Δ88102845	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	6		6
Δ88200100	TRAFFIC SIGNAL BACKPLATE	EACH	16		16
Δ88500100	INDUCTIVE LOOP DETECTOR	EACH	13		13
Δ88600100	DETECTOR LOOP, TYPE 1	FOOT	2594		2594
Δ88800100	PEDESTRIAN PUSH-BUTTON	EACH	16		16
Δ89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1		1
Δ89502100	REBUILD EXISTING SIGNAL HEAD	EACH	2		2
Δ89502200	MODIFY EXISTING CONTROLLER	EACH	1		1
Δ89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	3		3
Δ89502380	REMOVE EXISTING HANDHOLE	EACH	8		8
Δ89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	13		13
ΔA2004516	TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 2" CALIPER, BALLED AND BURLAPPED	EACH	8	8	
ΔA2004620	TREE, GLEDITSIA TRIACANTHOS INERMIS (THORNLESS COMMON HONEY LOCUST), 2½" CALIPER, BALLED AND BURLAPPED	EACH	4	4	
ΔC2C03424	SHRUB, HYDRANGEA ARBORESCENS ANNABELLE (ANNABELLE SMOOTH HYDRANGEA), 2' HEIGHT CONTAINER	EACH	20	20	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
CODE NO.	ITEM	UNIT		ROADWAY	TRAFFIC SIGNALS/LIGHTING
ΔC2C041G5	SHRUB, ITEA VIRGINIA LITTLE HENRY (LITTLE HENRY VIRGINIA SWEETSPIRE), CONTAINER GROWN, 5-GALLON	EACH	16	16	
ΔC2C078G3	SHRUB, ROSA X KNOCK OUT (KNOCK OUT ROSE), CONTAINER GROWN, 3-GALLON	EACH	14	14	
ΔC2C09918	SHRUB, SPIREA X BUMALD A GOLDFLAME (GOLD FLAME BUMALD SPIREA), 18" HEIGHT, CONTAINER	EACH	12	12	
ΔD2C03518	EVERGREEN, TAXUS X MEDIA DENSIFORMIS (DENSE ANGLOJAPANESE YEW), 1 ½" WIDTH, CONTAINER	EACH	7	7	
ΔD2C03624	EVERGREEN, TAXUS X MEDIA HICKS II (HICKS ANGLOJAPANESE YEW) 2' WIDTH, CONTAINER	EACH	10	10	
ΔK0012980	PERENNIAL PLANTS, ORNAMENTAL TYPE, QUART POT	UNIT	.83	.83	
ΔK0013003	PERENNIAL PLANTS, PRAIRIE TYPE, 3" POT	UNIT	.08	.08	
*K1005482	SHREDDED BARK MULCH 4"	SQ YD	382.4	382.4	
*X0300266	WOODEN FENCE REMOVAL	FOOT	146	146	
*X0321501	WEED BARRIER FABRIC	SQ YD	382.4	382.4	
*X0326654	ORNAMENTAL LIGHT UNIT COMPLETE	EACH	39	39	39
*X0327235	LOCATING UNDERGROUND UTILITIES	FOOT	4518	4518	
*X6011605	PIPE DRAINS, 4" SPECIAL	FOOT	286	286	
*X6020019	INLETS, TYPE B, SPECIAL, TYPE 3V FRAME AND GRATE	EACH	6	6	
*X6020075	INLETS, TYPE B, TYPE 3V FRAME AND GRATE	EACH	14	14	
*X6020084	MANHOLE, SPECIAL	EACH	8	8	
*X6024504	INLETS, TYPE B, WITH FRAME AND GRATE SPECIAL	EACH	1	1	
*X6040205	FRAMES AND LIDS, SPECIAL	EACH	19	19	
*X6640300	CHAIN LINK FENCE REMOVAL	FOOT	66.7	66.7	
*X7240300	SIGN REMOVAL	EACH	12	12	
*X7240600	REMOVE AND RE-ERECT EXISTING SIGN	EACH	61	61	
*X8210677	LUMINAIRE, METAL HALIDE HORIZONTAL MOUNT 400 WATT, SPECIAL	EACH	12	12	12
*X8212160	LUMINAIRE, METAL HALIDE, HORIZONTAL MOUNT, 250 WATT (SPECIAL)	EACH	27	27	27
*X8870300	EMERGENCY VEHICLE PRIORITY SYSTEM	EACH	2	2	2
*Z0004002	BOLLARDS	EACH	8	8	
*Z0012450	CONCRETE STEPS	CU YD	8.1	8.1	
*Z0013302	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	399	399	
*Z0033046	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	3	3	3
*Z0036200	PAINT CURB	FOOT	140.9	140.9	
*XZ127900	RETAINING WALL REMOVAL	FOOT	281	281	
*87702335	STEEL MAST ARM ASSEMBLY AND POLE, WITH DUAL MAST ARMS 30 FT.	EACH	1	1	1

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
CODE NO.	ITEM	UNIT		ROADWAY	TRAFFIC SIGNALS/LIGHTING
ΔD2C.03825	EVERGREEN, THUJA PLICATA X STANDISHII (GREEN GIANT ARBORVITAE), 5' HEIGHT, CONTAINER GROWN	EACH	6	6	
ΔC2003810	SHRUB, ILEX XMESERVEAE 'MESOG' (CHINA GIRL HOLLY), 2" HEIGHT, CONTAINER GROWN	EACH	6	6	
*XX009035	VAULTS, TYPE 1	EACH	3	3	
*XX009036	VAULTS, TYPE 2	EACH	2	2	
*XX009037	POP-UP EMITTER	EACH	3	3	

NOTE: * INDICATES SPECIAL PROVISION Δ SPECIALTY ITEMS

SUMMARY OF QUANTITIES

05119 Sched Quant.dwg	USER NAME = Benedict J. Whelan	DESIGNED - B.J.W.	REVISED -
		DRAWN - S.J.	REVISED -
	PLOT SCALE =	CHECKED - E.R.O.	REVISED -
	PLOT DATE = 3/19/2015	DATE - DATE	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

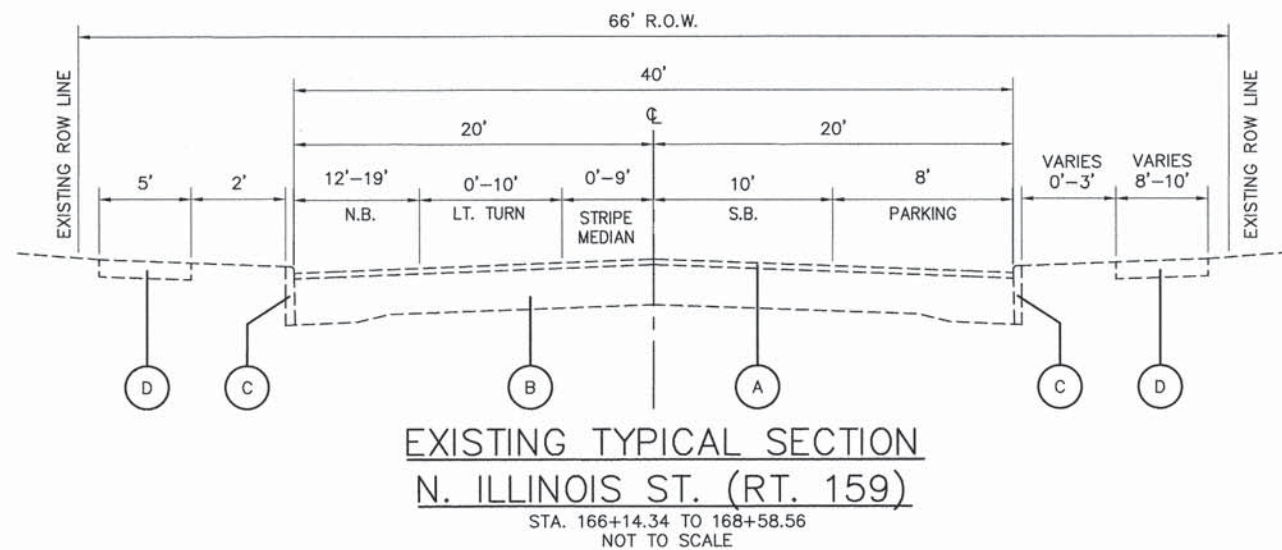
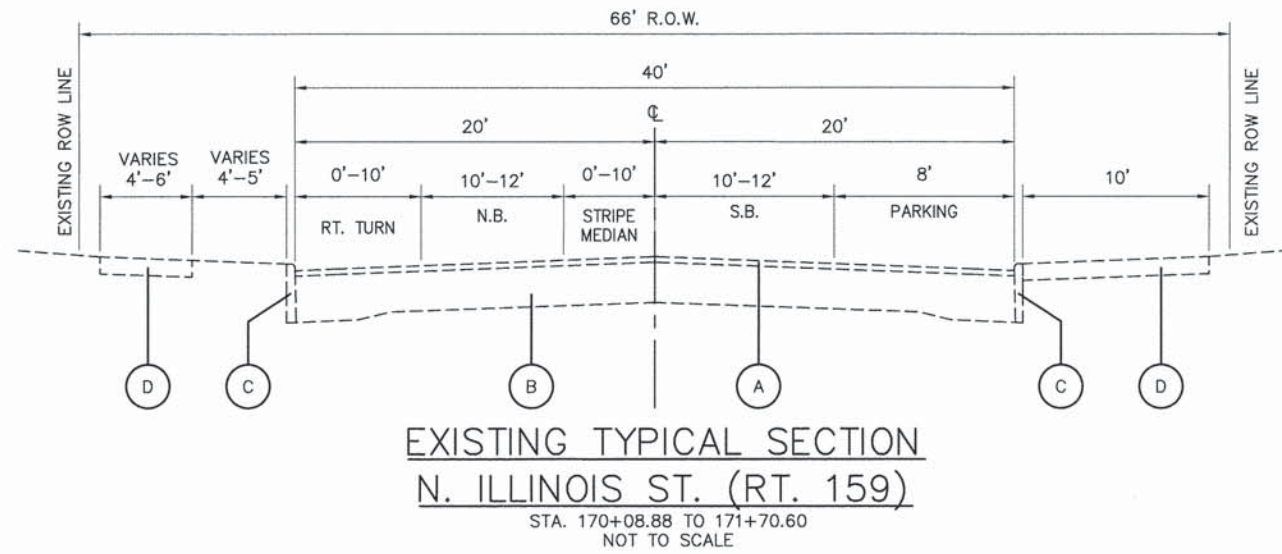
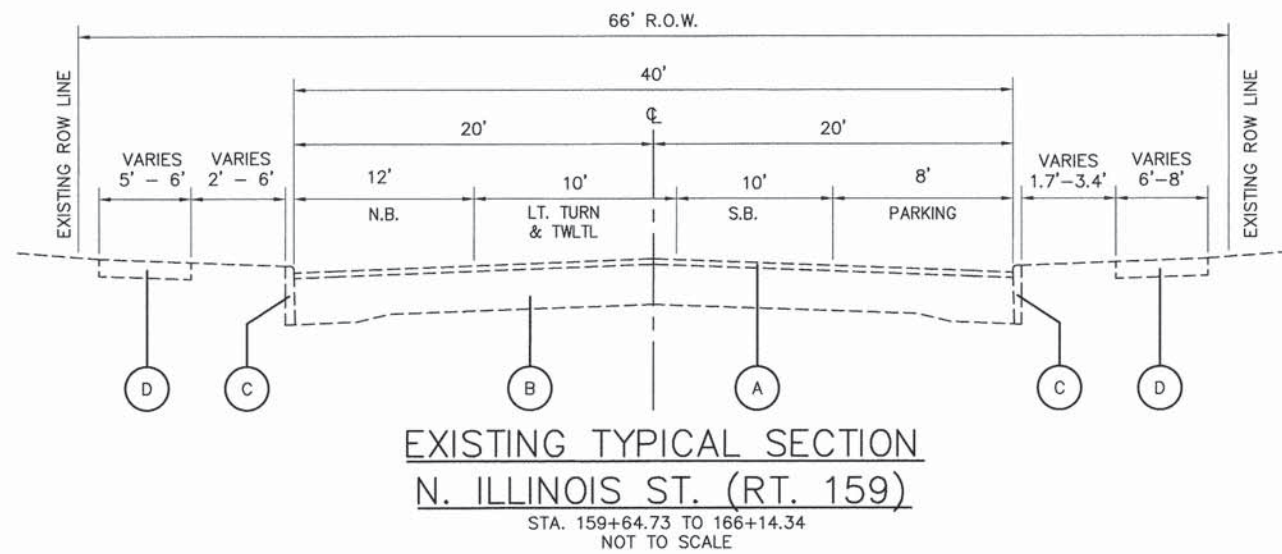
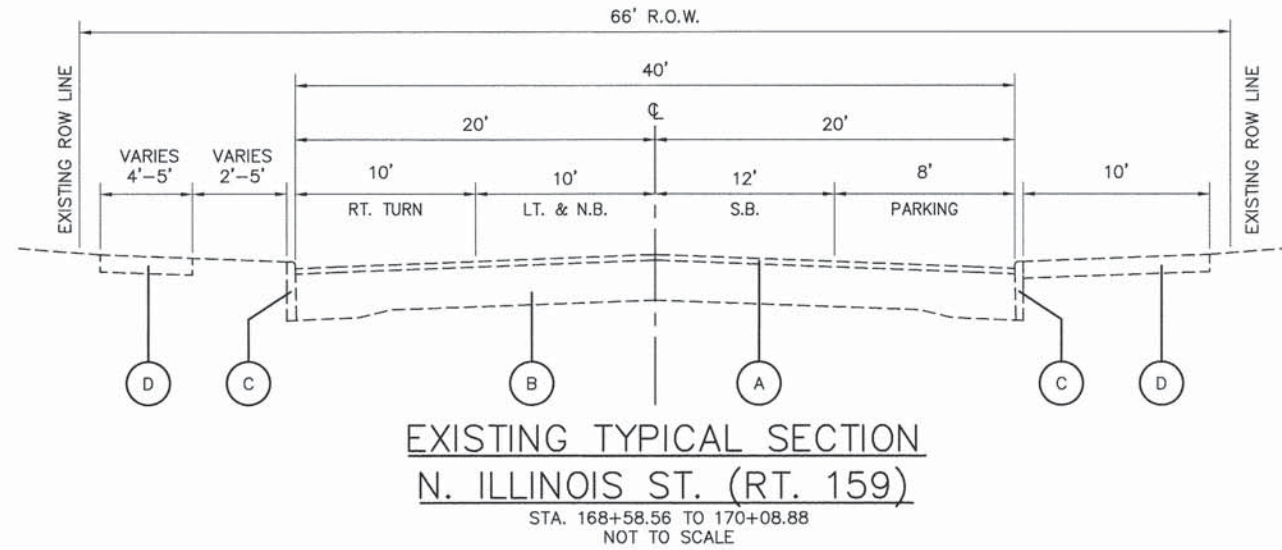
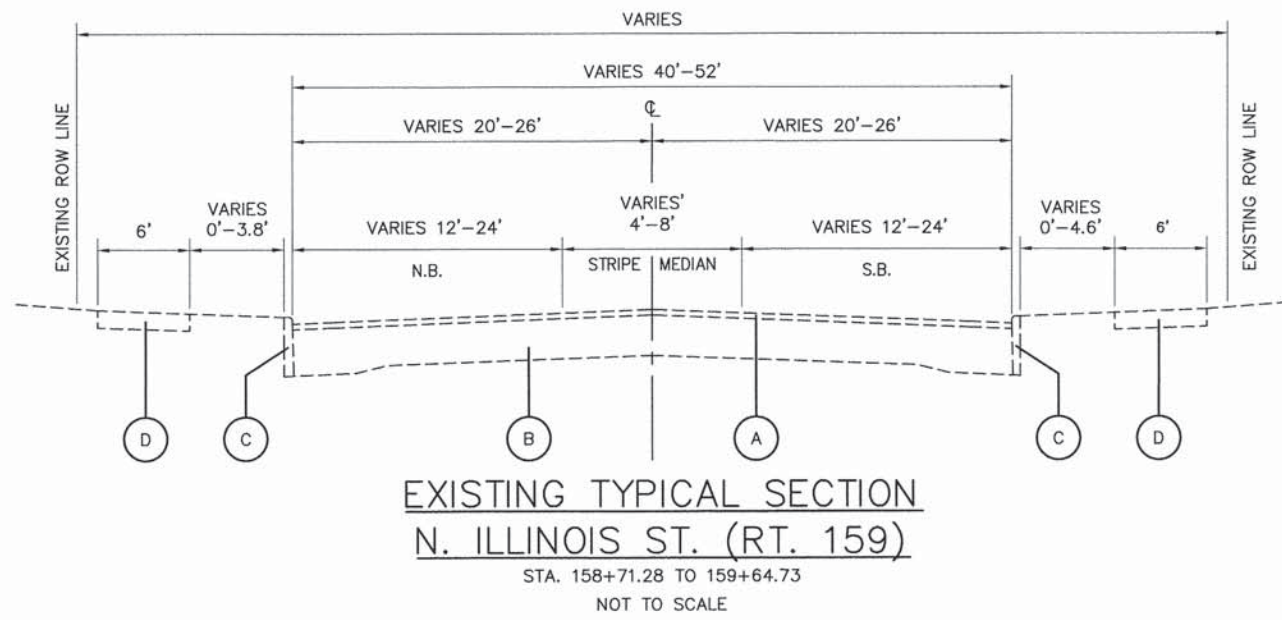
SUMMARY OF QUANTITIES

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	05-00206-00-WR	ST. CLAIR	157	4
CONTRACT NO. 97442				
ILLINOIS FED. AID PROJECT				

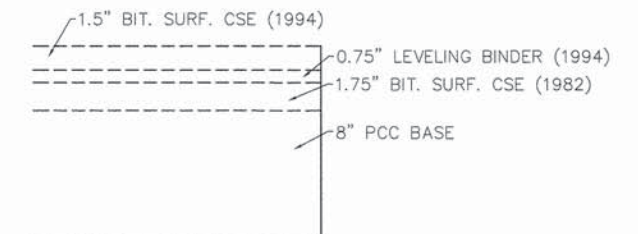
SCALE: SHEET NO. 4 OF 157 SHEETS STA. TO STA.

PLAN	REVISIONS	DATE
NO.	NO.	
	BY	
	CHECKED	
	PLOTTED	
	DATE	
	FILE NAME	

PROFILE	REVISIONS	DATE
NO.	NO.	
	BY	
	CHECKED	
	PLOTTED	
	DATE	
	FILE NAME	



- EXISTING**
- (A) EXISTING BITUMINOUS BINDER AND SURFACE (4")
 - (B) EXISTING CONCRETE PAVEMENT (10"-8"-10")
 - (C) EXISTING CONCRETE CURB
 - (D) EXISTING SIDEWALK
 - (E) EXISTING A-3 SURFACE TREATMENT
 - (F) EXISTING BITUMINOUS PAVEMENT



05119 Typ Sec r01.dwg

USER NAME = Cynthia J. Hermanns
 DRAWN - S.J.
 CHECKED - E.R.O.
 DATE - DATE
 PLOT SCALE =
 PLOT DATE = 2/13/2015

DESIGNED - B.J.W.
 DRAWN - S.J.
 CHECKED - E.R.O.
 DATE - DATE

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

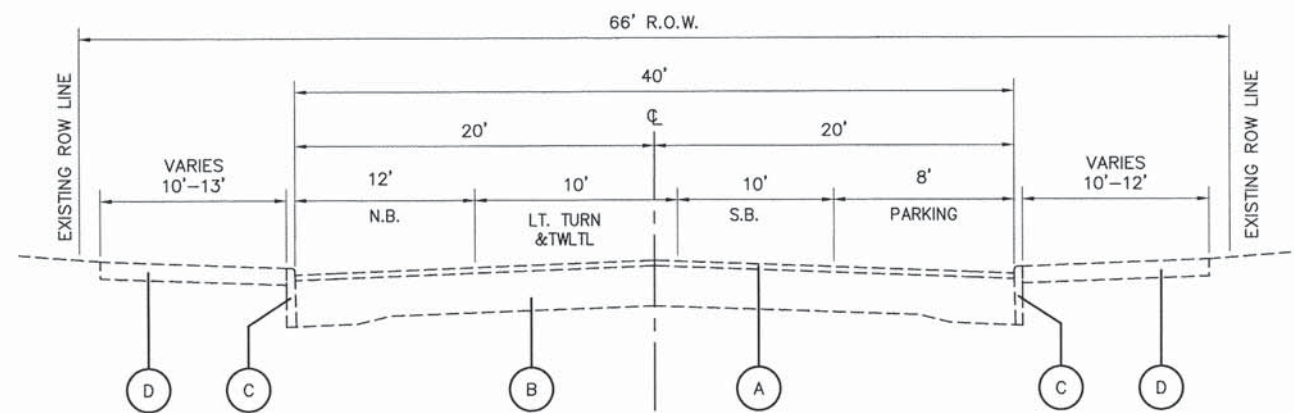
**EXISTING TYPICAL SECTIONS
ILLINOIS ROUTE 159**

SCALE: SHEET NO. OF 157 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	05-00206-00-WR	ST. CLAIR	157	5
CONTRACT NO. 97442				
ILLINOIS FED. AID PROJECT				

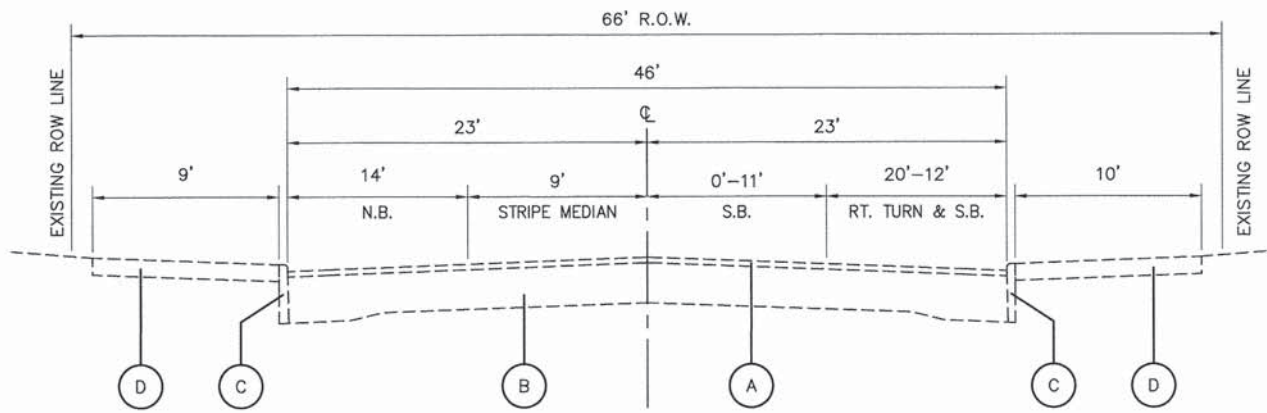
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NO.	NO.	
CHECKED ALIGNED PLOTTED DATE:		
BY:		
FILE NAME:		

PROFILE	REVISION	DATE
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CHECKED GRADES CHECKED E.M. NOTED STRUCTURE NOTATIONS CHFD		
BY:		



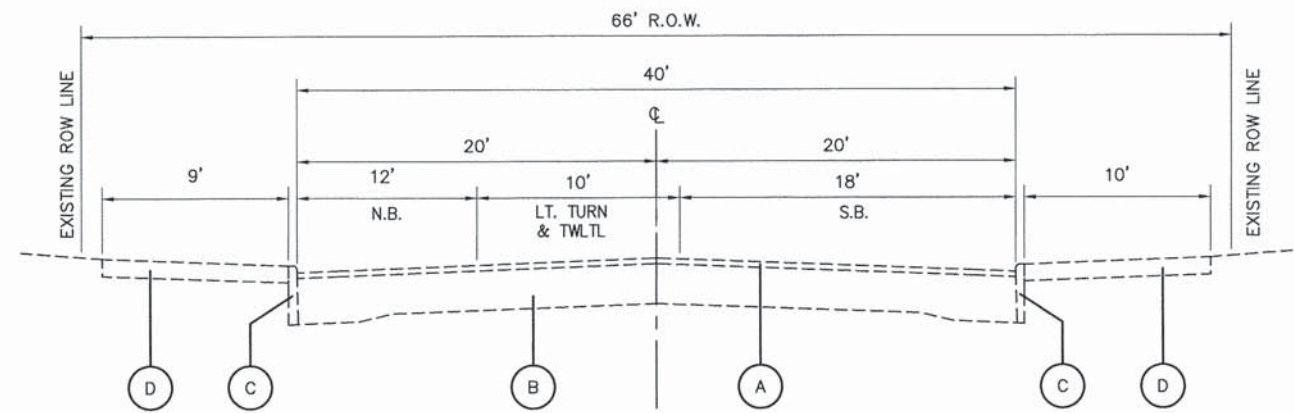
EXISTING TYPICAL SECTION
N. ILLINOIS ST. (RT. 159)

STA. 171+70.60 TO 179+46.60
NOT TO SCALE



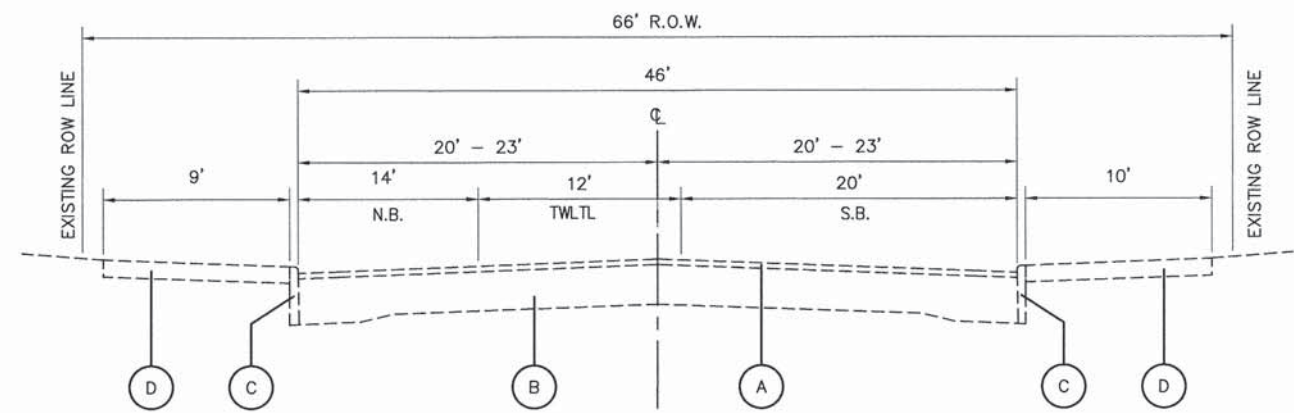
EXISTING TYPICAL SECTION
N. ILLINOIS ST. (RT. 159)

STA. 181+44.60 TO 183+76.21
NOT TO SCALE



EXISTING TYPICAL SECTION
N. ILLINOIS ST. (RT. 159)

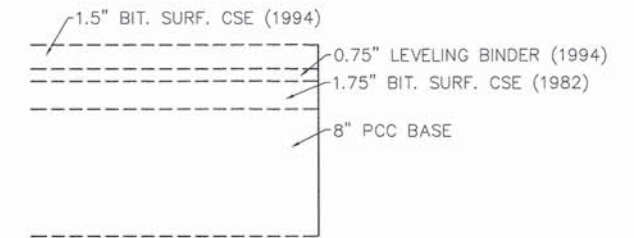
STA. 179+46.60 TO 180+58.30
NOT TO SCALE



EXISTING TYPICAL SECTION
N. ILLINOIS ST. (RT. 159)

STA. 180+58.30 TO 181+44.60
NOT TO SCALE

- EXISTING**
- (A) EXISTING BITUMINOUS BINDER AND SURFACE (4")
 - (B) EXISTING CONCRETE PAVEMENT (10"-8"-10")
 - (C) EXISTING CONCRETE CURB
 - (D) EXISTING SIDEWALK
 - (E) EXISTING A-3 SURFACE TREATMENT
 - (F) EXISTING BITUMINOUS PAVEMENT



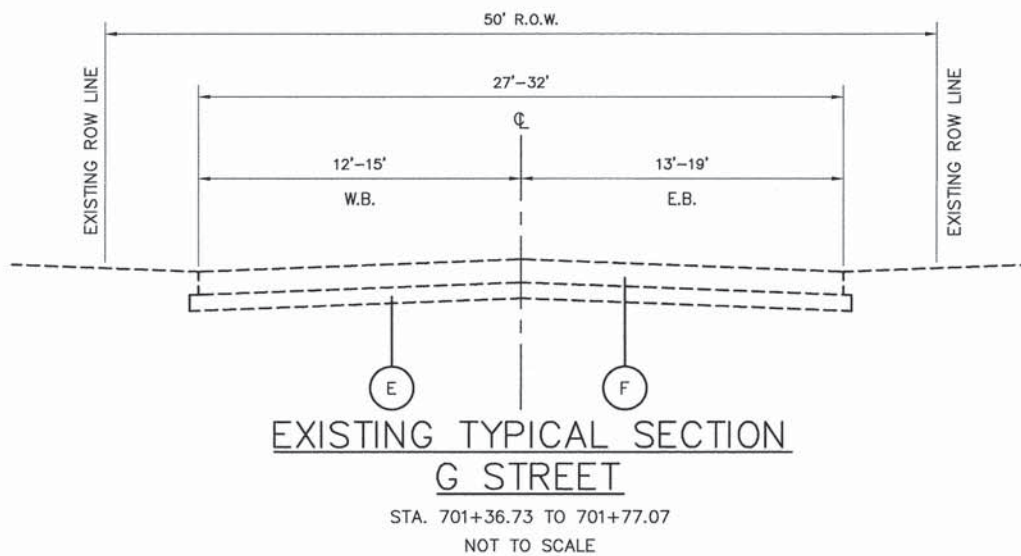
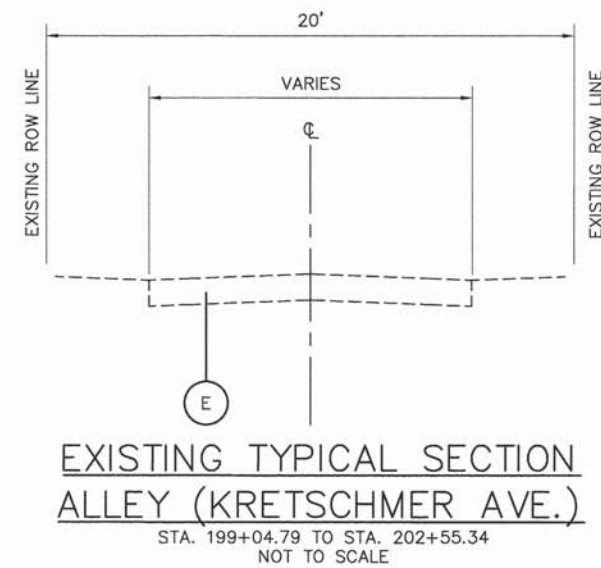
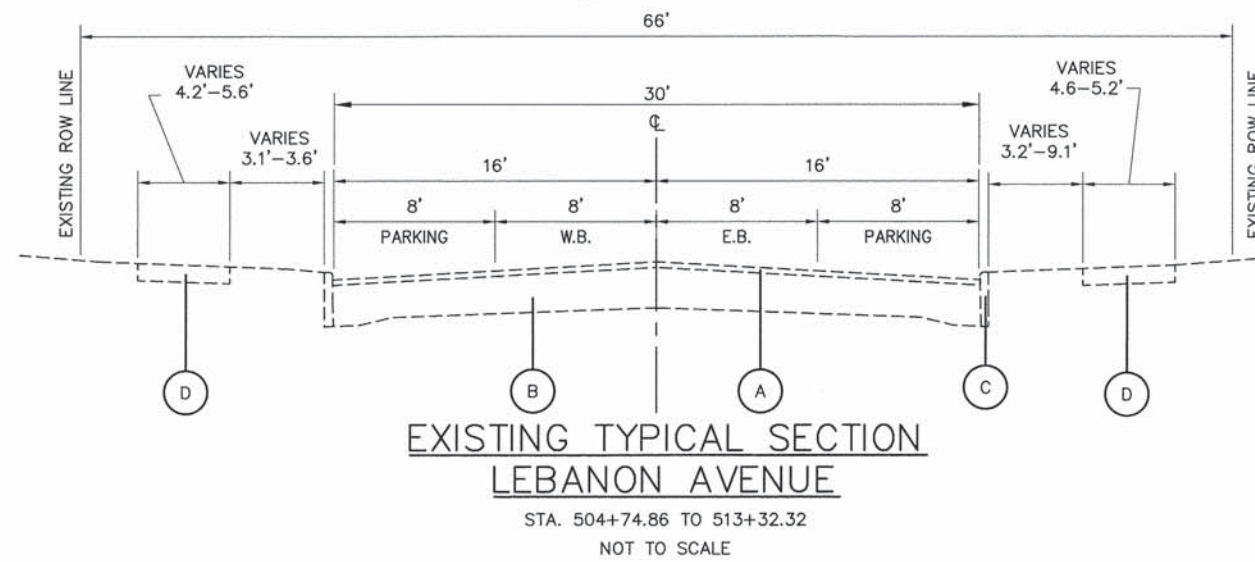
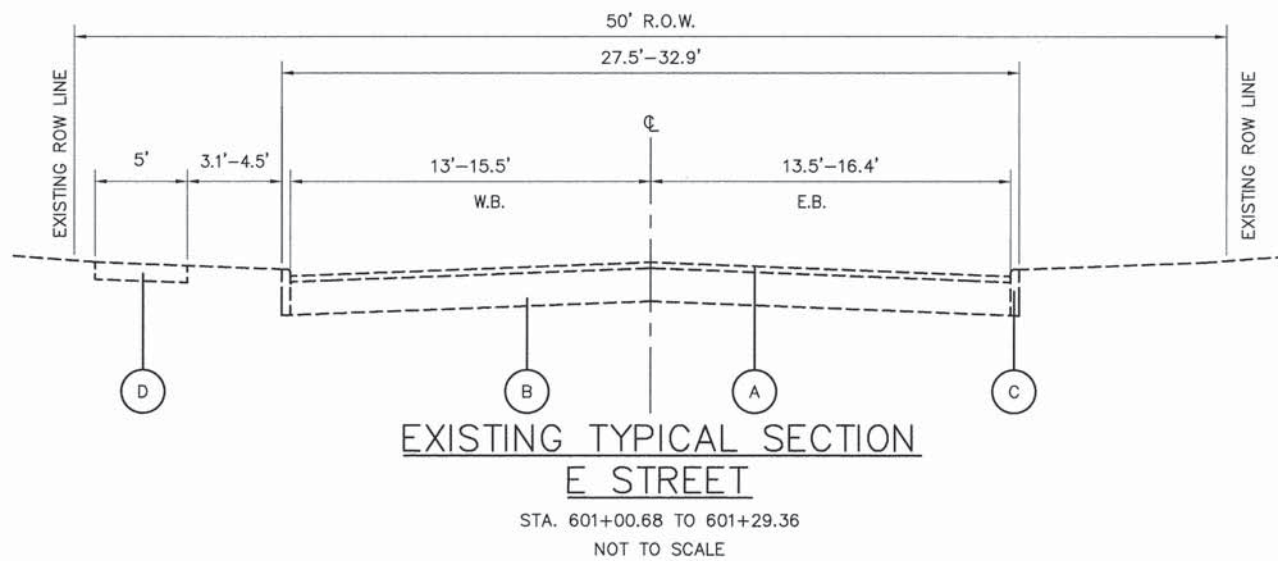
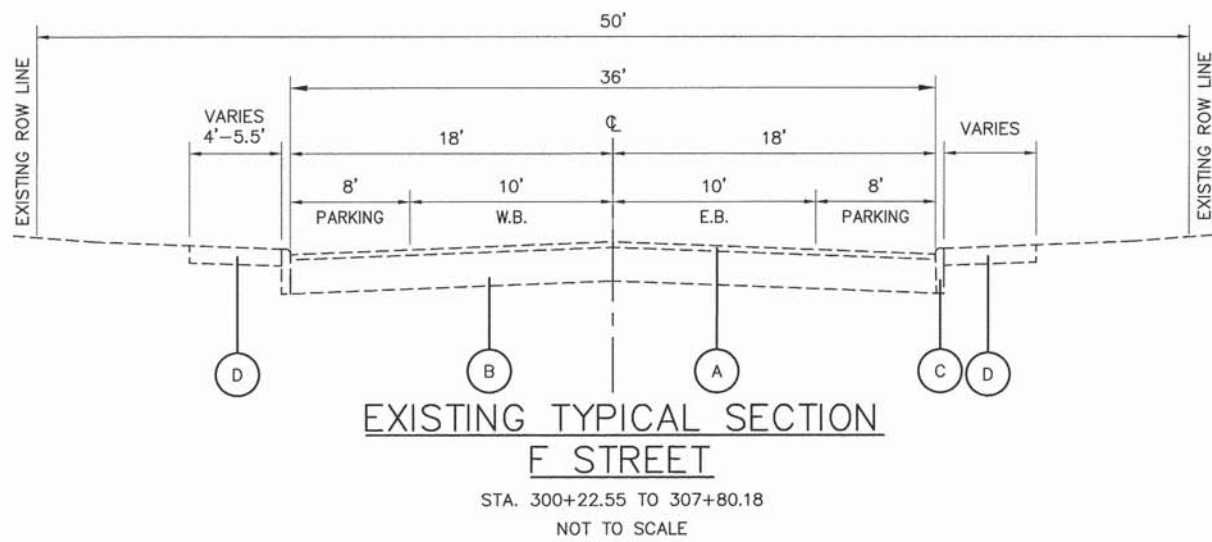
EXISTING PAVEMENT SECTION
N. ILLINOIS ST. (RT. 159)

NOT TO SCALE

05119 Typ Sec r01.dwg	USER NAME = Cynthia J. Hermanns	DESIGNED - B.J.W.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL SECTIONS ILLINOIS ROUTE 159			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	DRAWN - S.J.	REVISED -		600	05-00206-00-WR	ST. CLAIR	157	6			
PLOT DATE = 2/13/2015	CHECKED - E.R.O.	REVISED -			SCALE:	SHEET NO. OF 157 SHEETS	STA.	TO STA.	CONTRACT NO. 97442			
	DATE - DATE	REVISED -							ILLINOIS FED. AID PROJECT			

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

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



- EXISTING**
- (A) EXISTING BITUMINOUS BINDER AND SURFACE (4")
 - (B) EXISTING CONCRETE PAVEMENT (10"-8"-10")
 - (C) EXISTING CONCRETE CURB
 - (D) EXISTING SIDEWALK
 - (E) EXISTING A-3 SURFACE TREATMENT
 - (F) EXISTING BITUMINOUS PAVEMENT

05119 Typ Sec r01.dwg

USER NAME = Cynthia J. Hermanns
 PLOT SCALE =
 PLOT DATE = 2/13/2015

DESIGNED - B.J.W.
 DRAWN - S.J.
 CHECKED - E.R.O.
 DATE - DATE

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

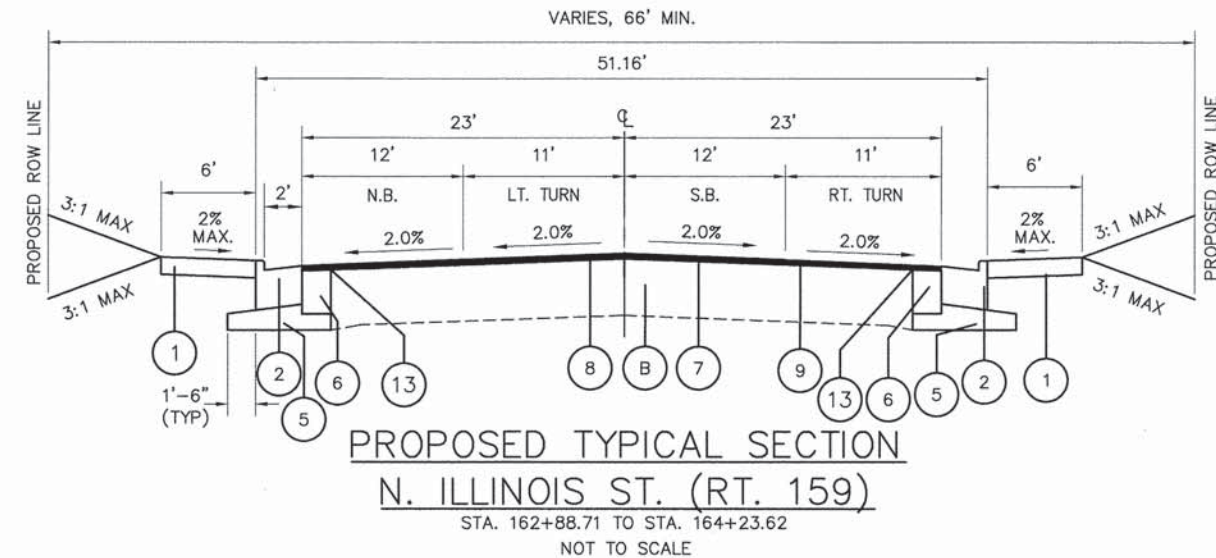
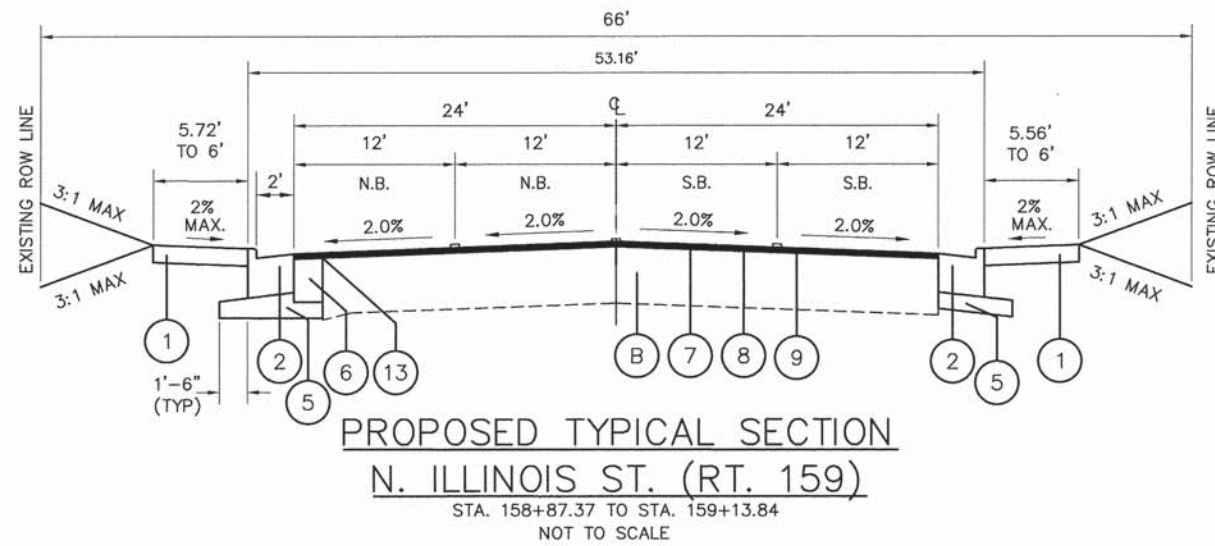
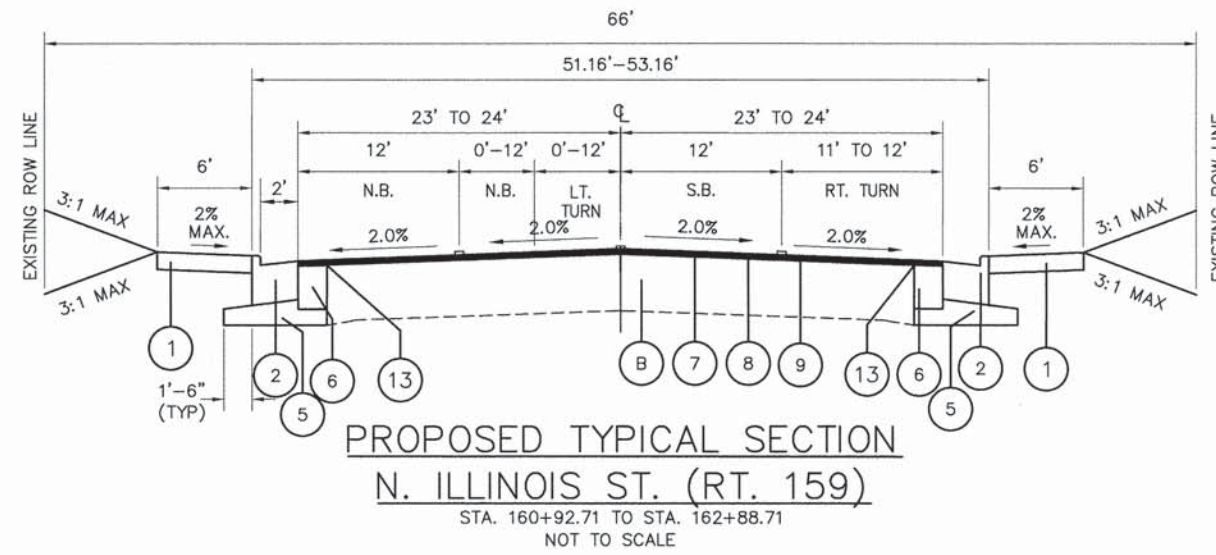
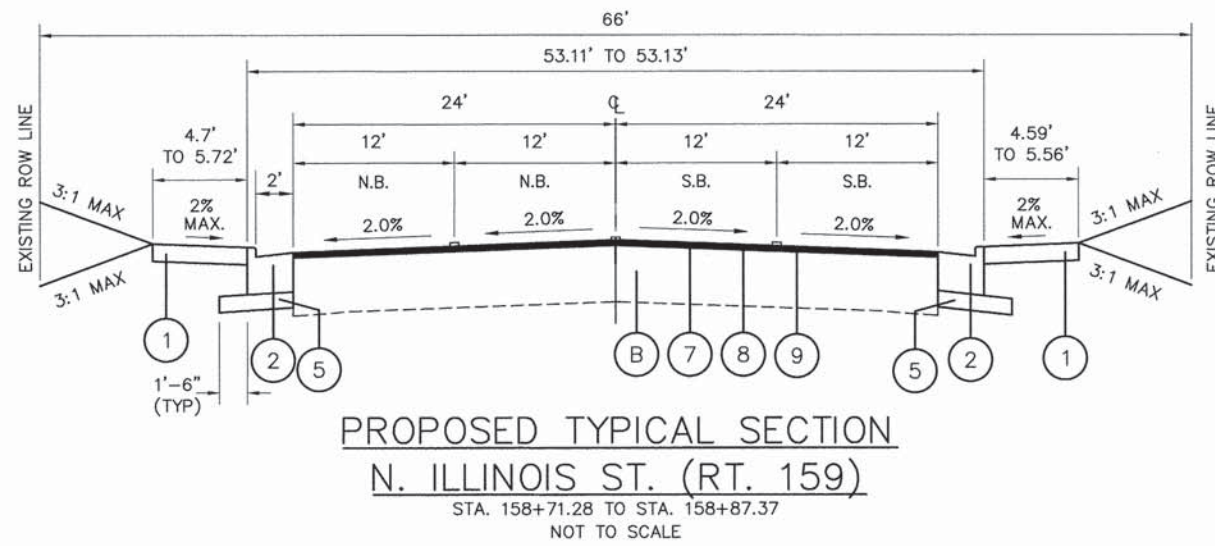
**EXISTING TYPICAL SECTIONS
 F STREET, LEBANON AVENUE & SIDE STREETS**

SCALE: SHEET NO. OF 157 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	05-00206-00-WR	ST. CLAIR	157	7
				CONTRACT NO. 97442
ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISIONS	
PLANNED	
DESIGNED	
CHECKED	
NOTED	
NO.	

DATE	
BY	
REVISIONS	
PLANNED	
DESIGNED	
CHECKED	
NOTED	
NO.	



NOTE:
 TIE BARS TO BE PLACED AS PER
 DETAIL ON SHEET 126 IN ALL AREAS
 OF PROPOSED PAVEMENT WIDENING

PAVEMENT STRUCTURAL DESIGN
ILLINOIS ROUTE 159

PAVEMENT TYPE: COMPOSITE
 ROADWAY CLASSIFICATION: CLASS II ROADS AND STREETS
 DESIGN SPEED: 35 MPH
 DESIGN PERIOD: 20 YEARS
 TRAFFIC DATA: ADT₀ = 20,000
 ADT₁₀ = 23,550
 ADT₂₀ = 27,700
 STRUCTURAL DESIGN TRAFFIC: 88% PU = 10,362
 7% SU = 824
 5% MU = 589
 TRAFFIC FACTOR: 3.69
 SUBGRADE SUPPORT RATING (SSR) = POOR

EXISTING

- (A) EXISTING BITUMINOUS BINDER AND SURFACE (4")
- (B) EXISTING CONCRETE PAVEMENT (10"-8"-10")
- (C) EXISTING CONCRETE CURB
- (D) EXISTING SIDEWALK
- (E) EXISTING A-3 SURFACE TREATMENT
- (F) EXISTING BITUMINOUS PAVEMENT

PROPOSED

- (1) PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK,
- (2) PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (3) PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A, 8"
- (4) PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A, 12"
- (5) PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A (4" MIN.)
- (6) PROPOSED PCC BASE COURSE, 9"
- (7) MILL EXISTING BITUMINOUS BINDER AND SURFACE, 2 1/2"
- (8) PROPOSED HOT-MIX ASPHALT LEVELING BINDER, 1"
- (9) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"
- (10) PROPOSED HOT-MIX ASPHALT BINDER COURSE, 2 1/4"
- (11) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"
- (12) PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 10" (1 1/2" SURFACE COURSE, 8 1/2" BINDER COURSE)
- (13) STRIP REFLECTIVE CRACK CONTROL TREATMENT
- (14) PROPOSED AGGREGATE SHOULDERS, TYPE B, 6"

05119 Typ Sec r01.dwg

USER NAME = Cynthia J. Hermanns
 PLOT SCALE =
 PLOT DATE = 2/13/2015

DESIGNED - B.J.W.
 DRAWN - S.J.
 CHECKED - E.R.O.
 DATE - DATE

REVISED -
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 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

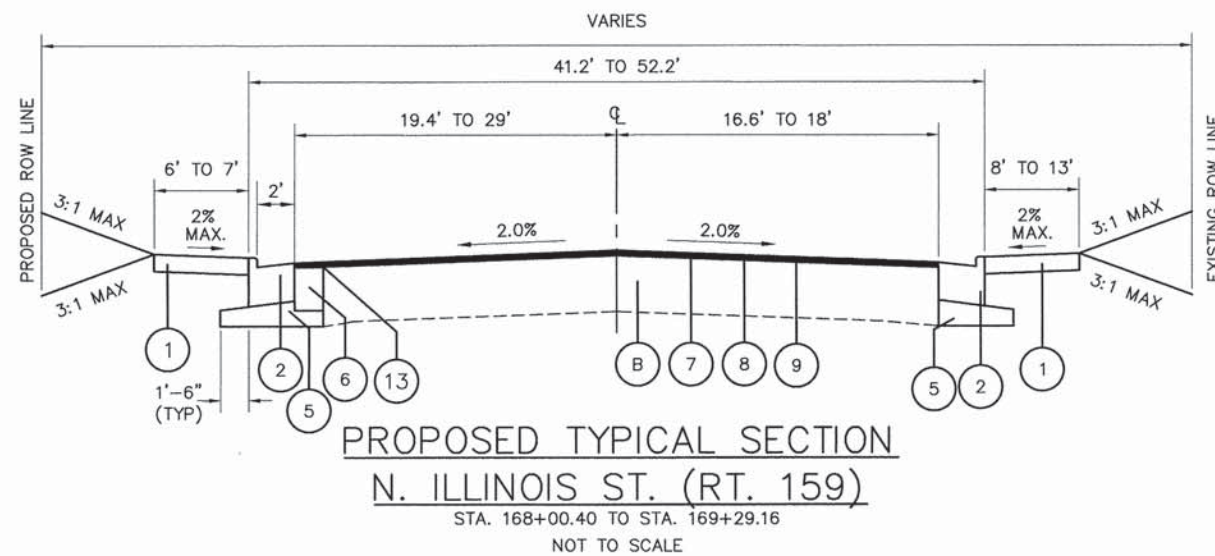
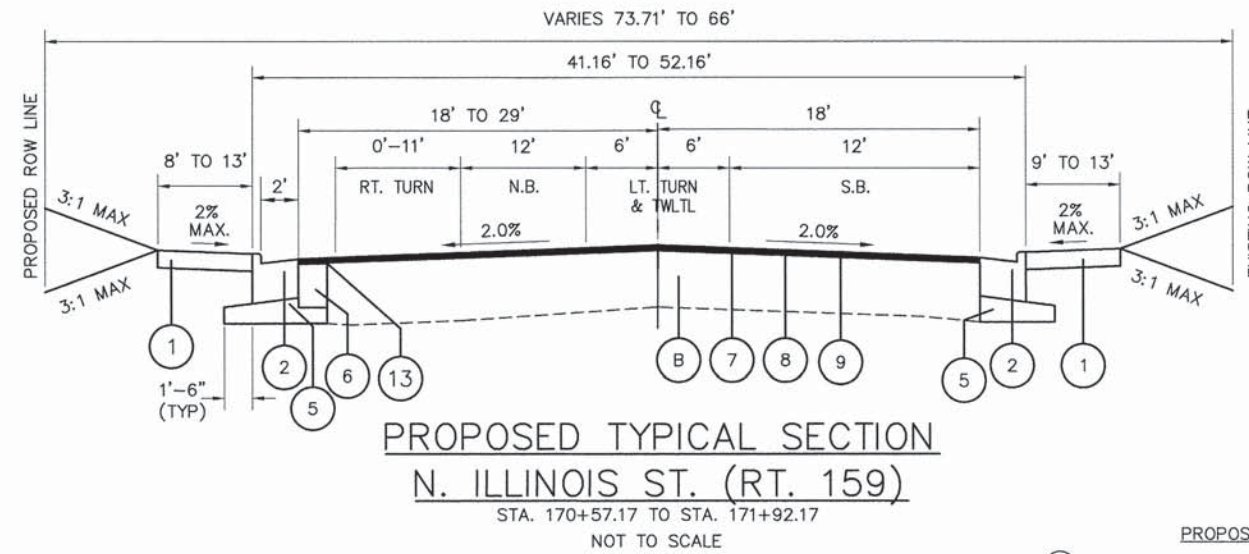
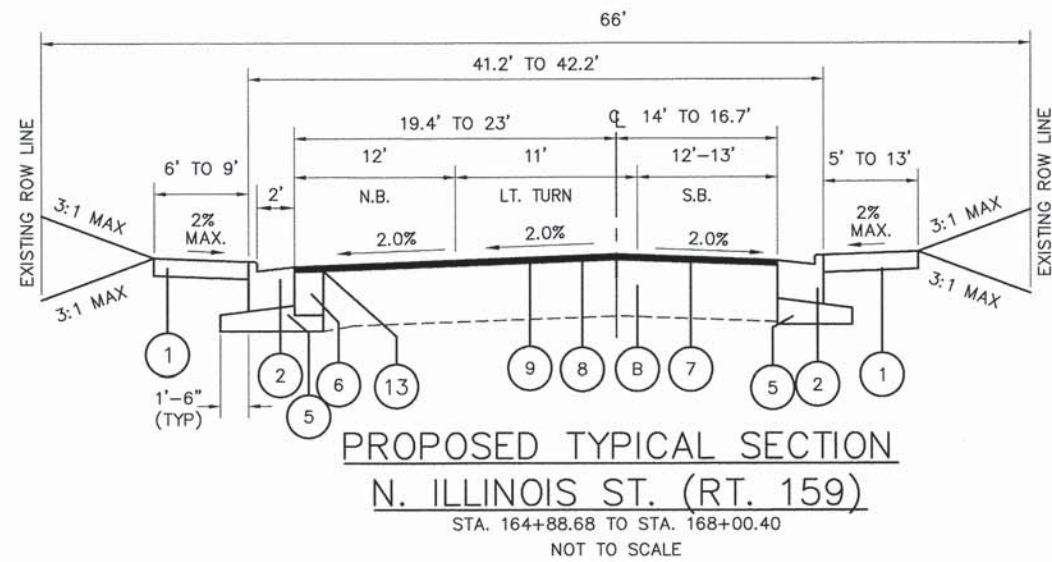
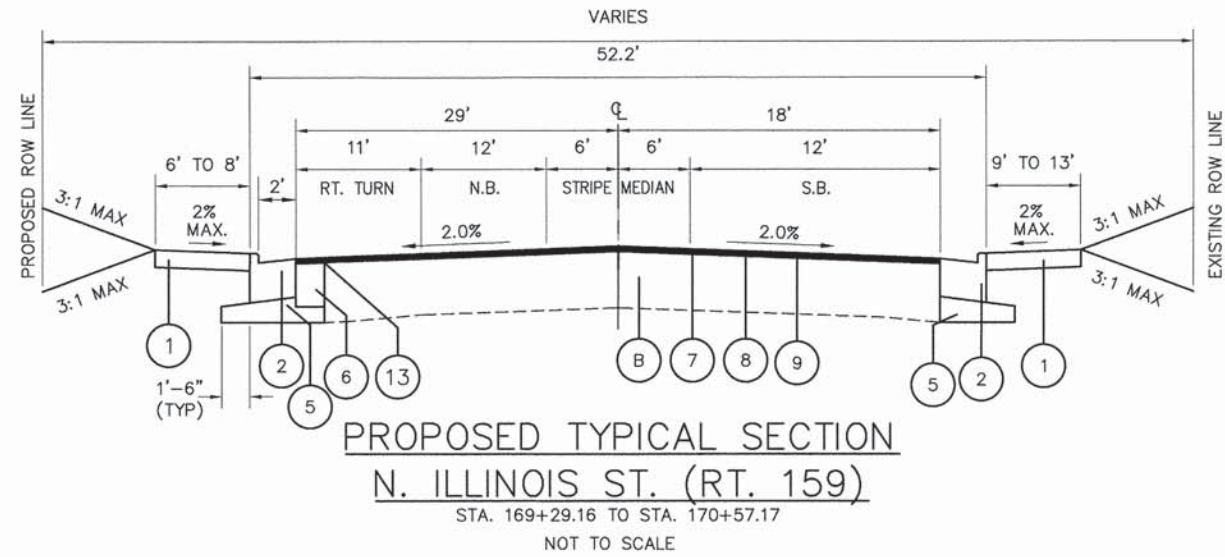
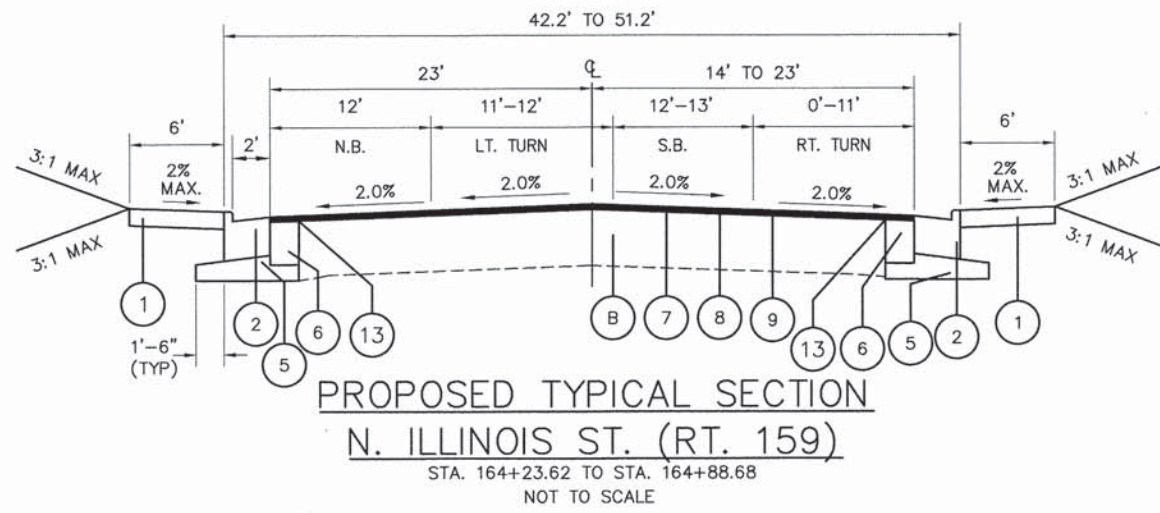
PROPOSED TYPICAL SECTIONS
ILLINOIS ROUTE 159

SCALE: SHEET NO. OF 157 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	05-00206-00-WR	ST. CLAIR	157	8
CONTRACT NO. 97442				
ILLINOIS FED. AID PROJECT				

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

DATE	
BY	
REVISIONS	
PLANNED	
ALIGNED	
CHECKED	
DESIGNED	
NO. FILE NAME	
PROFILE	
NOTE BOOK	
NO.	



NOTE:
 TIE BARS TO BE PLACED AS PER
 DETAIL ON SHEET 126 IN ALL AREAS
 OF PROPOSED PAVEMENT WIDENING

- EXISTING**
- (A) EXISTING BITUMINOUS BINDER AND SURFACE (4")
 - (B) EXISTING CONCRETE PAVEMENT (10"-8"-10")
 - (C) EXISTING CONCRETE CURB
 - (D) EXISTING SIDEWALK
 - (E) EXISTING A-3 SURFACE TREATMENT
 - (F) EXISTING BITUMINOUS PAVEMENT

- PROPOSED**
- (1) PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK,
 - (2) PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - (3) PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A, 8"
 - (4) PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A, 12"
 - (5) PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A (4" MIN.)
 - (6) PROPOSED PCC BASE COURSE, 9"
 - (7) MILL EXISTING BITUMINOUS BINDER AND SURFACE, 2 1/2"
 - (8) PROPOSED HOT-MIX ASPHALT LEVELING BINDER, 1"
 - (9) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"
 - (10) PROPOSED HOT-MIX ASPHALT BINDER COURSE, 2 1/2"
 - (11) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"
 - (12) PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 10" (1 1/2" SURFACE COURSE, 8 1/2" BINDER COURSE)
 - (13) STRIP REFLECTIVE CRACK CONTROL TREATMENT
 - (14) PROPOSED AGGREGATE SHOULDERS, TYPE B, 6"

05119 Typ Sec r01.dwg

USER NAME = Cynthia J. Hermanns
 DESIGNED - B.J.W.
 DRAWN - S.J.
 CHECKED - E.R.O.
 DATE - DATE
 PLOT SCALE =
 PLOT DATE = 2/13/2015

DESIGNED - B.J.W.
 DRAWN - S.J.
 CHECKED - E.R.O.
 DATE - DATE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

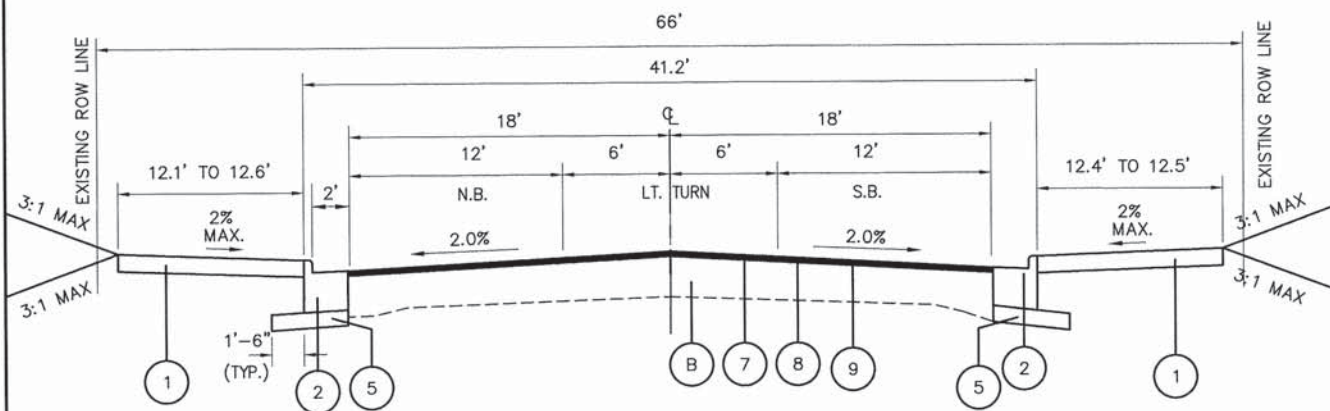
PROPOSED TYPICAL SECTIONS
ILLINOIS ROUTE 159

SCALE: SHEET NO. OF 157 SHEETS STA. TO STA.

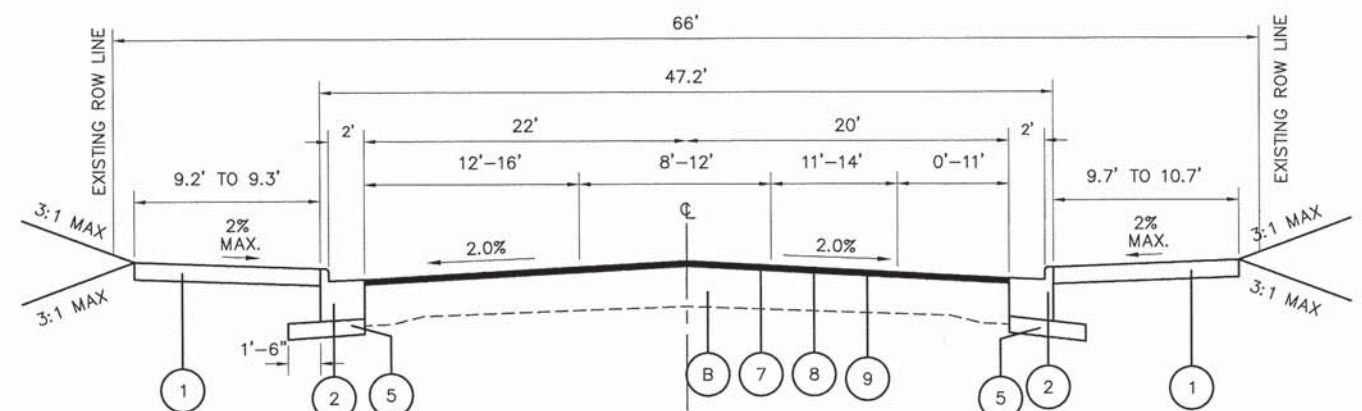
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	05-00206-00-WR	ST. CLAIR	157	9
CONTRACT NO. 97442				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
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ALIGNED	
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PLAN	
NOTE BOOK	
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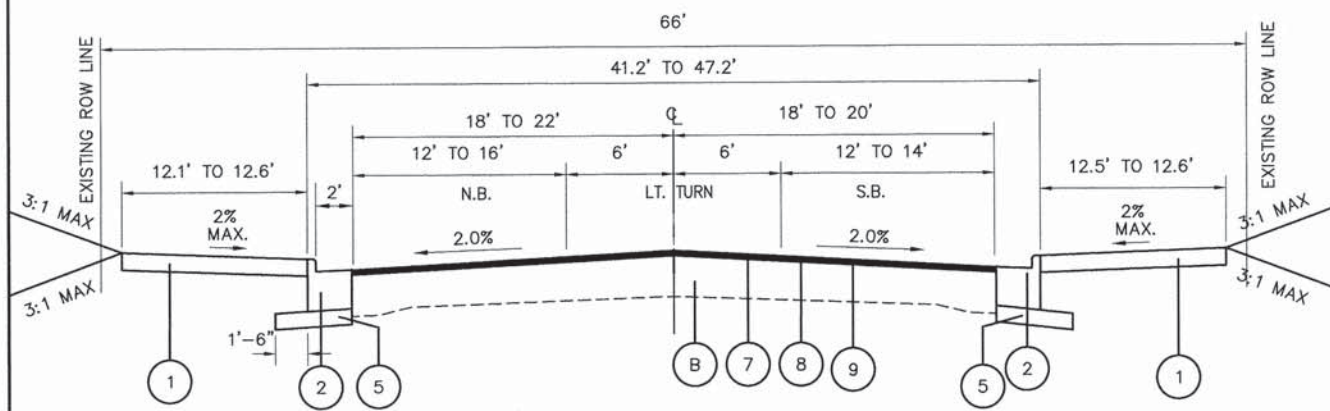
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BY	
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PROFILE	
NOTE BOOK	
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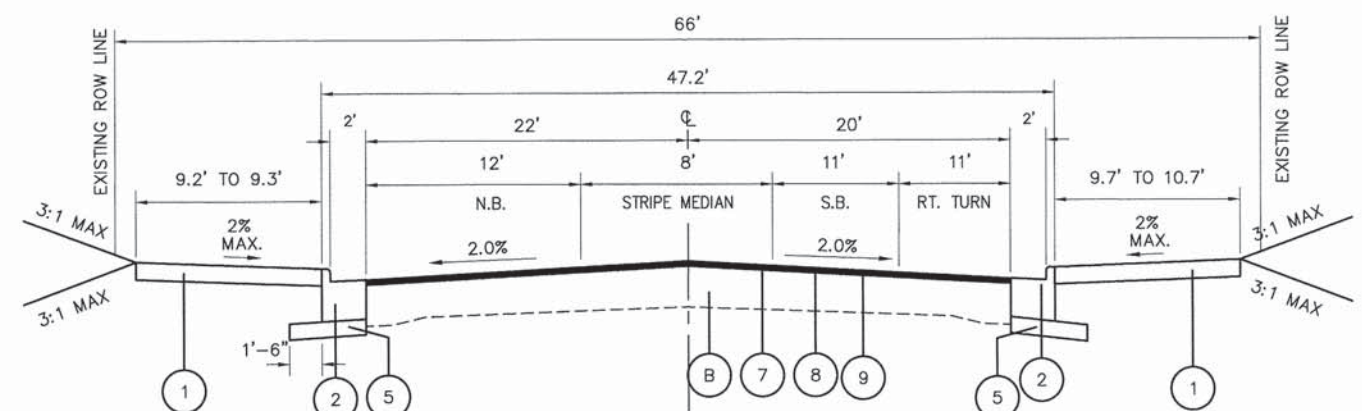
PROPOSED TYPICAL SECTION
 N. ILLINOIS ST. (RT. 159)
 STA. 171+92.17 TO STA. 180+27.78
 NOT TO SCALE



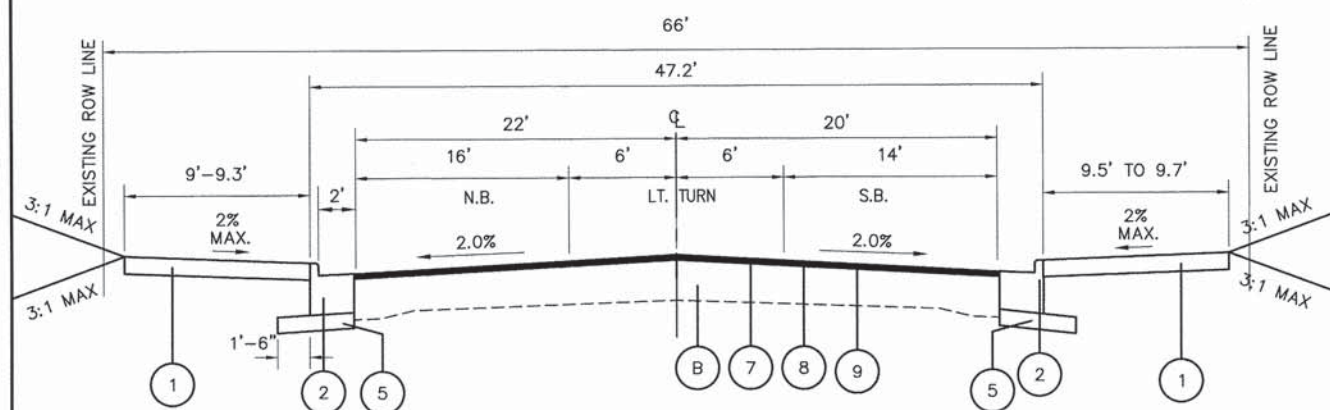
PROPOSED TYPICAL SECTION
 N. ILLINOIS ST. (RT. 159)
 STA. 181+22.64 TO STA. 182+22.64
 NOT TO SCALE



PROPOSED TYPICAL SECTION
 N. ILLINOIS ST. (RT. 159)
 STA. 180+27.78 TO STA. 180+87.96
 NOT TO SCALE



PROPOSED TYPICAL SECTION
 N. ILLINOIS ST. (RT. 159)
 STA. 182+22.64 TO STA. 183+76.21
 NOT TO SCALE



PROPOSED TYPICAL SECTION
 N. ILLINOIS ST. (RT. 159)
 STA. 180+87.96 TO STA. 181+22.64
 NOT TO SCALE

- PROPOSED**
- ① PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK,
 - ② PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - ③ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A, 8"
 - ④ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A, 12"
 - ⑤ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A (4" MIN.)
 - ⑥ PROPOSED PCC BASE COURSE, 9"
 - ⑦ MILL EXISTING BITUMINOUS BINDER AND SURFACE, 2 1/2"
 - ⑧ PROPOSED HOT-MIX ASPHALT LEVELING BINDER, 1"
 - ⑨ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"
 - ⑩ PROPOSED HOT-MIX ASPHALT BINDER COURSE, 2 1/4"
 - ⑪ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 1 1/4"
 - ⑫ PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 10" (1 1/2" SURFACE COURSE, 8 1/2" BINDER COURSE)
 - ⑬ STRIP REFLECTIVE CRACK CONTROL TREATMENT
 - ⑭ PROPOSED AGGREGATE SHOULDERS, TYPE B, 6"

- EXISTING**
- (A) EXISTING BITUMINOUS BINDER AND SURFACE (4")
 - (B) EXISTING CONCRETE PAVEMENT (10"-8"-10")
 - (C) EXISTING CONCRETE CURB
 - (D) EXISTING SIDEWALK
 - (E) EXISTING A-3 SURFACE TREATMENT
 - (F) EXISTING BITUMINOUS PAVEMENT

05119 Typ Sec r01.dwg

USER NAME = Cynthia J. Hermans	DESIGNED - B.J.W.	REVISED -
	DRAWN - S.J.	REVISED -
PLOT SCALE =	CHECKED - E.R.O.	REVISED -
PLOT DATE = 2/13/2015	DATE - DATE	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

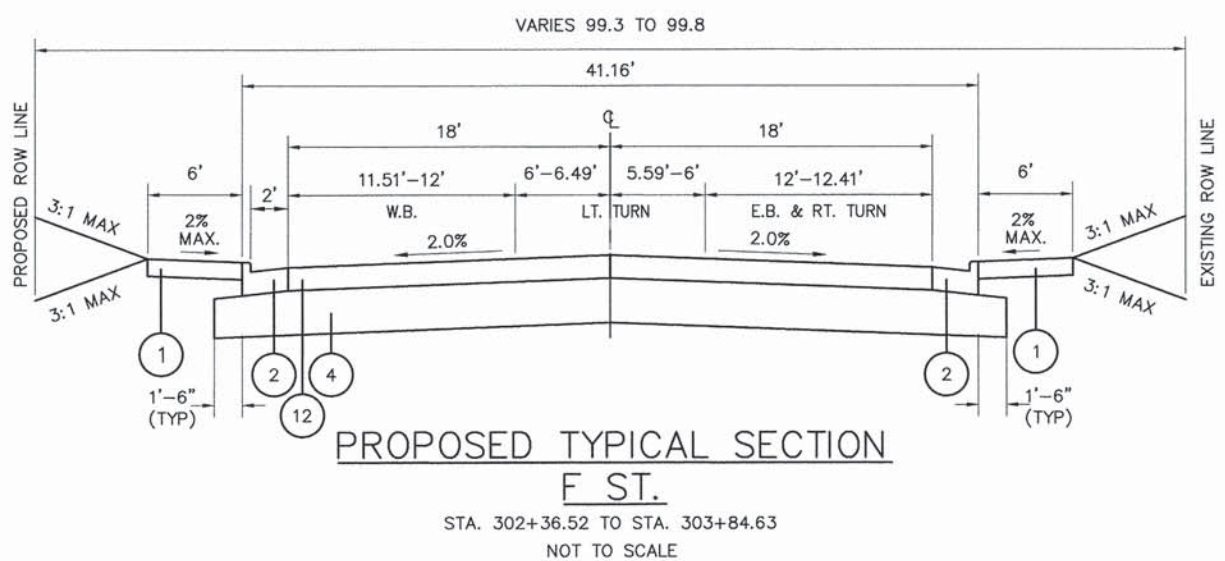
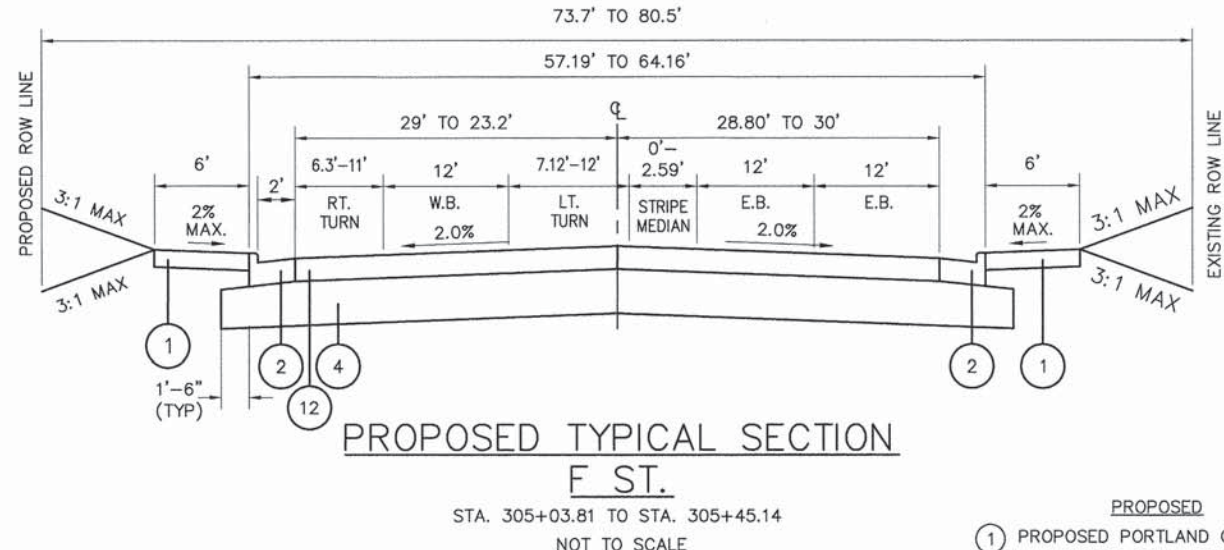
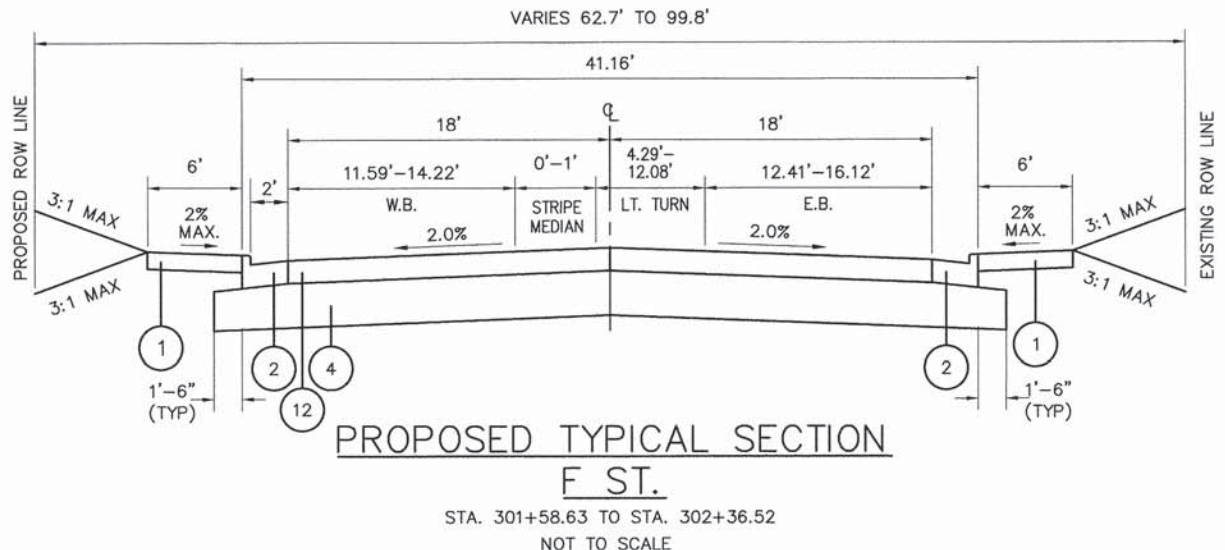
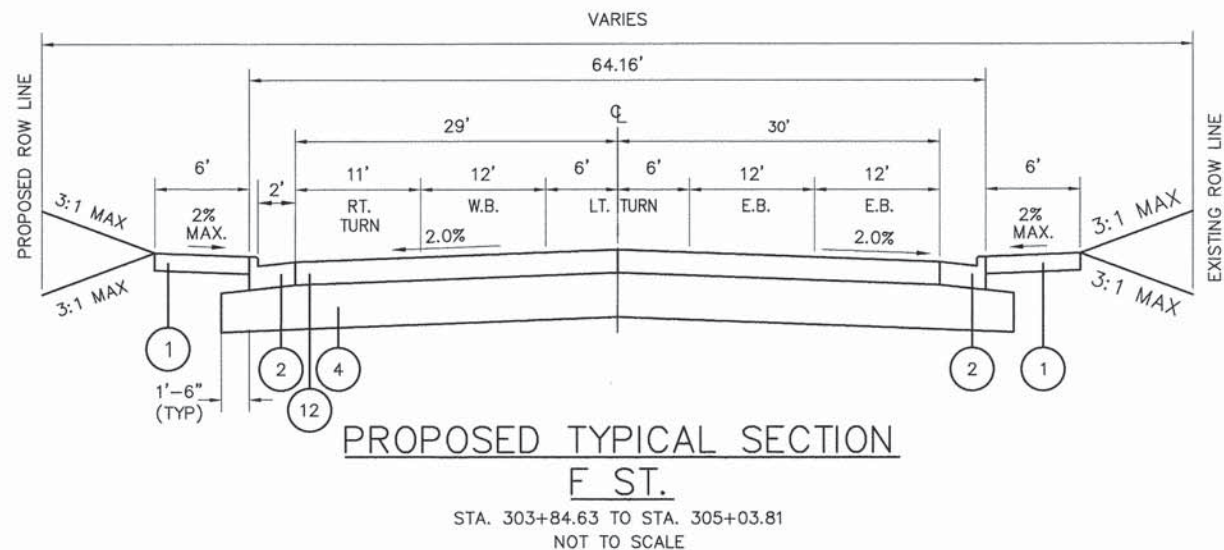
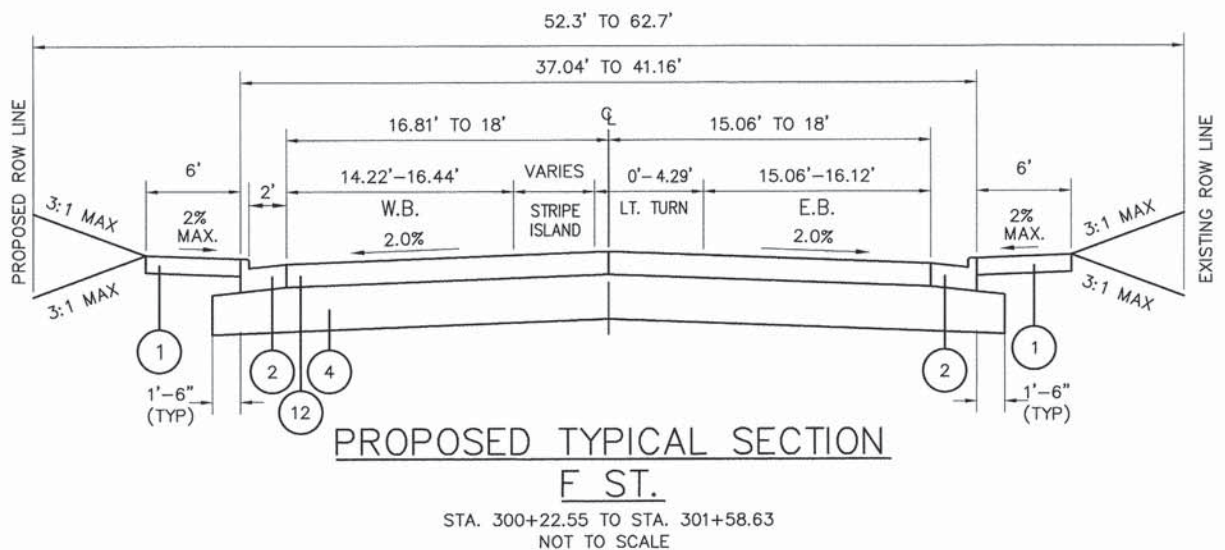
**PROPOSED TYPICAL SECTIONS
 ILLINOIS ROUTE 159**

SCALE: SHEET NO. OF 157 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	05-00206-00-WR	ST. CLAIR	157	10
CONTRACT NO. 97442				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FILE NO.	
SURVEYED	
GRADES CHECKED	
ALIGNED	
NOTED	
STRUCTURE	
NOTATIONS	
CRWD	

DATE	
BY	
FILE NO.	
SURVEYED	
GRADES CHECKED	
ALIGNED	
NOTED	
STRUCTURE	
NOTATIONS	
CRWD	



**PAVEMENT STRUCTURAL DESIGN
F STREET**

PAVEMENT TYPE: FULL DEPTH ASPHALT
 ROADWAY CLASSIFICATION: CLASS II ROADS AND STREETS
 DESIGN SPEED: 35 MPH
 DESIGN PERIOD: 20 YEARS
 TRAFFIC DATA: ADT₀ = 3820
 ADT₁₀ = 4890
 ADT₂₀ = 6260
 STRUCTURAL DESIGN TRAFFIC: 88% PU = 2152
 7% SU = 171
 5% MU = 122
 TRAFFIC FACTOR: 0.67
 SUBGRADE SUPPORT RATING (SSR) = POOR

- EXISTING**
- (A) EXISTING BITUMINOUS BINDER AND SURFACE (4")
 - (B) EXISTING CONCRETE PAVEMENT (10"-8"-10")
 - (C) EXISTING CONCRETE CURB
 - (D) EXISTING SIDEWALK
 - (E) EXISTING A-3 SURFACE TREATMENT
 - (F) EXISTING BITUMINOUS PAVEMENT

- PROPOSED**
- (1) PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK,
 - (2) PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - (3) PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A, 8"
 - (4) PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A, 12"
 - (5) PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A (4" MIN.)
 - (6) PROPOSED PCC BASE COURSE, 9"
 - (7) MILL EXISTING BITUMINOUS BINDER AND SURFACE, 2 1/2"
 - (8) PROPOSED HOT-MIX ASPHALT LEVELING BINDER, 1"
 - (9) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"
 - (10) PROPOSED HOT-MIX ASPHALT BINDER COURSE, 2 1/4"
 - (11) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 1 1/4"
 - (12) PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 10" (1 1/2" SURFACE COURSE, 8 1/2" BINDER COURSE)
 - (13) STRIP REFLECTIVE CRACK CONTROL TREATMENT
 - (14) PROPOSED AGGREGATE SHOULDERS, TYPE B, 6"

05119 Typ Sec r01.dwg

USER NAME = Cynthia J. Hermanns
 DRAWN = S.J.
 CHECKED = E.R.O.
 PLOT DATE = 2/13/2015

DESIGNED = B.J.W.
 DATE = DATE

REVISED =
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

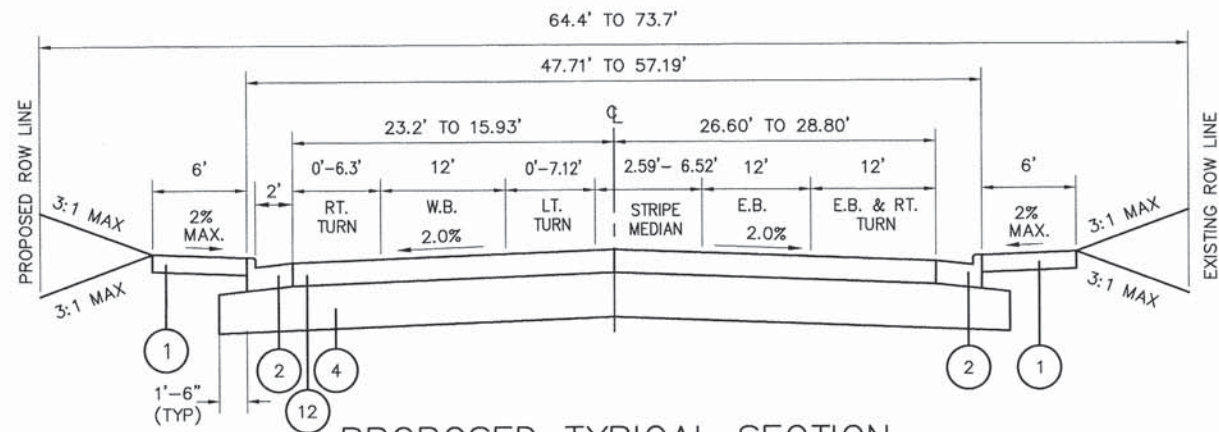
**PROPOSED TYPICAL SECTIONS
F STREET**

SCALE: SHEET NO. OF 157 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	05-00206-00-WR	ST. CLAIR	157	11
CONTRACT NO. 97442				
ILLINOIS FED. AID PROJECT				

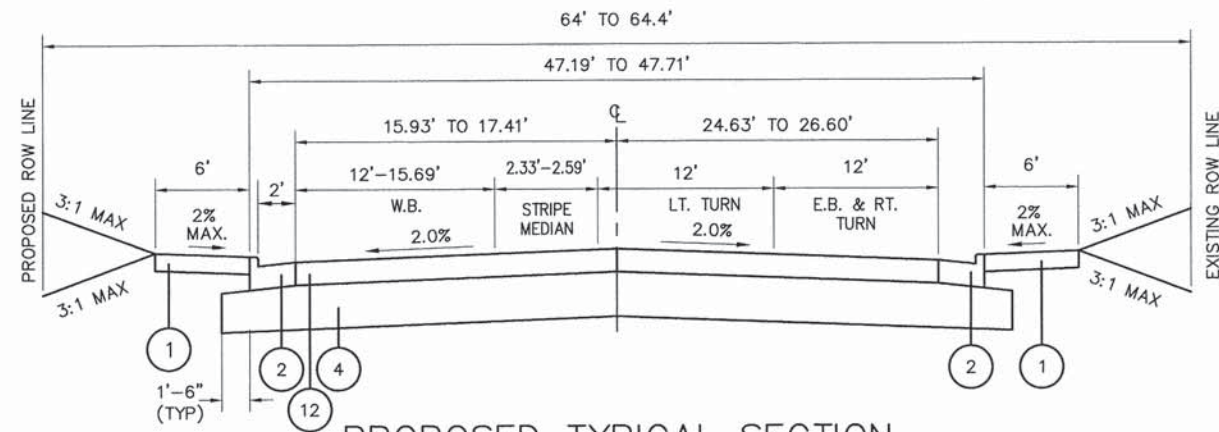
PLAN	DATE
SURVEYED	BY
PLOTTED	
GRADES CHECKED	
RT. OF WAY CHECKED	
NOTE BOOK NO.	
CADD FILE NAME	

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



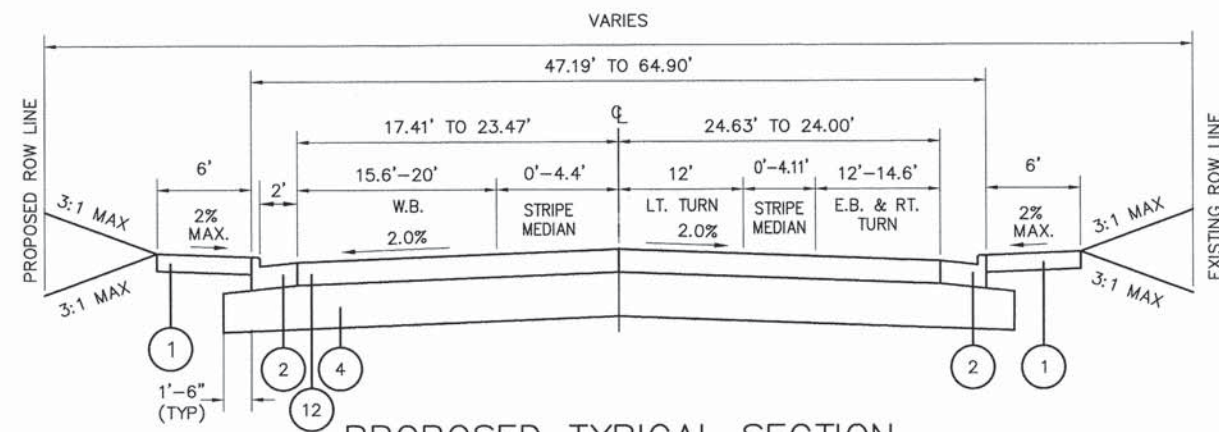
**PROPOSED TYPICAL SECTION
F ST.**

STA. 305+45.14 TO STA. 306+02.26
NOT TO SCALE



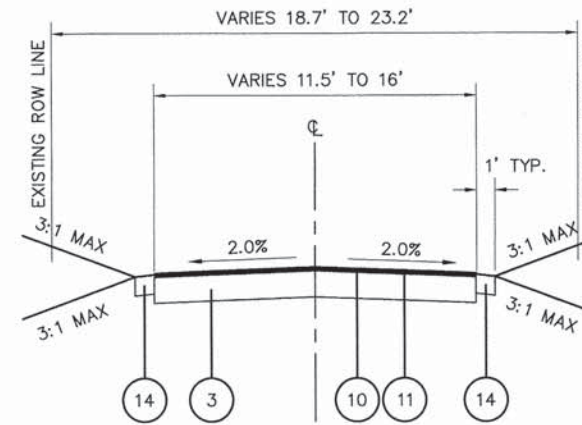
**PROPOSED TYPICAL SECTION
F ST.**

STA. 306+02.26 TO STA. 306+53.52
NOT TO SCALE



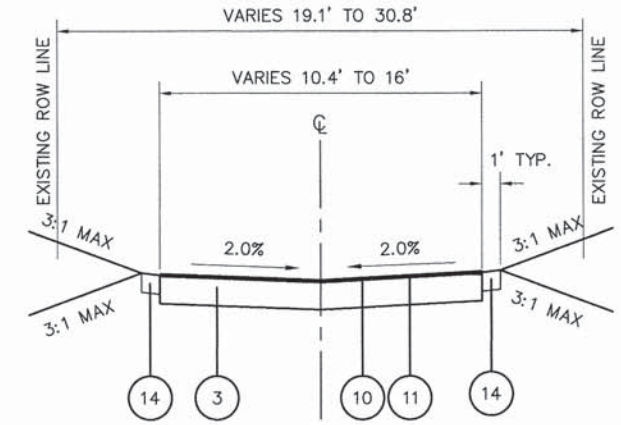
**PROPOSED TYPICAL SECTION
F ST.**

STA. 306+53.52 TO STA. 307+80.18
NOT TO SCALE



**PROPOSED TYPICAL SECTION
ALLEY (KRETSCHMER AVE.)**

STA. 199+04.79 TO STA. 201+28.63
NOT TO SCALE



**PROPOSED TYPICAL SECTION
ALLEY (KRETSCHMER AVE.)**

STA. 201+28.63 TO STA. 202+55.34
NOT TO SCALE

- PROPOSED**
- ① PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK,
 - ② PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - ③ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A, 8"
 - ④ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A, 12"
 - ⑤ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A (4" MIN.)
 - ⑥ PROPOSED PCC BASE COURSE, 9"
 - ⑦ MILL EXISTING BITUMINOUS BINDER AND SURFACE, 2 1/2"
 - ⑧ PROPOSED HOT-MIX ASPHALT LEVELING BINDER, 1"
 - ⑨ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"
 - ⑩ PROPOSED HOT-MIX ASPHALT BINDER COURSE, 2 1/2"
 - ⑪ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"
 - ⑫ PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 10" (1 1/2" SURFACE COURSE, 8 1/2" BINDER COURSE)
 - ⑬ STRIP REFLECTIVE CRACK CONTROL TREATMENT
 - ⑭ PROPOSED AGGREGATE SHOULDERS, TYPE B, 6"

- EXISTING**
- Ⓐ EXISTING BITUMINOUS BINDER AND SURFACE (4")
 - Ⓑ EXISTING CONCRETE PAVEMENT (10"-8"-10")
 - Ⓒ EXISTING CONCRETE CURB
 - Ⓓ EXISTING SIDEWALK
 - Ⓔ EXISTING A-3 SURFACE TREATMENT
 - Ⓕ EXISTING BITUMINOUS PAVEMENT

05119 Typ Sec r01.dwg

USER NAME = Cynthia J. Hermanns
PLOT SCALE =
PLOT DATE = 2/13/2015

DESIGNED - B.J.W.
DRAWN - S.J.
CHECKED - E.R.O.
DATE - DATE

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

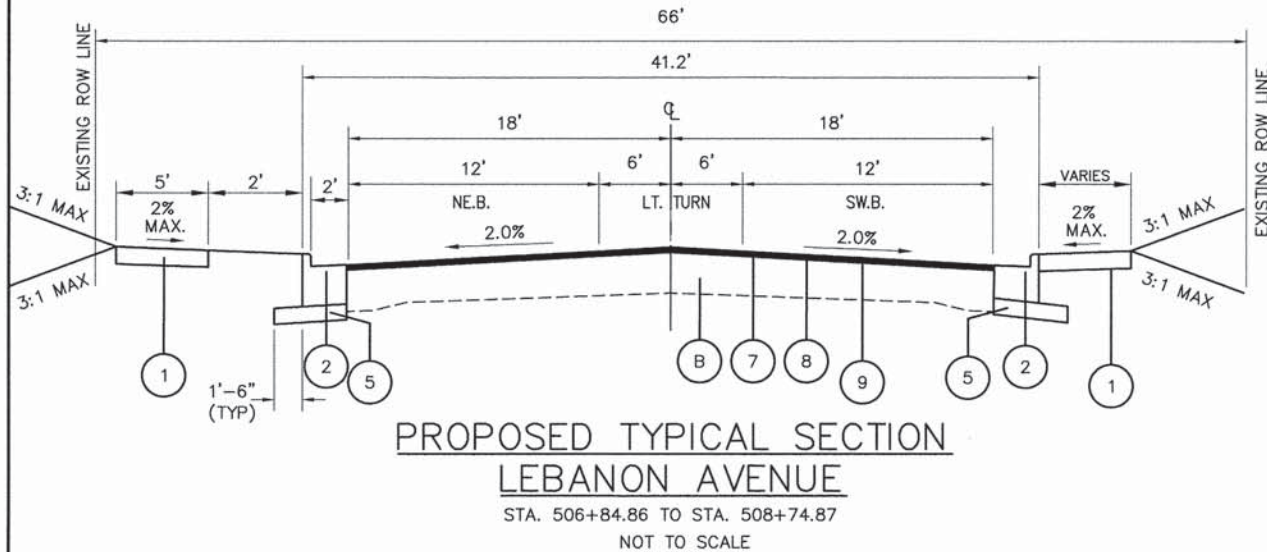
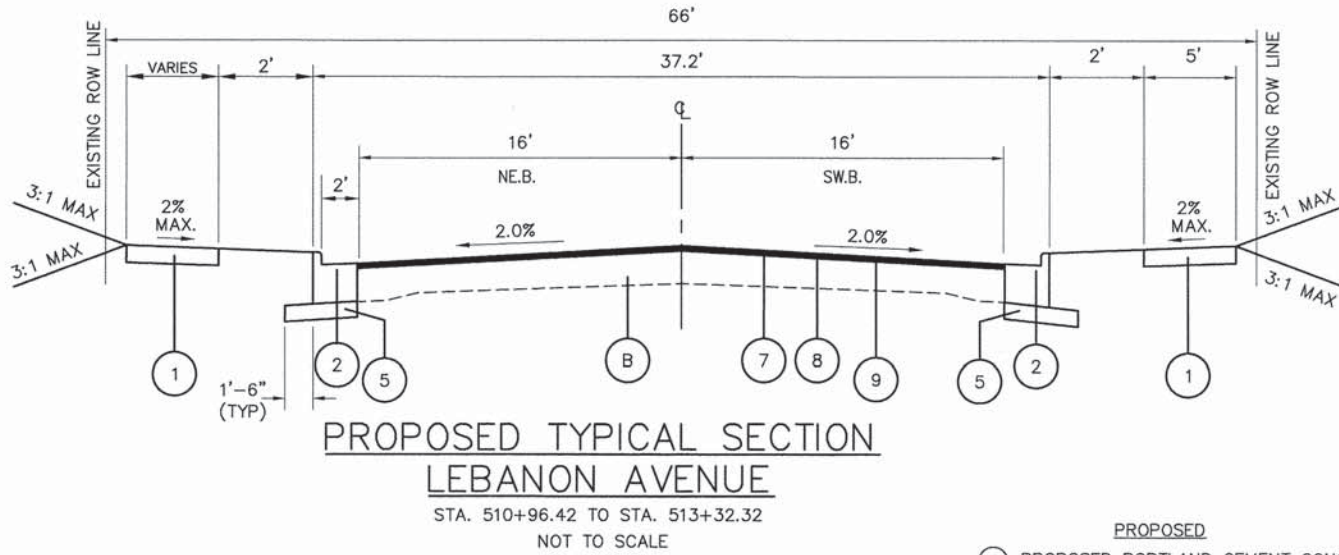
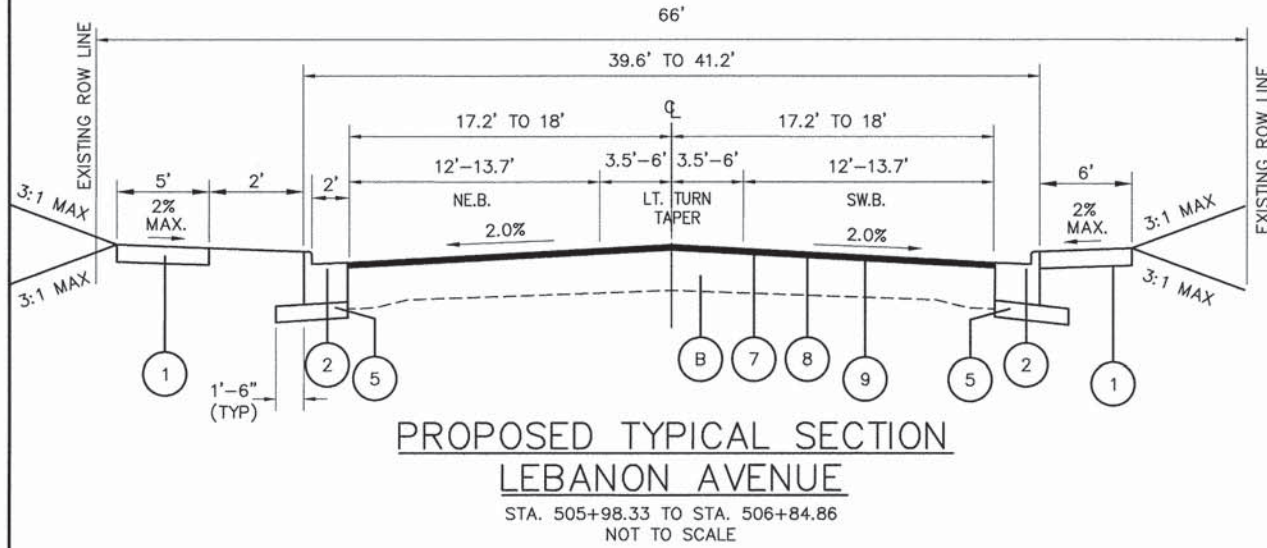
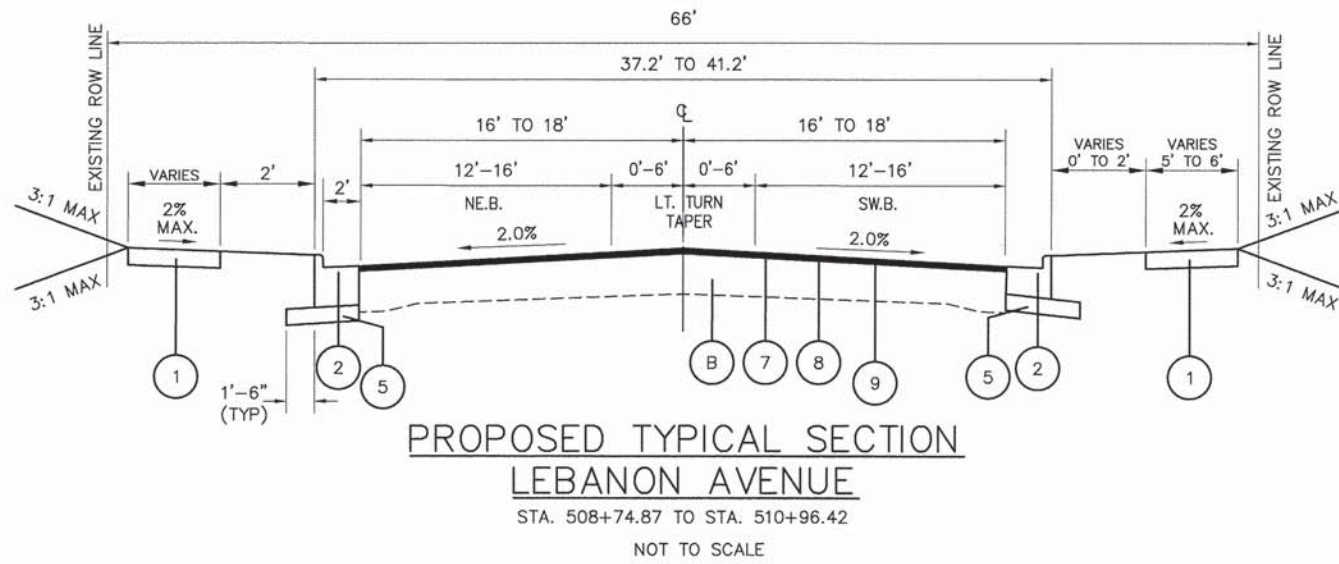
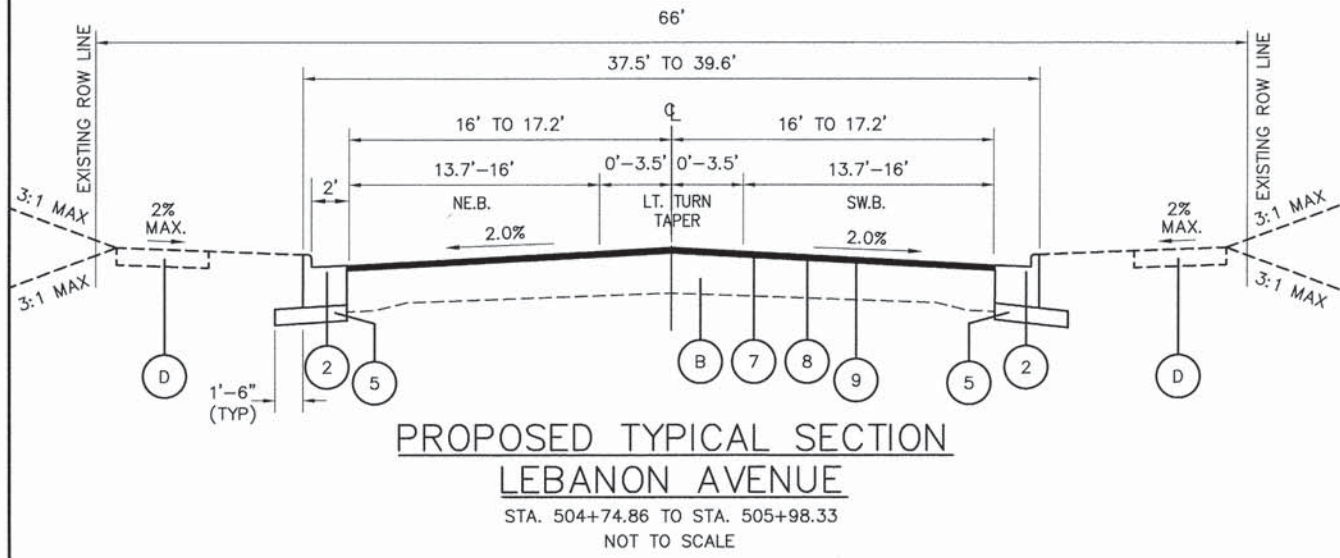
**PROPOSED TYPICAL SECTIONS
F STREET**

SCALE: SHEET NO. OF 157 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	05-00206-00-WR	ST. CLAIR	157	12
CONTRACT NO. 97442				
ILLINOIS FED. AID PROJECT				

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

DATE	
BY	
SUBMITTED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS OK'D	
PROFILE	
NOTE BOOK	
NO.	



- EXISTING**
- (A) EXISTING BITUMINOUS BINDER AND SURFACE (4")
 - (B) EXISTING CONCRETE PAVEMENT (10"-8"-10")
 - (C) EXISTING CONCRETE CURB
 - (D) EXISTING SIDEWALK
 - (E) EXISTING A-3 SURFACE TREATMENT
 - (F) EXISTING BITUMINOUS PAVEMENT
- PROPOSED**
- (1) PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK,
 - (2) PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - (3) PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A, 8"
 - (4) PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A, 12"
 - (5) PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A (4" MIN.)
 - (6) PROPOSED PCC BASE COURSE, 9"
 - (7) MILL EXISTING BITUMINOUS BINDER AND SURFACE, 2 1/2"
 - (8) PROPOSED HOT-MIX ASPHALT LEVELING BINDER, 1"
 - (9) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"
 - (10) PROPOSED HOT-MIX ASPHALT BINDER COURSE, 2 1/2"
 - (11) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"
 - (12) PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 10" (1 1/2" SURFACE COURSE, 8 1/2" BINDER COURSE)
 - (13) STRIP REFLECTIVE CRACK CONTROL TREATMENT
 - (14) PROPOSED AGGREGATE SHOULDERS, TYPE B, 6"

05119 Typ Sec r01.dwg

USER NAME = Cynthia J. Hermanns
PLOT SCALE =
PLOT DATE = 2/13/2015

DESIGNED - B.J.W.
DRAWN - S.J.
CHECKED - E.R.O.
DATE - DATE

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS
LEBANON AVENUE**

SCALE: SHEET NO. OF 157 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	05-00206-00-WR	ST. CLAIR	157	13
CONTRACT NO. 97442				
ILLINOIS FED. AID PROJECT				

PAVING SCHEDULE

LOCATION	SIDE	SUB-BASE GRANULAR MATERIAL TYPE A	SUB-BASE GRANULAR MATERIAL TYPE A 8"	SUB-BASE GRANULAR MATERIAL TYPE A 12"	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.06	COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24	PROTECTIVE COAT	PORTLAND CEMENT CONCRETE BASE COURSE 10 1/4"	BITUMINOUS MATERIALS (PRIME COAT)	LEVELING BINDER (MACHINE METHOD), N90	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N90	HOT-MIX ASPHALT BINDER COURSE, IL-19.0L N30	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"	CONCRETE MEDIAN SURFACE, 4 INCH	STRIP REFLECTIVE CRACK CONTROL TREATMENT	AGGREGATE SHOULDERS TYPE B, 6"		
																			TON	SQ YD
IL ROUTE 159																				
158+71.28	TO	158+87.37	LT	1.51			103.55		19.57	6.50		53.4	2.25		7.17					
158+71.28	TO	158+87.37	RT				61.65		12.53	4.16										
158+87.37	TO	159+13.84	LT	8.29			158.08		26.47	8.79	4.38	88.2	11.54		11.85					
158+87.37	TO	159+13.84	RT				157.63		26.47	8.79										
158+88.37	TO	164+40.15	LT														588.477			
159+13.84	TO	160+92.71	LT	84.60			899.21		178.87	59.43	90.25	597	74.41		80.13					
159+13.84	TO	160+92.71	RT				1,066.91		178.87	59.43	40.66									
159+14.84	TO	160+40.14	RT														126.305			
160+75.58	TO	164+39.57	RT														393.679			
160+92.71	TO	162+88.71	LT	94.43			1,002.00		196.00	65.12	101.63	640.6	64.56		85.99					
160+92.71	TO	162+88.71	RT				1,157.85		196.00	65.12	48.34									
162+88.71	TO	164+23.62	LT	104.87			794.00		133.02	44.19	213.88	589.2	77.13		79.09					
162+88.71	TO	164+23.62	RT				790.48		128.07	42.55	126.43									
164+23.62	TO	164+88.68	LT	16.64			198.15		33.75	11.21	90.52	440.4	49.26		59.11					
164+23.62	TO	164+88.68	RT				265.11		45.59	15.15	55.95									
164+76.12	TO	168+16.35	LT														383.864			
164+88.68	TO	168+00.40	LT	99.86			1,828.46		313.15	104.03	107.73	790.2	68.51		106.06					
164+88.68	TO	168+00.40	RT				3,270.96		312.37	103.77										
168+00.40	TO	169+29.16	LT	41.11			844.86		142.40	47.31	66.69	522.4	60.25		70.12					
168+00.40	TO	169+29.16	RT				1,318.99		128.77	42.78										
168+79.22	TO	171+74.82	LT														301.932			
169+29.16	TO	170+57.17	LT	70.14			559.39		128.01	42.53	156.99	418.2	54.29		56.15					
169+29.16	TO	170+57.17	RT				1,216.46		128.01	42.53										
170+57.17	TO	171+92.17	LT	46.64			955.65		135.36	44.97	68.28	389.6	33.81		52.29					
170+57.17	TO	171+92.17	RT				1,554.21		135.00	44.85										
171+92.17	TO	180+27.78	LT	87.46			7,281.32		712.72	236.78	98.35	2238	188.28		300.27					
171+92.17	TO	180+27.78	RT				7,923.61		782.46	259.95	112.22									
180+27.78	TO	180+87.96	LT	6.29			115.69		21.41	7.11	0.43	260.4	19.82		34.95					
180+27.78	TO	180+87.96	RT				307.71		46.83	15.56	0.85									
180+87.96	TO	181+22.64	LT	3.63			171.70		34.68	11.52		101.4	9.31		13.60					
180+87.96	TO	181+22.64	RT				138.68		29.38	9.76										
181+01.93	TO	181+16.48	LT				16.92													
181+22.64	TO	182+22.64	LT	10.45			926.41		100.00	33.22		292	21.67		39.20					
181+22.64	TO	182+22.64	RT				656.26		94.92	31.54										
182+22.64	TO	183+76.21	LT	16.05			1,063.83		150.43	49.95		448.4	35.71		60.20					
182+22.64	TO	183+76.21	RT				1,240.84		153.59	51.03										
SUBTOTAL (IL ROUTE 159)				691.97	0	0	38046.57	0	4724.70	1569.63	1383.58	7869.40	770.80	0	1056.18	0	0	0	1794.26	
F STREET																				
300+22.55	TO	301+58.63	LT			592.99	643.70		134.54	44.70		1470					469.727			
300+22.55	TO	301+58.63	RT				733.52		137.47	45.67										
301+58.63	TO	302+36.52	LT			402.12	340.21		66.96	22.25		1070					341.775			
301+58.63	TO	302+36.52	RT				336.60		66.16	21.98										
302+36.52	TO	303+84.63	LT			509.9	581.99		96.69	32.12		1328					424.611			
302+36.52	TO	303+84.63	RT				370.53		91.43	30.38										
303+84.63	TO	305+03.81	LT			444.11	357.52		59.57	19.79		1220					390.162			
303+84.63	TO	305+03.81	RT				416.79		59.49	19.76										
305+03.81	TO	305+45.14	LT			292.93	251.36		42.05	13.97		798					255.135			
305+03.81	TO	305+45.14	RT				191.07		41.33	13.73										
305+45.14	TO	306+02.26	LT			351.11	256.12		58.44	19.40		936					299.244			
305+45.14	TO	306+02.26	RT				199.76		55.96	18.59										
306+02.26	TO	306+53.52	LT			286.14	307.77		51.26	17.03		750					239.651			
306+02.26	TO	306+53.52	RT				351.75		51.28	17.04										
306+53.52	TO	307+80.18	LT			927.58	808.94		136.74	45.43		2616					835.888			
306+53.52	TO	307+80.18	RT				438.10		65.52	21.77										
307+16.28	TO	307+45.39	MEDIAN					70.38		11.57										
307+19.71	TO	307+41.81	LT														131.639			
307+23.47	TO	307+53.00	MEDIAN					70.76		11.64										
307+27.13	TO	307+44.89	RT														128.438			
307+47.26	TO	307+52.25	RT				50.14													
SUBTOTAL (F STREET)				0	0	3806.88	6635.87	141.14	1214.89	426.82	0	10188.00	0	0	0	3256.19	260.08	0	0	
SUBTOTAL (PAGE 1)				691.97	0.00	3806.88	44682.44	141.14	5939.59	1996.45	1383.58	18057.40	770.80	0.00	1056.18	0.00	3256.19	260.08	1794.26	0.00

DATE	BY	REVISIONS	NOTED	CHECKED	FILE NAME

DATE	BY	REVISIONS	NOTED	CHECKED	FILE NAME

DATE	BY	REVISIONS	NOTED	CHECKED	FILE NAME

05119 Sched Quant.dwg	USER NAME = Cynthia J. Hermanns	DESIGNED - B.J.W.	REVISED -
		DRAWN - S.J.	REVISED -
		CHECKED - E.R.O.	REVISED -
		DATE - DATE	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

SCALE: SHEET NO. 14 OF 157 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	05-00206-00-WR	ST. CLAIR	157	14
CONTRACT NO. 97442				
ILLINOIS FED. AID PROJECT				

PAVING SCHEDULE

LOCATION	SIDE	SUB-BASE GRANULAR MATERIAL TYPE A	SUB-BASE GRANULAR MATERIAL TYPE A 8"	SUB-BASE GRANULAR MATERIAL TYPE A 12"	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.06	COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24	PROTECTIVE COAT	PORTLAND CEMENT CONCRETE BASE COURSE 10 1/4"	BITUMINOUS MATERIALS (PRIME COAT)	LEVELING BINDER (MACHINE METHOD), N90	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N90	HOT-MIX ASPHALT BINDER COURSE, IL-19.0L N30	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"	CONCRETE MEDIAN SURFACE, 4 INCH	STRIP REFLECTIVE CRACK CONTROL TREATMENT	AGGREGATE SHOULDERS TYPE B 6"
LEBANON AVENUE																		
504+74.86	TO	505+98.33	LT	20.75			89.57		116.64	38.7		303.2	61.24		40.70			
504+74.86	TO	505+98.33	RT				164.61		123.47	41.0								
505+98.33	TO	506+84.86	LT	20.65			199.38		78.17	25.9		229.6	78.53		30.80			
505+98.33	TO	506+84.86	RT				299.65		87.26	29.0								
506+84.86	TO	508+74.87	LT	43.33			997.53		212.56	70.6		609.2	158.10		81.78			
506+84.86	TO	508+74.87	RT				484.03		84.01	27.9								
508+74.87	TO	510+96.42	LT	51.52			994.04		206.31	68.5		601	112.05		80.66			
508+74.87	TO	510+96.42	RT				963.47		224.52	74.6								
510+96.42	TO	513+32.32	LT	39.95			928.99		149.18	49.5		332	65.82		44.56			
510+96.42	TO	513+32.32	RT				698.38		157.69	52.3								
SUBTOTAL (LEBANON AVENUE)				176.20	0	0	5819.65	0	1439.81	478.00	0	2075.00	475.74	0	278.50	0	0	0
E STREET																		
601+19.68	TO	601+24.26					91.48		205.93	68.4								
601+92.36	TO	602+55.43				353.78						1107.00					308.21	
SUBTOTAL (E STREET)				0	0	353.78	91.48	0	205.93	68.40	0	1107.00	0	0	0	0	308.21	0
ALLEY (KRETSCHMER AVENUE)																		
198+56.58	TO	201+00.66				317.084						992.2	22.20		41.617			54.24
201+56.83	TO	202+55.34				141.192						441.8	9.88		18.531			27.44
SUBTOTAL (ALLEY (KRETSCHMER AVENUE))				0	458.28	0	0	0	0	0	0	1434.00	32.08	0	60.15	0	0	0
SUBTOTAL (PAGE 2)				176.20	458.28	353.78	5911.13	0.00	1645.74	546.40	0.00	4616.00	475.74	32.08	278.50	60.15	308.21	0.00
SUBTOTAL (PAGE 1)				691.97	0.00	3806.88	44682.44	141.14	5939.59	1996.45	141.14	18057.40	770.80	0.00	1056.18	0.00	3256.19	260.08
TOTAL				868.17	458.28	4160.66	50593.57	141.14	7585.33	2542.85	141.14	22673.40	1246.54	32.08	1334.68	60.15	3564.41	260.08

DATE	BY	REVIEWED	DATE
PLAN	NO.	NOTE BOOK	NO.

DATE	BY	REVIEWED	DATE
PROFILE	NO.	NOTE BOOK	NO.

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

DATE	
BY	
DESIGNED	
PLANNED	
ALIGNED	
CHECKED	
FILE NAME	
PROFILE	
NOTE BOOK	
NO.	

PAVEMENT MARKING SCHEDULE													
LOCATION	TYPE	THERMOPLASTIC PAVEMENT MARKING						RAISED REFLECTIVE PAVEMENT MARKINGS					
		LETTERS & SYMBOLS	4"		6"	8"		12"		ONE-WAY	TWO-WAY		
			WHITE	YELLOW	WHITE	WHITE	WHITE	YELLOW	CRYSTAL			AMBER	AMBER
SQ FT	FOOT	FOOT			EACH								
IL ROUTE 159													
158+71.28	TO	164+41.62	SKIP DASH 2' @ 6' C-C	68.865									
			SKIP DASH 10' @ 30' C-C	115.8175									
			DOUBLE SOLID		1324.97								
			SOLID	241.43			107.63						
			CROSSWALK LINE			181.91							
			DIAGONAL LINES @ 10' C-C				45.19						
			DIAGONAL LINES @ 20' C-C					16.45					
			STOP BARS					41					
			LEFT TURN ARROW	17.6									
			RIGHT TURN ARROW	17.6									
			40' C-C						8	8	10		
			80' C-C						6				
164+41.62	TO	168+85.99	SKIP DASH 2' @ 6' C-C	30.005									
			DOUBLE SOLID		635.6								
			SOLID	268.35									
			CROSSWALK LINE			382.17							
			STOP BARS				51.29						
			LEFT TURN ARROW	35.2									
			THROUGH-RIGHT TURN ARROW	29.4									
			40' C-C						9		9		
			80' C-C										
168+85.99	TO	172+56.73	SKIP DASH 2' @ 6' C-C	33.75									
			SKIP DASH 10' @ 30' C-C		160.75								
			SOLID	150	773.48								
			CROSSWALK LINE			184.69							
			DIAGONAL LINES @ 20' C-C				54.6						
			STOP BARS				35.27						
			RIGHT TURN ARROW	26.4									
			1 PAIR OF LEFT TURN ARROWS	52.8									
			40' C-C						5		14		
			80' C-C						0				
172+56.73	TO	176+58.79	SKIP DASH 10' @ 30' C-C		93.245								
			DOUBLE SOLID		291.4								
			SOLID	100	372.99								
			CROSSWALK LINE			294.68							
			STOP BARS				49.59						
			LEFT TURN ARROW	17.6									
			1 PAIR OF LEFT TURN ARROWS	35.2									
			40' C-C						3		12		
			80' C-C										
176+58.79	TO	180+58.71	SKIP DASH 10' @ 30' C-C		111.38								
			DOUBLE SOLID		282.1								
			SOLID	100	445.52								
			CROSSWALK LINE			295.3							
			STOP BARS				54.93						
			LEFT TURN ARROW	17.6									
			1 PAIR OF LEFT TURN ARROWS	17.6									
			40' C-C						3		12		
			80' C-C										
SUBTOTAL (IL ROUTE 159) (TABLE 1)				267.00	1108.22	4491.44	1338.75	107.63	277.27	71.05	34.00	8.00	57.00

PAVEMENT MARKING SCHEDULE												
LOCATION	TYPE	THERMOPLASTIC PAVEMENT MARKING						RAISED REFLECTIVE PAVEMENT MARKINGS				
		LETTERS & SYMBOLS	4"		6"	8"		12"		ONE-WAY	TWO-WAY	
			WHITE	YELLOW	WHITE	WHITE	WHITE	YELLOW	CRYSTAL			AMBER
SQ FT	FOOT	FOOT			EACH							
IL ROUTE 159												
180+58.71	TO	183+79.62	SKIP DASH 2' @ 6' C-C	25.15								
			SKIP DASH 10' @ 30' C-C		67.4375							
			DOUBLE SOLID		636.52							
			SOLID	150	269.75							
			CROSSWALK LINE			160.76						
			STOP BARS				15.00					
			DIAGONAL LINES @ 20' C-C					82				
			RIGHT TURN ARROW	17.6								
			1 PAIR OF LEFT TURN ARROWS	17.6								
			40' C-C						5		6	
			80' C-C									
SUBTOTAL (IL ROUTE 159) (TABLE 2)			35.20	175.15	973.71	160.76	0	15.00	82.00	5.00	0	6.00
SUBTOTAL (IL ROUTE 159) (TABLE 1)			267.00	1108.22	4491.44	1338.75	107.63	277.27	71.05	34	8	57
TOTAL (IL ROUTE 159)			302.20	1283.37	5465.14	1499.51	107.63	292.27	153.05	39.00	8.00	63.00
F STREET												
300+22.55	TO	303+39.87	SKIP DASH 2' @ 6' C-C	28.7125								
			DOUBLE SOLID		921.78							
			SOLID	101.57								
			DIAGONAL LINES @ 20' C-C				10.77					
			STOP BARS				27.15					
			LEFT TURN ARROW	17.6								
			THROUGH-RIGHT TURN ARROW	29.4								
304+34.15	TO	307+66.64	SKIP DASH 2' @ 6' C-C	75.81								
			SKIP DASH 10' @ 30' C-C	27.70								
			DOUBLE SOLID		956.11							
			SOLID	139.3			137.3					
			CROSSWALK LINE			169.76						
			DIAGONAL LINES @ 10' C-C				13.17					
			DIAGONAL LINES @ 20' C-C					36.9				
			STOP BARS				73.01					
			LEFT TURN ARROW	35.2								
			RIGHT TURN ARROW	17.6								
			THROUGH-RIGHT TURN ARROW	29.4								
SUBTOTAL (F STREET)			129.20	373.09	1877.89	169.76	0	113.33	47.67	0	0	0
HIGH STREET												
400+00	TO	403+72.93	DOUBLE SOLID		100							
			STOP BARS				16.79					
SUBTOTAL (HIGH STREET)			0	0	100.00	0	0	16.79	0	0	0	
LEBANON AVENUE												
504+74.86	TO	512+45.53	SKIP DASH 10' @ 30' C-C	75.375								
			DOUBLE SOLID		2114.99							
			SOLID		301.5							
			DIAGONAL LINES @ 20' C-C				217.49					
			STOP BARS				16.55					
			1 PAIR OF LEFT TURN ARROWS	17.6								
			40' C-C							20	14	
SUBTOTAL (LEBANON AVENUE)			17.60	0	2491.87	0	0	16.55	217.49	0	20	14
TOTAL			449.00	1656.46	9934.90	1669.27	107.63	438.94	418.21	39.00	28.00	77.00

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ENTRANCE/SIDEROAD SCHEDULE											
LOCATION	OFFSET	ENTRANCE TYPE (C.E. OR P.E.)	EXISTING PAVEMENT TYPE	PROPOSED WIDTH	SUBBASE GRANULAR MATERIAL, TYPE A 8"	HOT-MIX ASPHALT SURFACE COURSE, MIX "C" N30	HOT-MIX ASPHALT BINDER COURSE, IL-19.0L N30	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 6 INCH	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 8 INCH	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	AGGREGATE SURFACE COURSE, TYPE A, 8"
				FOOT	SQ YD	TON	TON	SQ YD	SQ YD	FOOT	SQ YD
ILLINOIS ROUTE 159 (NORTH ILLINOIS STREET)											
160+32.89	LT	C.E.	ASPHALT	24	20.617	1.44	2.706		22.515		
161+16.50	LT	C.E.	CONCRETE	24					43.378		
165+76.41	RT	P.E.	CONCRETE	12					23.556		
166+65.68	LT	C.E.	ASPHALT	24					29.947		
167+26.30	LT	C.E.	ASPHALT	24					32.028		
167+50.69	RT	P.E.	CONCRETE	24				44.437			
169+29.39	LT									23.33	
169+51.39	LT	C.E.	CONCRETE	24					25.567		
169+73.39	LT									22.11	
169+73.53	RT	C.E.	CONCRETE	24					37.847		
169+85.66	LT									13.69	
170+05.31	LT	C.E.	CONCRETE	24					21.253		
170+25.34	LT									13.68	
171+00.62	LT	C.E.	CONCRETE	32	24.452	1.71	3.209		36.575		
171+89.94	RT	C.E.	CONCRETE	10					20.675		
173+64.96	LT	C.E.	CONCRETE	24					40.639		
173+97.58	RT	C.E.	CONCRETE	24					39.06		
174+51.85	LT	C.E.	CONCRETE	24					40.533		
174+89.40	RT	P.E.	CONCRETE	12				22.378			
175+69.89	LT	C.E.	CONCRETE	16					29.495		
178+44.25	RT	C.E.	CONCRETE	16					29.892		
179+64.62	RT	C.E.	CONCRETE	31					47.498		
181+09.15	RT	C.E.	CONCRETE	12					22.93		
181+57.43	RT	C.E.	CONCRETE	12					23.124		
182+11.88	RT	C.E.	CONCRETE	13					18.77		
182+38.07	RT	C.E.	CONCRETE	10.5					15.466		
183+09.96	LT									18.98	
183+34.09	LT	C.E.	ASPHALT	30					42.142		
183+45.33	RT	C.E.	ASPHALT	13					20.952		
183+60.71	LT									18.98	
SUBTOTAL (ILLINOIS ROUTE 159)				483.50	45.07	3.15	5.92	66.82	663.84	110.77	0
ALLEY (NORTH OF F STREET)											
199+36.43	LT	C.E.	ASPHALT	10					62.48		
200+24.81	LT	C.E.	ASPHALT	16					82.67		
SUBTOTAL (ALLEY (NORTH OF F STREET))				26	0	0	0	0	145.15	0	0
F STREET											
300+60.33	LT	P.E.	CONCRETE	12				35.666			
300+79.66	RT	P.E.	CONCRETE	18				35.300			
301+13.06	RT	P.E.	ASPHALT	10				22.435			
301+21.03	LT	P.E.	CONCRETE	12				47.035			
302+45.28	RT									12.11	
302+64.17	RT	C.E.	ROCK	24					81.288		31.10
302+89.75	RT									12.08	
305+65.66	RT	P.E.	CONCRETE	9				12.624			
305+68.84	LT									8.52	
305+73.18	RT									10.98	
305+80.52	LT	ALLEY	CONCRETE	12					35.634		
305+83.83	RT	ALLEY	CONCRETE	11					18.8		
305+91.67	LT									8.85	
305+94.47	RT									11.87	
SUBTOTAL (F STREET)				108	0	0	0	153.06	135.72	64.41	31.10
SUBTOTAL (TABLE 1)				617.50	45.07	3.15	5.92	219.88	944.71	175.18	31.10

ENTRANCE/SIDEROAD SCHEDULE										
LOCATION	OFFSET	ENTRANCE TYPE (C.E. OR P.E.)	EXISTING PAVEMENT TYPE	PROPOSED WIDTH	SUBBASE GRANULAR MATERIAL, TYPE A 8"	HOT-MIX ASPHALT SURFACE COURSE, MIX "C" N30	HOT-MIX ASPHALT BINDER COURSE, IL-19.0L N30	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 6 INCH	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 8 INCH	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
				FOOT	SQ YD	TON	TON	SQ YD	SQ YD	FOOT
LEBANON AVENUE										
504+80.27	RT									17.84
504+95.26	RT	ALLEY	ROCK	10						16.095
505+10.26	RT									17.69
505+44.72	RT									17.15
505+67.63	RT	C.E.	CONCRETE	26						37.168
505+90.72	RT									33.49
506+16.14	RT	C.E.	CONCRETE	31						42.232
506+42.11	RT									16.54
506+45.98	LT									18.75
506+73.41	LT	C.E.	CONCRETE	35						55.641
507+00.91	LT									18.46
509+67.37	LT	C.E.	CONCRETE	20						19.329
510+71.81	LT	C.E.	ASPHALT	20						28.657
510+85.18	RT	C.E.	ASPHALT	24						40.415
511+24.16	RT									18.18
511+45.75	RT	C.E.	ASPHALT	35						53.95
511+79.16	RT									18.13
SUBTOTAL (LEBANON AVENUE)				201	0	0	0	19.33	274.16	176.23
SUBTOTAL (TABLE 1)				617.50	45.07	3.15	5.92	219.88	944.71	175.18
TOTAL				818.50	45.07	3.15	5.92	239.20	1218.87	351.41

PIPE DRAINS SCHEDULE		
LOCATION	SIDE	PIPE DRAINS, 4" SPECIAL
		FOOT
IL ROUTE 159		
159+90	RT	17
160+17	RT	17
160+82	RT	9
162+28	RT	9
162+94	LT	19
163+34	RT	8
171+01	RT	13
175+35	RT	12
177+40	LT	16
177+90	LT	17
178+29	LT	17
181+82	RT	13
SUBTOTAL (IL ROUTE 159)		167
F STREET		
300+39	RT	20
300+84	RT	22
301+39	RT	32
308+78	RT	14
308+95	RT	11
SUBTOTAL (F STREET)		99
LEBANON AVENUE		
518+98	LT	20
SUBTOTAL (LEBANON AVE)		20
TOTAL		286

CONCRETE STEPS SCHEDULE		
LOCATION	SIDE	CONCRETE STEPS
		CU YD
IL ROUTE 159		
161+00	RT	0.27
163+00	LT	0.08
163+60	RT	0.83
165+00	RT	1.63
165+50	LT	0.56
166+20	LT	0.55
173+40	RT	0.18
180+00	RT	0.58
181+09.21	LT	2.05
SUBTOTAL (IL ROUTE 159)		6.73
F STREET		
304+80	RT	0.20
305+05	RT	0.09
306+70	RT	0.08
307+00	RT	0.51
SUBTOTAL (F STREET)		0.88
LEBANON AVENUE		
511+40	LT	0.45
SUBTOTAL (LEBANON AVE)		0.45
TOTAL		8.06

DATE: _____
 BY: _____
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TREE REMOVAL SCHEDULE			
LOCATION	OFFSET/SIDE	TREE REMOVAL (6-15 UNIT DIAMETER)	TREE REMOVAL (OVER 15 UNIT DIAMETER)
		UNIT	UNIT
IL ROUTE 159			
165+00.23	34.99' LT		36
165+27.62	37.42' LT		36
SUBTOTAL (IL ROUTE 159)		0	72
F STREET			
302+24.58	47.05' LT		24
302+43.64	44.12' RT		18
305+19.18	33.99' RT	12	
SUBTOTAL (F STREET)		12	42
TOTAL		12	114

RETAINING WALL REMOVAL SCHEDULE			
LOCATION	SIDE	RETAINING WALL REMOVAL	
		FOOT	FOOT
IL ROUTE 159			
163+18.96	TO 163+44.87	LT	28
SUBTOTAL (IL ROUTE 159)			28
F STREET			
301+18.07	TO 301+18.07	RT	10
302+19.67	TO 303+21.93	LT	109
302+26.74	TO 303+02.18	LT	95
306+71.18	TO 306+94.28	RT	20
SUBTOTAL (F STREET)			234
F STREET ALLEY			
200+15.92	TO 200+15.92	RT	19
SUBTOTAL (F STREET ALLEY)			19
TOTAL			281

FENCE REMOVAL SCHEDULE				
LOCATION	SIDE	WOODEN FENCE REMOVAL		CHAIN LINK FENCE REMOVAL
		FOOT	FOOT	FOOT
IL ROUTE 159				
162+34.17	TO 162+53.43	RT	21.4	
163+50.87	TO 163+74.92	RT	42.6	
SUBTOTAL (IL ROUTE 159)			64.0	0
F STREET				
302+54.13	TO 303+20.75	LT		66.7
SUBTOTAL (F STREET)			0	66.7
LEBANON AVENUE				
511+49.73	TO 512+22.01	LT	82.0	
SUBTOTAL (LEBANON AVENUE)			82.0	0
TOTAL			146.0	66.7

PAVEMENT/CURB & GUTTER REMOVAL SCHEDULE						
LOCATION	SIDE	PAVEMENT REMOVAL		HMA SURFACE REMOVAL 2 1/2"	CURB REMOVAL	
		SQ YD	SQ YD	SQ YD	FOOT	FOOT
IL ROUTE 159						
158+71.28	TO 183+76.21			12,573.55		
158+71.28	TO 158+87.37	LT				28.54
158+71.28	TO 158+87.37	RT				21.60
158+87.37	TO 159+13.84	LT				26.62
158+87.37	TO 159+13.84	RT				26.53
159+13.84	TO 160+92.71	LT				161.70
159+13.84	TO 160+92.71	RT				150.31
160+92.71	TO 162+88.71	LT				188.70
160+92.71	TO 162+88.71	RT				196.20
162+88.71	TO 164+23.62	LT				134.98
162+88.71	TO 164+23.62	RT				134.92
164+23.62	TO 164+88.68	LT				23.46
164+23.62	TO 164+88.68	RT				28.98
164+88.68	TO 168+00.40	LT				261.09
164+88.68	TO 168+00.40	RT				299.53
168+00.40	TO 169+29.16	LT				256.24
168+00.40	TO 169+29.16	RT				137.43
169+29.16	TO 170+57.17	LT				104.03
169+29.16	TO 170+57.17	RT				118.66
170+57.17	TO 171+92.17	LT				104.60
170+57.17	TO 171+92.17	RT				136.02
171+92.17	TO 180+27.78	LT				636.06
171+92.17	TO 180+27.78	RT				660.06
180+27.78	TO 180+87.96	LT				21.79
180+27.78	TO 180+87.96	RT				23.53
180+87.96	TO 181+22.64	LT				34.68
180+87.96	TO 181+22.64	RT				25.06
181+22.64	TO 182+22.64	LT				100.00
181+22.64	TO 182+22.64	RT				96.43
182+22.64	TO 183+76.21	LT				157.98
182+22.64	TO 183+76.21	RT				148.57
SUBTOTAL (IL ROUTE 159)			0	12573.55		4444.30
F STREET						
300+22.51	TO 303+28.69			1264.99		
300+22.55	TO 301+58.63	LT				134.88
300+22.55	TO 301+58.63	RT				137.94
301+58.63	TO 302+36.52	LT				74.51
301+58.63	TO 302+36.52	RT				59.25
302+36.52	TO 303+84.63	LT				122.26
302+36.52	TO 303+84.63	RT				121.01
303+84.63	TO 305+03.81	LT				93.66
303+84.63	TO 305+03.81	RT				84.90
304+43.52	TO 307+57.97			1340.05		
305+03.81	TO 305+45.14	LT				41.33
305+03.81	TO 305+45.14	RT				35.73
305+45.14	TO 306+02.26	LT				36.22
305+45.14	TO 306+02.26	RT				29.91
306+02.26	TO 306+53.52	LT				51.29
306+02.26	TO 306+53.52	RT				51.29
306+53.52	TO 307+80.18	LT				123.86
306+53.52	TO 307+80.18	RT				81.43
SUBTOTAL (F STREET)			2605.04	0		1279.47
LEBANON AVENUE						
504+74.86	TO 512+45.53			3,315.52		
504+74.86	TO 505+98.33	LT				119.36
504+74.86	TO 505+98.33	RT				96.08
505+98.33	TO 506+84.86	LT				47.72
505+98.33	TO 506+84.86	RT				86.53
506+84.86	TO 508+74.87	LT				173.31
506+84.86	TO 508+74.87	RT				122.78
508+74.87	TO 510+96.42	LT				172.92
508+74.87	TO 510+96.42	RT				194.67
510+96.42	TO 513+32.32	LT				190.75
510+96.42	TO 513+32.32	RT				91.84
SUBTOTAL (LEBANON AVE)			0	3315.52		1295.96
TOTAL			2605.04	15889.07		7019.73

SIGN REMOVAL SCHEDULE				
LOCATION	OFFSET/SIDE	SIGN REMOVAL		REMOVE AND RE-ERECT EXISTING SIGN
		EACH	EACH	EACH
IL ROUTE 159				
159+77.01	23.02' RT	1		
160+73.44	37.37' RT			1
160+80.64	23.16' RT			1
161+03.61	23.04' RT			1
161+83.35	21.18' LT			1
162+28.89	30.68' RT	1		
162+36.07	23.18' RT			1
163+73.16	21.67' LT			1
163+73.35	23.61' RT			1
163+82.04	23.34' RT			1
164+90.18	23.76' RT			1
165+30.24	23.38' RT			1
166+12.66	23.40' RT			1
166+38.42	19.74' LT			1
166+85.55	23.99' RT	1		
167+01.27	19.69' LT			1
167+25.85	19.36' LT			1
167+80.55	24.79' RT			1
168+41.61	35.26' RT	1		
168+75.37	35.28' RT			1
169+76.78	20.37' LT			1
170+34.94	23.32' RT			1
170+76.25	20.53' LT			1
170+78.27	23.25' RT	1		
172+22.70	21.79' RT	1		
172+32.03	21.88' LT			1
172+41.83	30.81' LT			1
173+22.53	21.67' LT			1
174+48.72	20.91' RT			1
175+22.72	20.54' RT	1		
175+45.68	20.62' RT	1		
175+67.27	20.71' RT			1
175+85.00	25.04' LT			1
176+07.62	34.53' RT			1
176+36.84	34.92' LT			1
177+51.28	25.34' LT			1
178+29.55	24.09' RT			1
179+33.16	25.60' LT			1
180+17.89	24.23' RT			1
180+76.83	34.76' RT			1
180+77.14	34.04' RT			1
180+85.03	26.19' LT			1
181+31.61	23.74' RT			1
181+73.00	24.54' RT			1
181+79.88	24.70' RT			1
182+32.58	25.48' LT			1
182+80.21	26.43' LT			1
182+99.17	25.41' LT			1
183+58.47	25.71' RT			1
SUBTOTAL (IL ROUTE 159)		8		41
F STREET				
300+48.75	25.42' LT			1
302+26.63	59.29' LT	1		
302+53.47	20.31' LT			1
303+13.93	22.29' RT			1
304+12.25	24.28' LT			1
304+31.08	19.60' LT			1
306+66.20	24.01' RT			1
307+22.69	18.25' RT			1
SUBTOTAL (F STREET)		1		7
SUBTOTAL (TABLE 1)		9		48

SIGN REMOVAL SCHEDULE				
LOCATION	OFFSET/SIDE	SIGN REMOVAL		REMOVE AND RE-ERECT EXISTING SIGN
		EACH	EACH	EACH
LEBANON AVENUE				
504+95.90	20.34' RT			1
505+03.16	19.35' RT			1
505+29.07	22.37' LT			1
505+44.65	20.99' RT			1
505+73.76	21.45' LT			1
505+83.57	38.42' LT			1
506+79.74	22.67' RT	1		
507+62.78	19.78' LT			1
507+69.06	22.33' LT			1
508+49.38	21.64' RT			1
508+52.44	21.32' LT			1
510+55.50	18.60' RT			1
511+72.59	19.00' RT			1
512+29.19	43.54' LT	1		
512+53.07	63.22' LT	1		
512+55.58	19.34' RT			1
SUBTOTAL (LEBANON AVENUE)		3		13
SUBTOTAL (TABLE 1)		9		48
TOTAL		12		61

SIDEWALK REMOVAL SCHEDULE				
LOCATION	SIDE	SIDEWALK REMOVAL		
		SQ FT	SQ FT	SQ FT
IL ROUTE 159				
158+71.28	TO 159+64.73	LT	462.75	
158+71.28	TO 159+64.73	RT	616.10	
159+64.73	TO 166+14.34	LT	3,966.05	
159+64.73	TO 166+14.34	RT	4,702.22	
166+14.34	TO 168+58.56	LT	709.44	
166+14.34	TO 168+58.56	RT	1,708.02	
168+58.56	TO 170+08.88	LT	548.95	
168+58.56	TO 170+08.88	RT	1,133.89	
170+08.88	TO 171+70.60	LT	1,091.74	
170+08.88	TO 171+70.60	RT	1,746.41	
171+70.60	TO 179+46.60	LT	7,313.60	
171+70.60	TO 179+46.60	RT	7,035.03	
179+46.60	TO 180+58.30	LT	0.00	
179+46.60</				

SEEDING SCHEDULE										
LOCATION	SIDE	SEEDING CLASS 1B	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL GROUND LIMESTONE	MULCH, METHOD 1			
		ACRE	POUND	POUND	POUND	TON	ACRE			
IL ROUTE 159										
158+67	TO	158+95	LT	0.003	0.27	0.27	0.27	0.006	0.003	
160+33	TO	160+82	RT	0.032	2.88	2.88	2.88	0.064	0.032	
161+29	TO	162+97	LT	0.012	1.08	1.08	1.08	0.024	0.012	
163+19	TO	164+14	LT	0.115	10.35	10.35	10.35	0.23	0.115	
164+81	TO	165+38	LT	0.010	0.9	0.9	0.9	0.02	0.010	
165+63	TO	166+08	LT	0.001	0.09	0.09	0.09	0.002	0.001	
168+33	TO	168+84	RT	0.020	1.8	1.8	1.8	0.04	0.020	
SUBTOTAL (IL ROUTE 159)				0.19	17.37	17.37	17.37	0.39	0.19	
F STREET										
300+23	TO	301+93	LT	0.135	12.15	12.15	12.15	0.27	0.135	
300+22	TO	303+53	RT	0.093	8.37	8.37	8.37	0.186	0.093	
302+08	TO	303+51	LT	0.178	16.02	16.02	16.02	0.356	0.178	
305+05	TO	305+63	RT	0.011	0.99	0.99	0.99	0.022	0.011	
305+71	TO	305+76	RT	0.0003	0.027	0.027	0.027	0.0006	0.0003	
305+91	TO	306+49	LT	0.058	5.22	5.22	5.22	0.116	0.058	
SUBTOTAL (F STREET)				0.48	42.78	42.78	42.78	0.95	0.48	
LEBANON AVENUE										
508+47	TO	509+24	LT	0.007	0.63	0.63	0.63	0.014	0.007	
510+89	TO	512+38	LT	0.011	0.99	0.99	0.99	0.022	0.011	
SUBTOTAL (LEBANON AVENUE)				0.02	1.62	1.62	1.62	0.04	0.02	
TOTAL				0.69	61.77	61.77	61.77	1.37	0.69	

STRUCTURE REMOVAL/ADJUSTMENT ITEMS SCHEDULE						
LOCATION	OFFSET	MANHOLES TO BE ADJUSTED WITH TYPE 24 FRAME AND GRATE	MANHOLES TO BE ADJUSTED WITH TYPE 3V FRAME AND GRATE	FRAMES AND LIDS, SPECIAL	REMOVING INLETS	
		EACH	EACH	EACH	EACH	
IL ROUTE 159						
159+09.83	10.56' RT			1		
160+55.51	11.47' RT			1		
160+85.77	22.55' LT				1	
160+89.15	24.92' RT		1			
164+59.54	11.55' RT			1		
164+84.94	24.76' RT				1	
164+88.36	20.42' LT				1	
168+60.73	11.62' RT			1		
168+83.19	20.32' LT			1		
168+86.49	25.39' RT				1	
172+58.97	11.49' RT			1		
172+77.40	24.47' LT				1	
176+39.89	27.92' LT				1	
176+39.99	26.01' RT				1	
176+59.46	11.48' RT			1		
180+40.64	25.96' RT				1	
180+59.56	12.94' RT			1		
180+75.21	25.54' RT				1	
180+76.84	27.66' LT				1	
SUBTOTAL (IL ROUTE 159)		0	1	8	10	
F STREET						
307+43.43	22.84' RT				1	
307+47.83	19.39' RT			1		
307+62.39	35.60' LT				1	
307+69.32	36.29' LT				1	
SUBTOTAL (F STREET)				1	3	
LEBANON AVENUE						
507+10.80	21.71' RT			1		
507+70.83	2.60' RT			1		
507+73.34	26.11' LT				1	
508+36.88	27.81' LT	1				
SUBTOTAL (LEBANON AVENUE)		1		2	1	
TOTAL		1	1	11	14	

EROSION CONTROL SCHEDULE						
LOCATION	SIDE	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION		
		FOOT	FOOT	EACH		
IL ROUTE 159						
160+88.84	25.51' LT					1
160+89.15	24.92' RT					1
164+82.07	23.27' RT					1
164+93.96	26.21' LT					1
168+75.29	18.43' RT					1
168+91.70	31.79' LT					1
172+76.37	22.47' LT					1
176+39.99	26.01' RT					1
176+41.91	23.85' LT					1
180+38.00	25.39' RT					1
180+78.00	28.30' LT					1
180+78.87	25.03' RT					1
SUBTOTAL (IL ROUTE 159)		0	0			12
ALLEY						
198+56.54	8.92' RT	TO 200+64.59	81.48' RT		271.82	
198+78.18	4.46' LT	TO 199+24.84	40.42' LT		66.16	
199+46.19	4.23' LT	TO 200+44.30	39.16' LT		102.11	
201+75.00	RT			20		
SUBTOTAL (ALLEY)				20	440.09	0
F STREET						
300+16.60	21.08' LT					1
300+17.66	18.54' RT					1
300+21.37	26.39' LT	TO 300+97.90	34.68' LT		79.89	
300+95.00	19.49' LT					1
300+95.00	15.75' RT					1
301+75.88	34.55' RT					1
301+90.86	47.94' RT					1
302+23.94	20.00' LT					1
302+23.94	19.11' RT					1
302+29.03	69.19' LT	TO 303+35.62	70.98' LT		114.81	
305+54.88	30.43' RT					1
305+61.27	23.17' LT					1
307+12.29	33.44' RT					1
307+20.89	40.53' RT					1
307+38.87	38.68' LT					1
SUBTOTAL (F STREET)				0	194.70	13
LEBANON AVENUE						
507+22.95	41.82' RT					1
507+25.50	20.00' LT					1
507+35.50	19.51' RT					1
507+74.53	23.37' LT					1
508+37.31	27.96' LT					1
509+90.84	18.46' LT					1
509+90.84	18.46' RT					1
511+23.23	18.00' RT					1
511+37.00	18.00' LT					1
511+43.98	28.90' LT					1
511+90.50	18.00' LT					1
511+90.50	18.00' RT					1
511+97.97	29.71' LT					1
SUBTOTAL (LEBANON AVENUE)				0	0	13
TOTAL				20	634.79	38

STEEL PLATE BEAM GUARDRAIL SCHEDULE	
LOCATION	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
	FOOT
G STREET	25
E STREET	25
TOTAL	50.00

EARTHWORK SCHEDULE						
LOCATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%)	FURNISHED EXCAVATION	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)		
				CU YD	CU YD	
IL ROUTE 159						
158+71.28	TO	183+76.21	1142	856.50	671	185.50
SUBTOTAL (IL ROUTE 159)			1142.00	856.50	671.00	185.50
F STREET-ALLEY						
198+56.58	TO	201+10.50	5	3.75	1029	-1025.25
201+44.42	TO	202+55.34	16	12.00	116	-104.00
SUBTOTAL (F STREET-ALLEY)			21.00	15.75	1145.00	-1129.25
F STREET						
300+22.55	TO	303+61.63	171	128.25	1432	-1303.75
304+07.63	TO	307+62.92	1075	806.25	140	666.25
SUBTOTAL (F STREET)			1246.00	934.50	1572.00	-637.50
LEBANON AVENUE						
504+74.86	TO	513+00.00	137.00	102.75	172	-69.25
SUBTOTAL (LEBANON AVENUE)			137.00	102.75	172.00	-69.25
TOTAL			2546.00	1909.50	3560.00	-1650.50

PAVEMENT REMOVAL SCHEDULE				
LOCATION	SIDE	PAVEMENT REMOVAL		
		SQ FT		
IL ROUTE 159				
158+91.32	TO	161+29.93	LT	213.15
SUBTOTAL (IL ROUTE 159)				213.15
F STREET				
300+22.51	TO	303+28.69		1264.99
304+43.52	TO	307+57.97		1340.05
SUBTOTAL (F STREET)				2605.04
TOTAL				2818.19

STORM SEWER REMOVAL SCHEDULE		
LOCATION	SIDE	STORM SEWER REMOVAL 12"
		FOOT
IL ROUTE 159		
164+80	RT	13
168+70	RT	13
172+70	LT	12
176+40	LT	10
176+40	RT	9
180+40	RT	4
180+75	RT	22
180+80	LT	3
SUBTOTAL (IL ROUTE 159)		86
F STREET		
307+50	RT	6
307+60	LT	6
SUBTOTAL (F STREET)		12
LEBANON AVENUE		
507+80	LT	3
SUBTOTAL (LEBANON AVENUE)		3
TOTAL		101

VAULT SCHEDULE											
STATION	OFFSET	HEIGHT	WIDTH	LENGTH	EXISTING WALL TYPE	EXISTING CEILING TYPE	REPAIR TYPE	CONTROLLED LOW-STRENGTH MATERIAL	MASONRY WALL CONSTRUCTION	STEEL PLATE FOR VAULTS	THIN LIFT CONCRETE OVERLAY
								CU YD	SQ FT	SQ FT	SQ YD
162+70.71	31.33	RT	2.2	2.5	2.5	BLOCK/CONCRETE	CONCRETE	1	.51		.69
170+28.60	34.55	RT	2	2	2	CONCRETE	CONCRETE	1	.30		
171+12.86	23.54	RT	6	8	9	CONCRETE	CONCRETE	1	16	24.6	8
175+90.39	27.82	RT	8	5.15	6	BRICK	BRICK	2		2.03	
176+13.93	27.31	RT	7.7	5.3	6.3	BRICK	BRICK	2		1.62	

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

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

PLAN	DATE
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NOTE BOOK NO.	
FILE NAME	

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

LANDSCAPE PLAN SCHEDULE						
LOCATION	STATION/OFFSET		DESCRIPTION	IDOT PAY ITEM	EACH	
IL ROUTE 159						
"G" STREET	160+57.68	32.58' RT	GREEN GIANT ARBORVITAE (4' TO 5' TALL)(THUJA STANDISHII X PLICATA)	EVERGREEN, THUJA PLICATA X STANDISHII (GREEN GIANT ARBORVITAE), 5' HEIGHT, CONTAINER GROWN	6	
			DAYLILIES	PERENNIAL PLANTS, ORNAMENTAL TYPE, QUART POT	14	
			SPIREA GOLDFLAME	SHRUB, SPIREA X BUMALD A GOLDFLAME (GOLD FLAME BUMALD SPIREA), 18" HEIGHT, BALLED AND BURLAPPED	12	
			GRASS, HAMELN	PERENNIAL PLANTS, PRAIRIE TYPE, 3" POT	8	
			MULCH (TWICE GROUNDED-BROWN) (4" DEEP) (SQ YD)	SHREDDED BARK MULCH 4"	154.7	
			WEED/GRASS PREVENTER (SQ YD)	WEED BARRIER FABRIC	154.7	
BED #1	165+22.33	17.03' RT	HONEY LOCUST	TREE, GLEDITSIA TRIACANTHOS INERMIS (THORNLESS COMMON HONEY LOCUST), 2 1/2" CALIPER, BALLED AND BURLAPPED	2	
			CHINA GIRL HOLLY	SHRUB, ILEX XMESERVEAE 'MESOG' (CHINA GIRL HOLLY), 2' HEIGHT, CONTAINER GROWN	3	
			RUSSIAN SAGE	PERENNIAL PLANTS, ORNAMENTAL TYPE, QUART POT	10	
			LIRIOPE-VARIGATED	PERENNIAL PLANTS, ORNAMENTAL TYPE, QUART POT	12	
			MULCH (TWICE GROUNDED-BROWN) (4" DEEP) (SQ YD)	SHREDDED BARK MULCH 4"	19.9	
			WEED/GRASS PREVENTER (SQ YD)	WEED BARRIER FABRIC	19.9	
"E" STREET	168+58.18	27.79' RT	YEW DENSIFORMUS	EVERGREEN, TAXUS X MEDIA DENSIFORMIS DENSE ANGLOJANPANESE YEW), 1 1/2" WIDTH, BALLED AND BURLAPPED	7	
			DAYLILIES	PERENNIAL PLANTS, ORNAMENTAL TYPE, QUART POT	15	
			EUONYMUS GAIETY	PERENNIAL PLANTS, ORNAMENTAL TYPE, QUART POT	10	
			MULCH (TWICE GROUNDED-BROWN) (4" DEEP) (SQ YD)	SHREDDED BARK MULCH 4"	98.9	
			WEED/GRASS PREVENTER (SQ YD)	WEED BARRIER FABRIC	98.9	
BED #2	170+30.88	20.58' RT	HONEY LOCUST	TREE, GLEDITSIA TRIACANTHOS INERMIS (THORNLESS COMMON HONEY LOCUST), 2 1/2" CALIPER, BALLED AND BURLAPPED	2	
			CHINA GIRL HOLLY	SHRUB, ILEX XMESERVEAE 'MESOG' (CHINA GIRL HOLLY), 2' HEIGHT, CONTAINER GROWN	3	
			RUSSIAN SAGE	PERENNIAL PLANTS, ORNAMENTAL TYPE, QUART POT	10	
			LIRIOPE-VARIGATED	PERENNIAL PLANTS, ORNAMENTAL TYPE, QUART POT	12	
			MULCH (TWICE GROUNDED-BROWN) (4" DEEP) (SQ YD)	SHREDDED BARK MULCH 4"	17.5	
			WEED/GRASS PREVENTER (SQ YD)	WEED BARRIER FABRIC	17.5	
BED #4	175+03.82	20.58' LT	GINGKO PRINCETON SENTRY (MALE UPRIGHT)	TREE, GINGKO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINGKO), 2" CALIPER, BALLED AND BURLAPPED	2	
			ROSE KNOCKOUT	SHRUB, ROSA X KNOCK OUT (KNOCK OUT ROSE), CONTAINER GROWN, 3-GALLON	7	
			HYD. ARBOR ANNABELLE	SHRUB, HYDRANGEA ARBORESCENS ANNABELLE (ANNABELLE SMOOTH HYDRANGEA), 2' HEIGHT CONTAINER	10	
			MULCH (TWICE GROUNDED-BROWN) (4" DEEP) (SQ YD)	SHREDDED BARK MULCH 4"	18.5	
			WEED/GRASS PREVENTER (SQ YD)	WEED BARRIER FABRIC	18.5	
BED #3	175+42.12	20.58' RT	GINGKO PRINCETON SENTRY (MALE UPRIGHT)	TREE, GINGKO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINGKO), 2" CALIPER, BALLED AND BURLAPPED	2	
			ROSE KNOCKOUT	SHRUB, ROSA X KNOCK OUT (KNOCK OUT ROSE), CONTAINER GROWN, 3-GALLON	7	
			HYD. ARBOR ANNABELLE	SHRUB, HYDRANGEA ARBORESCENS ANNABELLE (ANNABELLE SMOOTH HYDRANGEA), 2' HEIGHT CONTAINER	10	
			MULCH (TWICE GROUNDED-BROWN) (4" DEEP) (SQ YD)	SHREDDED BARK MULCH 4"	18.9	
			WEED/GRASS PREVENTER (SQ YD)	WEED BARRIER FABRIC	18.9	
BED #5	178+67.91	20.58' RT	GINGKO PRINCETON SENTRY (MALE UPRIGHT)	TREE, GINGKO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINGKO), 2" CALIPER, BALLED AND BURLAPPED	2	
			YEW, HICKS	EVERGREEN, TAXUS X MEDIA HICKS II (HICKS ANGLOJAPANESE YEW) 2' WIDTH CONTAINER	5	
			ITEA, HENRYS GARNETT	SHRUB, ITEA VIRGINIA LITTLE HENRY (LITTLE HENRY VIRGINIA SWEETSPIRE), CONTAINER GROWN, 5-GALLON	8	
			MULCH (TWICE GROUNDED-BROWN) (4" DEEP) (SQ YD)	SHREDDED BARK MULCH 4"	23.2	
			WEED/GRASS PREVENTER (SQ YD)	WEED BARRIER FABRIC	23.2	
BED #6	178+67.91	20.58' LT	GINGKO PRINCETON SENTRY (MALE UPRIGHT)	TREE, GINGKO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINGKO), 2" CALIPER, BALLED AND BURLAPPED	2	
			YEW, HICKS	EVERGREEN, TAXUS X MEDIA HICKS II (HICKS ANGLOJAPANESE YEW) 2' WIDTH CONTAINER	5	
			ITEA, HENRYS GARNETT	SHRUB, ITEA VIRGINIA LITTLE HENRY (LITTLE HENRY VIRGINIA SWEETSPIRE), CONTAINER GROWN, 5-GALLON	8	
			MULCH (TWICE GROUNDED-BROWN) (4" DEEP) (SQ YD)	SHREDDED BARK MULCH 4"	30.8	
			WEED/GRASS PREVENTER (SQ YD)	WEED BARRIER FABRIC	30.8	

05119 Sched Quant.dwg

USER NAME = Benedict J. Whelan

DESIGNED - B.J.W.

REVISED -

PLOT SCALE =

DRAWN - S.J.

REVISED -

PLOT DATE = 3/10/2015

CHECKED - E.R.O.

REVISED -

DATE - DATE

REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET NO. 21 OF 157 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	05-00206-00-WR	ST. CLAIR	157	21
CONTRACT NO. 97442				
ILLINOIS FED. AID PROJECT				

DATE: _____
 BY: _____
 SURVEYED _____
 PLOTTED _____
 CHECKED _____
 PLAN NO. _____
 NOTE BOOK NO. _____
 DATE FILED _____

DATE: _____
 BY: _____
 SURVEYED _____
 PLOTTED _____
 CHECKED _____
 PROFILE NO. _____
 NOTE BOOK NO. _____
 DATE FILED _____

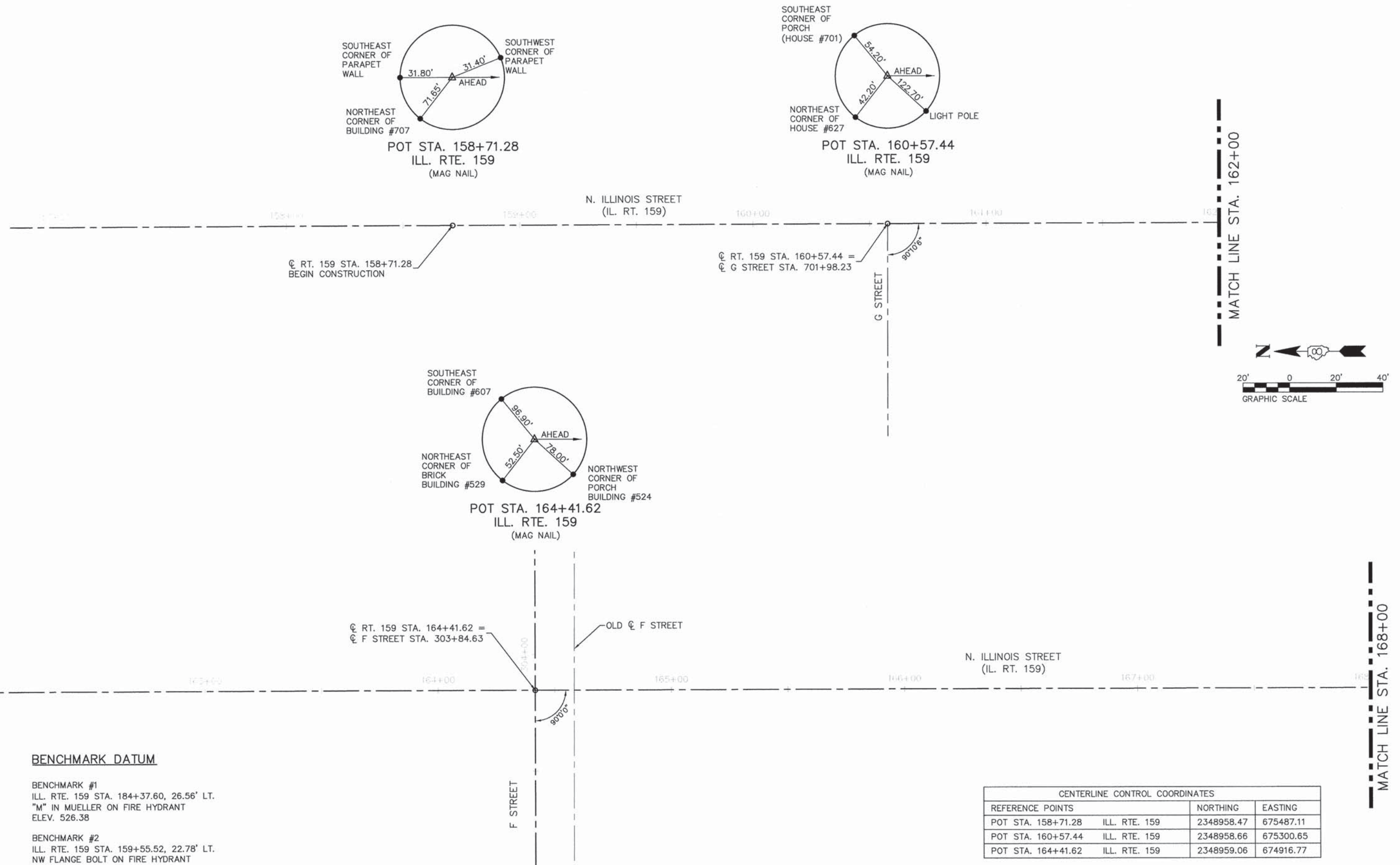
STORM SEWER SCHEDULE						
DOWNSTREAM STRUCTURE	UPSTREAM STRUCTURE	STORM SEWER PIPES, CLASS A, TYPE 2, 12"	STORM SEWER PIPES, CLASS A, TYPE 2, 15"	STORM SEWER PIPES, CLASS A, TYPE 2, 18"	CONCRETE COLLAR	TRENCH BACKFILL
		FOOT	FOOT	FOOT	CU YD	CU YD
ILLINOIS ROUTE 159						
EX MH	100	4			2.5	1.488
102A	102	10				2.518
EX MH	103	9			2.5	3.447
105	106	15				7.620
107A	107	15				3.436
108A	108	11				2.558
109A	109	11				2.608
110A	110	8			2.5	1.926
111A	111	11			2.5	2.584
EX MH	112	17				4.012
SUBTOTAL (IL ROUTE 159)		111			10.00	32.20
F STREET						
EX GI	201	77				54.824
201	206	35				33.355
201	202	129				168.474
202	203	39				67.197
203	204	43				37.320
204	205	20				11.348
210	211	26				7.45
211	212	27				9.77
212	213	189				137.59
213	214	54				37.99
SUBTOTAL (F STREET)		639			0	565.33
LEBANON AVENUE						
EX MH	313			19		16.09
313	314		10			6.59
EX MH	301	63				23.63
301	307	19				13.83
307	308	10				3.83
301	302	159				45.95
302	303	132				42.24
303	304	39				14.55
304	305	54				19.55
305	306	36				12.67
302	309	38				10.56
304	310	13				5.10
305	311	14				4.87
SUBTOTAL (LEBANON AVENUE)		577	10	19	0	219.46
TOTAL		1327	10	19	10	816.98

STORM SEWER & DRAINAGE STRUCTURE SCHEDULE														
STRUCTURE NUMBER	LOCATION STATION/OFFSET	INLETS, TYPE B, SPECIAL, TYPE 3V FRAME & GRATE	INLETS, TYPE B, SPECIAL, WITH FRAME & GRATE SPECIAL	INLETS, TYPE B, TYPE 24 FRAME & GRATE	INLETS, TYPE B, TYPE 3V FRAME & GRATE	INLETS, TYPE B, TYPE 1 FRAME, OPEN LID	INLETS, TYPE B, TYPE 8 GRATE	INLETS, TYPE B, TYPE 3 FRAME & GRATE	MANHOLE, SPECIAL	FRAMES AND LIDS, SPECIAL	RIM ELEV.	INVERT ELEV.	TRAPPED INVERT ELEV.	
IL ROUTE 159														
100	160+88.84 26.00' LT	1									505.86	500.62	498.62	
102	164+72.98 28.95' RT			1							515.68	509.20	507.20	
102A	164+72.98 18.54' RT								1	1				
103	164+94.16 26.66' LT	1									515.22	509.82	507.82	
104	168+75.28 18.92' RT	1									525.35	518.01	516.01	
106	168+91.81 32.27' LT	1									525.40	520.29	518.29	
107	172+85.57 19.02' LT			1							529.63	524.61	522.61	
107A	172+71.95 13.85' LT								1	1				
108	176+41.45 29.61' RT			1										
108A	176+44.25 20.52' RT								1	1				
109	176+33.19 19.14' LT			1							527.34	522.33	520.33	
109A	176+44.25 19.14' LT								1	1				
110	180+42.50 34.71' RT			1							517.80	512.60	510.60	
110A	180+44.30 26.76' RT								1	1				
111	180+74.97 37.04' LT			1							517.82	511.60	509.60	
111A	180+74.08 26.13' LT								1	1				
112	180+74.72 34.81' RT		1								517.65	513.50	513.50	
SUBTOTAL (IL ROUTE 159)		4	1	6	0	0	0	0	6	6				
F STREET														
201	300+95.00 19.49' LT					1					502.01	495.32		
202	302+23.94 20.00' LT					1					508.18	495.97		
203	302+23.94 19.11' RT					1					508.19	496.17		
204	301+90.90 47.95' RT							1			506.38	496.39		
205	301+75.88 34.55' RT							1			504.30	496.50		
206	300+95.00 15.75' RT					1					502.06	495.50		
210	307+63.24 51.49' LT								1	1	508.54	502.01		
211	307+60.36 54.55' LT									1	507.85	505.43		
212	307+38.87 38.68' LT					1					508.23	505.57		
213	305+61.27 23.17' LT					1					513.24	507.60		
214	305+54.88 30.43' RT					1					513.23	508.14		
SUBTOTAL (F STREET)		0	0	7	1	1	1	1	1	1				
LEBANON AVENUE														
301	508+31.54 19.83' RT								1	1	509.78	505.42	503.42	
302	509+90.84 18.95' RT					1					515.29	511.00		
303	511+23.23 18.00' RT					1					519.93	514.97		
304	511+37.00 18.00' LT					1					520.40	515.36		
305	511+90.50 18.00' LT					1					522.28	517.23		
306	511+90.50 18.00' RT					1					522.28	517.59		
307	508+24.86 38.02' RT					1					509.00	505.61		
308	508+22.19 47.66' RT									1	508.66	505.71		
309	509+90.84 18.95' LT					1					515.29	511.38		
310	511+43.98 28.90' LT									1	519.80	515.49		
311	511+97.97 29.71' LT									1	521.70	517.79		
312	507+74.24 23.76' LT	1									508.70	502.20		
313	507+25.50 20.00' LT	1									508.56	504.63		
314	507+35.50 20.00' LT									1	508.53	504.73		
SUBTOTAL (LEBANON AVENUE)		2	0	7	0	2	2	1	1					
TOTAL		6	1	6	14	1	3	3	8	8				

NOTE: STATION, OFFSET & RIM ELEV. ARE TO THE EDGE OF PAVEMENT UNLESS NOTED.
 *INDICATES MEASUREMENTS AT CENTER OF STRUCTURE.
 **INDICATES MEASUREMENTS AT DOWNSTREAM END OF FLARED END SECTION.

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BENCHMARK DATUM

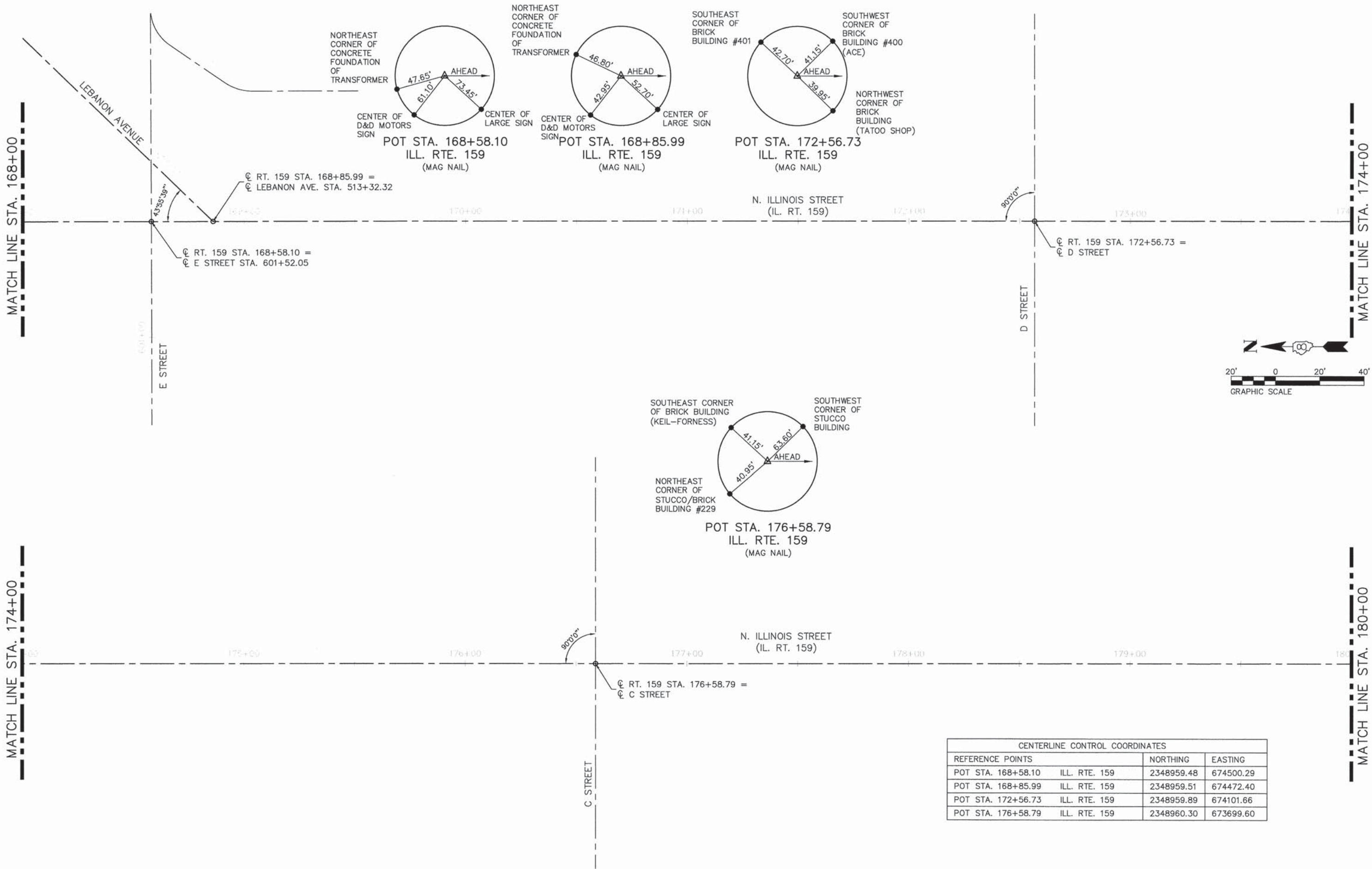
BENCHMARK #1
ILL. RTE. 159 STA. 184+37.60, 26.56' LT.
"M" IN MUELLER ON FIRE HYDRANT
ELEV. 526.38

BENCHMARK #2
ILL. RTE. 159 STA. 159+55.52, 22.78' LT.
NW FLANGE BOLT ON FIRE HYDRANT
ELEV. 505.17

CENTERLINE CONTROL COORDINATES			
REFERENCE POINTS		NORTHING	EASTING
POT STA. 158+71.28	ILL. RTE. 159	2348958.47	675487.11
POT STA. 160+57.44	ILL. RTE. 159	2348958.66	675300.65
POT STA. 164+41.62	ILL. RTE. 159	2348959.06	674916.77

PLAN	DATE
REVISED	BY
NOTED	DATE
ALIGNMENT CHECKED	
RT. OF WAY CHECKED	
NO. FILE NAME	

PROFILE	DATE
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NOTED	DATE
GRADES CHECKED	
E.M. NOTED	
STRUCTURE NOTATIONS CHECKED	



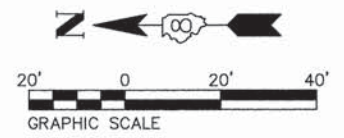
CENTERLINE CONTROL COORDINATES			
REFERENCE POINTS		NORTHING	EASTING
POT STA. 168+58.10	ILL. RTE. 159	2348959.48	674500.29
POT STA. 168+85.99	ILL. RTE. 159	2348959.51	674472.40
POT STA. 172+56.73	ILL. RTE. 159	2348959.89	674101.66
POT STA. 176+58.79	ILL. RTE. 159	2348960.30	673699.60

05119 Alignments.DWG	USER NAME = Cynthia J. Hermanns	DESIGNED - B.J.W.	REVISED -
		DRAWN - S.J.	REVISED -
		CHECKED - E.R.O.	REVISED -
		DATE - DATE	REVISED -
	PLOT SCALE =		
	PLOT DATE = 2/13/2015		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENTS, TIES AND BENCHMARKS	
ILLINOIS ROUTE 159	
SCALE:	SHEET NO. 24 OF 157 SHEETS
STA. 168+00	TO STA. 180+00

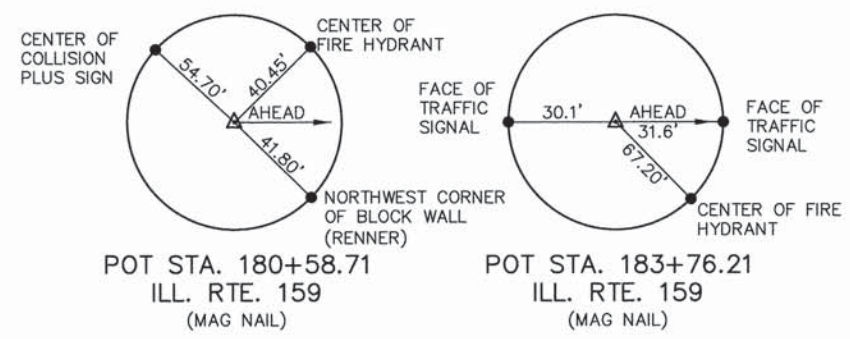
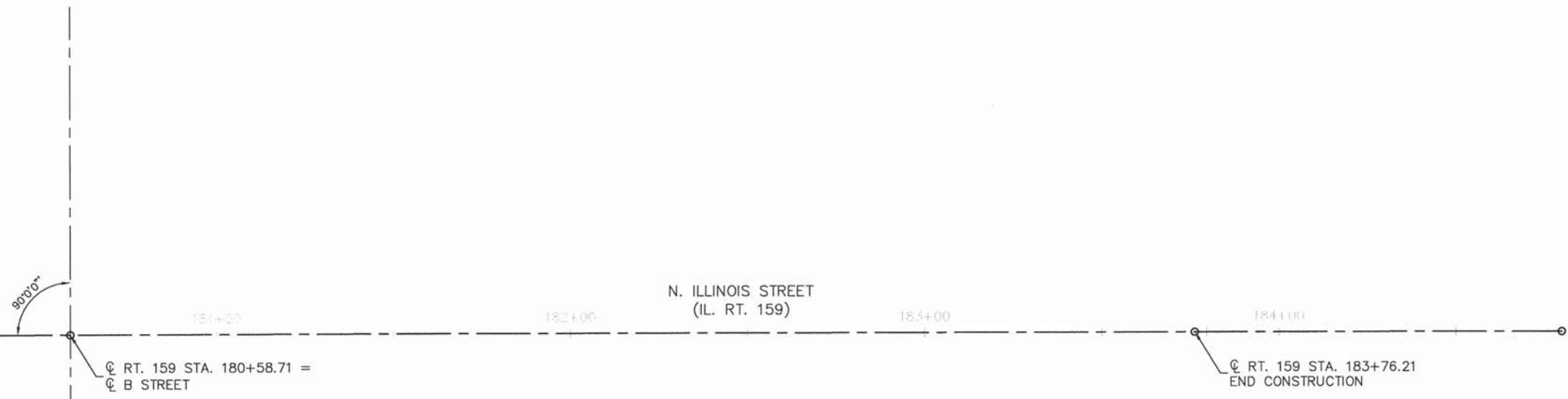
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	05-00206-00-WR	ST. CLAIR	157	24
CONTRACT NO. 97442				
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	BY	DATE
	ALIGNED		
	RT. OF WAY		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
	GRADES		
	NOTED		
	STRUCTURE		

MATCH LINE STA. 180+00



CENTERLINE CONTROL COORDINATES			
REFERENCE POINTS		NORTHING	EASTING
POT STA. 180+58.71	ILL. RTE. 159	2348960.71	673299.68
POT STA. 183+76.21	ILL. RTE. 159	2348961.03	672982.18

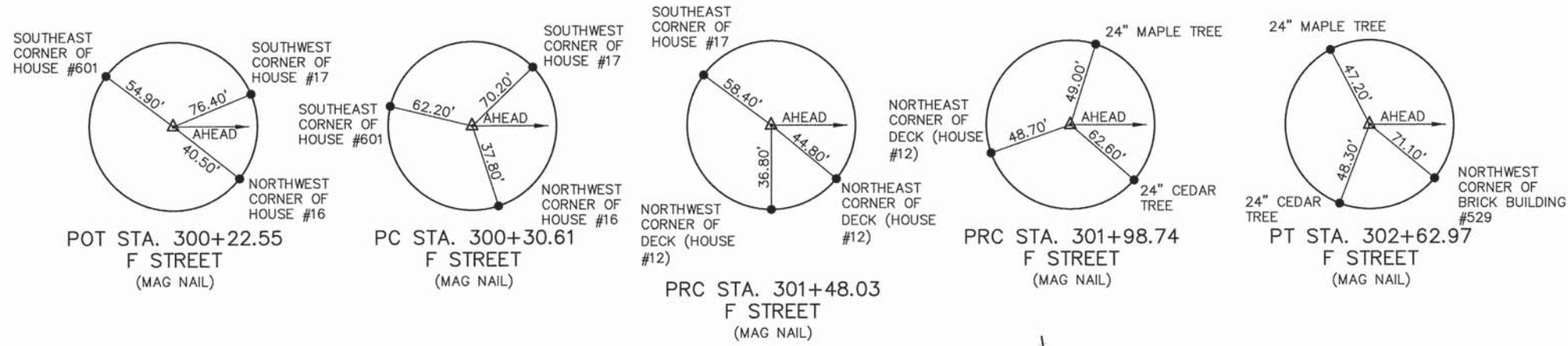
BENCHMARK DATUM

BENCHMARK #1
ILL. RTE. 159 STA. 184+37.60, 26.56' LT.
"M" IN MUELLER ON FIRE HYDRANT
ELEV. 526.38

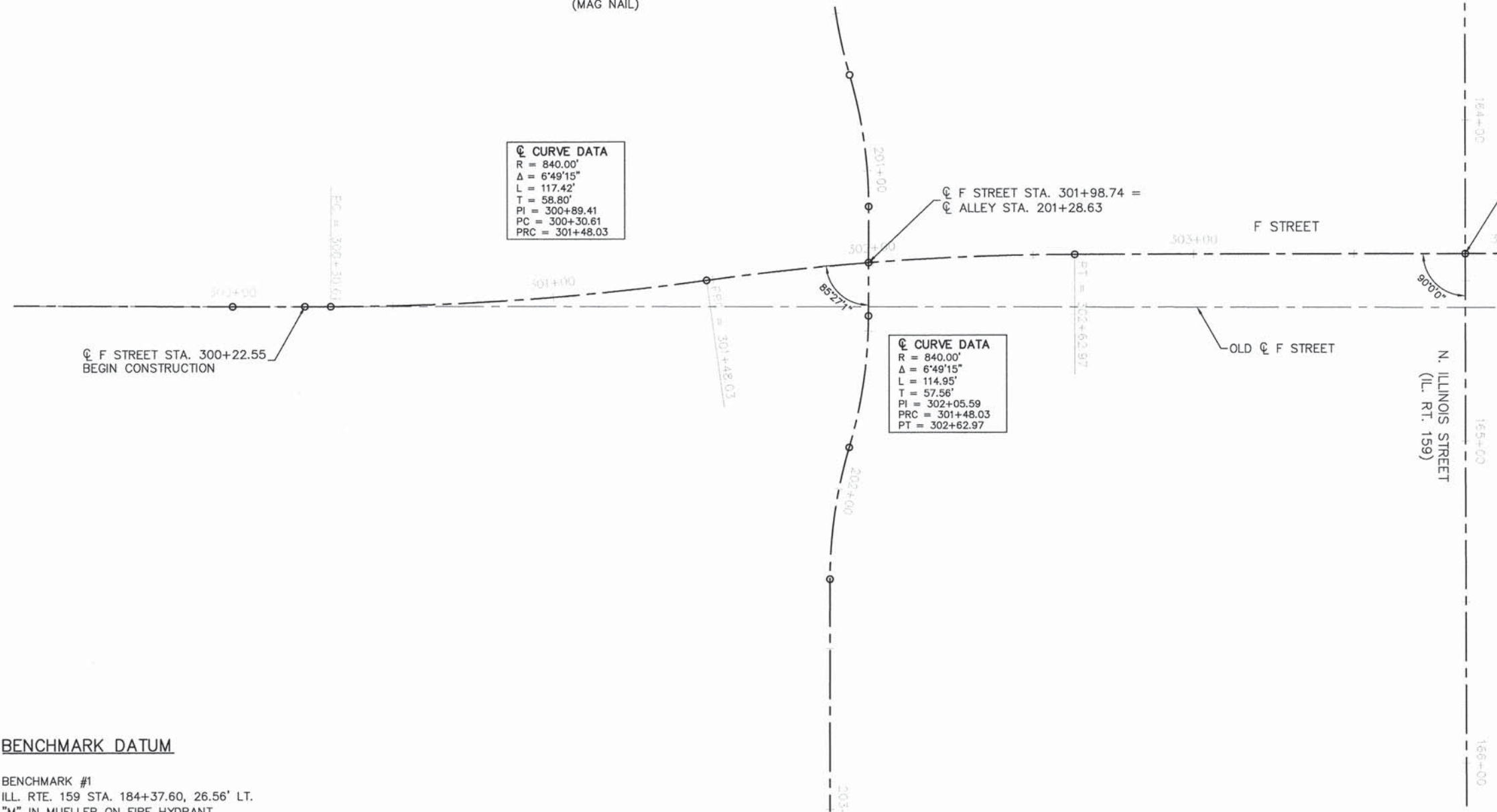
BENCHMARK #2
ILL. RTE. 159 STA. 159+55.52, 22.78' LT.
NW FLANGE BOLT ON FIRE HYDRANT
ELEV. 505.17

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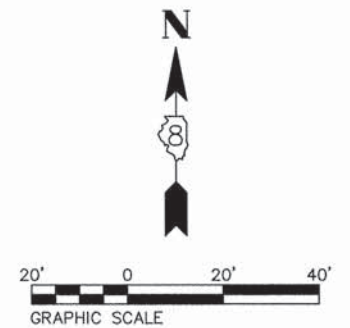
CENTERLINE CONTROL COORDINATES		
REFERENCE POINTS	NORTHING	EASTING
POT STA. 300+22.55 F STREET	2348597.70	674900.72
PC STA. 300+30.61 F STREET	2348605.76	674900.71
PRC STA. 301+48.03 F STREET	2348722.81	674908.67
PRC STA. 301+98.74 F STREET	2348773.22	674914.12
PT STA. 302+62.97 F STREET	2348837.39	674916.64



BENCHMARK DATUM

BENCHMARK #1
ILL. RTE. 159 STA. 184+37.60, 26.56' LT.
"M" IN MUELLER ON FIRE HYDRANT
ELEV. 526.38

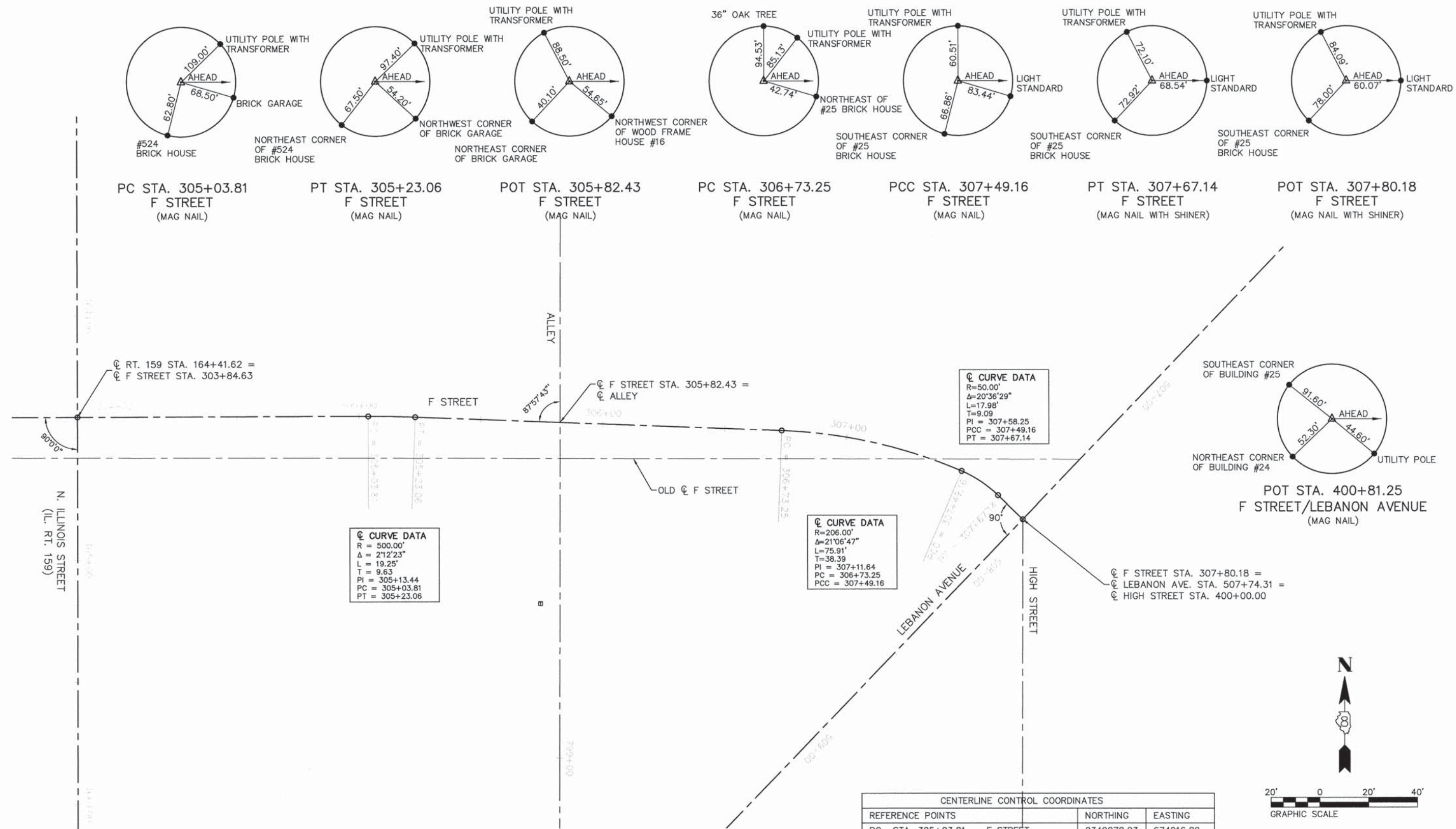
BENCHMARK #2
ILL. RTE. 159 STA. 159+55.52, 22.78' LT.
NW FLANGE BOLT ON FIRE HYDRANT
ELEV. 505.17



05119 Alignments.DWG	USER NAME = Cynthia J. Hermanns	DESIGNED - B.J.W.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENTS, TIES AND BENCHMARKS F STREET	F.A.U. RTE. 600	SECTION 05-00206-00-WR	COUNTY ST. CLAIR	TOTAL SHEETS 157	SHEET NO. 26
	PLOT SCALE =	CHECKED - E.R.O.	REVISED -			SCALE:	SHEET NO. 26 OF 157 SHEETS	STA. 300+22.55 TO STA. 303+84.63	CONTRACT NO. 97442 ILLINOIS FED. AID PROJECT	
	PLOT DATE = 2/18/2015	DATE - DATE	REVISED -							

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STRUCTURE NOTATIONS	
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☉ CURVE DATA

R=50.00'
 $\Delta=20^{\circ}36'29''$
 L=17.98'
 T=9.09'
 PI = 307+58.25
 PC = 307+49.16
 PT = 307+67.14

☉ CURVE DATA

R=206.00'
 $\Delta=21^{\circ}06'47''$
 L=75.91'
 T=38.39'
 PI = 307+11.64
 PC = 306+73.25
 PCC = 307+49.16

☉ CURVE DATA

R = 500.00'
 $\Delta = 21^{\circ}2'23''$
 L = 19.25'
 T = 9.63'
 PI = 305+13.44
 PC = 305+03.81
 PT = 305+23.06

CENTERLINE CONTROL COORDINATES		
REFERENCE POINTS	NORTHING	EASTING
PC STA. 305+03.81 F STREET	2349078.23	674916.89
PT STA. 305+23.06 F STREET	2349097.48	674916.54
POT STA. 305+82.43 F STREET	2349156.80	674914.32
PC STA. 306+73.25 F STREET	2349247.56	674910.91
PCC STA. 307+49.16 F STREET	2349321.19	674894.31
PT STA. 307+67.14 F STREET	2349336.09	674884.42
POT STA. 307+80.18 F STREET	2349346.23	674874.70
POT STA. 400+81.25 HIGH STREET	2349346.07	674793.45

05119 Alignments.DWG

USER NAME = Cynthia J. Hermanns	DESIGNED - B.J.W.	REVISED -
	DRAWN - S.J.	REVISED -
PLOT SCALE =	CHECKED - E.R.O.	REVISED -
PLOT DATE = 2/18/2015	DATE - DATE	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

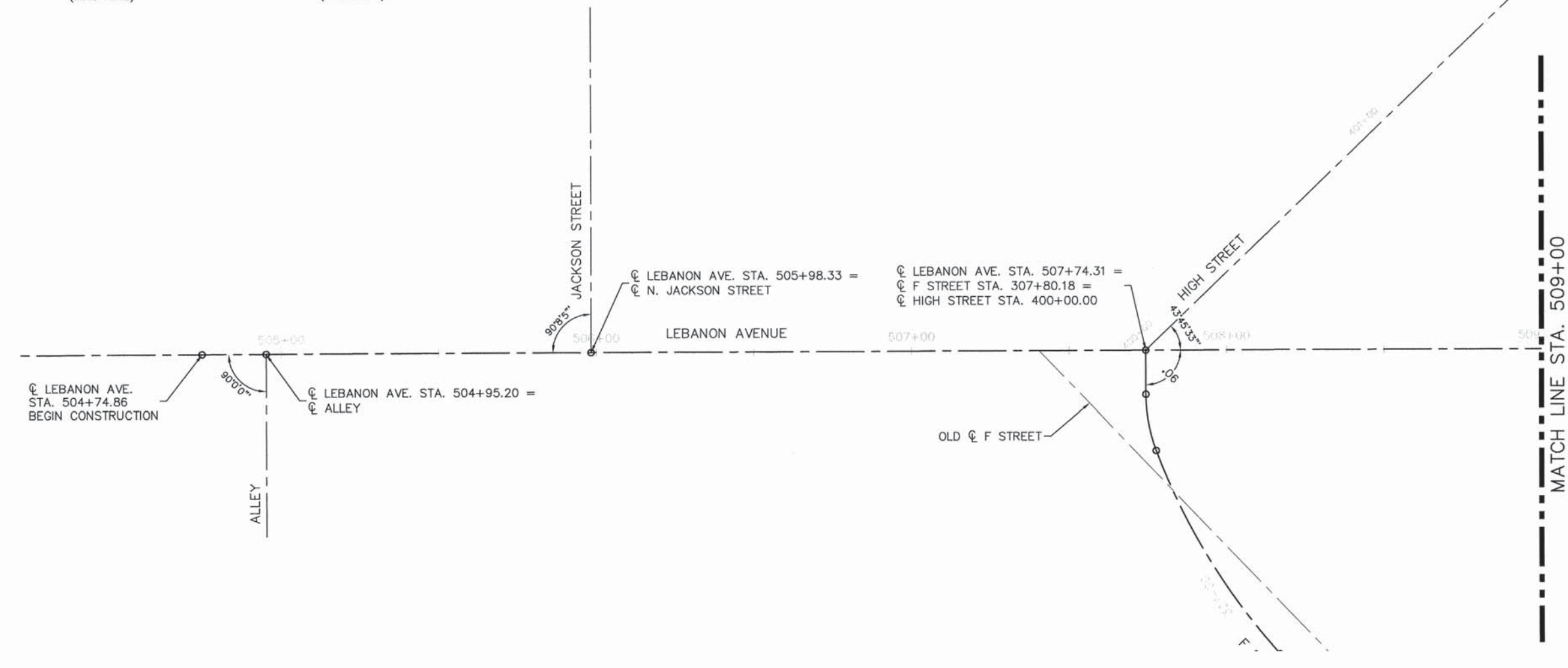
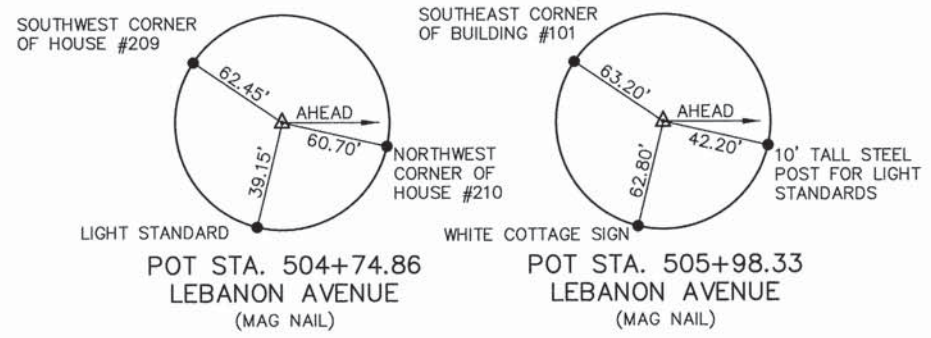
**ALIGNMENTS, TIES AND BENCHMARKS
F STREET**

SCALE: SHEET NO. 27 OF 157 SHEETS STA. 303+84.63 TO STA. 307+80.18

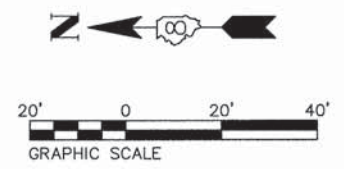
F.A.U. RTE. 600	SECTION 05-00206-00-WR	COUNTY ST. CLAIR	TOTAL SHEETS 157	SHEET NO. 27
CONTRACT NO. 97442				ILLINOIS FED. AID PROJECT

PLAN	DATE
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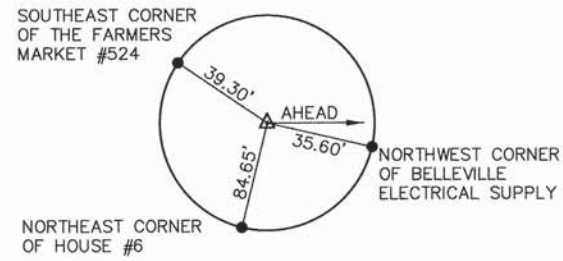


CENTERLINE CONTROL COORDINATES			
REFERENCE POINTS		NORTHING	EASTING
POT STA. 504+74.86	LEBANON AVENUE	2349553.73	675090.57
POT STA. 505+98.33	LEBANON AVENUE	2349468.17	675001.56

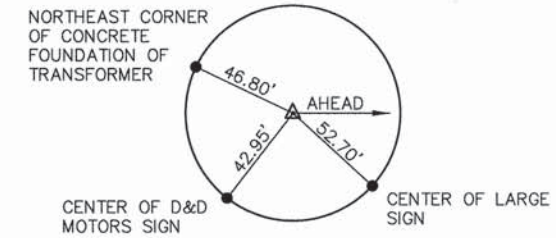


PLAN	REVISIONS	DATE
NOTE BOOK NO.	PLOTTED	BY
	ALIGNMENT CHECKED	
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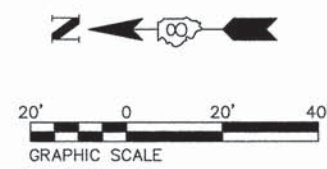
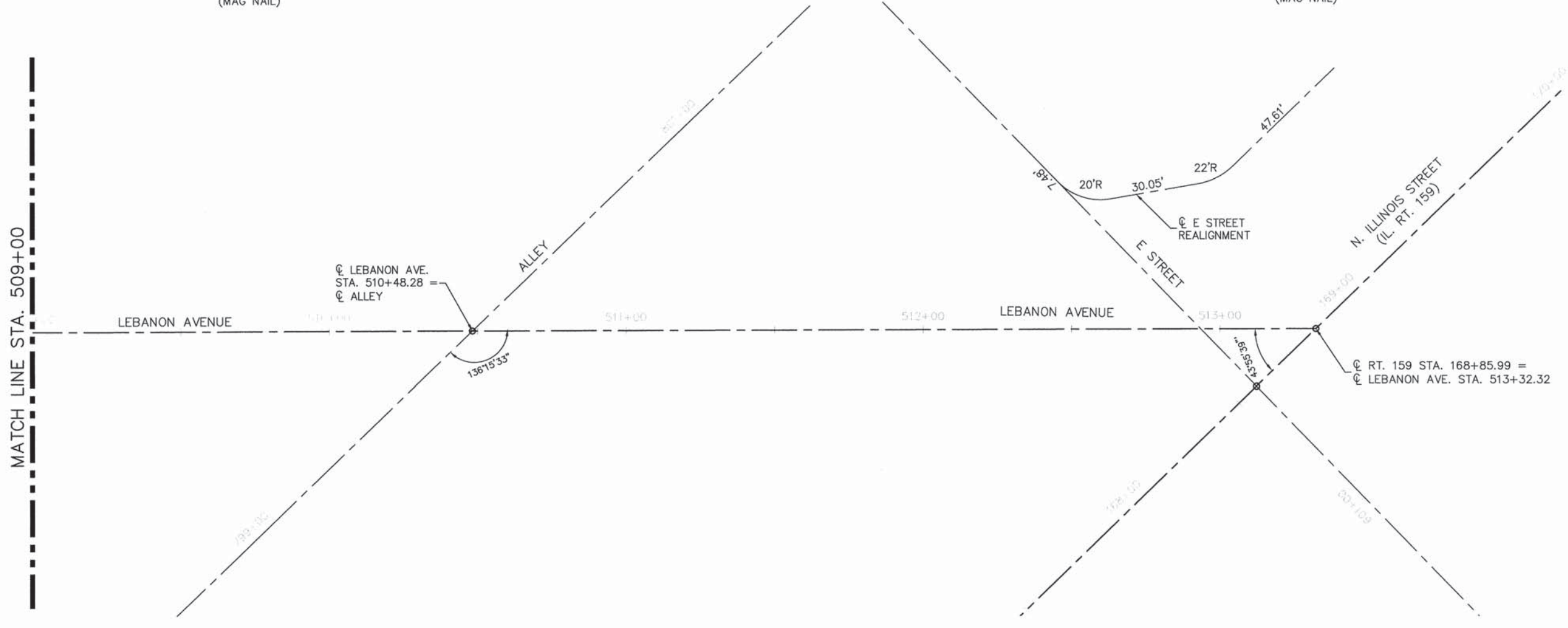
PROFILE	REVISIONS	DATE
NOTE BOOK NO.	GRADES CHECKED	BY
	MARK NOTED	
	STRUCTURE NOTATIONS CHKD	



POT STA. 510+48.28
LEBANON AVENUE
(MAG NAIL)



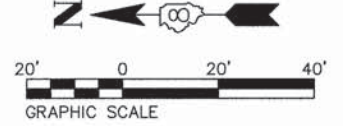
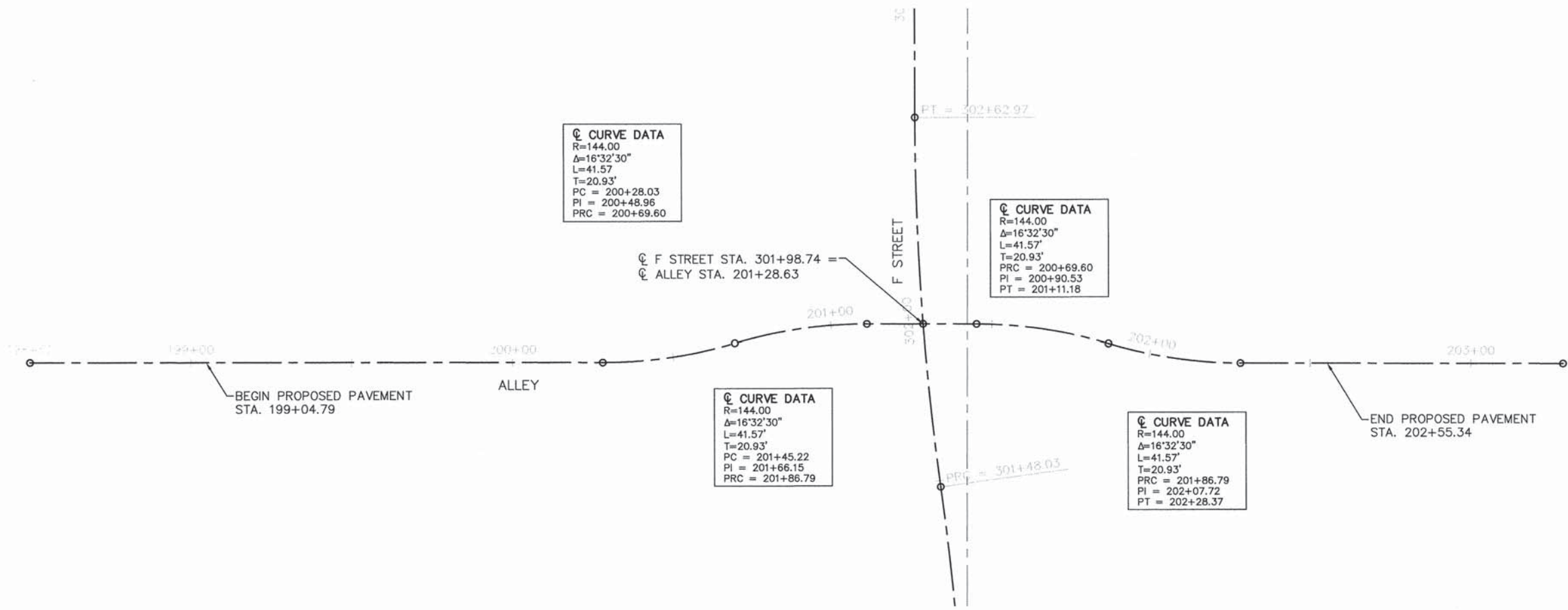
POT STA. 513+32.32
LEBANON AVENUE
(MAG NAIL)



CENTERLINE CONTROL COORDINATES			
REFERENCE POINTS		NORTHING	EASTING
POT STA. 510+48.28	LEBANON AVENUE	2349156.35	674677.18
POT STA. 513+32.32	LEBANON AVENUE	2348959.51	674472.40

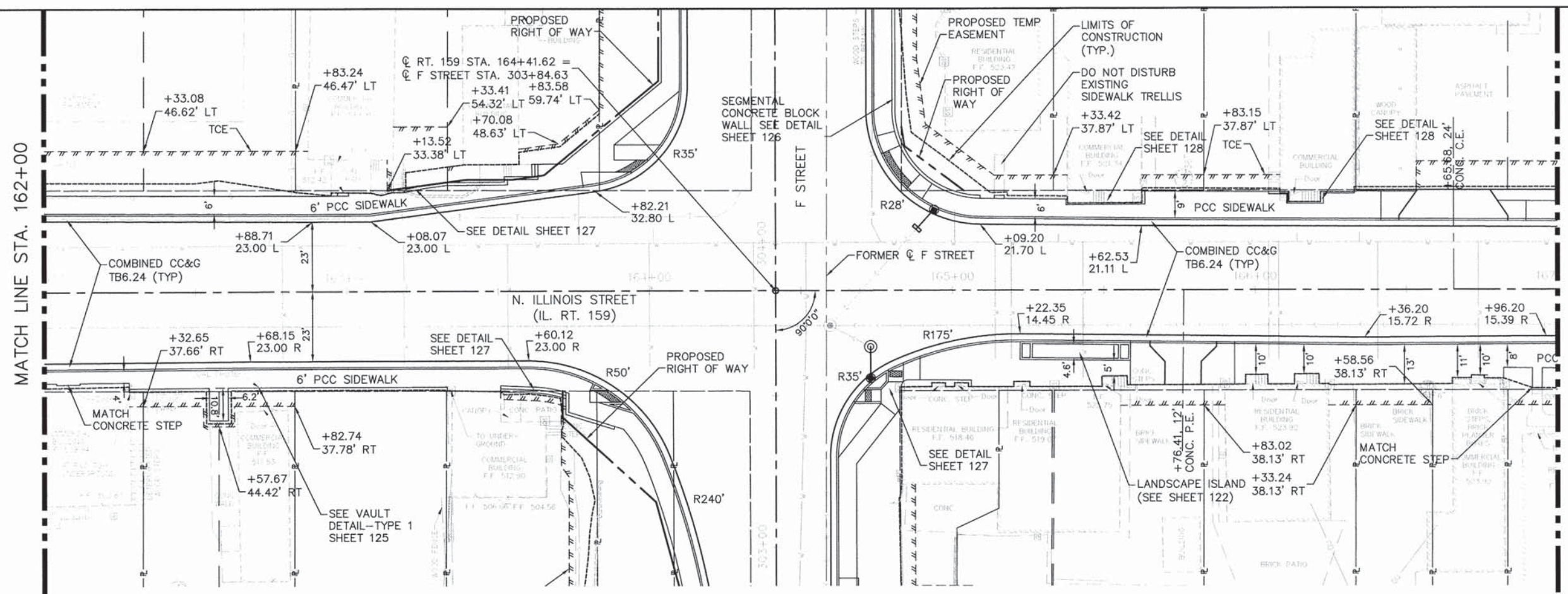
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NOTE BOOK	CHECKED	BY
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NOTE BOOK	CHECKED	BY
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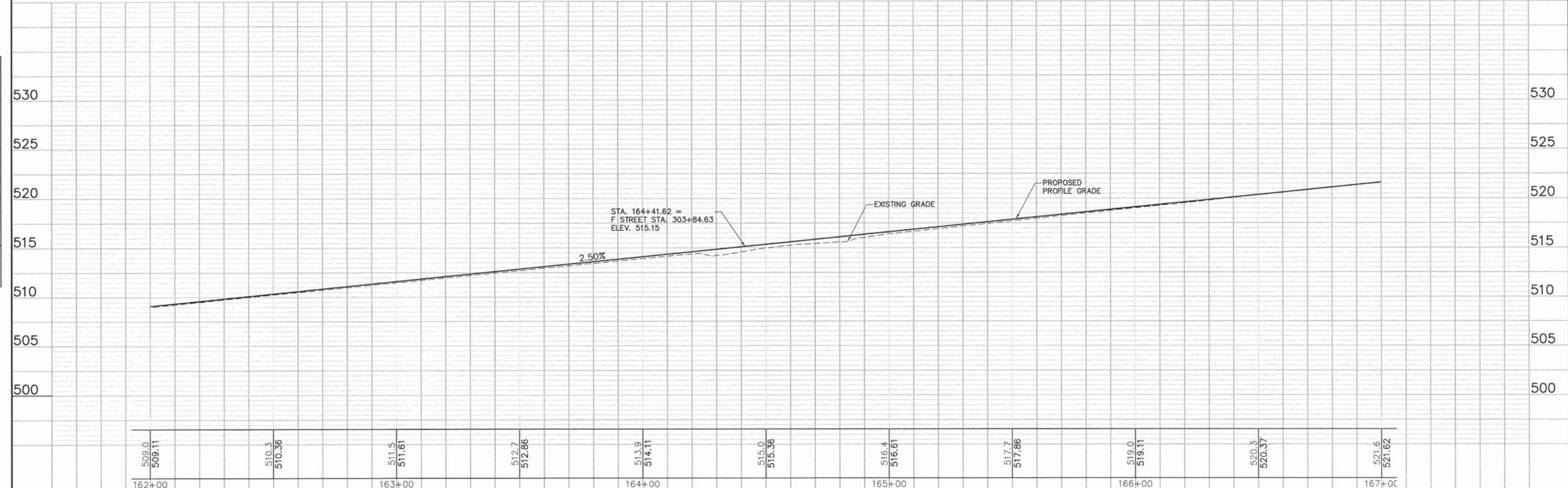
05119 Alignments.DWG	USER NAME = Cynthia J. Hermanns	DESIGNED - B.J.W.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENTS, TIES AND BENCHMARKS ALLEY OFF F STREET	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED - E.R.O.	REVISED -			600	05-00206-00-WR	ST. CLAIR	157	30
PLOT DATE = 2/13/2015	DATE - DATE	REVISED -	SCALE:		SHEET NO. 30 OF 157 SHEETS		STA. 198+56.58	TO STA. 202+55.34	CONTRACT NO. 97442	
						ILLINOIS FED. AID PROJECT				

PLAN	REVISIONS	DATE
NO.	PLOTTED	
	ALIGNMENT CHECKED	
	BY FILE NAME	



NOTE:
ALL DIMENSIONS AND RADIUS
ARE TO EDGE OF PAVEMENT
UNLESS OTHERWISE NOTED.

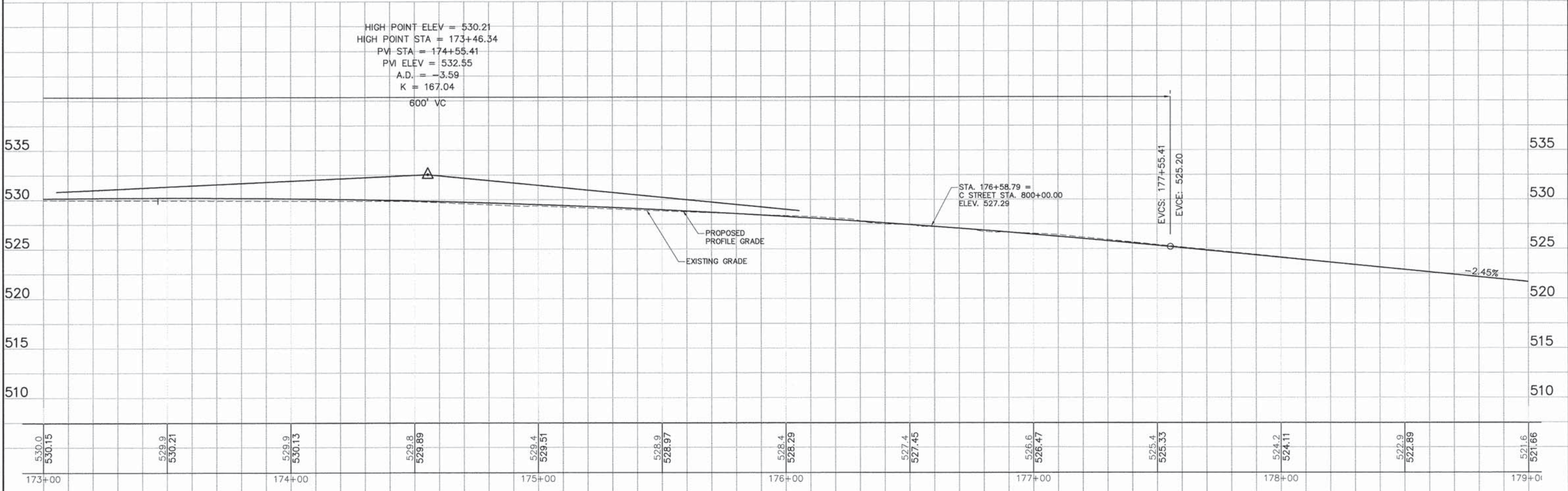
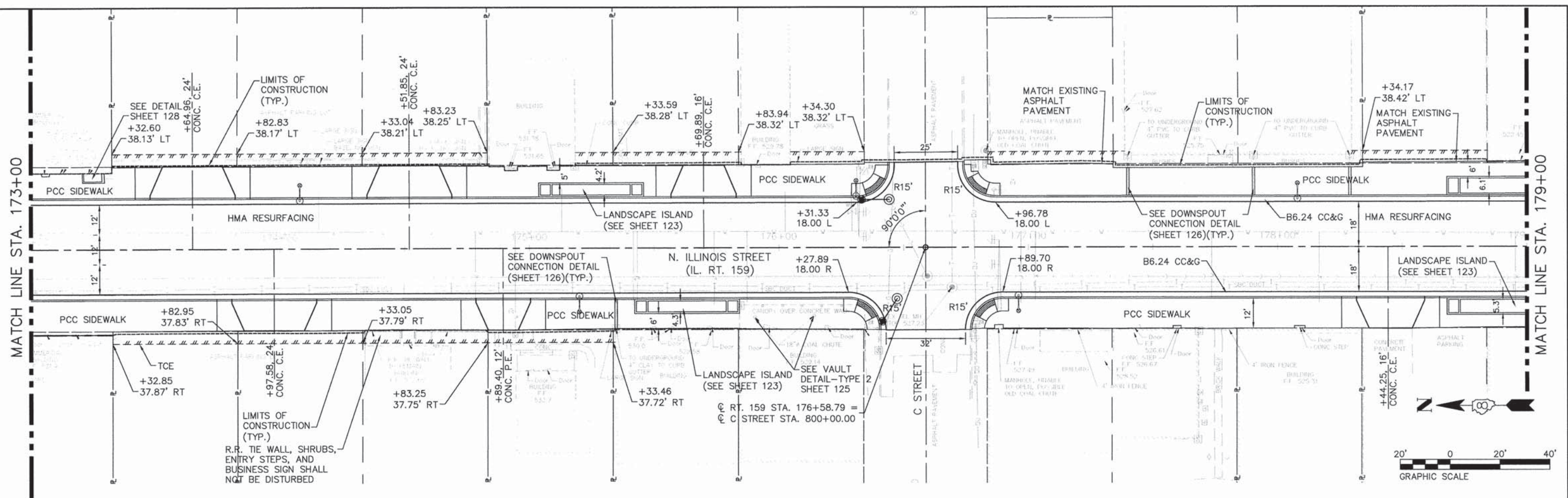
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NO.	PLOTTED	
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05119 Overall-R02.DWG	USER NAME = Cynthia J. Hermanns	DESIGNED - J.S.A.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE ILLINOIS ROUTE 159	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE =	DRAWN - S.J.	REVISED -			600	05-00206-00-WR	ST. CLAIR	157	32	
	PLOT DATE = 2/18/2015	CHECKED - E.R.O.	REVISED -			CONTRACT NO. 97442					
		DATE - DATE	REVISED -			ILLINOIS FED. AID PROJECT					

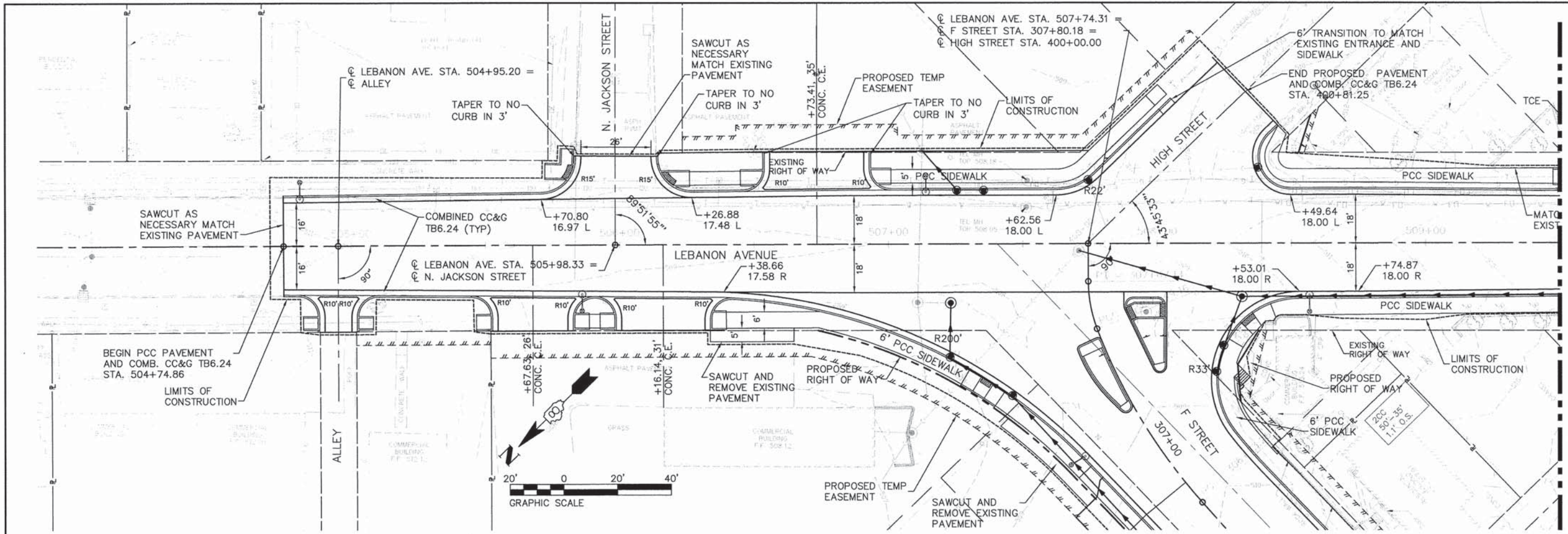
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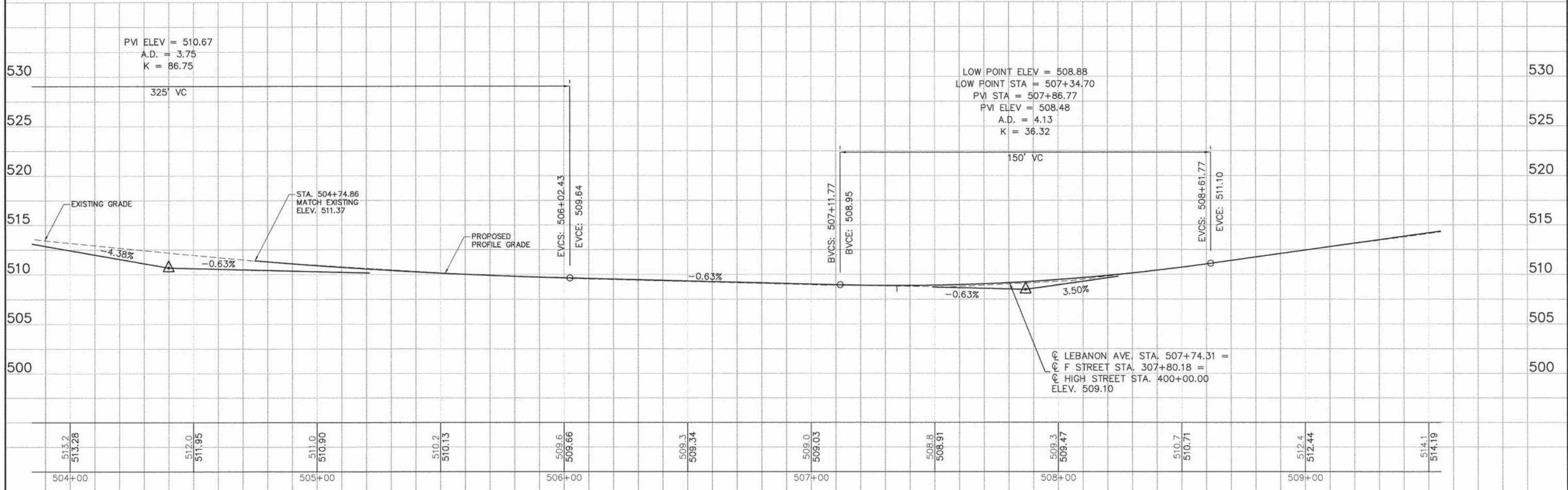
05119 Overall-R02.DWG	USER NAME = Cynthia J. Hermanns	DESIGNED - J.S.A.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE ILLINOIS ROUTE 159	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - S.J.	REVISED -			600	05-00206-00-WR	ST. CLAIR	157	34	
		CHECKED - E.R.O.	REVISED -			CONTRACT NO. 97442					
		DATE - DATE	REVISED -			ILLINOIS FED. AID PROJECT					
PLOT SCALE =		DATE =		SCALE:		SHEET NO. 34 OF 157 SHEETS		STA. 173+00 TO STA. 179+00			

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PLAN	SUBMITTED
NOTE BOOK	ALIGNED
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	FILED
	NO.
	DATE



MATCH LINE STA. 509+50

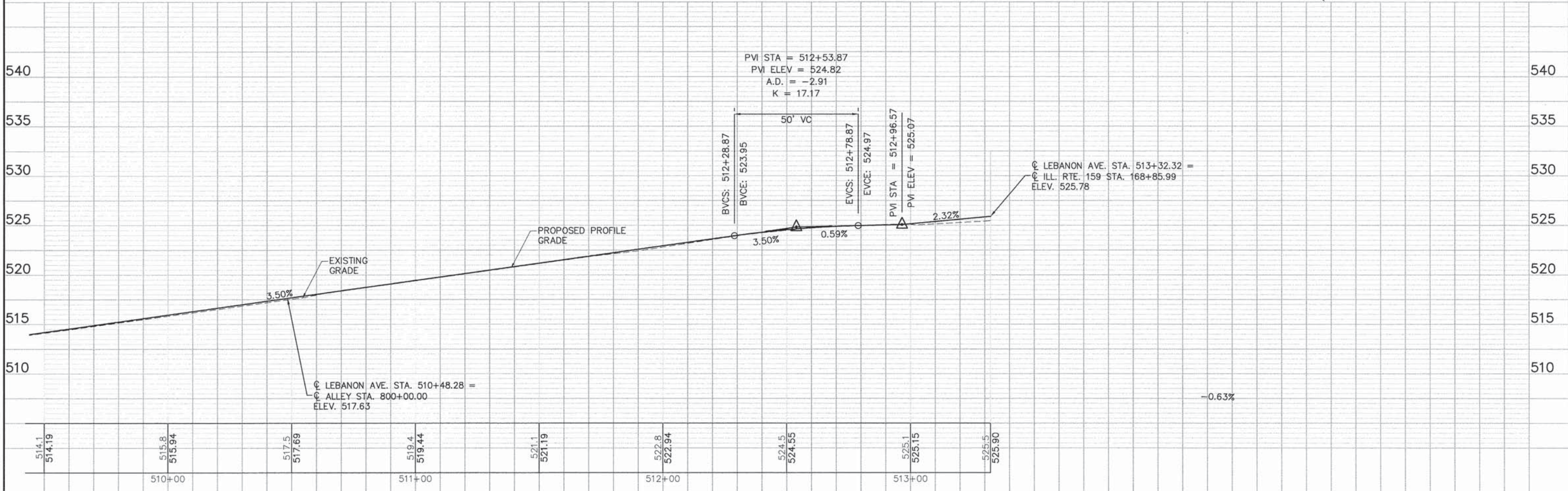
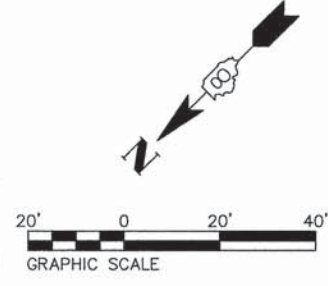
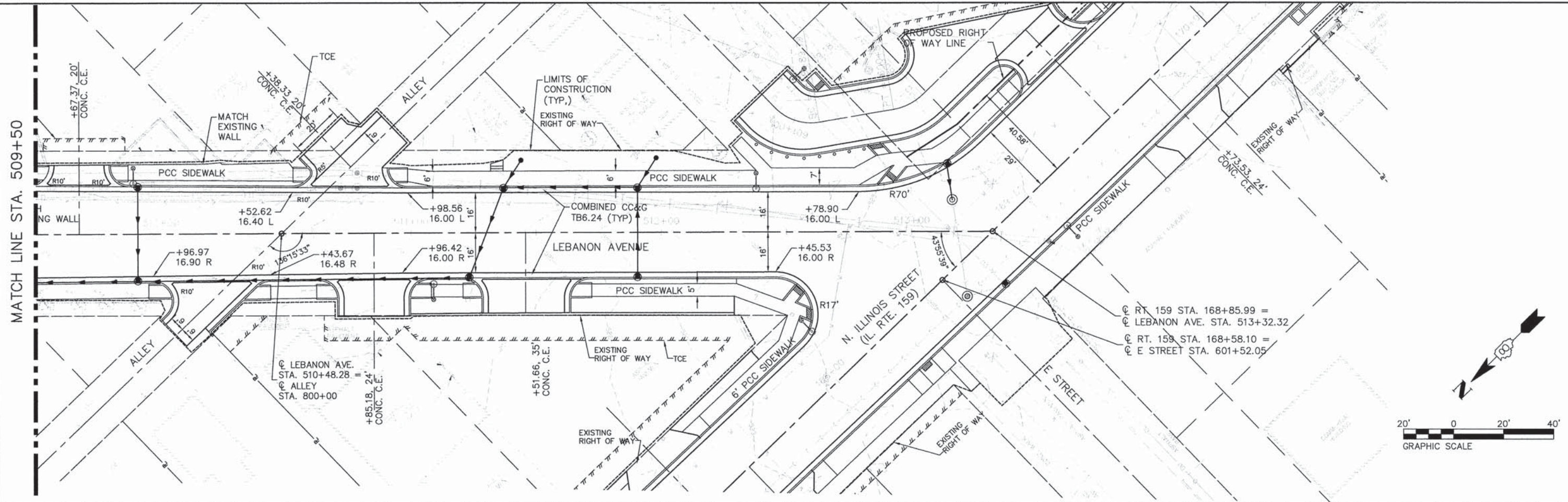
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NO.	CHECKED
	STRUCTURE
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	CHYO



05119 Overall-R02.DWG	USER NAME = Cynthia J. Hermanns	DESIGNED - J.S.A.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE LEBANON AVENUE	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE =	DRAWN - S.J.	REVISED -			600	05-00206-00-WR	ST. CLAIR	157	38	
	PLOT DATE = 2/13/2015	CHECKED - E.R.O.	REVISED -			CONTRACT NO. 97442					
		DATE - DATE	REVISED -			ILLINOIS FED. AID PROJECT					

PLAN	DATE
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NOTE BOOK	
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PROFILE	DATE
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NOTE BOOK	
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FILE NAME	






05119 Overall-R02.DWG	USER NAME = Cynthia J. Hermanns	DESIGNED - J.S.A.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE LEBANON AVENUE	F.A.U. RTE. 600	SECTION 05-00206-00-WR	COUNTY ST. CLAIR	TOTAL SHEETS 157	SHEET NO. 39	
	PLOT SCALE =	CHECKED - E.R.O.	REVISED -			CONTRACT NO. 97442		ILLINOIS FED. AID PROJECT			
	PLOT DATE = 2/13/2015	DATE - DATE	REVISED -			SCALE: SHEET NO. 39 OF 157 SHEETS STA. 509+50 TO STA. 513+32.32					

PLAN	DATE
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DATE	
BY	
NO.	

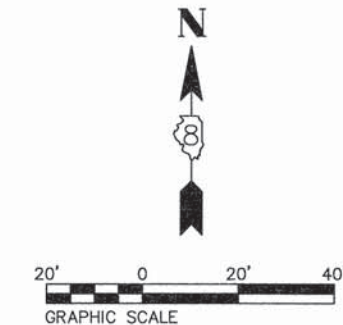
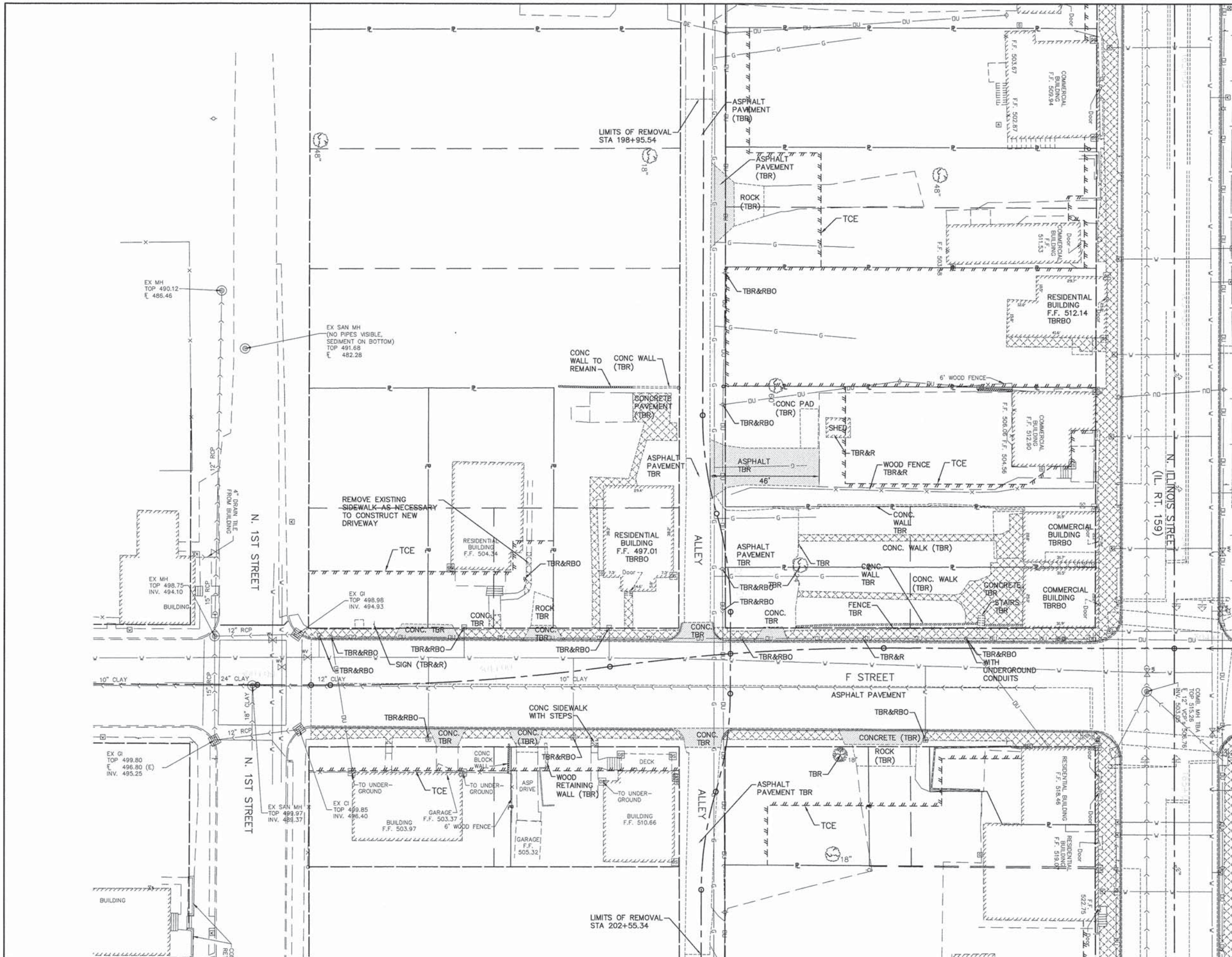
PROFILE	DATE
BY	
NO.	
DATE	
BY	
NO.	

REMOVAL LEGEND

-  DRIVEWAY PAVEMENT REMOVAL
-  CURB/GUTTER REMOVAL
-  SIDEWALK REMOVAL

 EXISTING LIGHT POLE AND LUMINAIRE TO BE REMOVED BY AMEREN

NOTE
ON ALL COMBINED MANHOLES SHOWN AS TBA, THE CONTRACTOR SHALL REMOVE THE EXISTING FRAME AND LID AND REPLACE IT WITH A FRAME AND LID, SPECIAL AS SPECIFIED IN THE SPECIAL PROVISIONS. THE CONTRACTOR SHALL ADJUST THE FRAME TO FINAL GRADE AS REQUIRED. PRIOR TO ORDERING THE NEW FRAMES AND LIDS, THE CONTRACTOR SHALL VERIFY EXISTING MANHOLE DIMENSIONS TO ENSURE FRAMES ARE ADEQUATELY SIZED.



05119 Removal.DWG

USER NAME = Stephen G. Judiscak	DESIGNED - B.J.W.	REVISED -
PLOT SCALE =	DRAWN - S.J.	REVISED -
PLOT DATE = 3/19/2015	CHECKED - E.R.O.	REVISED -
	DATE - DATE	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

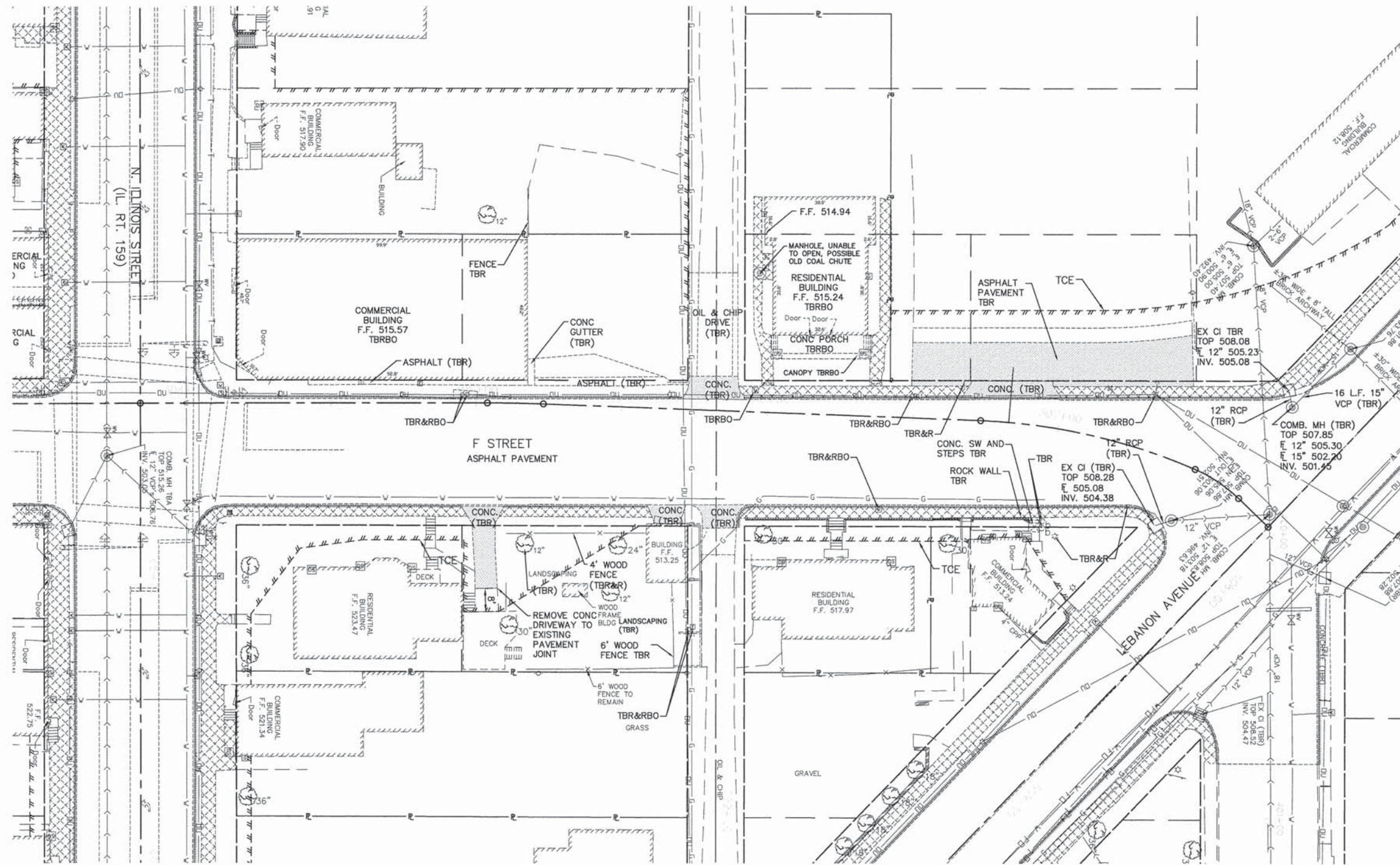
**REMOVAL SHEET
F STREET**

SCALE: SHEET NO. 44 OF 157 SHEETS STA. 300+22.55 TO STA. 303+84.63





F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	05-00206-00-WR	ST. CLAIR	157	44
CONTRACT NO. 97442				
ILLINOIS FED. AID PROJECT				

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

PROFILE	SUBMITTED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
NOTE BOOK NO.	STRUCTURE NOTATIONS CHKD	



REMOVAL LEGEND

-  DRIVEWAY PAVEMENT REMOVAL
-  CURB/GUTTER REMOVAL
-  SIDEWALK REMOVAL
-  EXISTING LIGHT POLE AND LUMINAIRE TO BE REMOVED BY AMEREN

NOTE:
ON ALL COMBINED MANHOLES SHOWN AS TBA, THE CONTRACTOR SHALL REMOVE THE EXISTING FRAME AND LID AND REPLACE IT WITH A FRAME AND LID, SPECIAL AS SPECIFIED IN THE SPECIAL PROVISIONS. THE CONTRACTOR SHALL ADJUST THE FRAME TO FINAL GRADE AS REQUIRED. PRIOR TO ORDERING THE NEW FRAMES AND LIDS, THE CONTRACTOR SHALL VERIFY EXISTING MANHOLE DIMENSIONS TO ENSURE FRAMES ARE ADEQUATELY SIZED.

NOTE:
CONTRACTOR TO CONFIRM SANITARY LATERAL CONNECTIONS DO NOT EXIST IN SEWER REMOVAL LIMITS. IF FOUND, CONTRACTOR TO RECONNECT AS NECESSARY



05119 Removal.DWG

USER NAME = Stephen G. Judiscak	DESIGNED - B.J.W.	REVISED -
	DRAWN - S.J.	REVISED -
PLOT SCALE =	CHECKED - E.R.O.	REVISED -
PLOT DATE = 3/19/2015	DATE - DATE	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL SHEET
F STREET**





SCALE: SHEET NO. 45 OF 157 SHEETS STA. 303+84.63 TO STA. 307+80.18

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	05-00206-00-WR	ST. CLAIR	157	45
CONTRACT NO. 97442				
ILLINOIS FED. AID PROJECT				

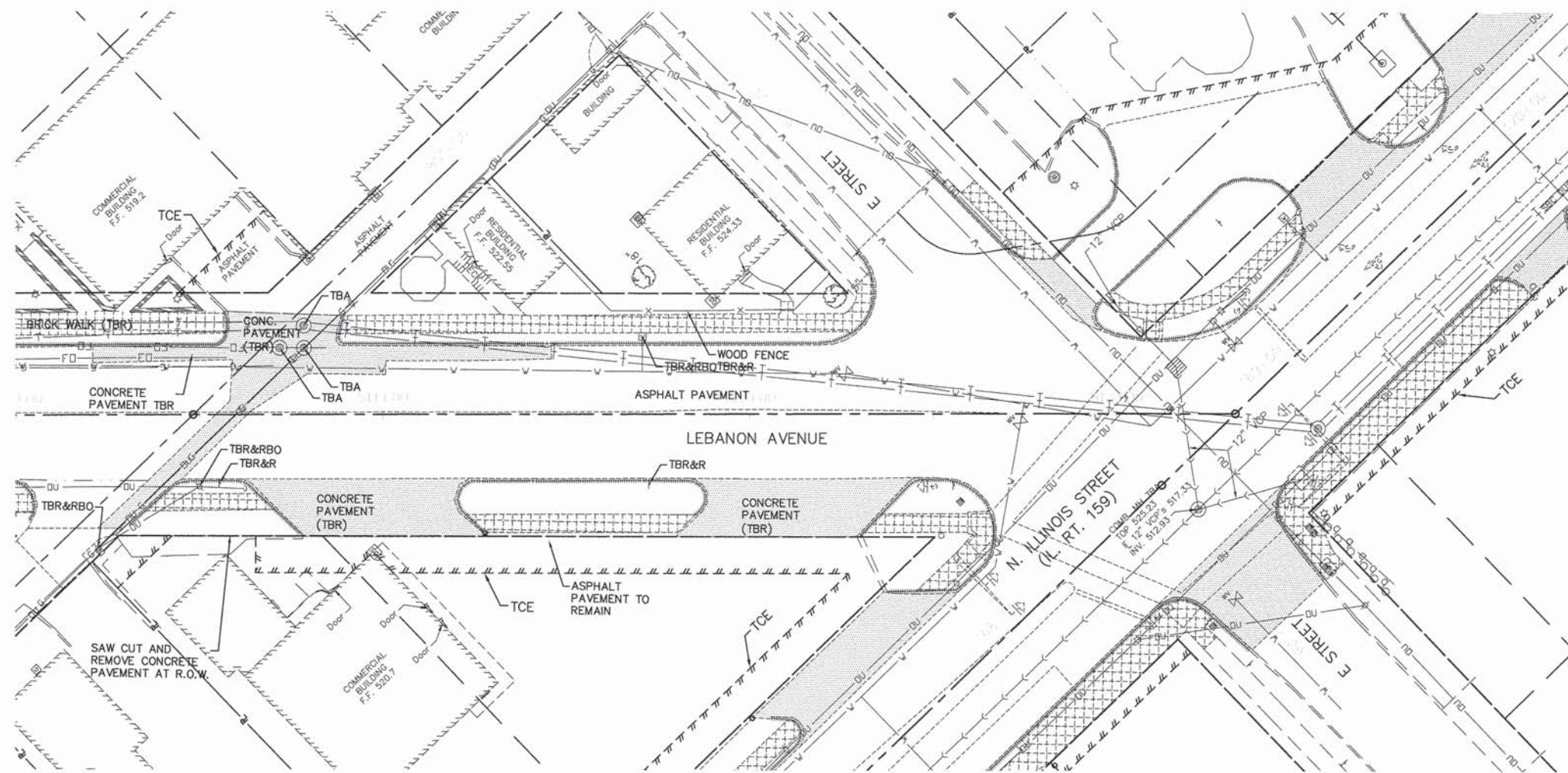
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	PLOTTED	BY
	REVISIONS	
	NO. / DATE	
	CHECKED	
	BY	
	DATE	
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	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	REVISIONS	
	NO. / DATE	
	CHECKED	
	BY	
	DATE	
	NO.	
	NOTATIONS	

REMOVAL LEGEND

-  DRIVEWAY PAVEMENT REMOVAL
-  CURB/GUTTER REMOVAL
-  SIDEWALK REMOVAL
-  EXISTING LIGHT POLE AND LUMINAIRE TO BE REMOVED BY AMEREN

NOTE
ON ALL COMBINED MANHOLES SHOWN AS TBA, THE CONTRACTOR SHALL REMOVE THE EXISTING FRAME AND LID AND REPLACE IT WITH A FRAME AND LID, SPECIAL AS SPECIFIED IN THE SPECIAL PROVISIONS. THE CONTRACTOR SHALL ADJUST THE FRAME TO FINAL GRADE AS REQUIRED. PRIOR TO ORDERING THE NEW FRAMES AND LIDS, THE CONTRACTOR SHALL VERIFY EXISTING MANHOLE DIMENSIONS TO ENSURE FRAMES ARE ADEQUATELY SIZED.



05119 Removal.DWG

USER NAME = Stephen G. Judisack	DESIGNED - B.J.W.	REVISED -
	DRAWN - S.J.	REVISED -
PLOT SCALE =	CHECKED - E.R.O.	REVISED -
PLOT DATE = 3/19/2015	DATE - DATE	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

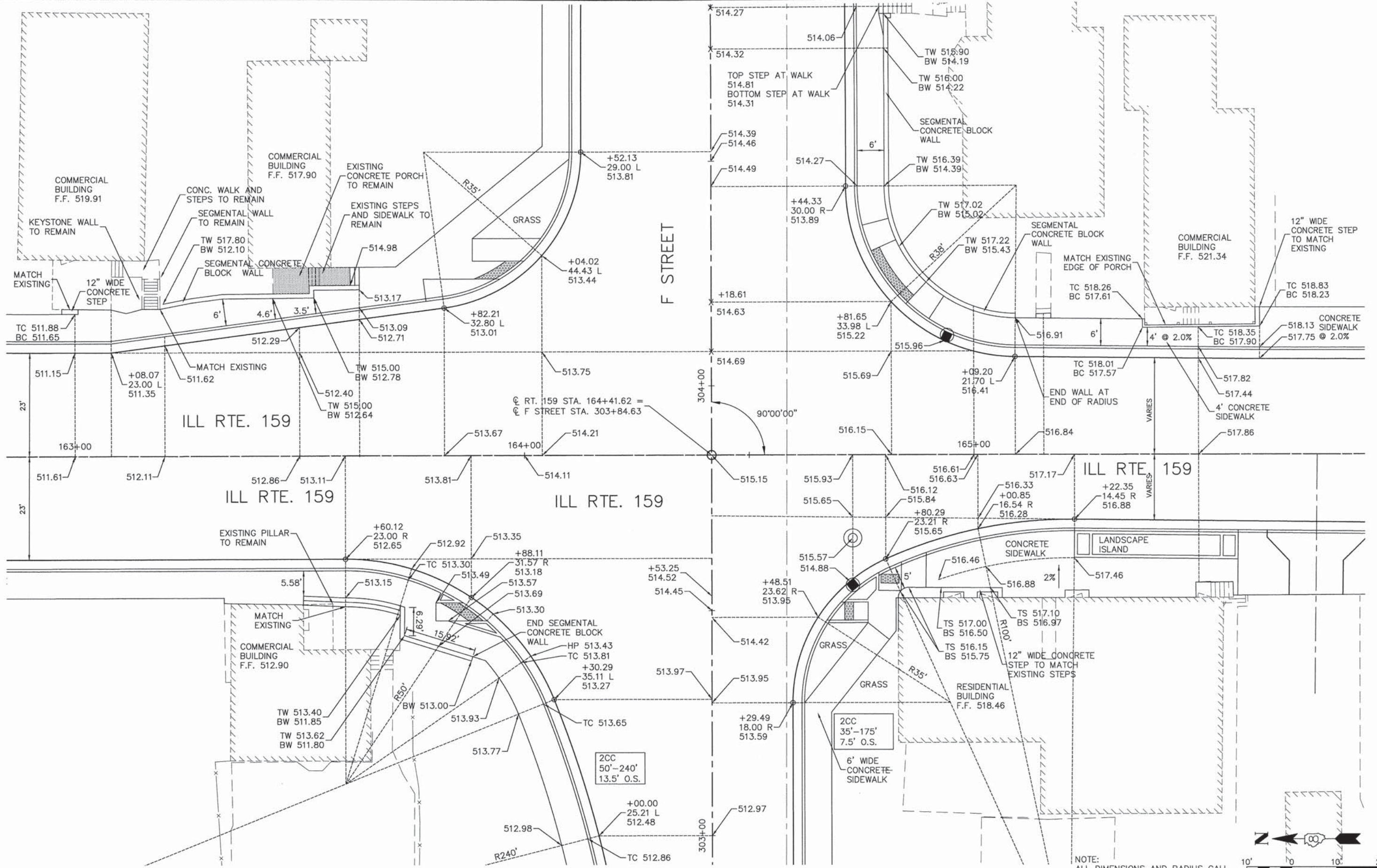
**REMOVAL SHEET
LEBANON AVENUE**

SCALE: SHEET NO. 47 OF 157 SHEETS STA. 510+00 TO STA. 513+32.32

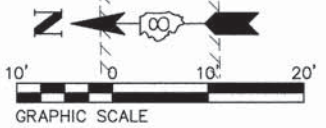
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	05-00206-00-WR	ST. CLAIR	157	47
CONTRACT NO. 97442				
ILLINOIS FED. AID PROJECT				

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

DATE	
BY	
PROFILE	SURVEYED
NOTE BOOK	CHECKED
NO.	NO. NOTED
	STRUCTURE NOTATIONS CHKD



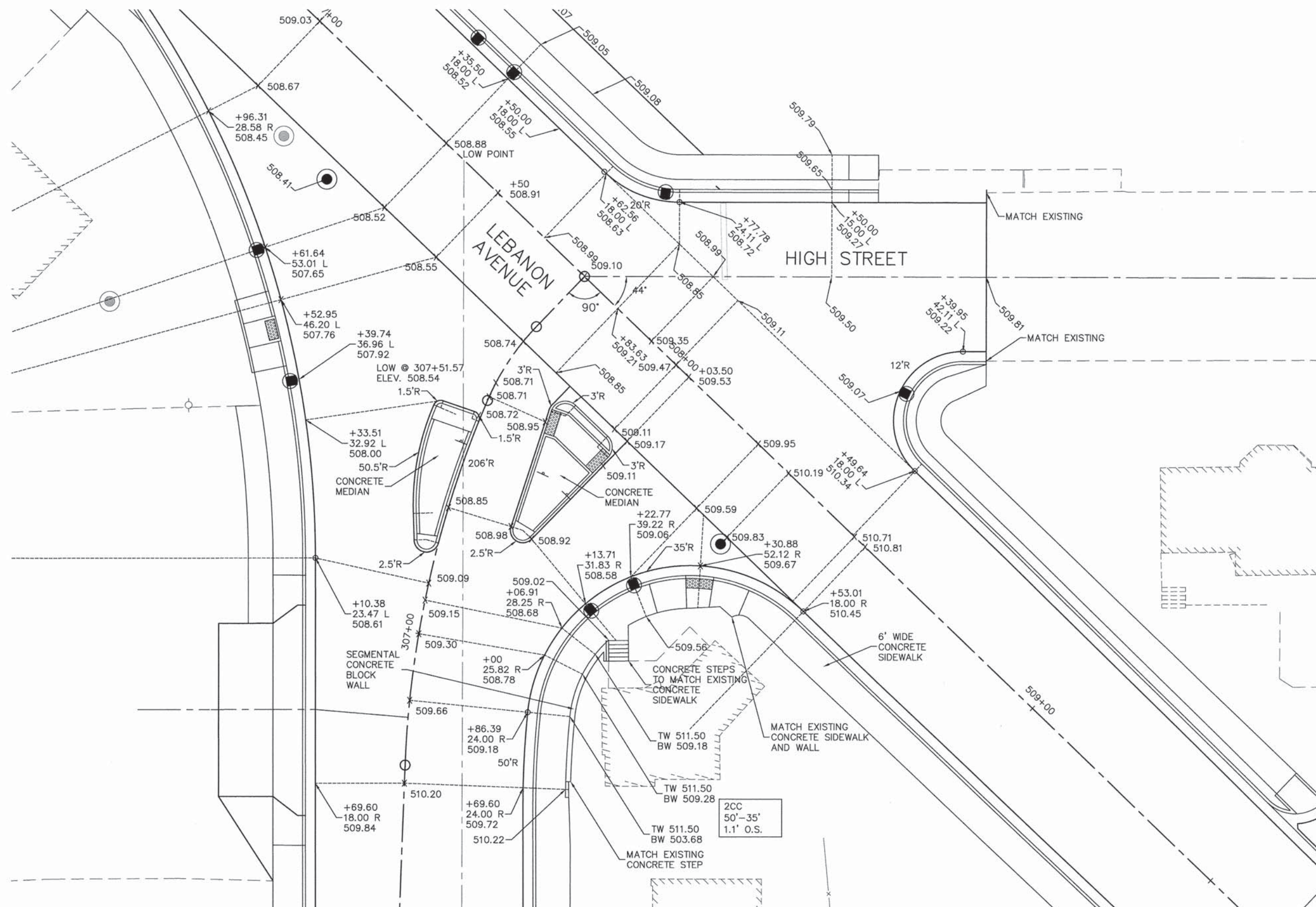
NOTE: ALL DIMENSIONS AND RADIUS CALL OUTS TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED



05119 int det.dwg	USER NAME = Cynthia J. Hermanns	DESIGNED -- B.J.W.	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION GEOMETRIC DETAILS ILLINOIS ROUTE 159 AND F STREET	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE =	DRAWN -- S.J.	REVISED --			800	05-00206-00-WR	ST. CLAIR	157	48	
	PLOT DATE = 2/18/2015	CHECKED -- E.R.O.	REVISED --			SCALE: 1" = 10' SHEET NO. 48 OF 157 SHEETS STA. TO STA.					
		DATE -- DATE	REVISED --			CONTRACT NO. 97442 ILLINOIS FED. AID PROJECT					

DATE	
BY	
PLAN	
NOTE BOOK	
NO.	
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ALIGNMENT CHECKED	
RT. OF WAY CHECKED	
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DATE	

DATE	
BY	
PROFILE	
NOTE BOOK	
NO.	
SURVEYED	
GRADES CHECKED	
S.M. NOTED	
STRUCTURE NOTATIONS CRD	



NOTE:
ALL DIMENSIONS AND RADIUS CALL
OUTS TO EDGE OF PAVEMENT
UNLESS OTHERWISE NOTED



05119 int det.dwg

USER NAME = Cynthia J. Hermanns

DESIGNED - B.J.W.

REVISED -

PLOT SCALE =

DRAWN - S.J.

REVISED -

PLOT DATE = 2/18/2015

CHECKED - E.R.O.

REVISED -

DATE - DATE

REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

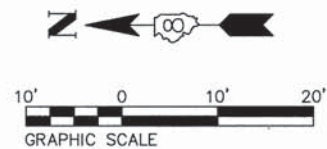
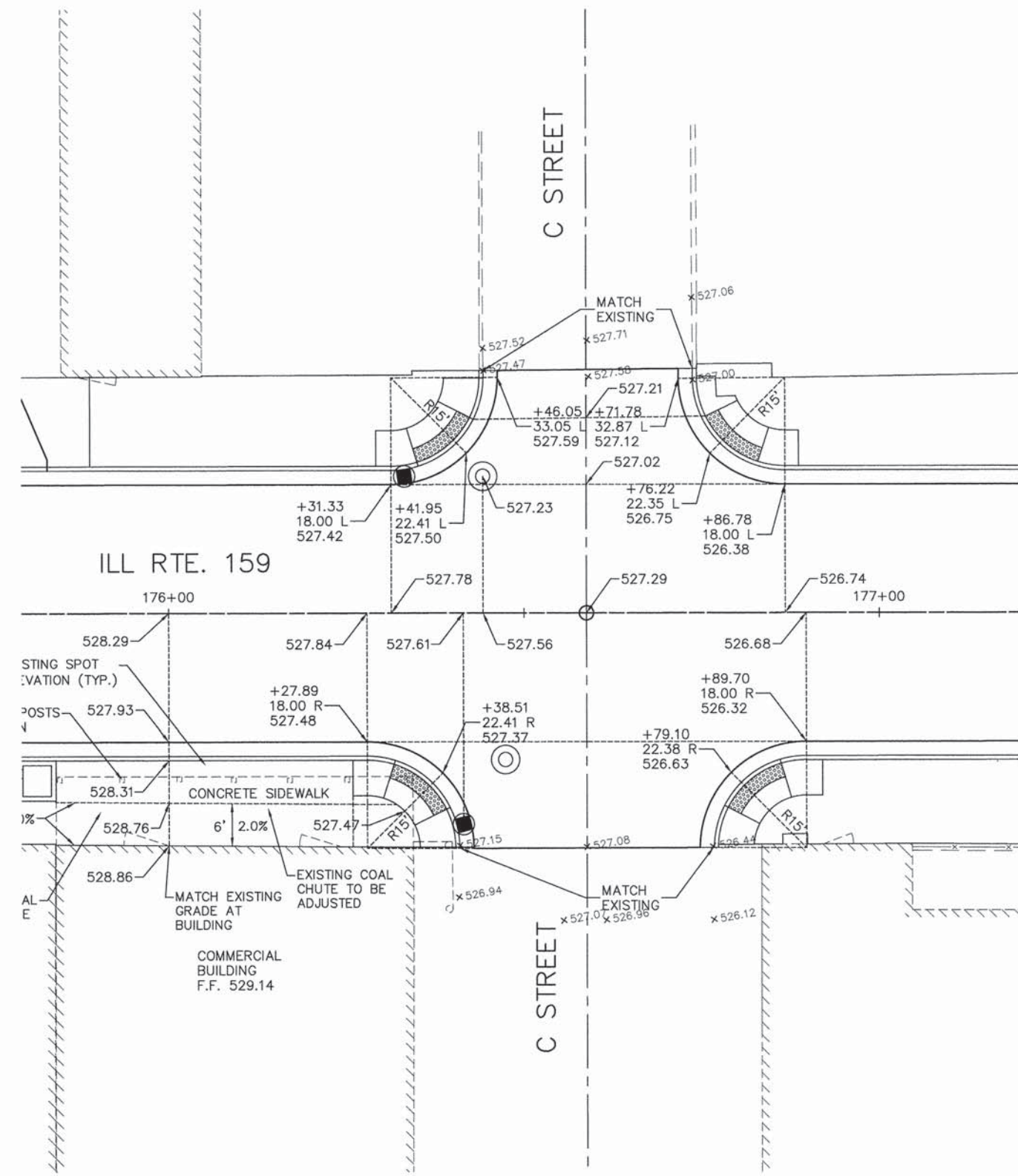
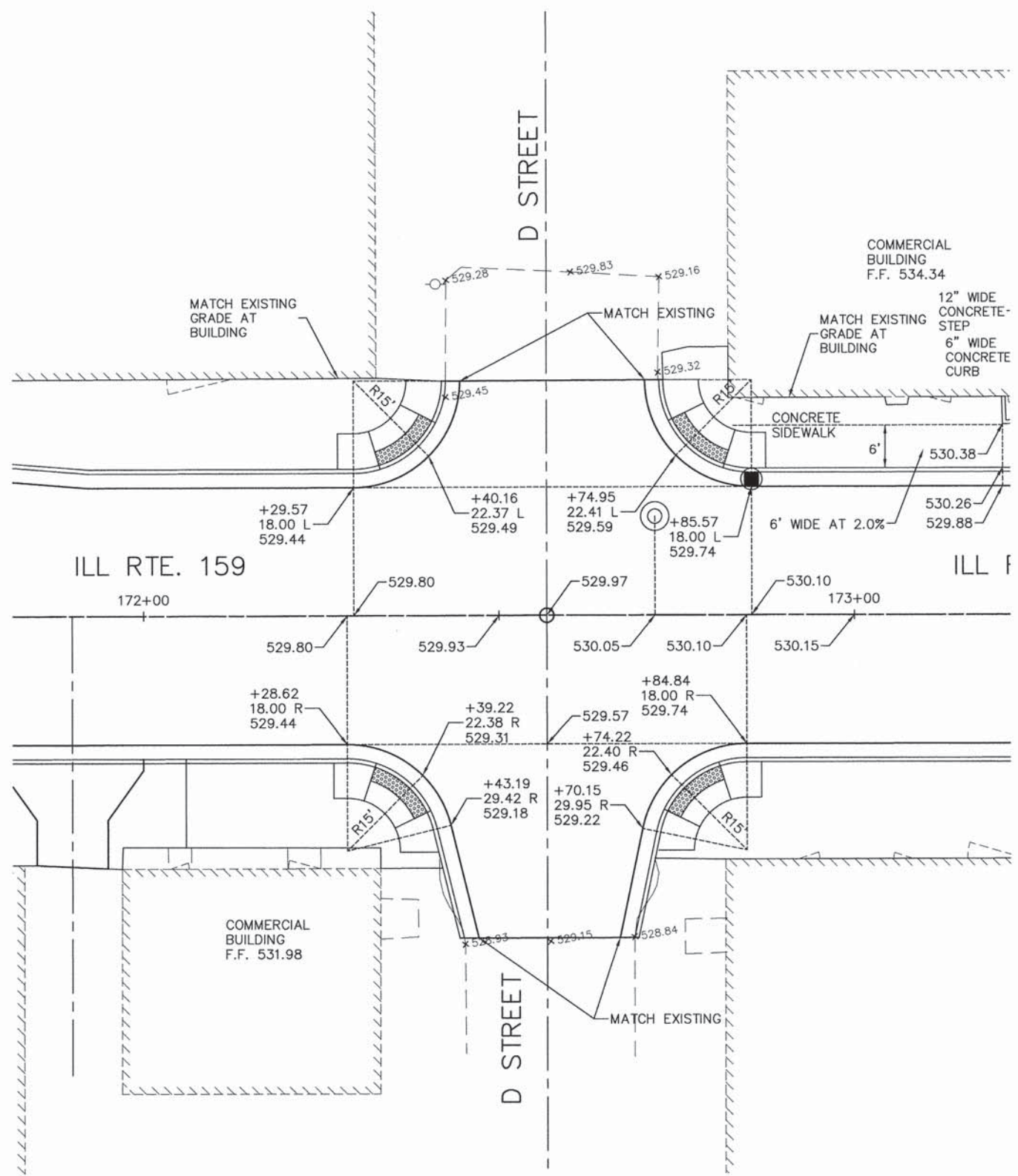
**INTERSECTION GEOMETRIC DETAILS
LEBANON AVENUE AND F STREET**

SCALE: 1" = 10' SHEET NO. 50 OF 157 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	05-00206-00-WR	ST. CLAIR	157	50
CONTRACT NO. 97442				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
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PROFILE	SURVEYED	DATE
	GRADES	
	CHECKED	
	BY	
	NO.	

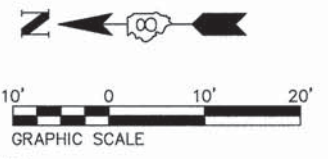
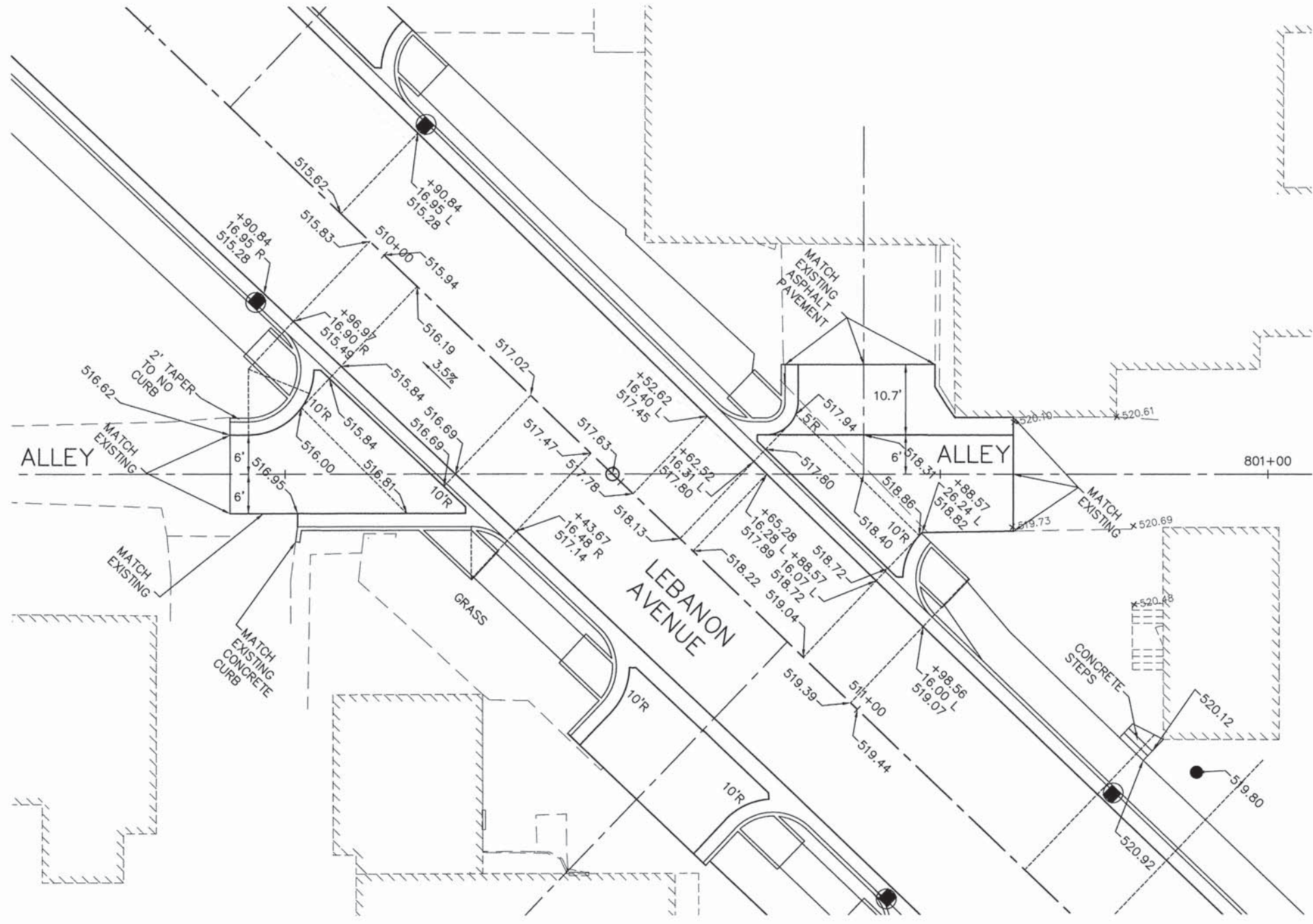


NOTE:
ALL DIMENSIONS AND RADIUS CALL
OUTS TO EDGE OF PAVEMENT
UNLESS OTHERWISE NOTED

05119 int det.dwg	USER NAME = Cynthia J. Hermanns	DESIGNED - B.J.W.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION GEOMETRIC DETAILS ILLINOIS ROUTE 159 AND C & D STREETS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - S.J.	REVISED -			600	05-00206-00-WR	ST. CLAIR	157	52	
		CHECKED - E.R.O.	REVISED -			CONTRACT NO. 97442					
		DATE - DATE	REVISED -			ILLINOIS FED. AID PROJECT					
		PLOT SCALE =		SCALE: 1" = 10'		SHEET NO. 52 OF 157 SHEETS		STA.		TO STA.	

PLAN	SURVEYED	BY	DATE
	ALIGNED		
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	RT. OF WAY		
	FILE NAME		
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PROFILE	SURVEYED	BY	DATE
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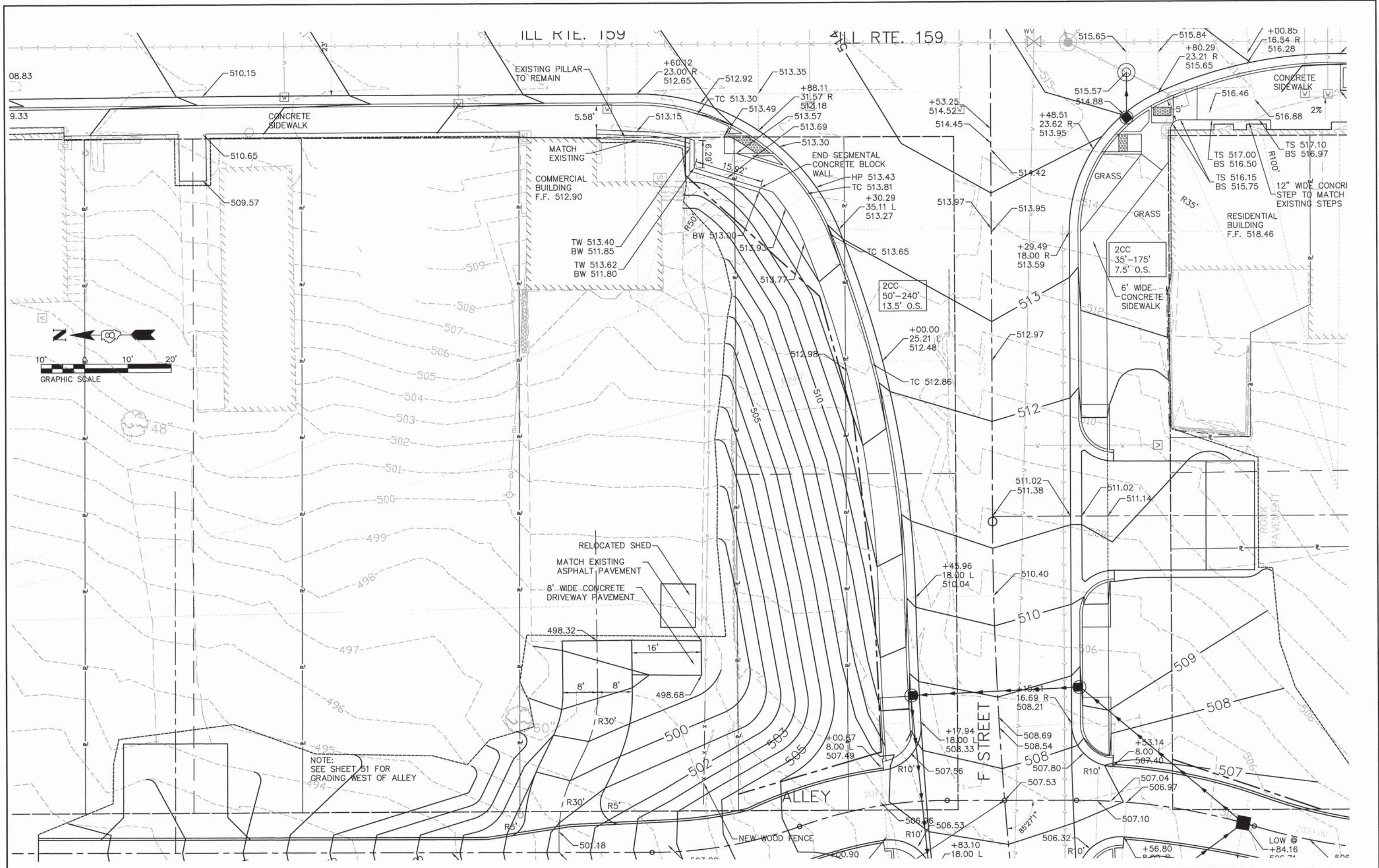


NOTE:
ALL DIMENSIONS AND RADIUS CALL
OUTS TO EDGE OF PAVEMENT
UNLESS OTHERWISE NOTED

05119 int det.dwg	USER NAME = Cynthia J. Hermanns	DESIGNED -- B.J.W.	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION GEOMETRIC DETAILS LEBANON AVENUE AND ALLEY	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 2/18/2015	DATE -- DATE	REVISED --		SCALE: 1" = 10' SHEET NO. 54 OF 157 SHEETS STA. TO STA.		CONTRACT NO. 97442 ILLINOIS FED. AID PROJECT				

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PLOTTED	PT. OF WAY CHECKED
NOTE BOOK NO.	ADD FILE NAME

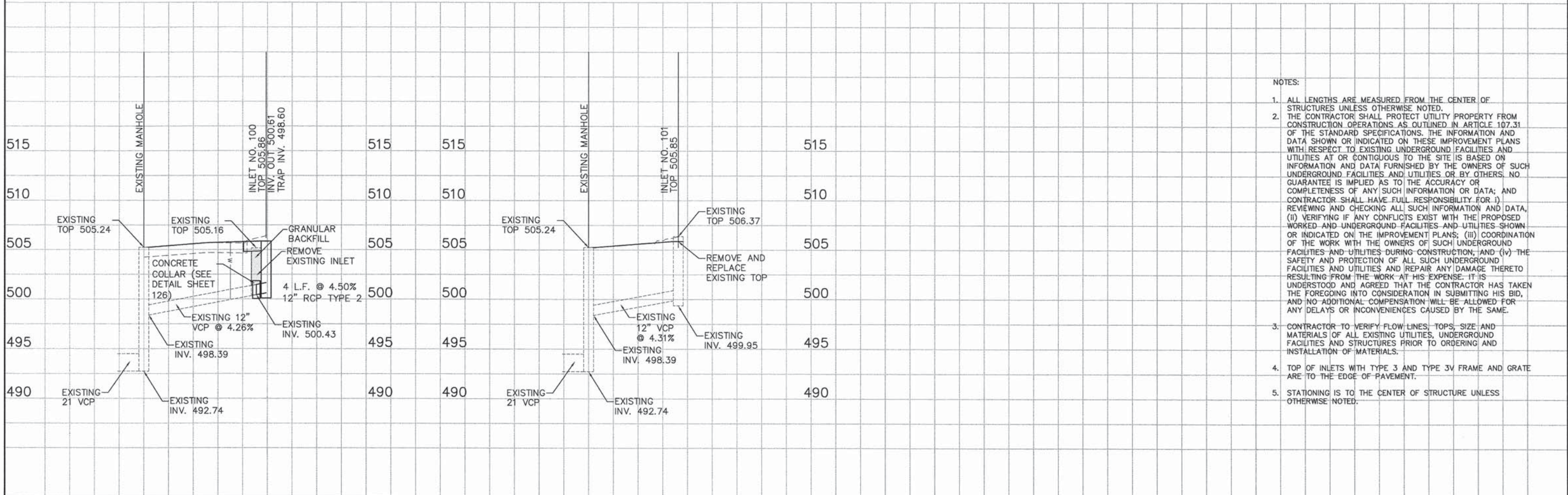
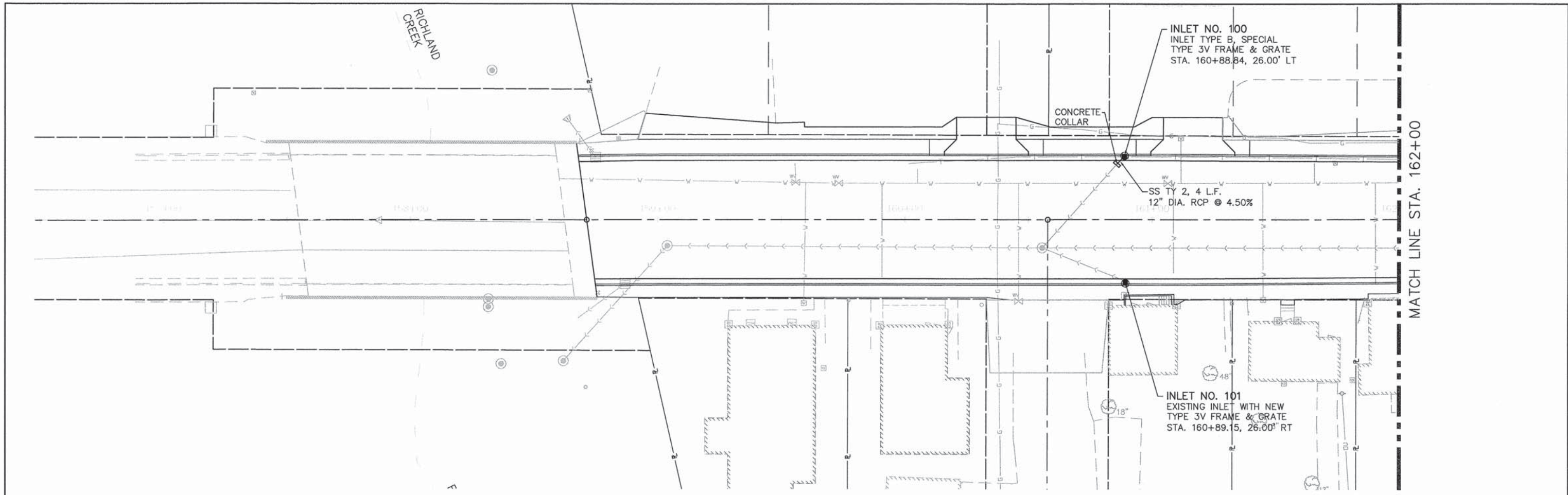
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PLOTTED	PT. OF WAY CHECKED
NOTE BOOK NO.	ADD FILE NAME



05119 Overall-R02.DWG	USER NAME = Cynthia J. Hermanns	DESIGNED - B.J.W.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GRADING DETAIL ILLINOIS ROUTE 159 AT F STREET	F.A.U. RTE. 600	SECTION 05-00206-00-WR	COUNTY ST. CLAIR	TOTAL SHEETS 157	SHEET NO. 55		
	PLOT SCALE =	CHECKED - E.R.O.	REVISED -			SCALE:	SHEET NO. 55 OF 157 SHEETS	STA.	TO STA.	CONTRACT NO. 97442		
	PLOT DATE = 2/18/2015	DATE - DATE	REVISED -			ILLINOIS FED. AID PROJECT						

PLAN	SURVEYED	DATE
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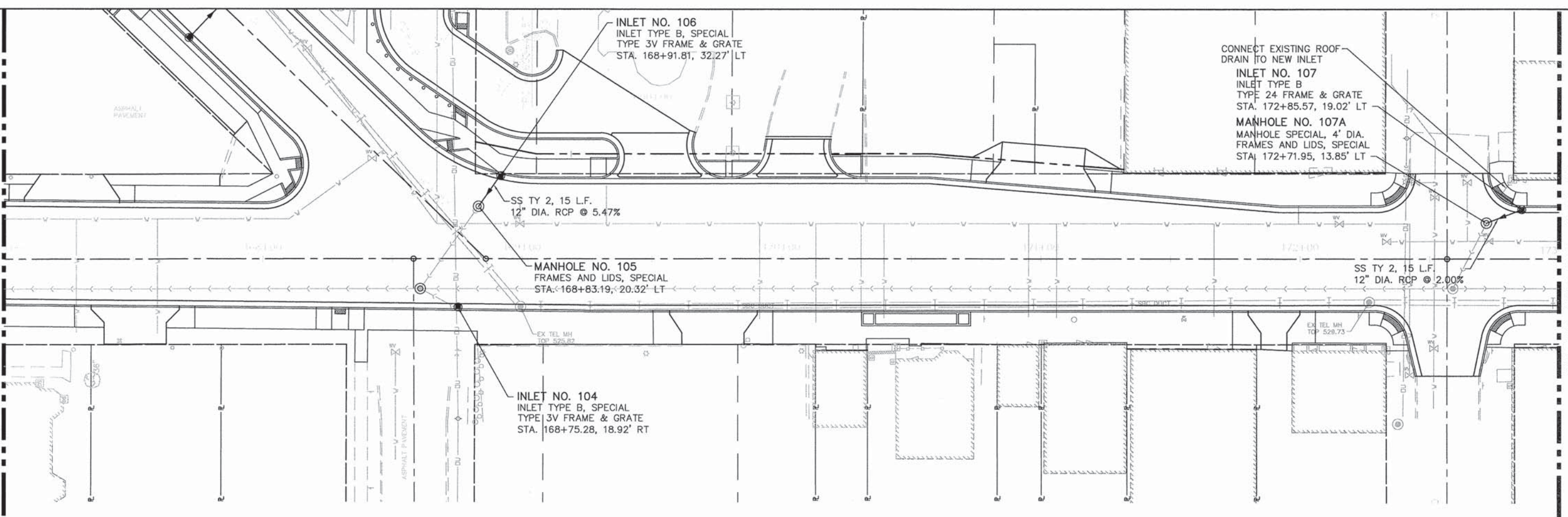
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	NO. OF WAYS CHECKED	
	DATE FILE NAME	
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- NOTES:
- ALL LENGTHS ARE MEASURED FROM THE CENTER OF STRUCTURES UNLESS OTHERWISE NOTED.
 - THE CONTRACTOR SHALL PROTECT UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE INFORMATION AND DATA SHOWN OR INDICATED ON THESE IMPROVEMENT PLANS WITH RESPECT TO EXISTING UNDERGROUND FACILITIES AND UTILITIES AT OR CONTIGUOUS TO THE SITE IS BASED ON INFORMATION AND DATA FURNISHED BY THE OWNERS OF SUCH UNDERGROUND FACILITIES AND UTILITIES OR BY OTHERS. NO GUARANTEE IS IMPLIED AS TO THE ACCURACY OR COMPLETENESS OF ANY SUCH INFORMATION OR DATA; AND CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR: (i) REVIEWING AND CHECKING ALL SUCH INFORMATION AND DATA, (ii) VERIFYING IF ANY CONFLICTS EXIST WITH THE PROPOSED WORKED-AND-UNDERGROUND FACILITIES AND UTILITIES SHOWN OR INDICATED ON THE IMPROVEMENT PLANS; (iii) COORDINATION OF THE WORK WITH THE OWNERS OF SUCH UNDERGROUND FACILITIES AND UTILITIES DURING CONSTRUCTION; AND (iv) THE SAFETY AND PROTECTION OF ALL SUCH UNDERGROUND FACILITIES AND UTILITIES AND REPAIR ANY DAMAGE THEREO RESULTING FROM THE WORK AT HIS EXPENSE. IT IS UNDERSTOOD AND AGREED THAT THE CONTRACTOR HAS TAKEN THE FOREGOING INTO CONSIDERATION IN SUBMITTING HIS BID, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY DELAYS OR INCONVENIENCES CAUSED BY THE SAME.
 - CONTRACTOR TO VERIFY FLOW LINES, TOPS, SIZE AND MATERIALS OF ALL EXISTING UTILITIES, UNDERGROUND FACILITIES AND STRUCTURES PRIOR TO ORDERING AND INSTALLATION OF MATERIALS.
 - TOP OF INLETS WITH TYPE 3 AND TYPE 3V FRAME AND GRATE ARE TO THE EDGE OF PAVEMENT.
 - STATIONING IS TO THE CENTER OF STRUCTURE UNLESS OTHERWISE NOTED.

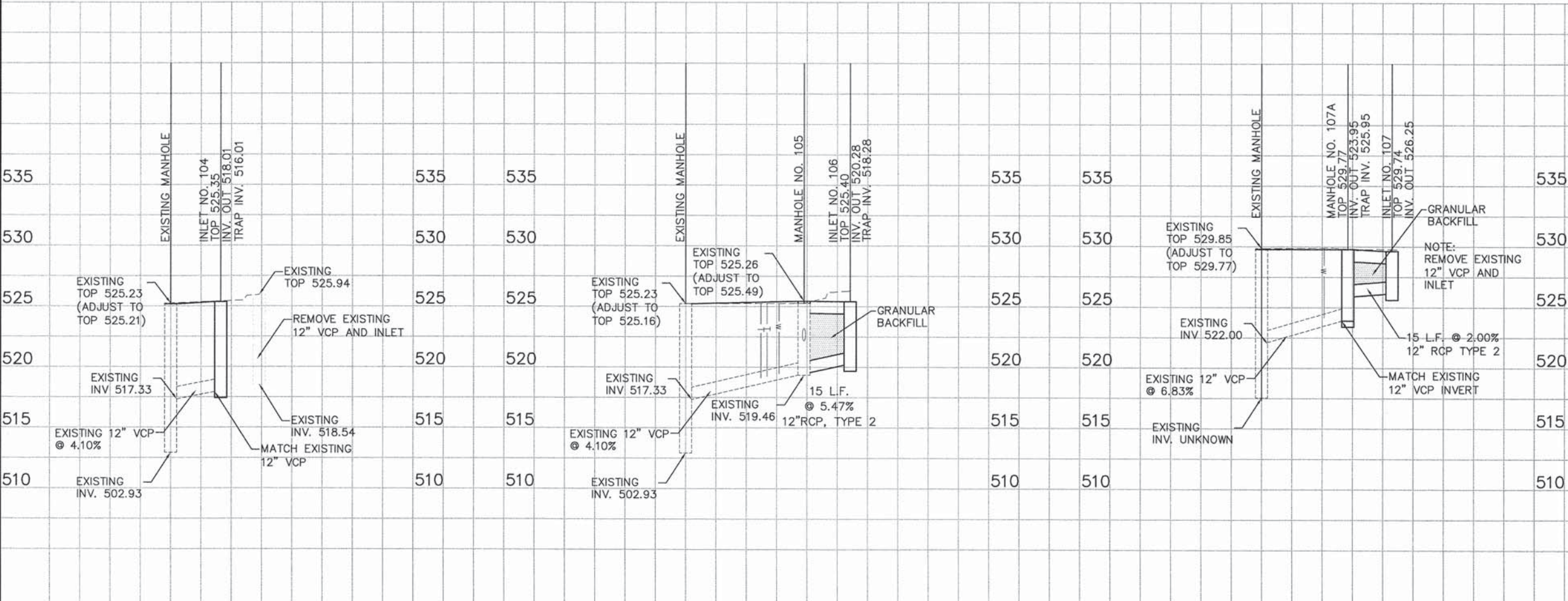
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	PLOTTED	BY
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MATCH LINE STA. 167+00



MATCH LINE STA. 173+00

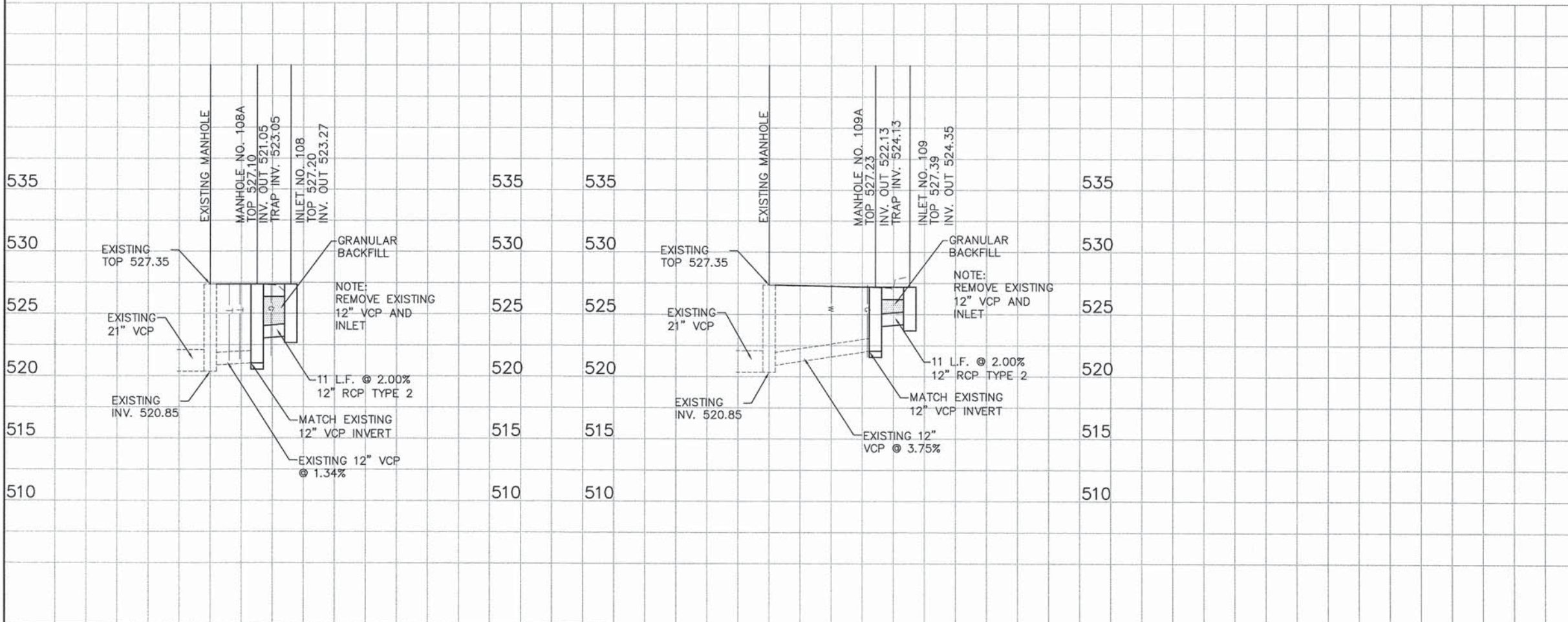
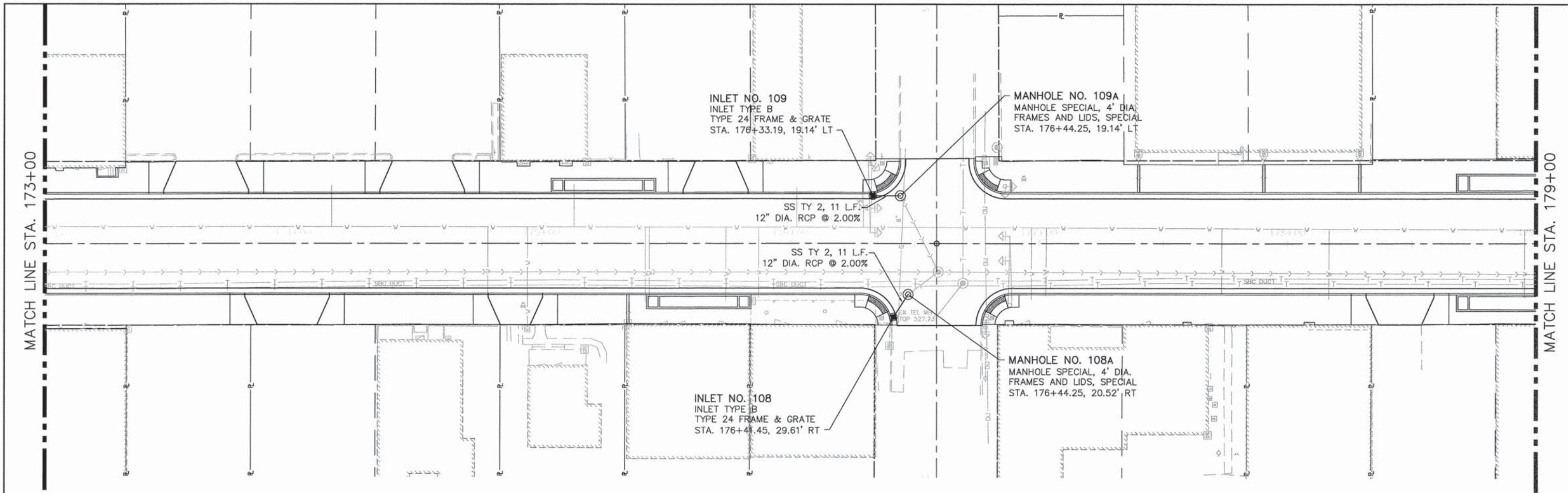
PROFILE	SURVEYED	DATE
	PLOTTED	BY
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	FILE NAME	



- NOTES:
- ALL LENGTHS ARE MEASURED FROM THE CENTER OF STRUCTURES UNLESS OTHERWISE NOTED.
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 - TOP OF INLETS WITH TYPE 3 AND TYPE 3V FRAME AND GRATE ARE TO THE EDGE OF PAVEMENT.
 - STATIONING IS TO THE CENTER OF STRUCTURE UNLESS OTHERWISE NOTED.

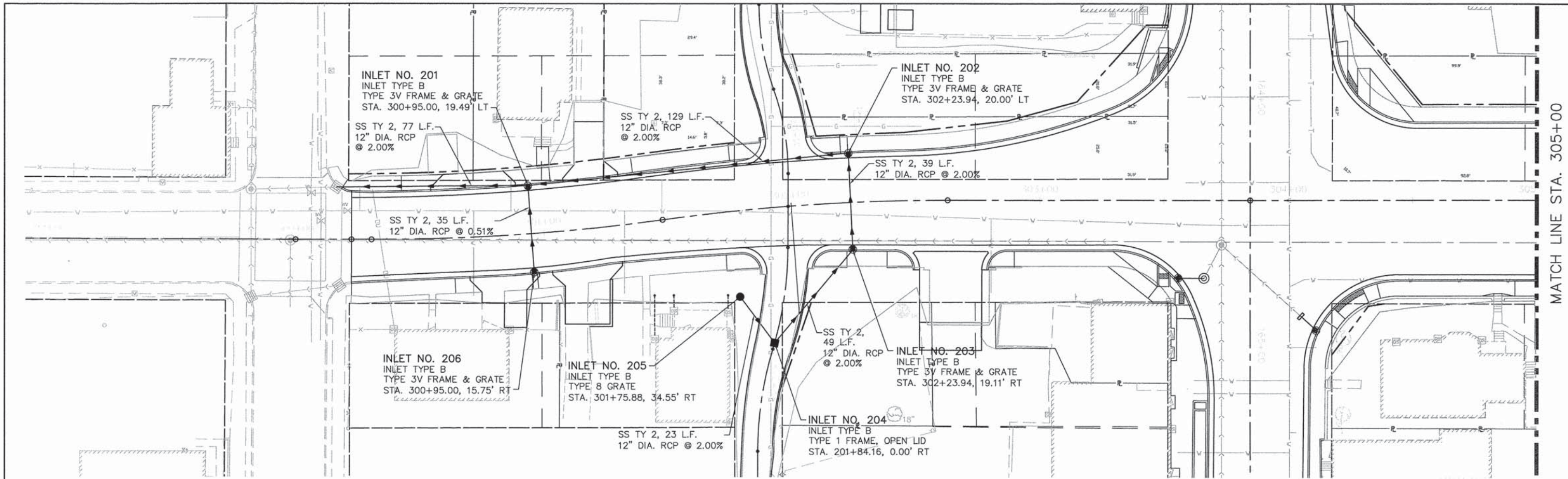
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PROFILE	SURVEYED	DATE
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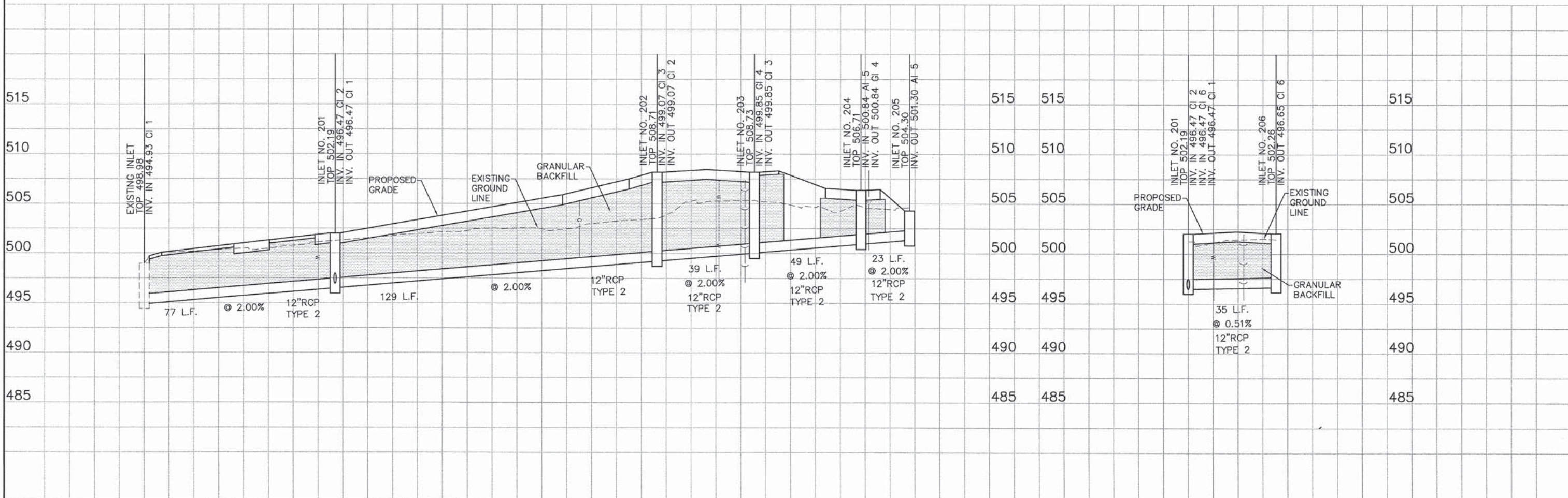


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 - TOP OF INLETS WITH TYPE 3 AND TYPE 3V FRAME AND GRATE ARE TO THE EDGE OF PAVEMENT.
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PLAN	SURVEYED	DATE
	PLOTTED	
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	REVISIONS	
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	NO.	
	FILE NAME	



PROFILE	SURVEYED	DATE
	PLOTTED	
	NOTED	
	REVISIONS	
	BY	
	NO.	
	FILE NAME	



05119 Overall-R02.DWG
 USER NAME = Stephen G. Judiscak
 PLOT SCALE =
 PLOT DATE = 3/19/2015

DESIGNED - J.S.A.
 DRAWN - S.J.
 CHECKED - E.R.O.
 DATE - DATE

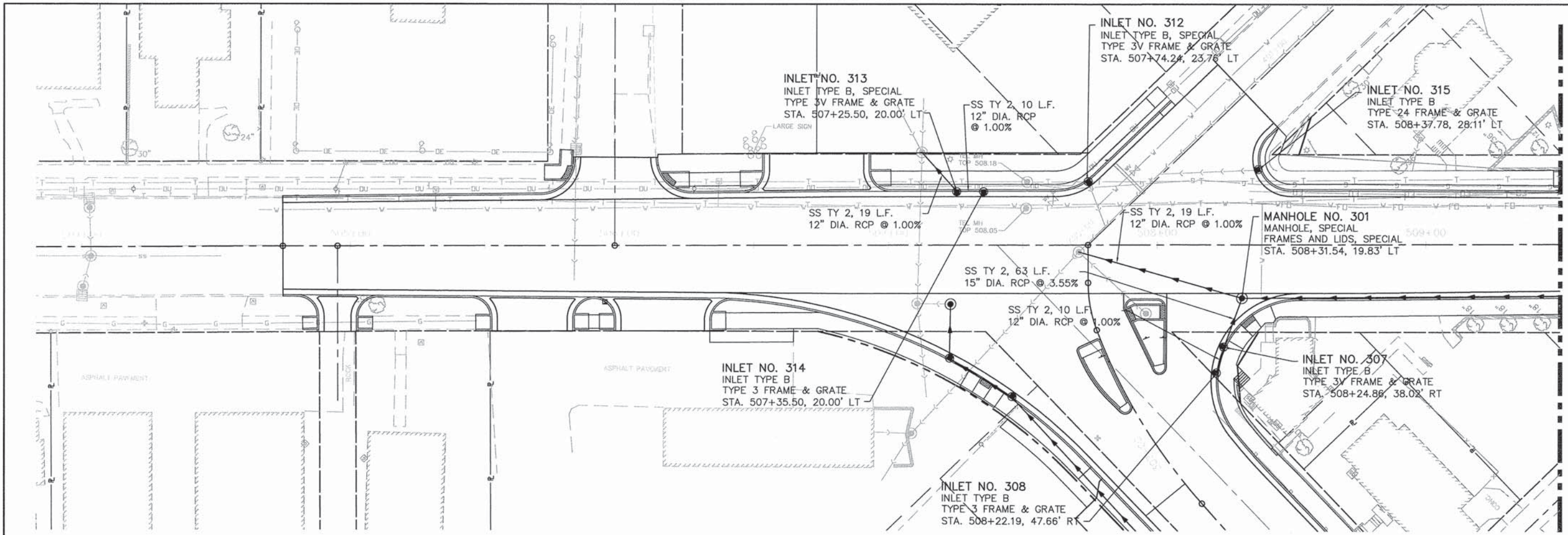
REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITY PLAN AND PROFILE
 F STREET**
 SCALE: SHEET NO. 61 OF 157 SHEETS STA. 300+22.55 TO STA. 305+00

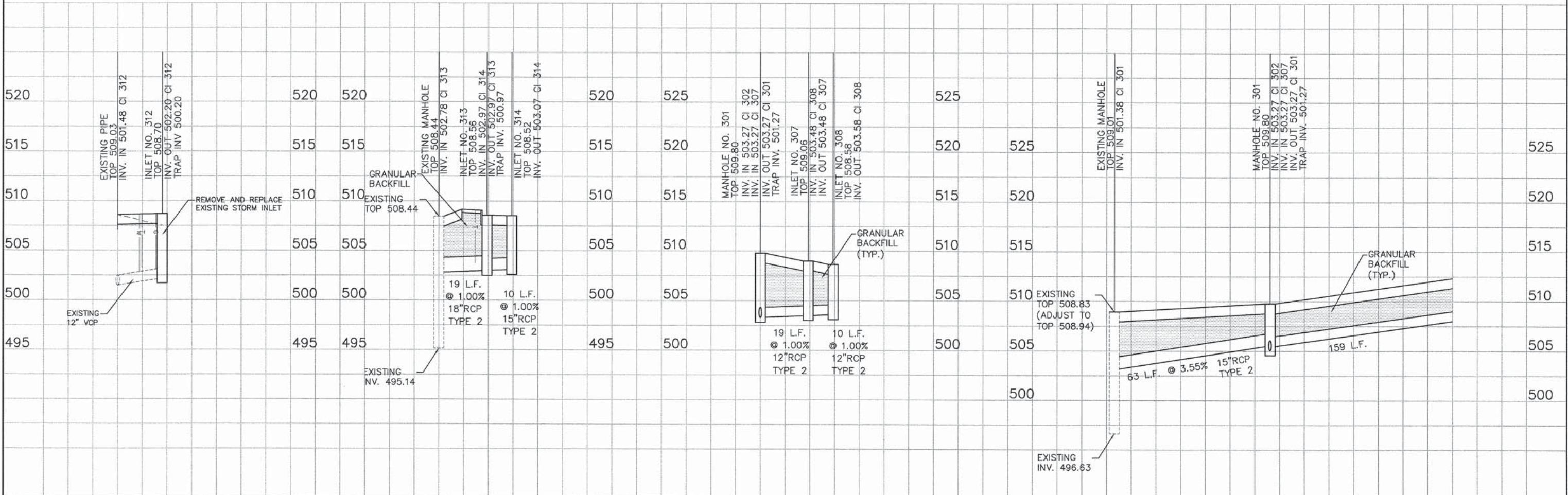
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600	05-00206-00-WR	ST. CLAIR	157	61
CONTRACT NO. 97442				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTED		
	FILED		
	NO. _____		



MATCH LINE STA. 509+50

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTED		
	FILED		
	NO. _____		



05119 Overall-R02.DWG
 USER NAME = Stephen G. Judisak
 PLOT SCALE =
 PLOT DATE = 3/19/2015

DESIGNED - J.S.A.	REVISED -
DRAWN - S.J.	REVISED -
CHECKED - E.R.O.	REVISED -
DATE - DATE	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

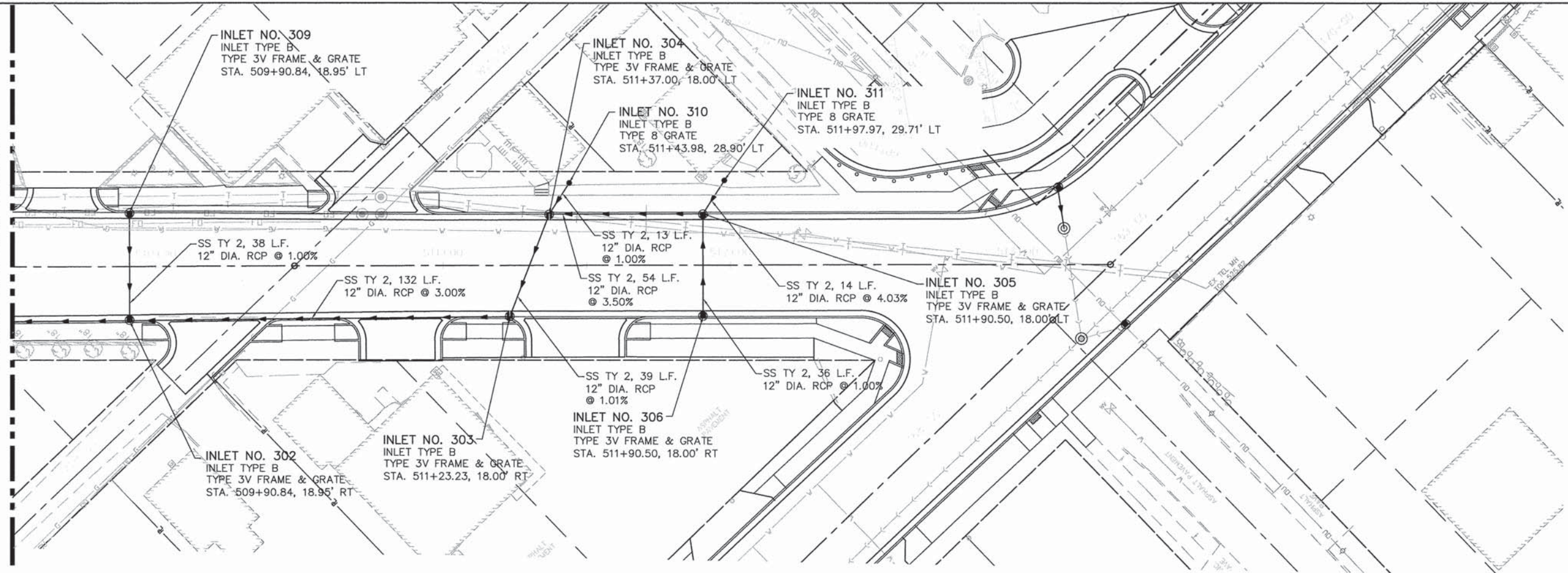
**DRAINAGE AND UTILITY PLAN AND PROFILE
 LEBANON AVENUE**

SCALE: SHEET NO. 63 OF 157 SHEETS STA. 504+74.86 TO STA. 509+50

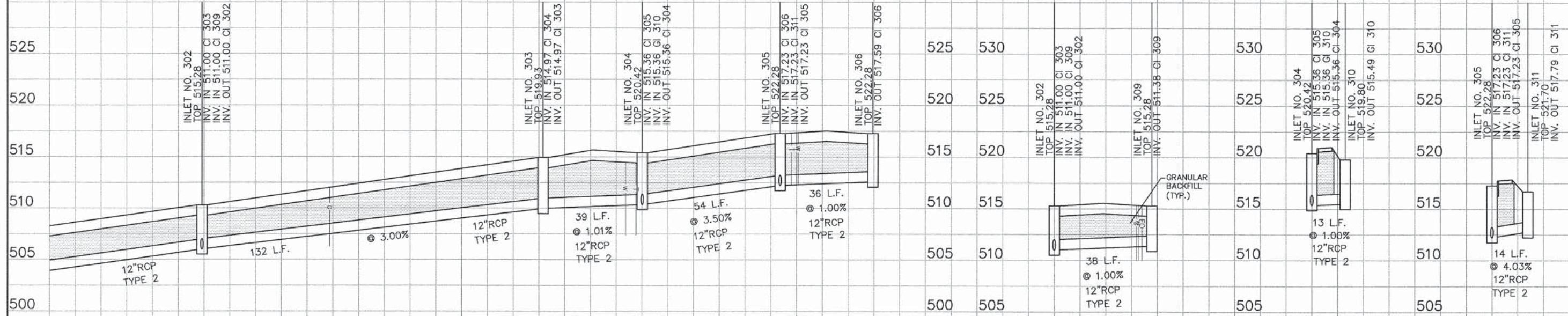
F.A.U. RTE. 600	SECTION 05-00206-00-WR	COUNTY ST. CLAIR	TOTAL SHEETS 157	SHEET NO. 63
CONTRACT NO. 97442 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTED		
	RECHECKED		
	RT. OF WAY CHECKED		
	NO. _____		
	FILE NAME		

MATCH LINE STA. 509+50



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTED		
	RECHECKED		
	STRUCTURE NOTATIONS OK'D		
	NO. _____		



05119 Overall-R02.DWG

USER NAME = Stephen G. Judiscak
 PLOT SCALE =
 PLOT DATE = 3/19/2015

DESIGNED - J.S.A.
 DRAWN - S.J.
 CHECKED - E.R.O.
 DATE - DATE

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITY PLAN AND PROFILE
 LEBANON AVENUE**

SCALE: SHEET NO. 64 OF 157 SHEETS STA. 509+50 TO STA. 513+32.32

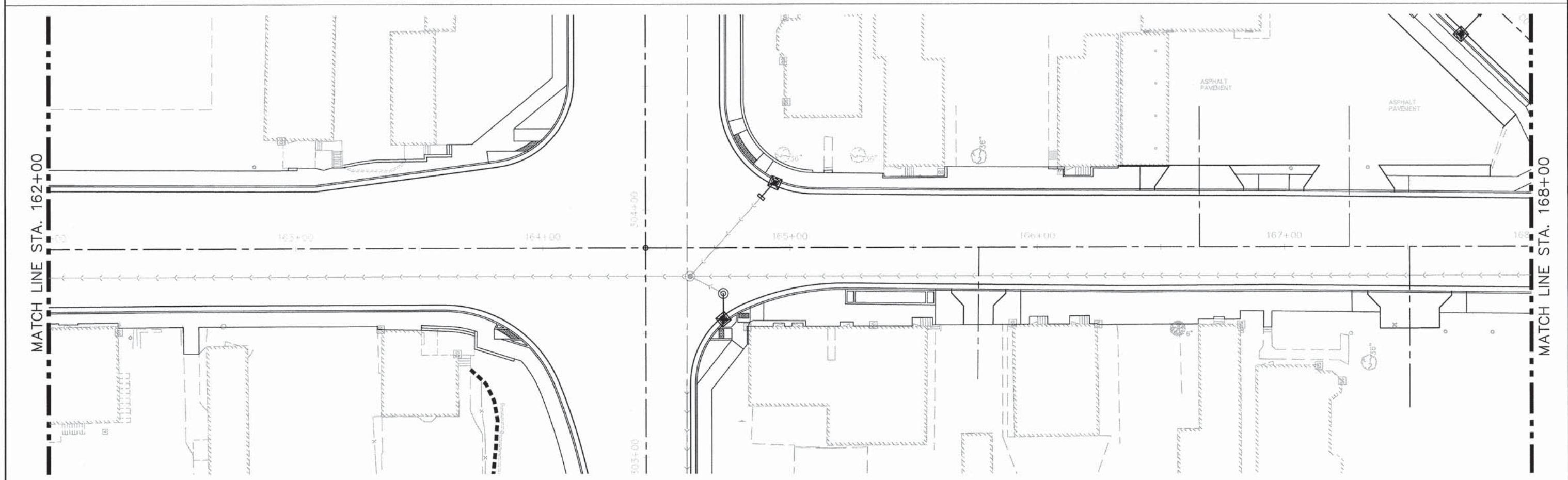
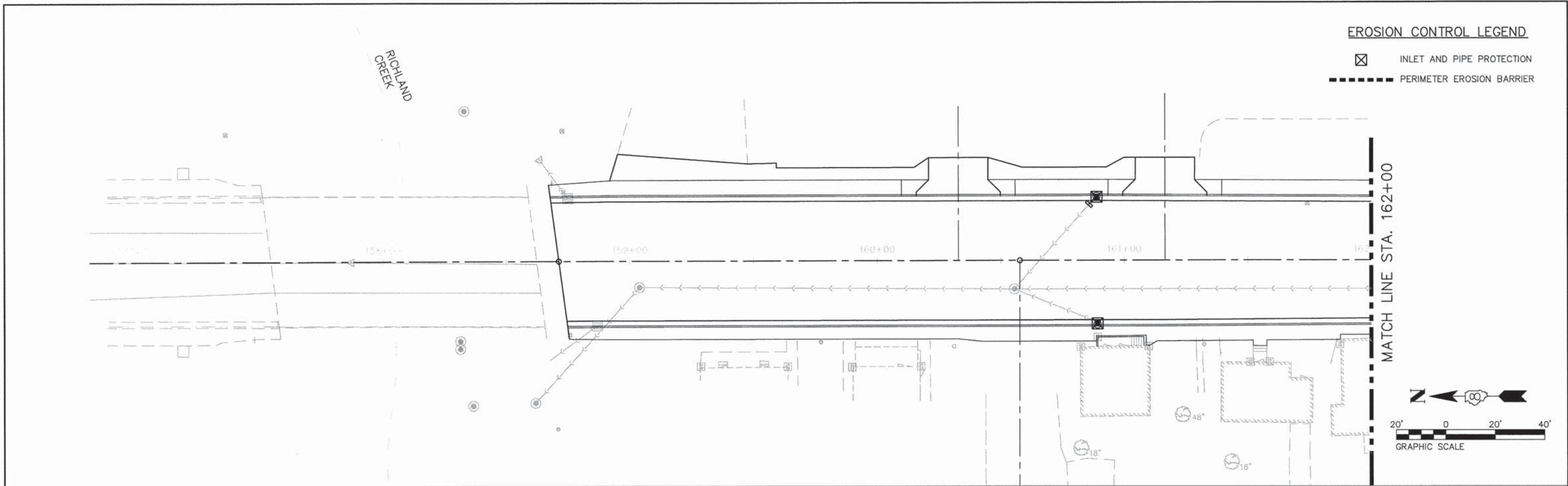
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	05-00206-00-WR	ST. CLAIR	157	64
CONTRACT NO. 97442				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
NOTE BOOK	ALIGNED		
NO.	RT. OF WAY CHECKED		
	POD FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	GRADES CHECKED		
NO.	S.M. NOTED		
	STRUCTURE NOTATIONS CHRD		

EROSION CONTROL LEGEND

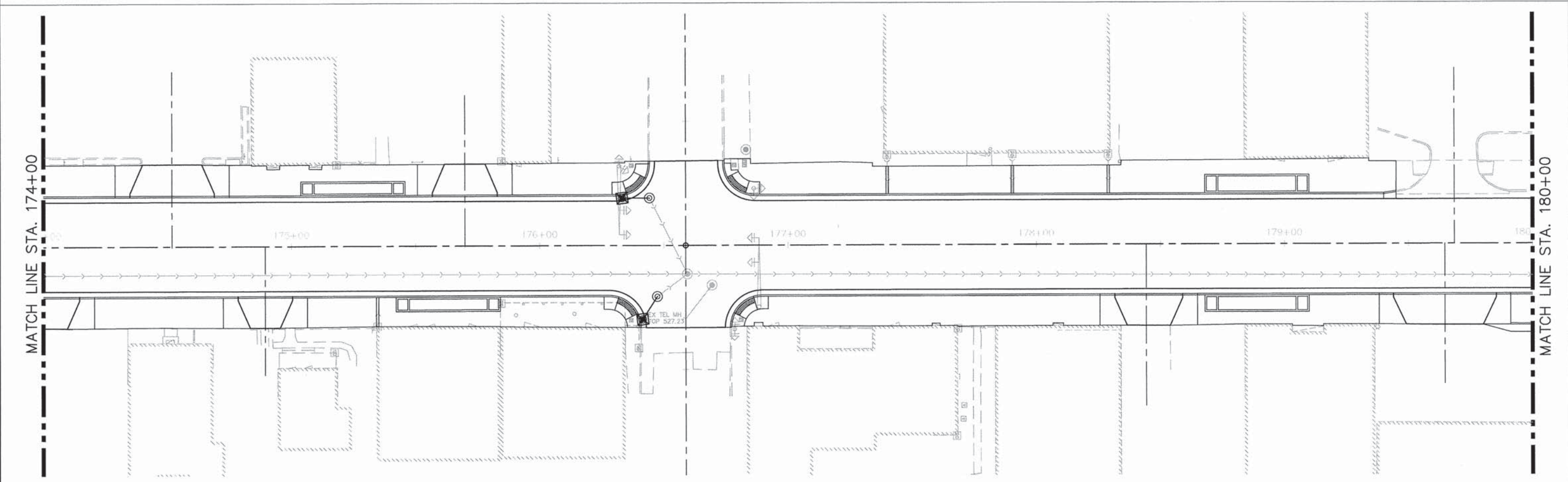
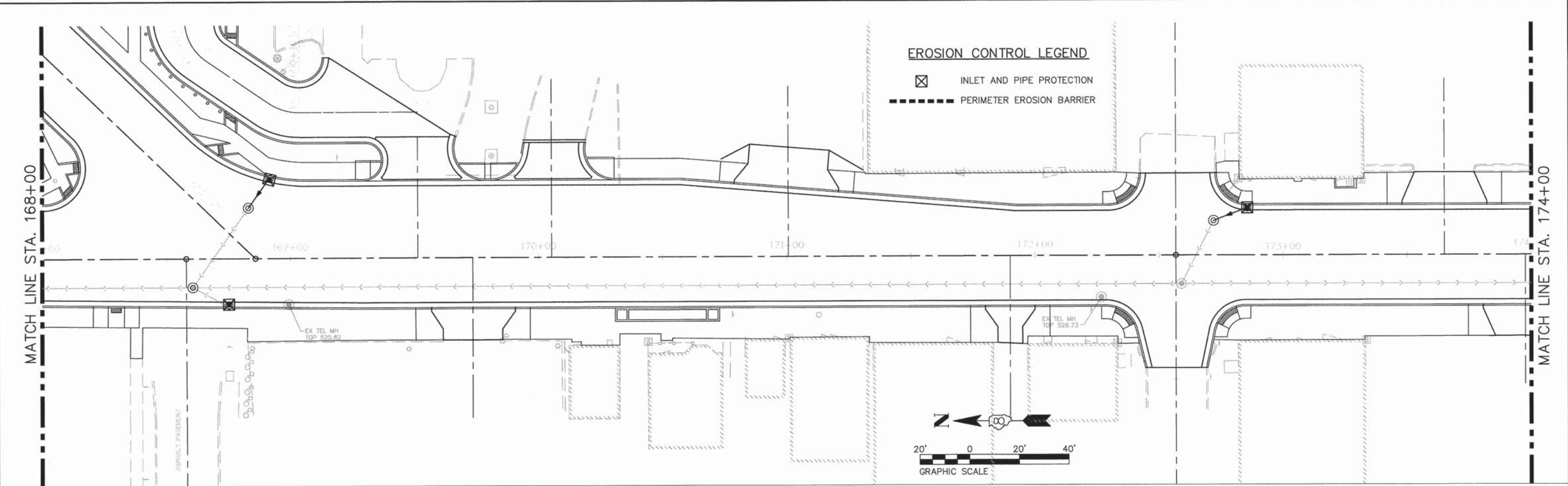
	INLET AND PIPE PROTECTION
	PERIMETER EROSION BARRIER



05119 erosion.DWG	USER NAME = Cynthia J. Hermanns	DESIGNED - B.J.W.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION AND SEDIMENT CONTROL PLAN ILLINOIS ROUTE 159	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	DRAWN - S.J.	REVISED -			600	05-00206-00-WR	ST. CLAIR	157	65
PLOT DATE = 2/18/2015	CHECKED - E.R.O.	DATE - DATE	REVISED -	SCALE: SHEET NO. 65 OF 157 SHEETS STA. 158+71.28 TO STA. 168+00		CONTRACT NO. 97442 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		
	POD FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	GRADES CHECKED		
	B.M. NOTED		
	STRUCTURE NOTATIONS CHKD		



05119 erosion.DWG

USER NAME = Cynthia J. Hermanns	DESIGNED - B.J.W.	REVISED -
	DRAWN - S.J.	REVISED -
PLOT SCALE =	CHECKED - E.R.O.	REVISED -
PLOT DATE = 2/13/2015	DATE - DATE	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

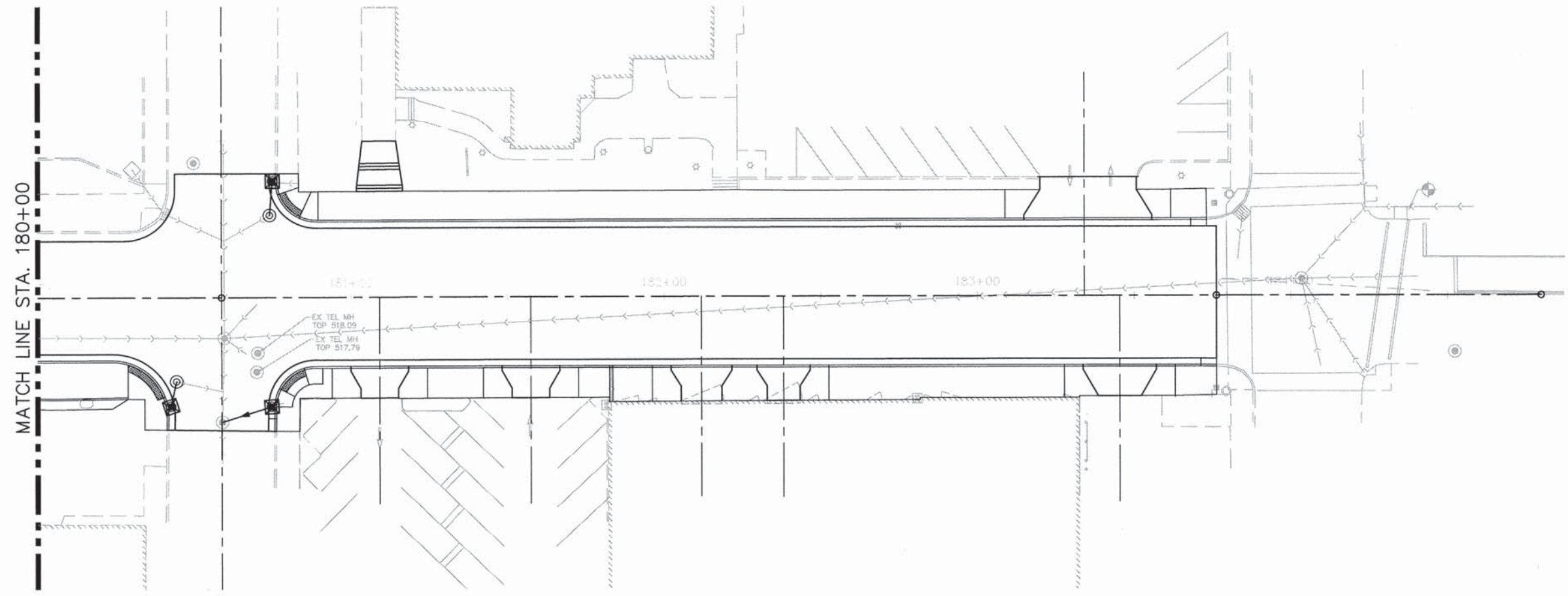
**EROSION AND SEDIMENT CONTROL PLAN
ILLINOIS ROUTE 159**

SCALE: SHEET NO. 66 OF 157 SHEETS STA. 168+00 TO STA. 180+00

F.A.U. RTE. 600	SECTION 05-00206-00-WR	COUNTY ST. CLAIR	TOTAL SHEETS 157	SHEET NO. 66
CONTRACT NO. 97442				ILLINOIS FED. AID PROJECT

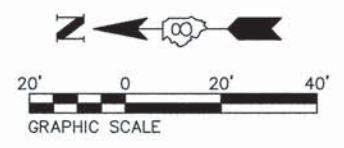
PLAN	SURVEYED	BY	DATE
	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		
	NO. _____		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	S.M. NOTED		
	STRUCTURE NOTATIONS CRD		
	NO. _____		



EROSION CONTROL LEGEND

- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER



05119 erosion.DWG

USER NAME = Cynthia J. Hermanns	DESIGNED -- B.J.W.	REVISED --
PLOT SCALE =	DRAWN -- S.J.	REVISED --
PLOT DATE = 2/13/2015	CHECKED -- E.R.O.	REVISED --
	DATE -- DATE	REVISED --



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

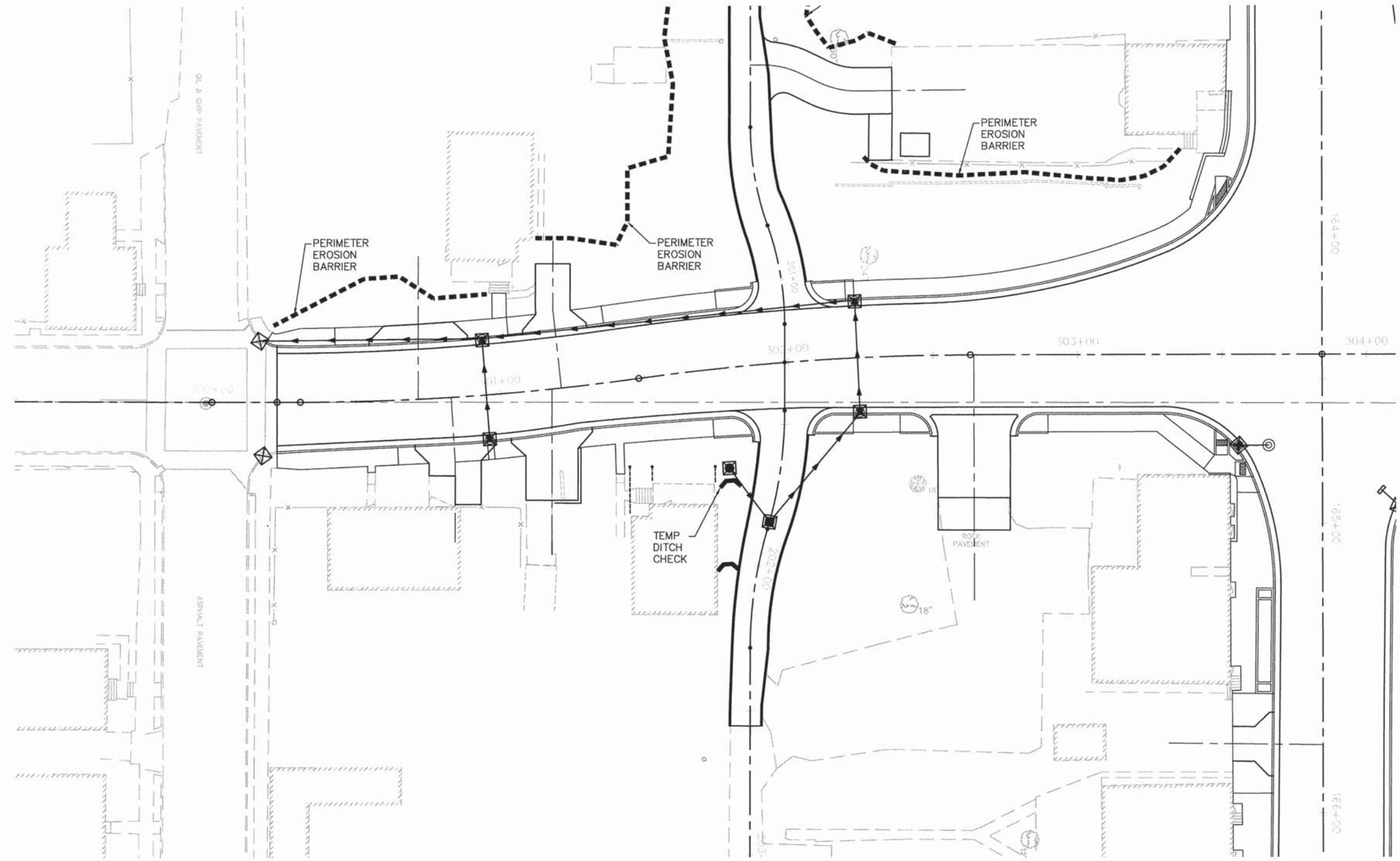
**EROSION AND SEDIMENT CONTROL PLAN
ILLINOIS ROUTE 159**

SCALE: SHEET NO. 67 OF 157 SHEETS STA. 180+00 TO STA. 183+76.21

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	05-00206-00-WR	ST. CLAIR	157	67
CONTRACT NO. 97442				
ILLINOIS FED. AID PROJECT				

EROSION CONTROL LEGEND

-  INLET AND PIPE PROTECTION
-  PERIMETER EROSION BARRIER



PLAN	SURVEYED	BY	DATE
	ALIGNED		
NOTE BOOK NO.	RT. OF WAY CHECKED		
	PROP. FILE NAME		

PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
NOTE BOOK NO.	B.M. NOTED		
	STRUCTURE NOTATIONS CRD		

05119 erosion.DWG
 PLOT SCALE =
 PLOT DATE = 2/13/2015

USER NAME = Cynthia J. Hermanns	DESIGNED -- B.J.W.	REVISED --
	DRAWN -- S.J.	REVISED --
	CHECKED -- E.R.O.	REVISED --
	DATE -- DATE	REVISED --

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLAN
 F STREET**

SCALE: SHEET NO. 68 OF 157 SHEETS STA. 300+22.55 TO STA. 303+84.63

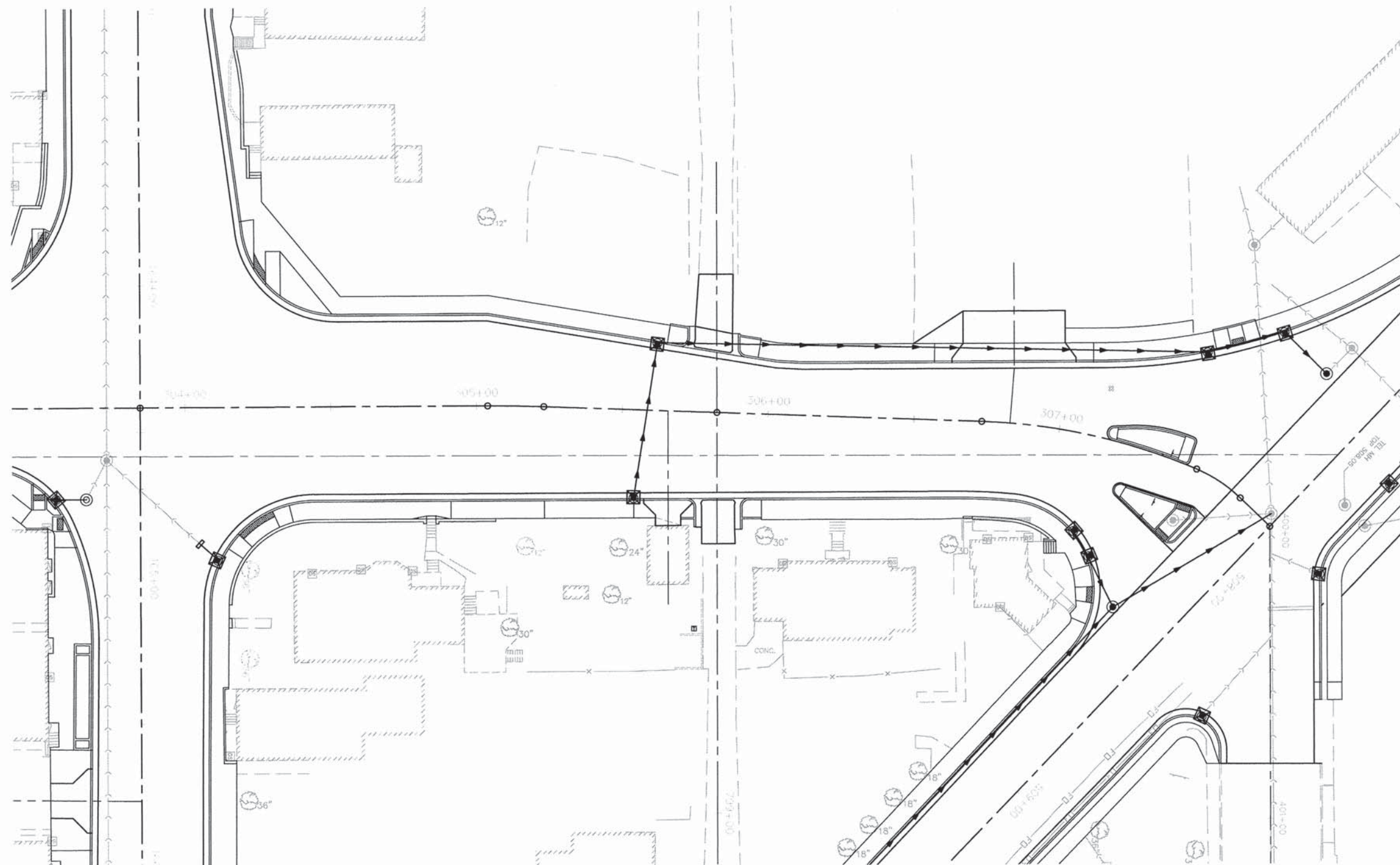
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	05-00206-00-WR	ST. CLAIR	157	68
CONTRACT NO. 97442				
ILLINOIS FED. AID PROJECT				

EROSION CONTROL LEGEND

-  INLET AND PIPE PROTECTION
-  PERIMETER EROSION BARRIER

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	PT. OF WAY CHECKED		
NO.	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	STRUCTURE NOTATIONS OK'D		
NO.			



05119 erosion.DWG

USER NAME = Cynthia J. Hermanns	DESIGNED - B.J.W.	REVISED -
	DRAWN - S.J.	REVISED -
PLOT SCALE =	CHECKED - E.R.O.	REVISED -
PLOT DATE = 2/13/2015	DATE - DATE	REVISED -



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLAN
F STREET**

SCALE: SHEET NO. 69 OF 157 SHEETS STA. 303+84.63 TO STA. 307+80.18

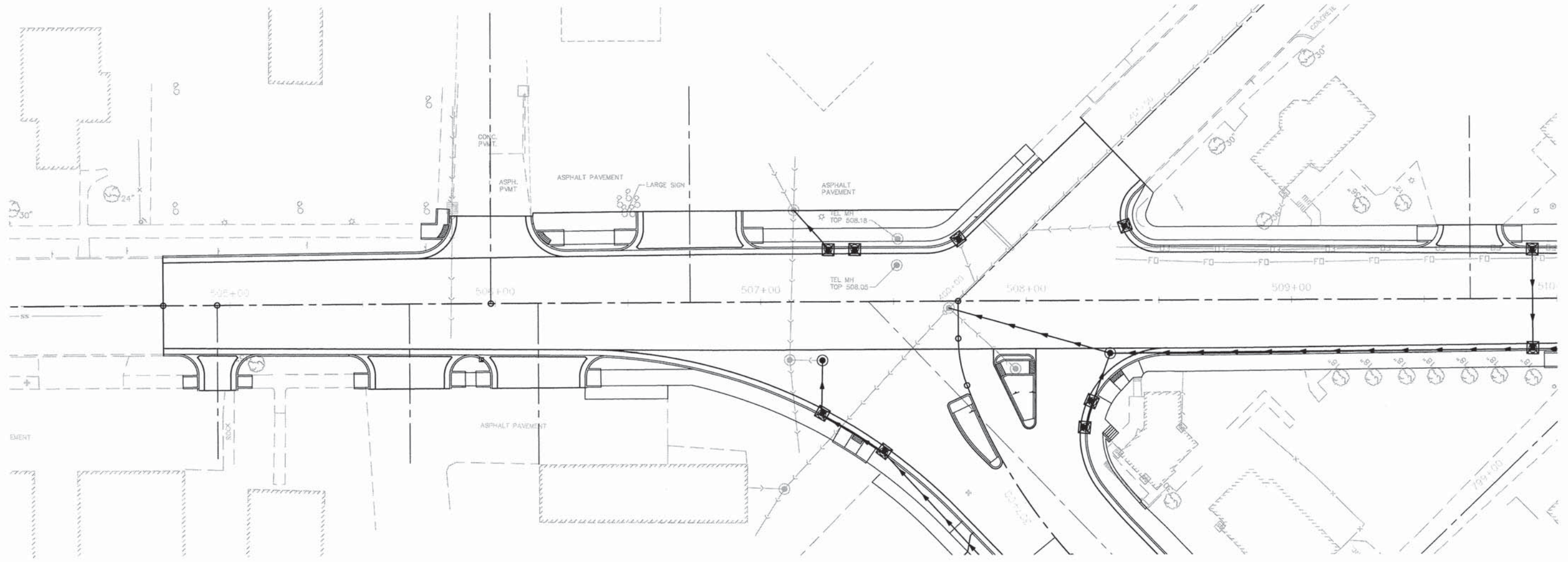
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	05-00206-00-WR	ST. CLAIR	157	69
CONTRACT NO. 97442				
ILLINOIS FED. AID PROJECT				

EROSION CONTROL LEGEND

-  INLET AND PIPE PROTECTION
-  PERIMETER EROSION BARRIER



PLAN	SURVEYED	DATE
	ALIGNED	BY
NOTE BOOK NO.	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	ROAD FILE NAME	

PROFILE	SURVEYED	DATE
	CLASSIFIED	BY
NOTE BOOK NO.	CHECKED	
	BY	
	STRUCTURE NOTATIONS CRKD	



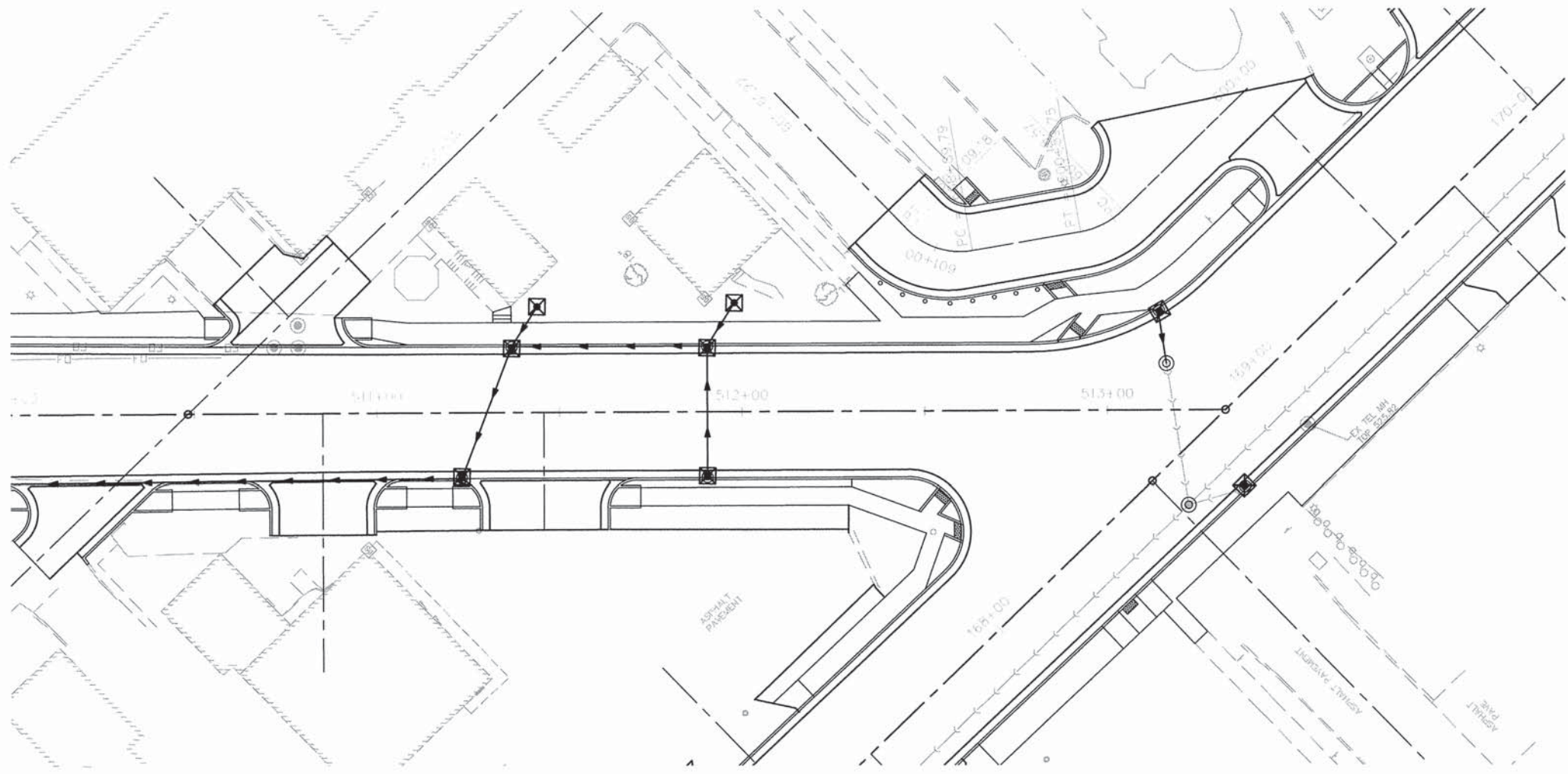
05119 erosion.DWG	USER NAME = Cynthia J. Hermanns	DESIGNED -- B.J.W.	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION AND SEDIMENT CONTROL PLAN LEBANON AVENUE	F.A.U. RTE. 600	SECTION 05-00206-00-WR	COUNTY ST. CLAIR	TOTAL SHEETS 157	SHEET NO. 70
	PLOT SCALE =	CHECKED -- E.R.O.	REVISED --			SCALE:	SHEET NO. 70 OF 157 SHEETS	STA. 504+74.96 TO STA. 510.00	CONTRACT NO. 97442 ILLINOIS FED. AID PROJECT	
	PLOT DATE = 2/13/2015	DATE -- DATE	REVISED --							

EROSION CONTROL LEGEND

-  INLET AND PIPE PROTECTION
-  PERIMETER EROSION BARRIER



PLAN	SURVEYED	DATE
NOTE BOOK NO.	ALIGNMENT CHECKED	
	PT. OF WAY CHECKED	
	POD FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	
	S.M. NOTED	
	STRUCTURE NOTATIONS CRPD	



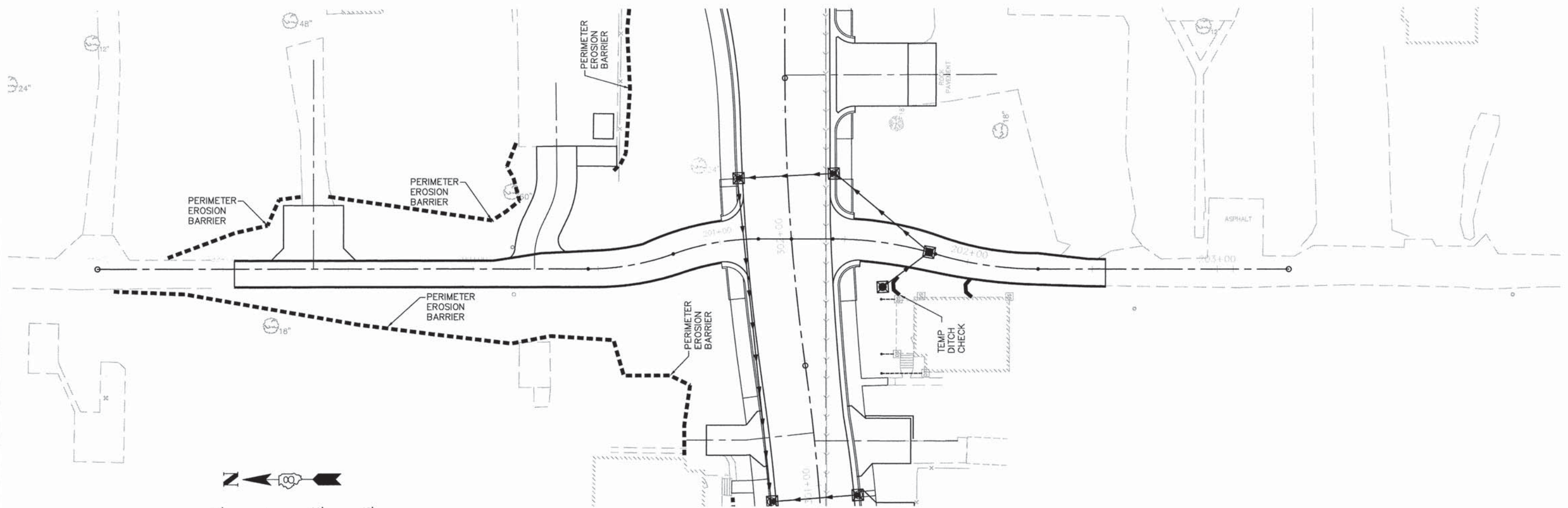
05119 erosion.DWG	USER NAME = Cynthia J. Hermanns	DESIGNED -- B.J.W.	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION AND SEDIMENT CONTROL PLAN LEBANON AVENUE	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED -- E.R.O.	REVISED --			600	05-00206-00-WR	ST. CLAIR	157	71
PLOT DATE = 2/13/2015	DATE -- DATE	REVISED --		SCALE: SHEET NO. 71 OF 157 SHEETS STA. 510+00 TO STA. 513+32.32		CONTRACT NO. 97442 ILLINOIS FED. AID PROJECT				

EROSION CONTROL LEGEND

-  INLET AND PIPE PROTECTION
-  PERIMETER EROSION BARRIER

PLAN	SURVEYED	BY	DATE
	NOTE BOOK NO.	ALIGNED	CHECKED
		RT. OF WAY	CHECKED
		PROP. FILE	NAME

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



05119 erosion.DWG	USER NAME = Cynthia J. Hermanns	DESIGNED -- B.J.W.	REVISED --
		DRAWN -- S.J.	REVISED --
	PLOT SCALE =	CHECKED -- E.R.O.	REVISED --
	PLOT DATE = 2/13/2015	DATE -- DATE	REVISED --

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLAN
ALLEY AT F STREET**

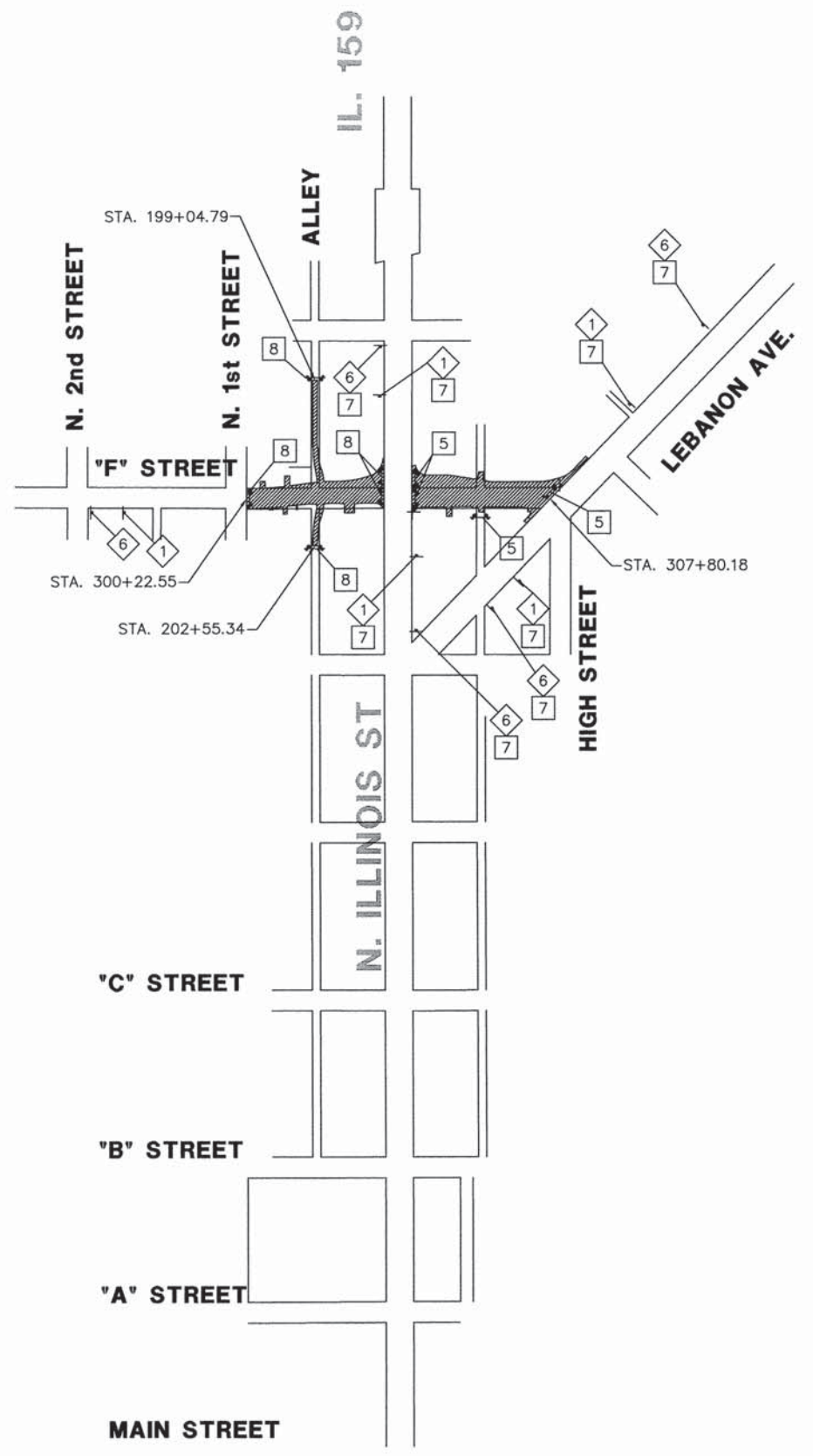
SCALE: SHEET NO. 72 OF 157 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	05-00206-00-WR	ST. CLAIR	157	72
CONTRACT NO. 97442				
ILLINOIS FED. AID PROJECT				

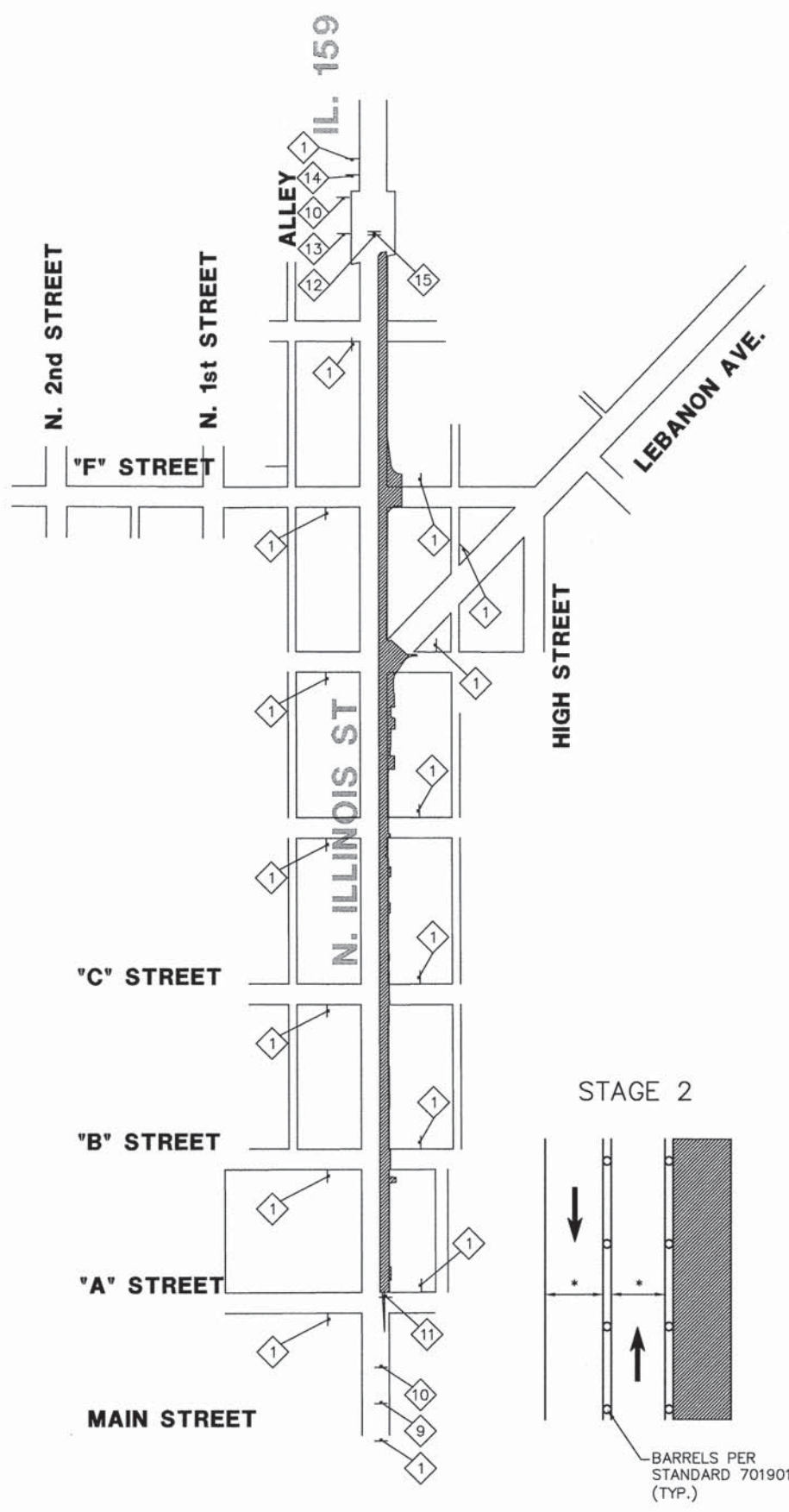
PLAN	SUBMITTED	BY	DATE
NOTE BOOK NO.	NOTED		
	ALIGNED		
	CHECKED		
	FILE NAME		

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

STAGE 1



STAGE 2



TRAFFIC CONTROL LEGEND

- 1 ROAD CONSTRUCTION AHEAD W20-1103(0)-48
- 2 SIDEWALK CLOSED USE OTHER SIDE (R11-1102-2430)
- 3 SIDEWALK CLOSED (R11-1101-2418)
- 4 SIDEWALK CLOSED AHEAD CROSS HERE (R9-11)
- 5 TYPE III BARRICADES WITH ROAD CLOSED SIGN (R11-2-4830)
- 6 ROAD CLOSED AHEAD W20-3(0)-48
- 7 W16-8(0)-1808 (ALL 4" LETTERS) F STREET
- 8 TYPE III BARRICADES WITH ROAD CLOSED TO THRU TRAFFIC (R11-4-4830)
- 9 W1-4L(0)
- 10 W21-1a(0)-48
- 11 W6-3(0)-48
- 12 W1-4R(0)-48
- 13 W6-6(0)-48
- 14 CENTER LANE CLOSED W20-5c(0)-48
- 15 W1-6R(0)-6030
- 16 ONE LANE ROAD AHEAD W20-4(0)-48
- 17 W20-7(0)-48
- 18 W16-8(0)-1808 (ALL 4" LETTERS) LEBANON AVE.

GENERAL NOTES

- STAGE 1
- BARRICADES PER STANDARD 701901.
 - ROAD CLOSED REFER TO STANDARD 701901 FOR SIGNAGE.
- STAGE 2
- TRAFFIC CONTROL SHALL CONFORM TO STANDARDS 701502 AND 701801.
 - CONTRACTOR TO COMPLETE REMOVAL AND REPLACEMENT OF SIDEWALK AND CURB AND GUTTER ALONG WITH ANY WIDENING REQUIRED IN ONE OR TWO BLOCK INCREMENTS.
- *NOTE: CONTRACTOR TO PROVIDE A MINIMUM OF 11' OF ROADWAY FOR EACH DIRECTION OF TRAVEL.

05119 StagingR02.dwg	USER NAME = Cynthia J. Hermanns	DESIGNED - S.G.J.	REVISED -
		DRAWN - C.J.H.	REVISED -
		CHECKED - E.R.O.	REVISED -
		DATE - DATE	REVISED -
	PLOT SCALE =		
	PLOT DATE = 2/18/2015		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

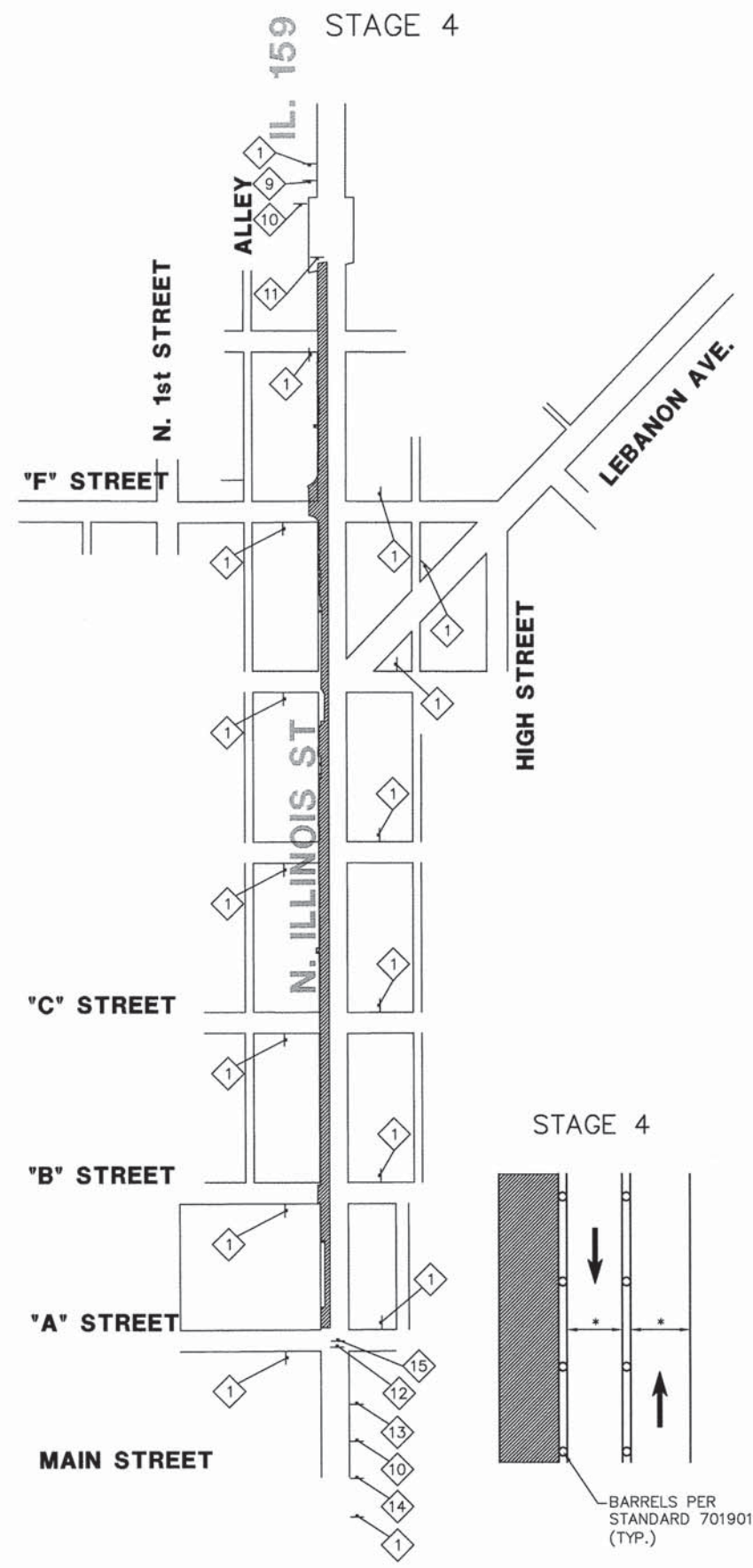
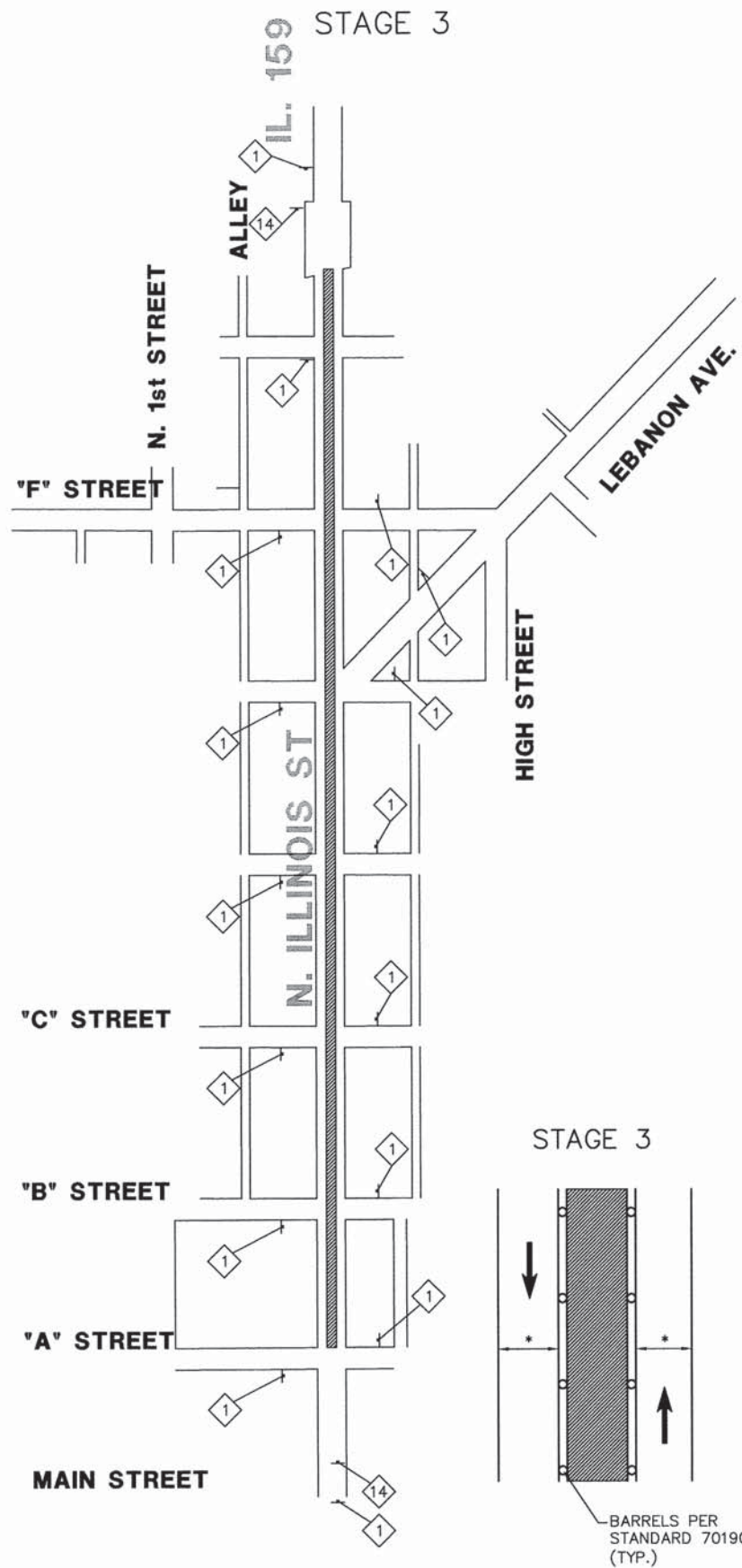
**MAINTENANCE OF TRAFFIC
STAGES 1 AND 2**

SCALE: 1"=200' SHEET NO. 74 OF 157 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	05-00206-00-WR	ST. CLAIR	157	74
CONTRACT NO. 97442				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	ALIGNED		
	NOTED		
	BY		
	DATE		
	BY		
	DATE		
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PROFILE	SURVEYED	BY	DATE
	ALIGNED		
	NOTED		
	BY		
	DATE		
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	BY		
	DATE		
	BY		
	DATE		



GENERAL NOTES

STAGE 3

1. TRAFFIC CONTROL SHALL CONFORM TO STANDARD 701502.

STAGE 4

1. TRAFFIC CONTROL SHALL CONFORM TO STANDARDS 701502 AND 701801.
2. CONTRACTOR TO COMPLETE REMOVAL AND REPLACEMENT OF SIDEWALK AND CURB AND GUTTER ALONG WITH ANY WIDENING REQUIRED IN ONE OR TWO BLOCK INCREMENTS.

*NOTE:
CONTRACTOR TO PROVIDE A MINIMUM OF 11' OF ROADWAY FOR EACH DIRECTION OF TRAVEL.

05119 StagingR02.dwg

USER NAME = Cynthia J. Hermanns	DESIGNED -- S.G.J.	REVISED --
	DRAWN -- C.J.H.	REVISED --
	CHECKED -- E.R.O.	REVISED --
	DATE -- DATE	REVISED --
PLOT SCALE =		
PLOT DATE = 2/18/2015		

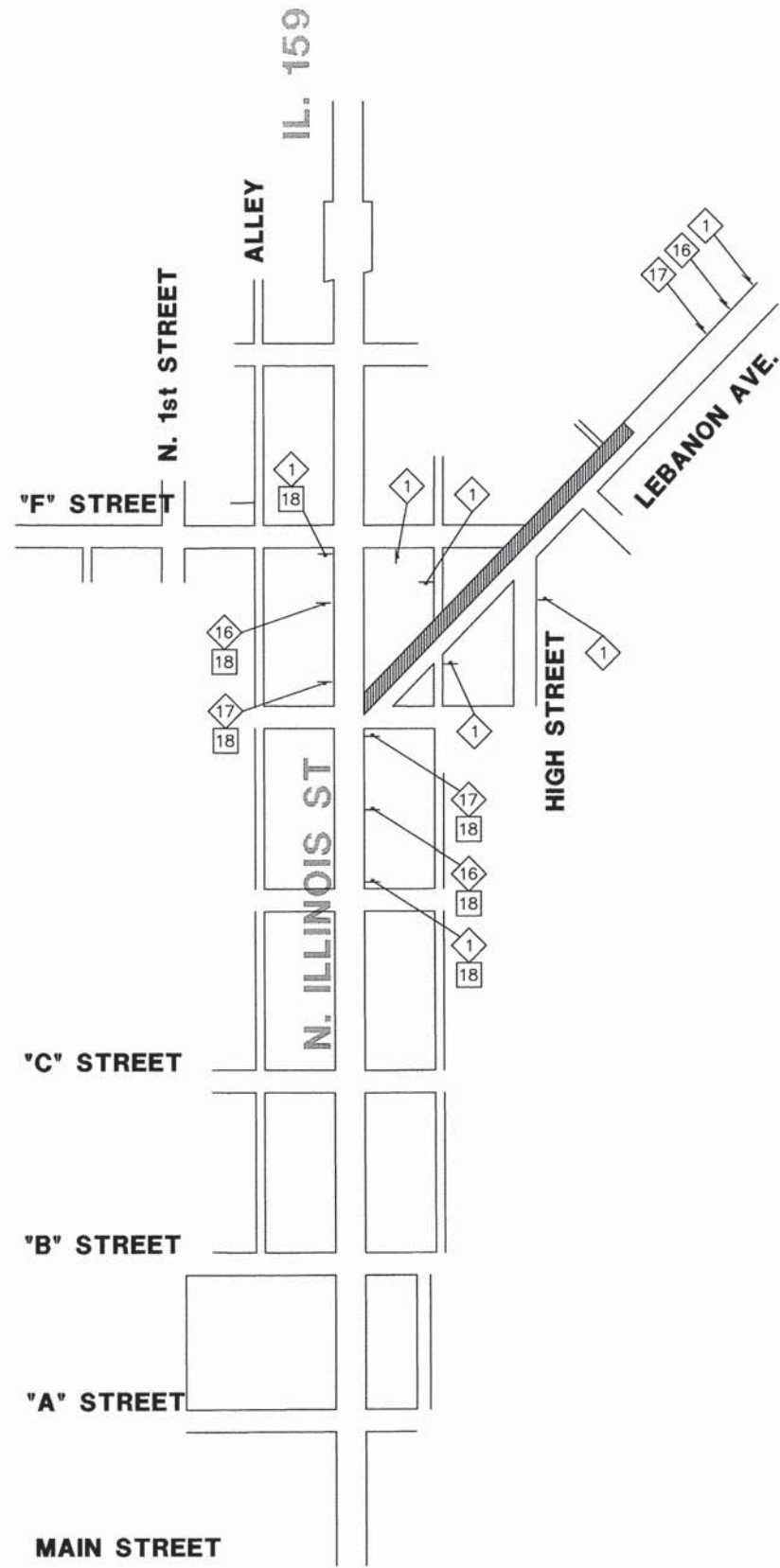
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGES 3 AND 4**

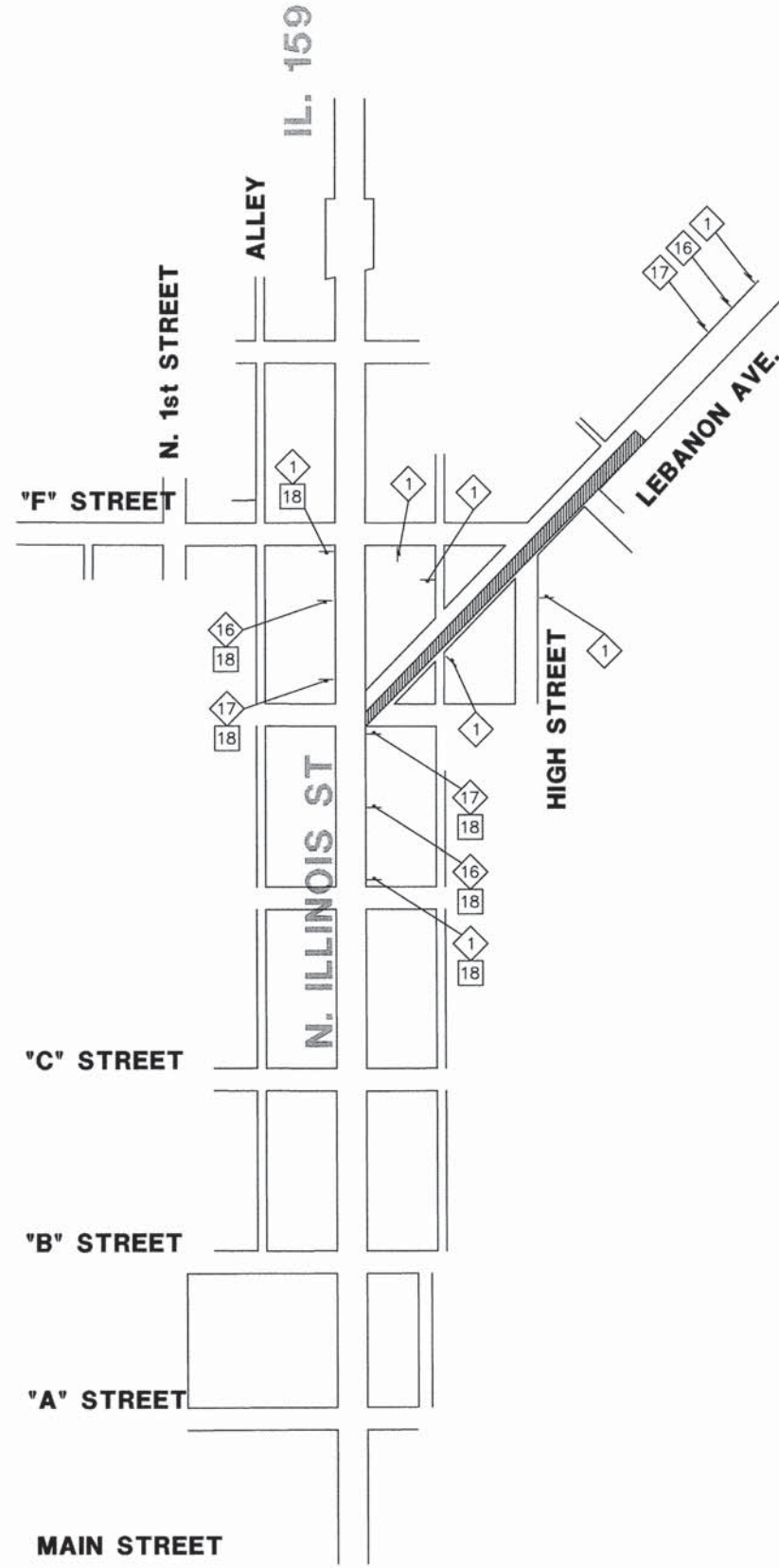
SCALE: 1"=200' SHEET NO. 75 OF 157 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	05-00206-00-WR	ST. CLAIR	157	75
CONTRACT NO. 97442				
ILLINOIS FED. AID PROJECT				

STAGE 5



STAGE 6



TRAFFIC CONTROL LEGEND

- 1 ROAD CONSTRUCTION AHEAD
W20-1(0)-48
- 2 SIDEWALK CLOSED USE OTHER SIDE
(R11-1102-2430)
- 3 SIDEWALK CLOSED
(R11-1101-2418)
- 4 SIDEWALK CLOSED AHEAD CROSS HERE
(R9-11)
- 5 TYPE III BARRICADES WITH ROAD
CLOSED SIGN (R11-2-4830)
- 6 ROAD CLOSED AHEAD
W20-3(0)-48
- 7 W16-8(0)-1808 (ALL 4" LETTERS) F STREET
- 8 TYPE III BARRICADES WITH ROAD CLOSED
TO THRU TRAFFIC (R11-4-4830)
- 9 W1-4L(0)
- 10 W21-1a(0)-48
- 11 W6-3(0)-48
- 12 W1-4R(0)-48
- 13 W6-6(0)-48
- 14 CENTER LANE CLOSED
W20-5c(0)-48
- 15 W1-6R(0)-6030
- 16 ONE LANE ROAD AHEAD
W20-4(0)-48
- 17 W20-7(0)-48
- 18 W16-8(0)-1808 (ALL 4" LETTERS) LEBANON AVE.

GENERAL NOTES

- STAGE 5
1. TRAFFIC CONTROL SHALL CONFORM TO STANDARD 701501 AND 701801.
- STAGE 6
1. TRAFFIC CONTROL SHALL CONFORM TO STANDARD 701501 AND 701801.

PLAN	SURVEYED	BY	DATE
NOTE BOOK	ALIGNED		
NO.	RT. OF WAY CHECKED		
	POD FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	GRADES CHECKED		
NO.	S.M. NOTED		
	STRUCTURE NOTATIONS CRKD		

05119 StagingR02.dwg

USER NAME = Cynthia J. Hermanns
 PLOT SCALE =
 PLOT DATE = 2/18/2015

DESIGNED -- S.G.J.
 DRAWN -- C.J.H.
 CHECKED -- E.R.O.
 DATE -- DATE

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

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

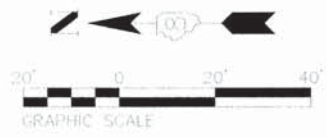
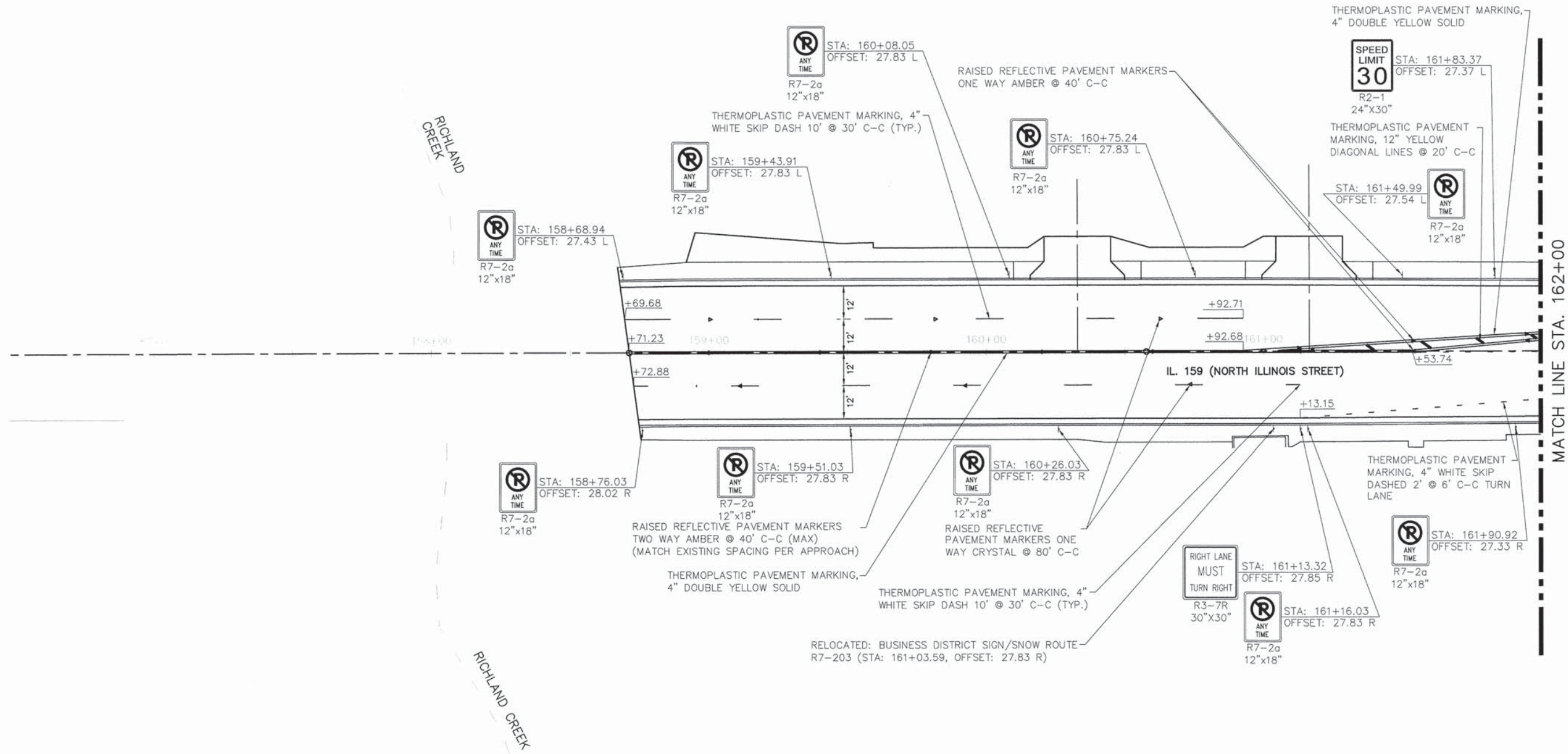
**MAINTENANCE OF TRAFFIC
 STAGE 5 AND 6**

SCALE: 1"=200' SHEET NO. 76 OF 157 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	05-00206-00-WR	ST. CLAIR	157	76
CONTRACT NO. 97442				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	NOTE BOOK		
	ALIGNED		
	CHECKED		
	REF. OF WAY		
	CHECKED		
	NO. _____		
	FILE NAME		

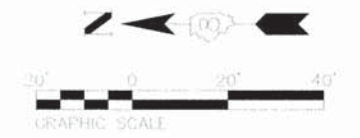
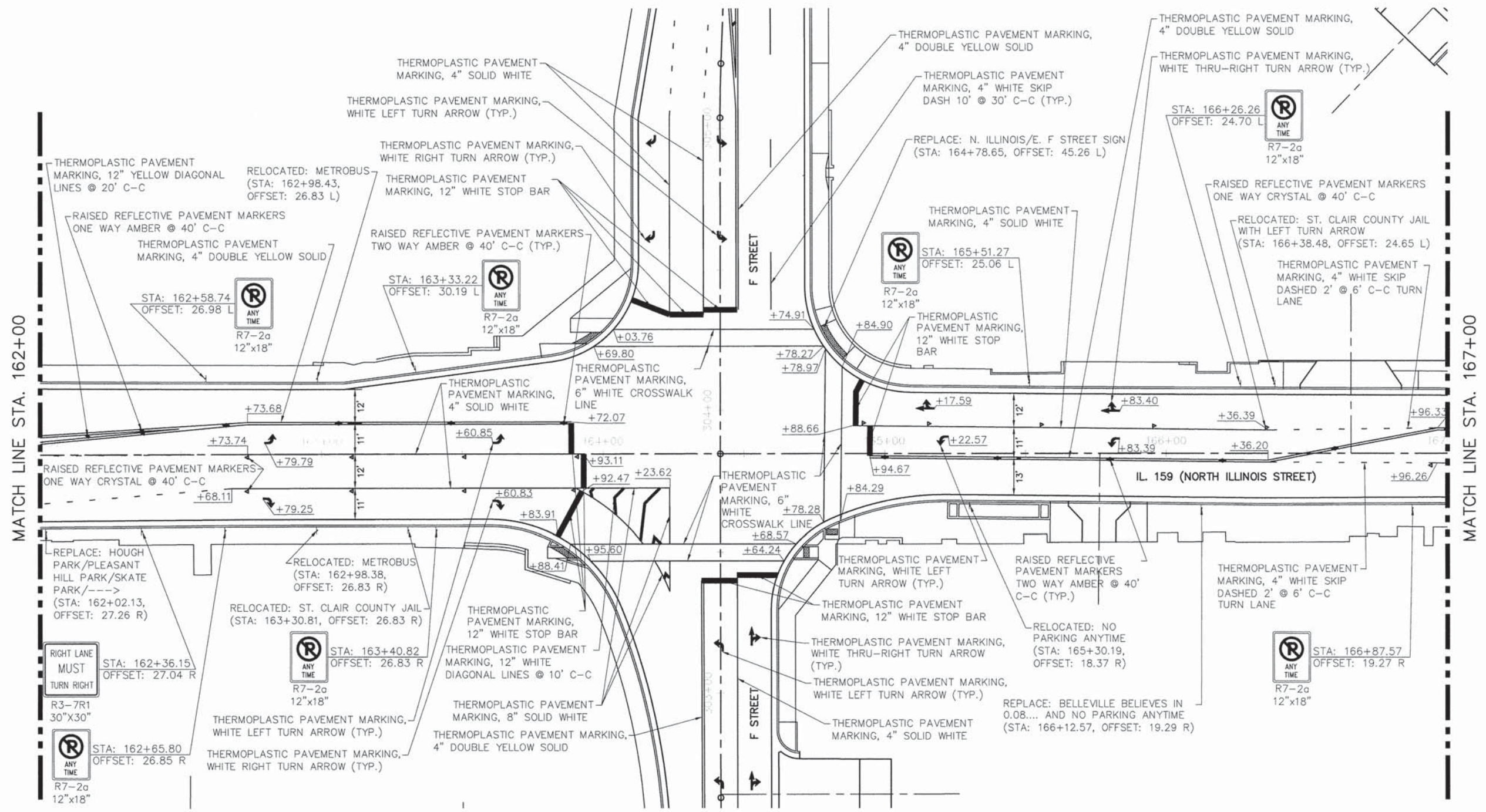
PROFILE	SURVEYED	BY	DATE
	NOTE BOOK		
	GRADES		
	CHECKED		
	B.M. NOTED		
	STRUCTURE		
	NOTATIONS		
	CRD		



05119 stripingR01.DWG	USER NAME = Cynthia J. Hermanns	DESIGNED - B.J.W.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIGNING PLANS ILLINOIS ROUTE 159	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED - E.R.O.	REVISED -			600	05-00206-00-WR	ST. CLAIR	157	77
PLOT DATE = 2/17/2015	DATE - DATE	REVISED -		SCALE: SHEET NO. 77 OF 157 SHEETS STA. 158+92.73 TO STA. 162+00		CONTRACT NO. 97442		ILLINOIS FED. AID PROJECT		

PLAN	REVISION	DATE
NO.	NO.	
BY	BY	
DATE	DATE	
NOTED	NOTED	
ALIGNED	ALIGNED	
CHECKED	CHECKED	
FILE NAME	FILE NAME	

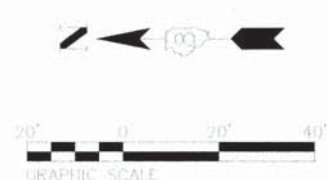
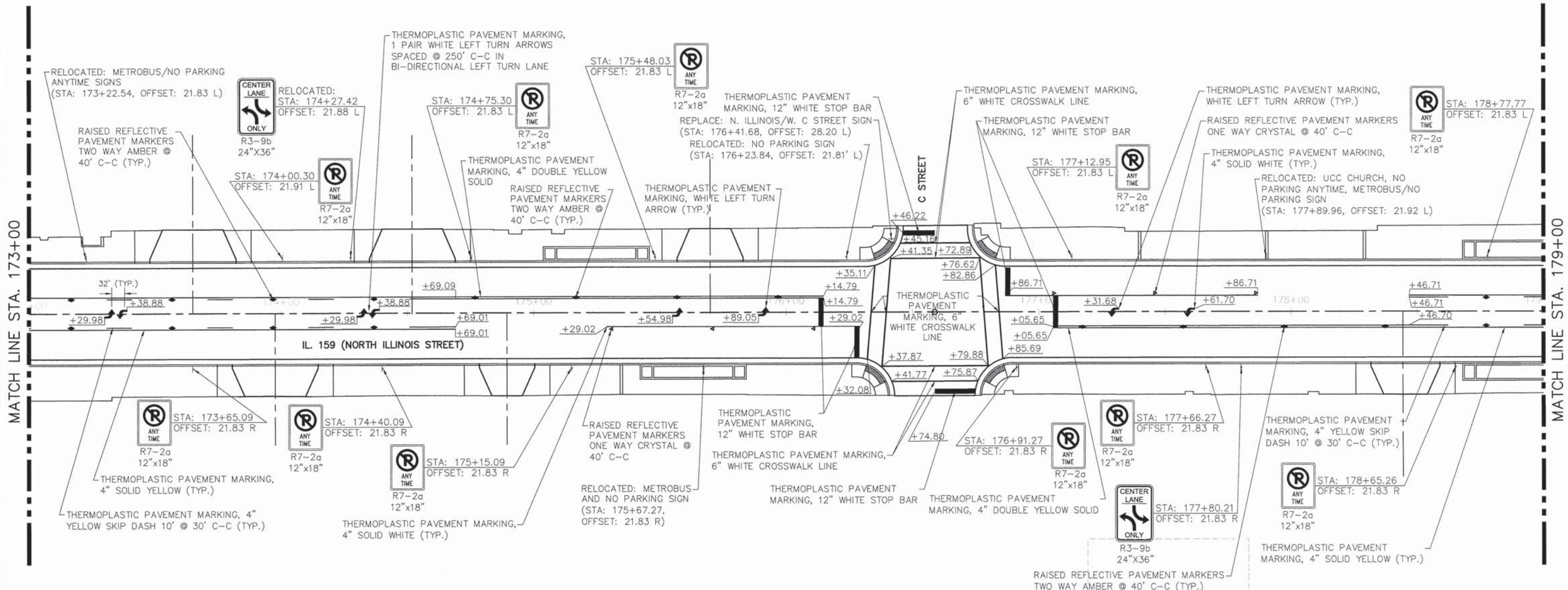
PROFILE	REVISION	DATE
NO.	NO.	
BY	BY	
DATE	DATE	
NOTED	NOTED	
GRADES	GRADES	
CHECKED	CHECKED	
STRUCTURE	STRUCTURE	
NOTATIONS	NOTATIONS	
CHRD	CHRD	



05119 stripingR01.DWG	USER NAME = Cynthia J. Hermanns	DESIGNED - B.J.W.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIGNING PLANS ILLINOIS ROUTE 159	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - S.J.	REVISED -			600	05-00206-00-WR	ST. CLAIR	157	78	
		CHECKED - E.R.O.	REVISED -			CONTRACT NO. 97442					
		DATE - DATE	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE:	SHEET NO. 78 OF 157 SHEETS		STA. 162+00 TO STA. 167+00			

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

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



05119 stripingR01.DWG

USER NAME = Cynthia J. Hermanns	DESIGNED -- B.J.W.	REVISED --
	DRAWN -- S.J.	REVISED --
PLOT SCALE = 1" = .08'	CHECKED -- E.R.O.	REVISED --
PLOT DATE = 2/17/2015	DATE -- DATE	REVISED --

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

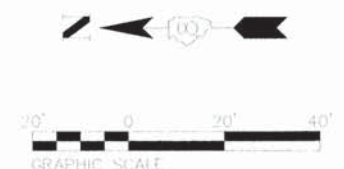
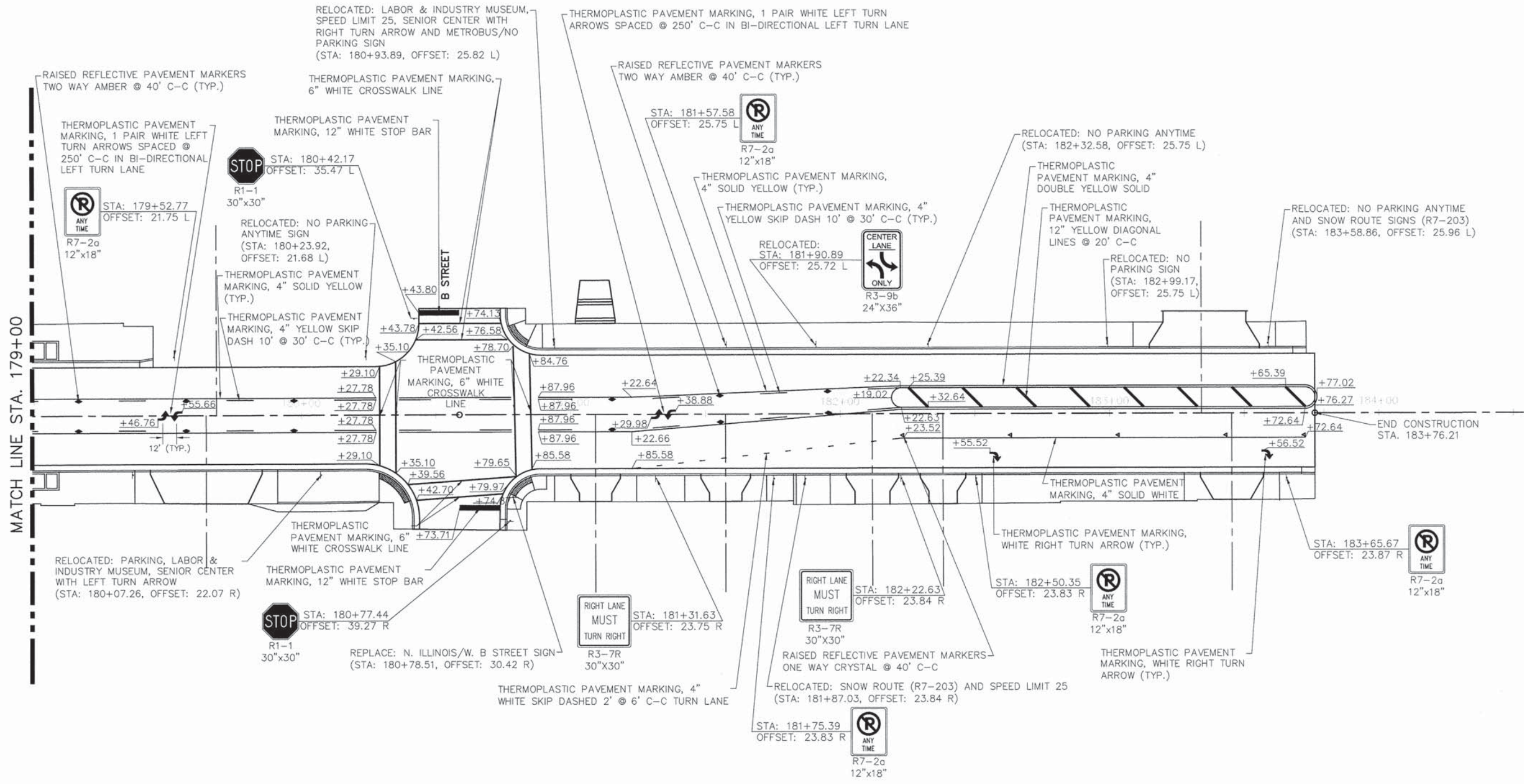
**PAVEMENT MARKING AND SIGNING PLANS
ILLINOIS ROUTE 159**

SCALE: SHEET NO. 80 OF 157 SHEETS STA. 173+00 TO STA. 179+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	05-00206-00-WR	ST. CLAIR	157	80
CONTRACT NO. 97442				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
PLAN	
NO.	
DATE	
BY	
PROFILE	
NO.	

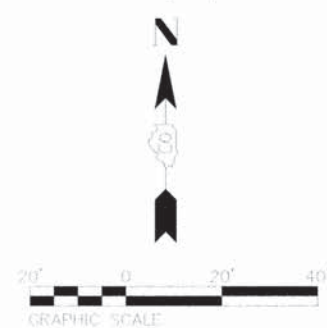
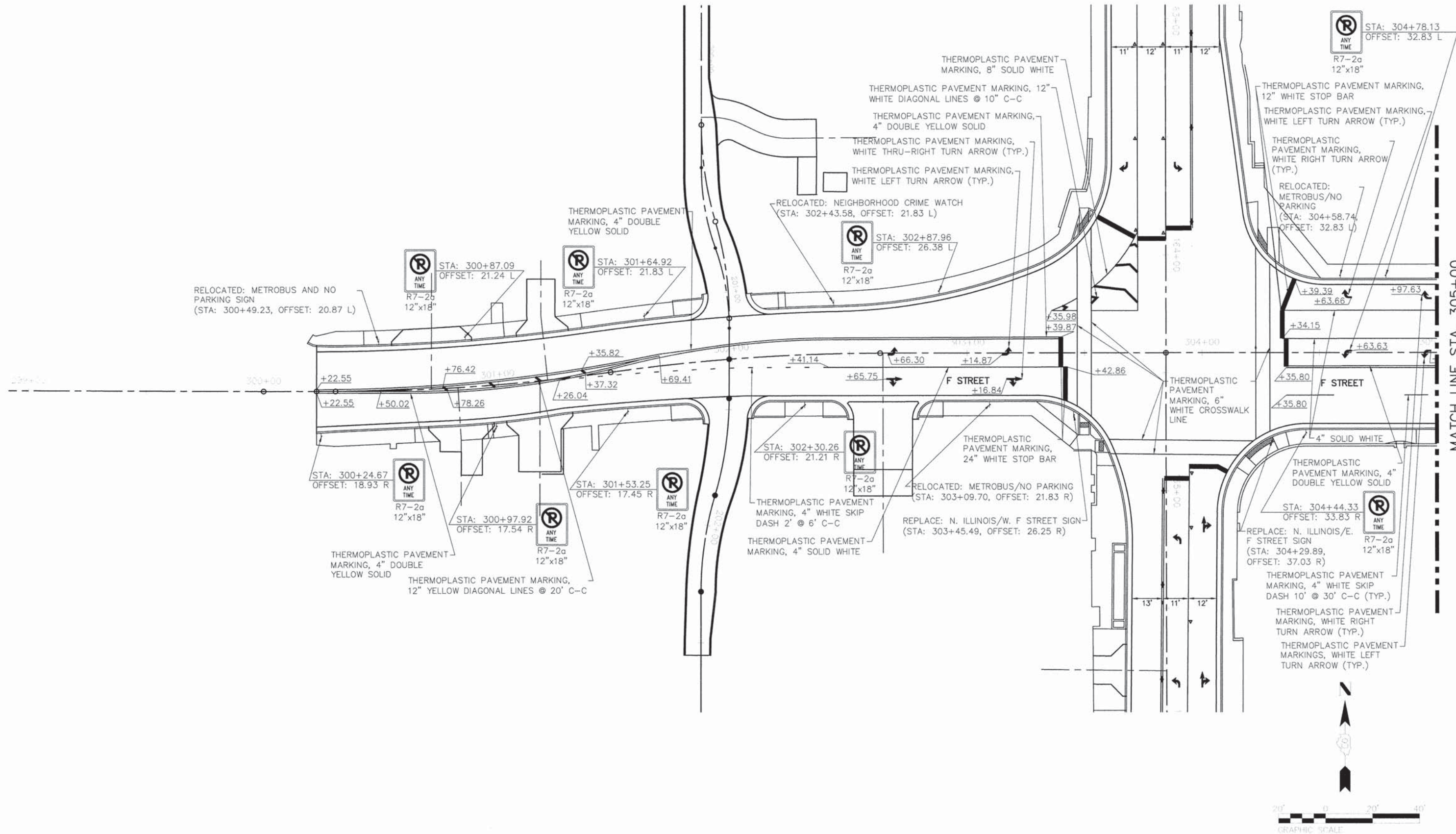
DATE	
BY	
PROFILE	
NO.	
DATE	
BY	
PLAN	
NO.	



05119 stripingR01.DWG	USER NAME = Cynthia J. Hermanns	DESIGNED - B.J.W.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIGNING PLANS ILLINOIS ROUTE 159	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 1" = .08'	DRAWN - S.J.	REVISED -			600	05-00206-00-WR	ST. CLAIR	157	81	
	PLOT DATE = 2/17/2015	CHECKED - E.R.O.	REVISED -			CONTRACT NO. 97442					
		DATE - DATE	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE:	SHEET NO. 81 OF 157 SHEETS		STA. 179+00		TO STA.183+76.21	

PLAN	SURVEYED	DATE
	ALIGNED	BY
	CHECKED	
	NO. OF	
	FILE	
	NAME	

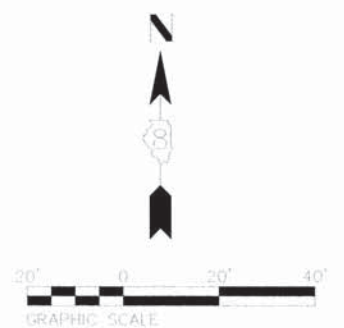
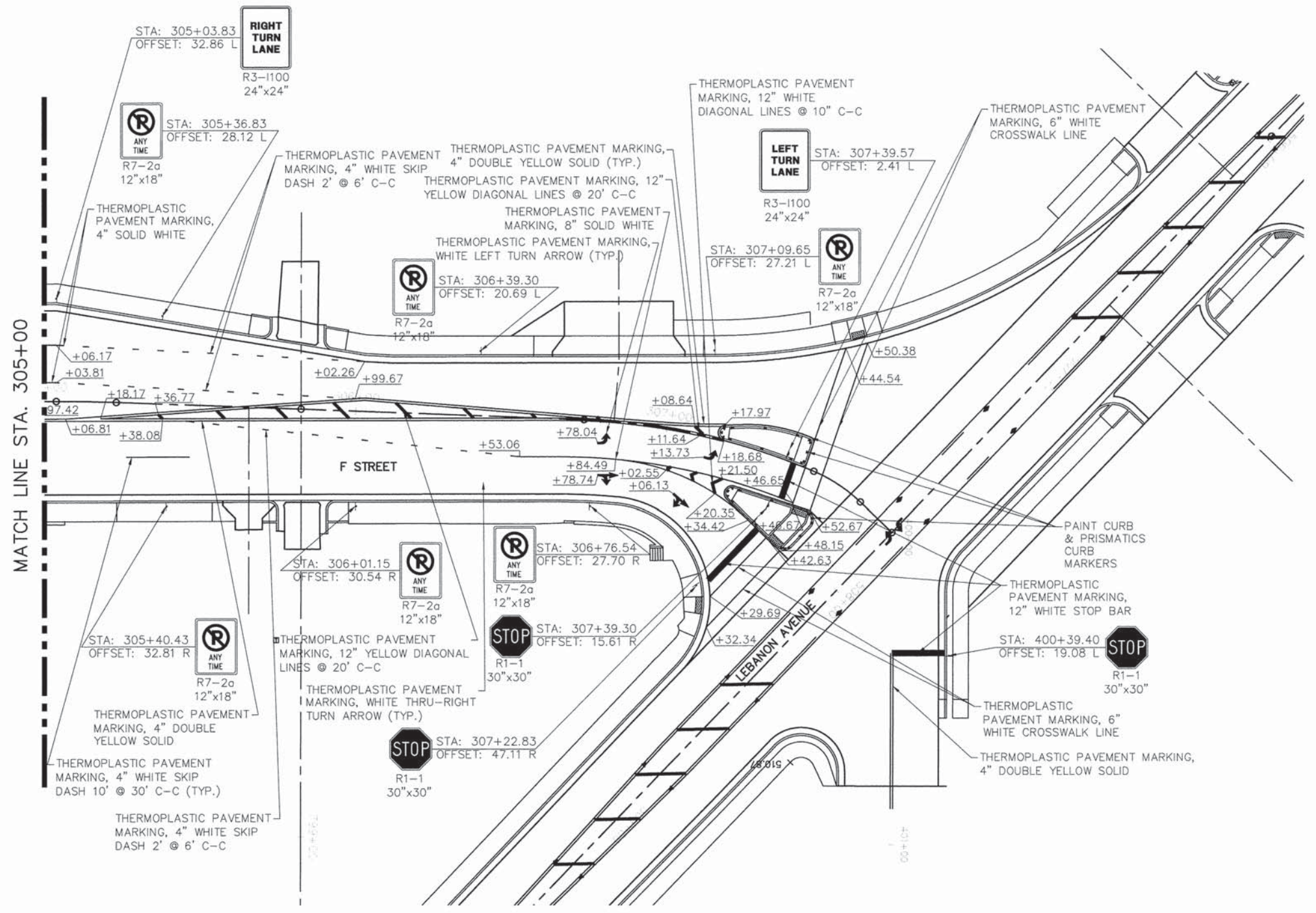
PROFILE	SURVEYED	DATE
	GRADES	BY
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	NO. OF	
	NOTATIONS	
	CHORD	



05119 stripingR01.DWG	USER NAME = Cynthia J. Hermanns	DESIGNED - B.J.W.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIGNING PLANS F STREET	F.A.U. RTE. 600	SECTION 05-00206-00-WR	COUNTY ST. CLAIR	TOTAL SHEETS 157	SHEET NO. 82
	PLOT SCALE =	CHECKED - E.R.O.	REVISED -			SCALE:	SHEET NO. 82 OF 157 SHEETS	STA. 300+22.55 TO STA. 305+00	CONTRACT NO. 97442	
PLOT DATE = 2/17/2015	DATE - DATE	REVISED -	REVISED -							

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

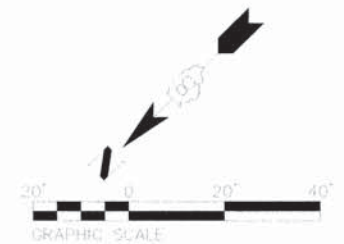
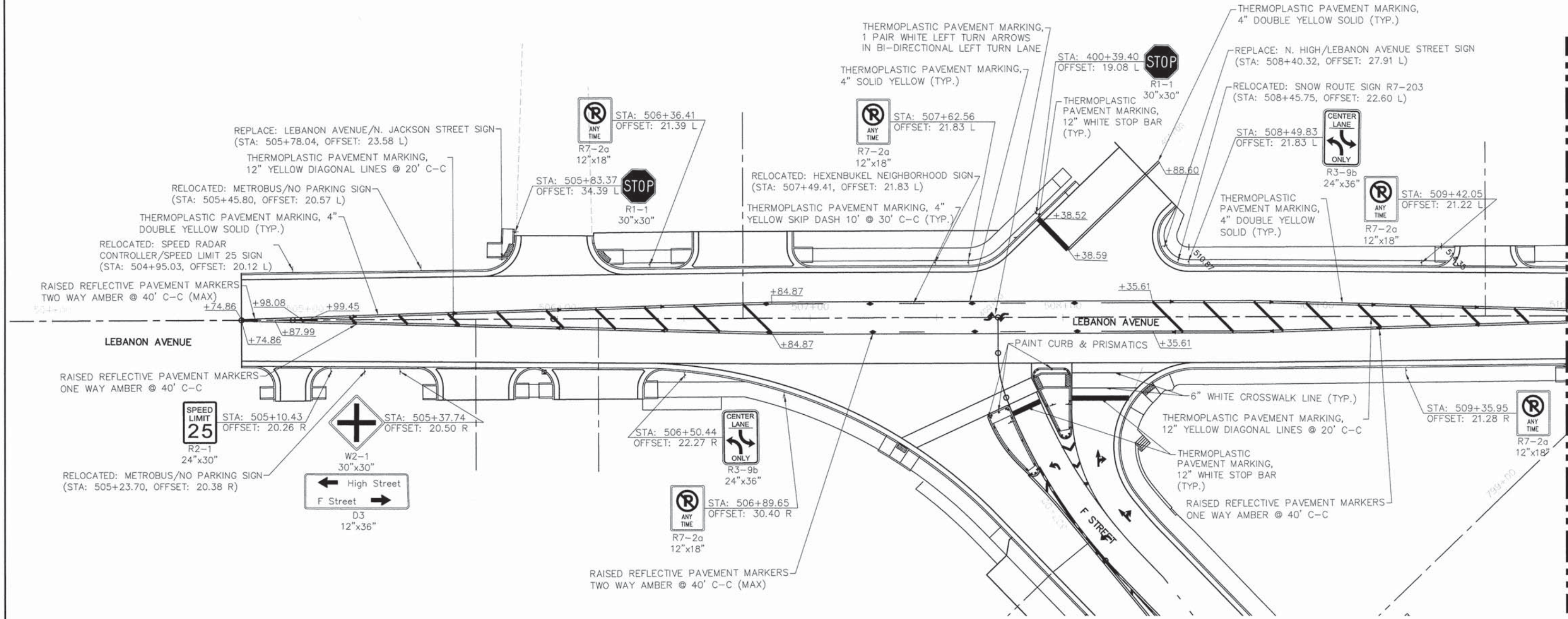
PROFILE	REVISIONS	DATE
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NO.	BY	
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NO.	BY	
NO.	BY	



05119 stripingR01.DWG	USER NAME = Cynthia J. Hermanns	DESIGNED - B.J.W.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIGNING PLANS F STREET	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE =	CHECKED - E.R.O.	REVISED -			600	05-00206-00-WR	ST. CLAIR	157	83	
	PLOT DATE = 2/17/2015	DATE - DATE	REVISED -			CONTRACT NO. 97442					
						SCALE:	SHEET NO. 83 OF 157 SHEETS	STA. 305+00	TO STA. 307+80.15	ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
NOTE BOOK	ALIGNED	BY
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	BY	
	FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES	BY
NO.	NOTED	
	BY	
	NOTATIONS	

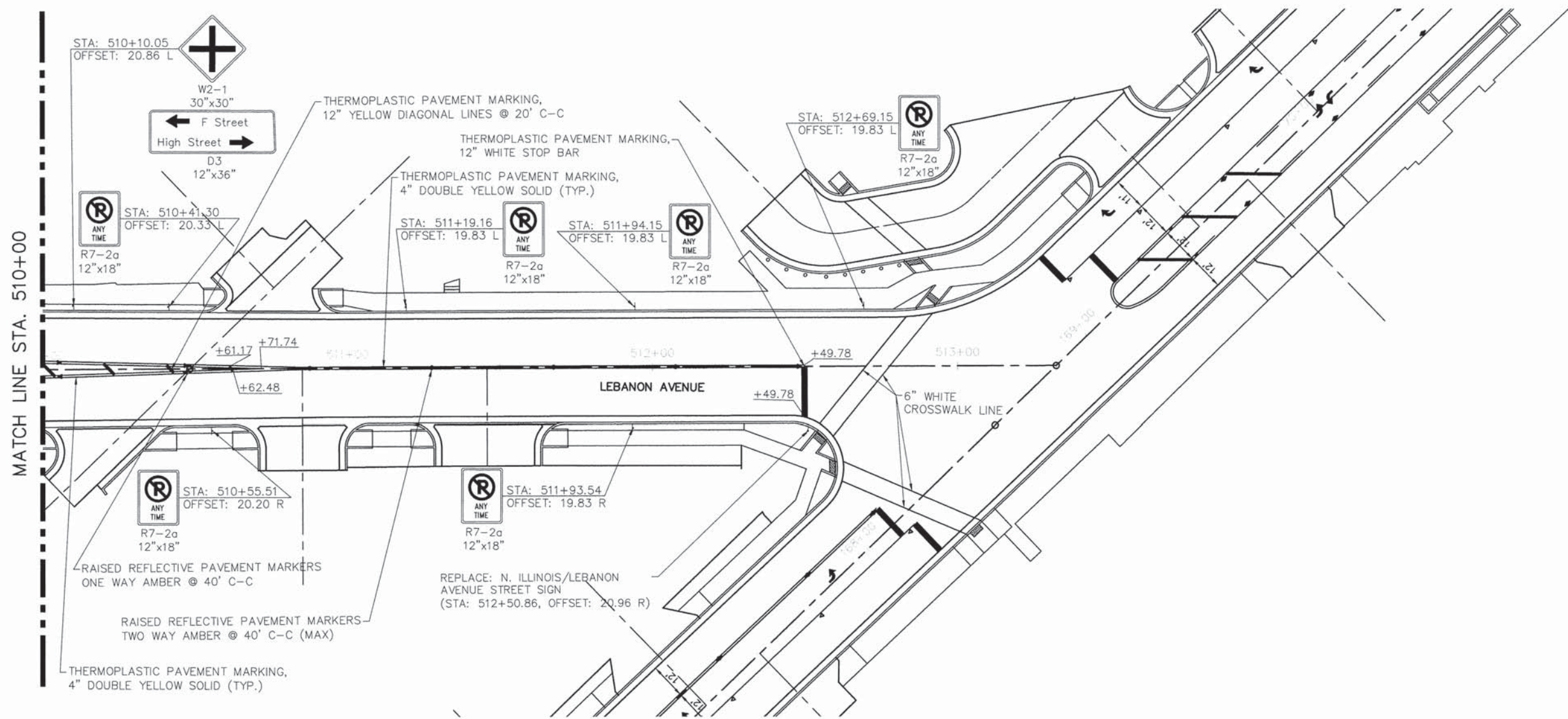


05119 stripingR01.DWG	USER NAME = Cynthia J. Hermanns	DESIGNED - B.J.W.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIGNING PLANS LEBANON AVENUE	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1" = .08'	CHECKED - E.R.O.	REVISED -			600	05-00206-00-WR	ST. CLAIR	157	84
PLOT DATE = 2/17/2015	DATE - DATE	REVISED -		SCALE: SHEET NO. 84 OF 157 SHEETS STA. 504+74.86 TO STA. 510+00		CONTRACT NO. 97442 ILLINOIS FED. AID PROJECT				

MATCH LINE STA. 510+00

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

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



05119 stripingR01.DWG

USER NAME = Cynthia J. Hermanns	DESIGNED -- B.J.W.	REVISED --
	DRAWN -- S.J.	REVISED --
PLOT SCALE =	CHECKED -- E.R.O.	REVISED --
PLOT DATE = 2/17/2015	DATE -- DATE	REVISED --

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLANS
LEBANON AVENUE**

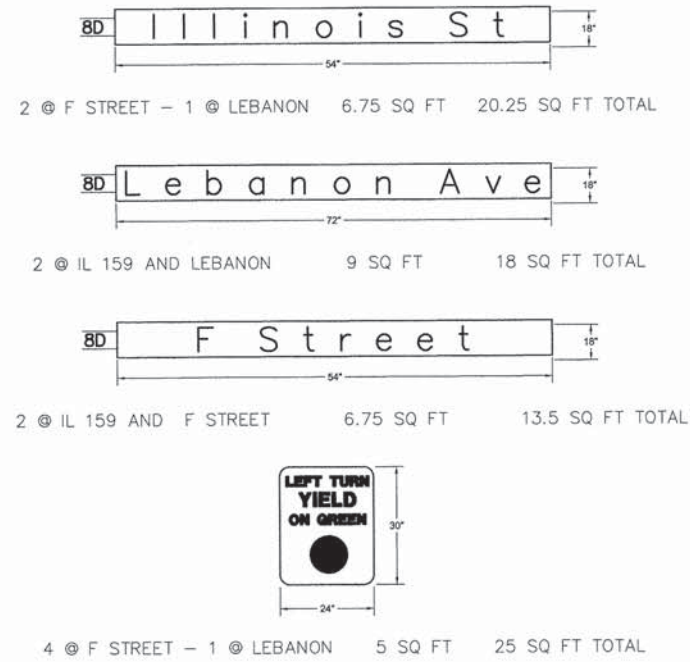
SCALE: SHEET NO. 85 OF 157 SHEETS STA. 510+00 TO STA. 513+32.32

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	05-00206-00-WR	ST. CLAIR	157	85
CONTRACT NO. 97442				
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL GENERAL NOTES

- ALL VEHICLE AND PEDESTRIAN SIGNAL HEADS SHALL HAVE 12" SECTIONS. MOUNTING HARDWARE SHALL BE UNPAINTED ALUMINUM. ALL BOLTS, SCREWS, NUTS AND WASHERS SHALL BE STAINLESS STEEL. ANTI-SEIZE PASTE COMPOUND SHALL BE USED ON ALL MOUNTING HARDWARE FIELD CONNECTIONS.
- BACKPLATES SHALL BE ABS PLASTIC.
- THE LOCATION OF MAST ARM SUPPORTS SHALL BE APPROVED BY THE ENGINEER BEFORE FOUNDATIONS ARE CONSTRUCTED. MAST ARM POLES SHALL BE LOCATED A MINIMUM OF 10 FEET FROM THE EDGE OF PAVEMENT OR 2 FEET FROM THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER. IN CURBED SECTIONS, THE MAST ARM POLES SHALL BE LOCATED A MINIMUM OF 5 FEET FROM THE FACE OF THE CURB. THESE DISTANCES ARE TO THE NEAR FACE OF THE MAST ARM POLE.
- ALL TRAFFIC SIGNAL CABLES SHALL BE #14 AWG STRANDED COPPER UNLESS OTHERWISE SPECIFIED.
- THE LOCATION OF ALL DETECTOR LOOPS SHALL BE APPROVED BY THE ENGINEER BEFORE ANY SLOTS ARE SAWED IN THE PAVEMENT.
- DETECTOR LOOP LEAD-IN SPLICES SHALL BE MADE IN A HANDHOLE PER SECTION 873 OF THE STANDARD SPECIFICATIONS. CONDUCTORS SHALL BE SPLICED IN A RIGID MOLD FILLED WITH NON-HARDENING EPOXY FILLER. ROSIN-CORE SOLDER SHALL BE USED.
- HANDHOLES SHALL BE CAST-IN PLACE PORTLAND CEMENT CONCRETE ACCORDING TO ARTICLE 814.03(B) OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". HANDHOLE COVERS SHALL BE SLOPED TO MATCH PROPOSED CONTOURS.
- DETECTOR LOOPS SHALL BE SAWED INTO THE PAVEMENT AFTER MILLING AND PRIOR TO INSTALLING THE FINAL HMA SURFACE.
- CALL DELAY SHALL NOT FUNCTION WHEN THE RELATED PHASES ARE IN THE GREEN MODE. "CALL CARRY-OVER" SHALL FUNCTION ONLY WHEN THE RELATED PHASES ARE IN THE GREEN MODE.
- INDUCTIVE LOOP DETECTORS SUPPLIED FOR THIS PROJECT SHALL BE RACKED MOUNTED AND SHALL HAVE THE CAPACITY OF OPERATING WITH BOTH DELAY AND EXTENSION MODES ACTIVE IF A TIME SETTING IS PROGRAMMED.

TRAFFIC SIGNAL SIGNS



Traffic Signal Schedule of Quantities		ILLINOIS 159 AND F STREET	ILLINOIS 159 AND LEBANON AVENUE	ILLINOIS 159 AND C STREET	TOTAL
ITEM	UNIT	QUANTITY	QUANTITY	QUANTITY	QUANTITY
SIGN PANEL, TYPE 1	SQ FT	47	29.75		76.75
SERVICE INSTALLATION, TYPE A	EACH	1	1		2
UNDERGROUND CONDUIT, PVC 1" DIA.	FOOT	64	18	89	171
UNDERGROUND CONDUIT, PVC 2" DIA.	FOOT	613	734	521	1868
UNDERGROUND CONDUIT, PVC 2 1/2" DIA.	FOOT	12			12
UNDERGROUND CONDUIT, PVC 3" DIA.	FOOT	35	67		102
UNDERGROUND CONDUIT, PVC 4" DIA.	FOOT	336	204		540
HANDHOLE	EACH	6	5		11
DOUBLE HANDHOLE	EACH	1	1		2
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1	1		2
TRANSCEIVER	EACH	1	1		2
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	879	595	562	2036
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	919	594	417	1930
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1351	1056	381	2788
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1844	779	214	2837
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1395	866	672	2933
ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	483	858	602	1943
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	58	31		89
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	451	427		878
TRAFFIC SIGNAL POST, ALUMINUM 10 FT.	EACH		2		2
TRAFFIC SIGNAL POST, ALUMINUM 14 FT.	EACH		1		1
TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	1	1	2	4
STEEL MAST ARM ASSEMBLY AND POLE, 24 FT.	EACH		1		1
STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	2			2
STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	1			1
STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1			1
*STEEL MAST ARM ASSEMBLY AND POLE, WITH DUAL MAST ARMS 30 FT. (SPECIAL)	EACH		1		1
CONCRETE FOUNDATION, TYPE A	FOOT	3	12	3	18
CONCRETE FOUNDATION, TYPE D	FOOT	3	3		6
CONCRETE FOUNDATION, TYPE E, 30-INCH DIAMETER	FOOT		23.5		23.5
CONCRETE FOUNDATION, TYPE E, 36-INCH DIAMETER	FOOT	52			52
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH		1		1
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4	4		8
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1			1
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	6	2		8
SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1	1		2
SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH		1		1
SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH		1		1
SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 1-3 SECTION, 2-5 SECTION, BRACKET MOUNTED	EACH	2			2
SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 2-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1			1
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2	2		4
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2	1	3	6
TRAFFIC SIGNAL BACKPLATE	EACH	10	6		16
INDUCTIVE LOOP DETECTOR	EACH	9	4		13
DETECTOR LOOP, TYPE 1	FOOT	1389	414	791	2594
*PEDESTRIAN PUSH-BUTTON	EACH	6	4	6	16
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH		1		1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1	1	1	3
REMOVE EXISTING HANDHOLE	EACH	4	4		8
REMOVE EXISTING CONCRETE FOUNDATION	EACH	7	5	1	13
EMERGENCY VEHICLE PRIORITY SYSTEM	EACH	1	1		2
*RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1	1	1	3
REBUILD EXISTING SIGNAL HEAD	EACH			2	2
MODIFY EXISTING CONTROLLER	EACH			1	1
*NOTES SPECIAL PROVISION					

TRAFFIC SIGNALS LEGEND

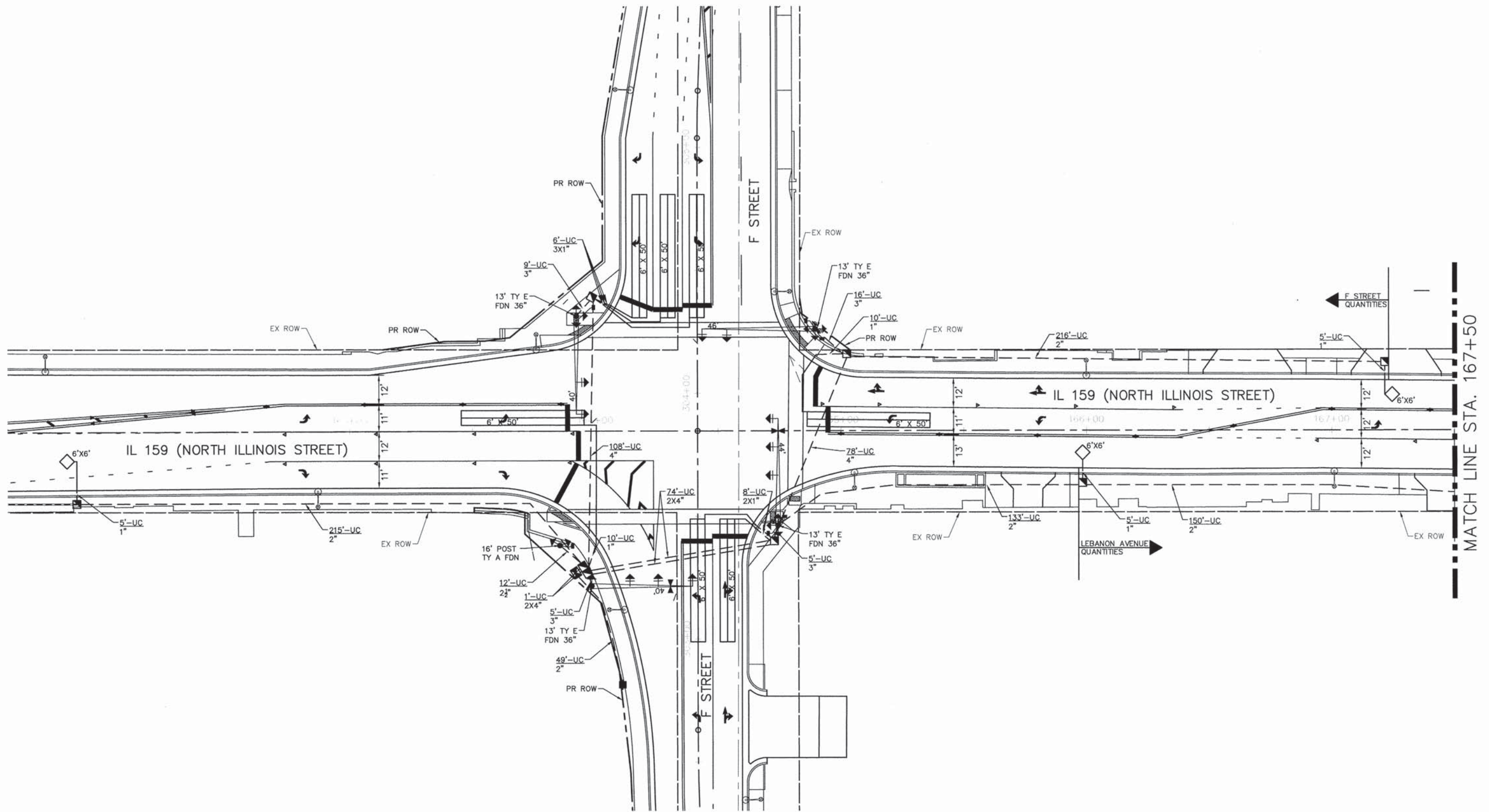
EXISTING	PROPOSED	DESCRIPTION
		SIGNAL HEAD
		SIGNAL HEAD WITH BACKPLATE
		PEDESTRIAN SIGNAL HEAD
		PEDESTRIAN PUSH BUTTON DETECTOR
		HANDHOLE
		DOUBLE HANDHOLE
		CONTROLLER
		SERVICE INSTALLATION
		DETECTOR LOOP
		SIGNAL HEAD, PEDESTRIAN
		UNDERGROUND CONDUIT (IN TRENCH OR AUGERED)
		CABLE SPLICE (SEE GENERAL NOTES)
		INDICATES NUMBER OF CONDUCTORS IN CABLE
		CALL DELAY (SEE GENERAL NOTES)
		CALL CARRY OVER (SEE GENERAL NOTES)
		LOOP DETECTOR NUMBER
		PVC CONDUIT
		SIGNAL POST
		SIGNAL POST WITH BACKPLATE
		TRAFFIC SIGNAL MAST ARM
		STREET NAME SIGN/TRAFFIC SIGN

TRAFFIC SIGNAL STANDARDS

720016	877001
805001	877006
814001	878001
814006	880001
830000	880006
857001	886001
873001	886006

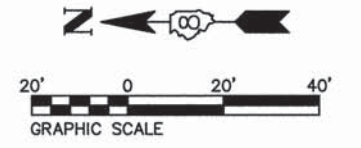
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	ALIGNED	BY
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	CHECKED	
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	NO.	

PROFILE	SURVEYED	DATE
	ALIGNED	BY
	NOTED	
	CHECKED	
	BY	
	NO.	



REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT CONSISTS OF:

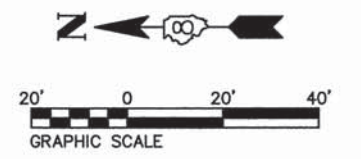
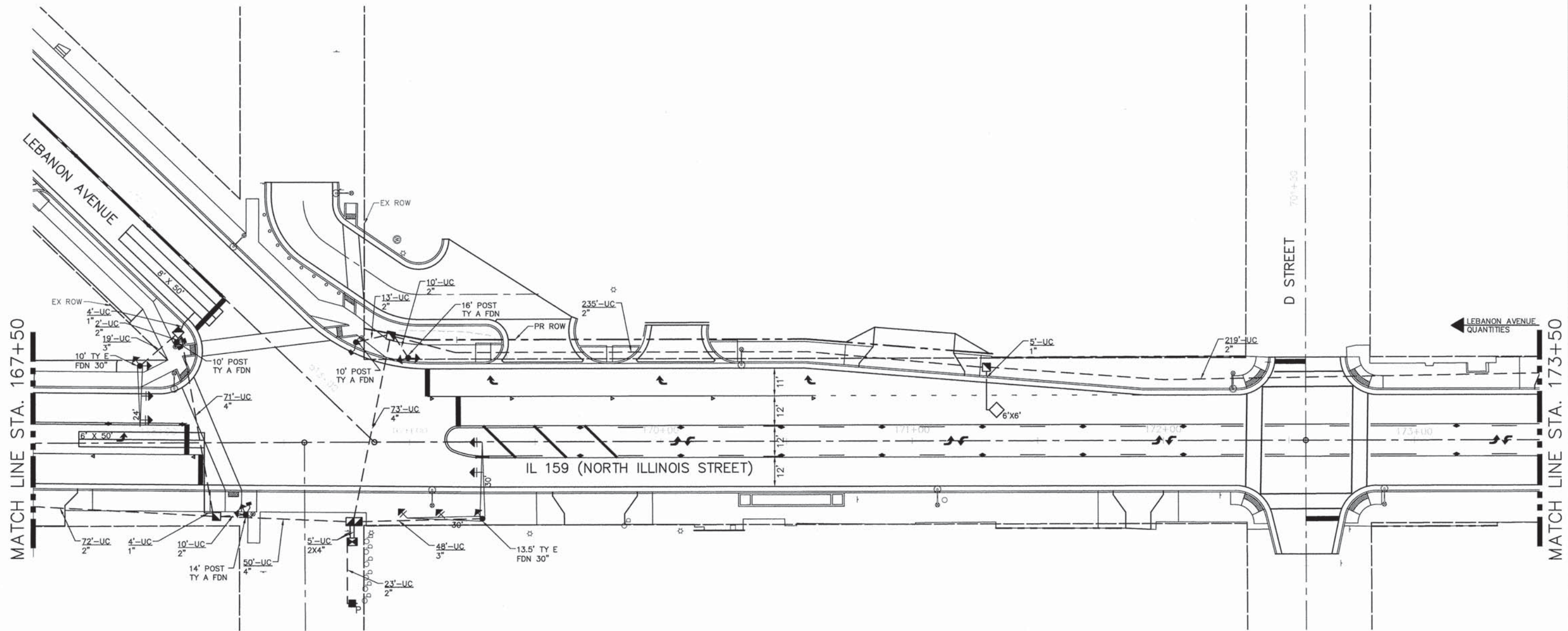
- 5 EACH TRAFFIC SIGNAL POST
- 2 EACH MAST ARM ASSEMBLY AND POLE
- 10 EACH SIGNAL HEAD ASSEMBLY
- 1 L SUM EMERGENCY VEHICLE PRIORITY SYSTEM
- 1 EACH CONTROLLER AND CABINET



05119-sht-Traffic Signal Plans.dwg	USER NAME = Cynthia J. Hermanns	DESIGNED - B.J.W.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TRAFFIC SIGNAL PLANS INTERSECTION OF ILLINOIS ROUTE 159 AND F STREET	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1" = .0833'	DRAWN - S.J.	REVISED -			600	05-00206-00-WR	ST. CLAIR	157	87
PLOT DATE = 2/17/2015	CHECKED - E.R.O.	DATE - DATE	REVISED -	SCALE: SHEET NO. 87 OF 157 SHEETS STA. TO STA.		CONTRACT NO. 97442				
						ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	NOTE BOOK	
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	NO. OF WAY CHECKED	
	FILE NAME	

PROFILE	SURVEYED	DATE
	NOTE BOOK	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	FILE NAME	



05119-sht-Traffic Signal Plans.dwg	USER NAME = Cynthia J. Hermanns	DESIGNED - B.J.W.	REVISED -
	PLOT SCALE = 1" = .0833'	DRAWN - S.J.	REVISED -
	PLOT DATE = 2/18/2015	CHECKED - E.R.O.	REVISED -
		DATE - DATE	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

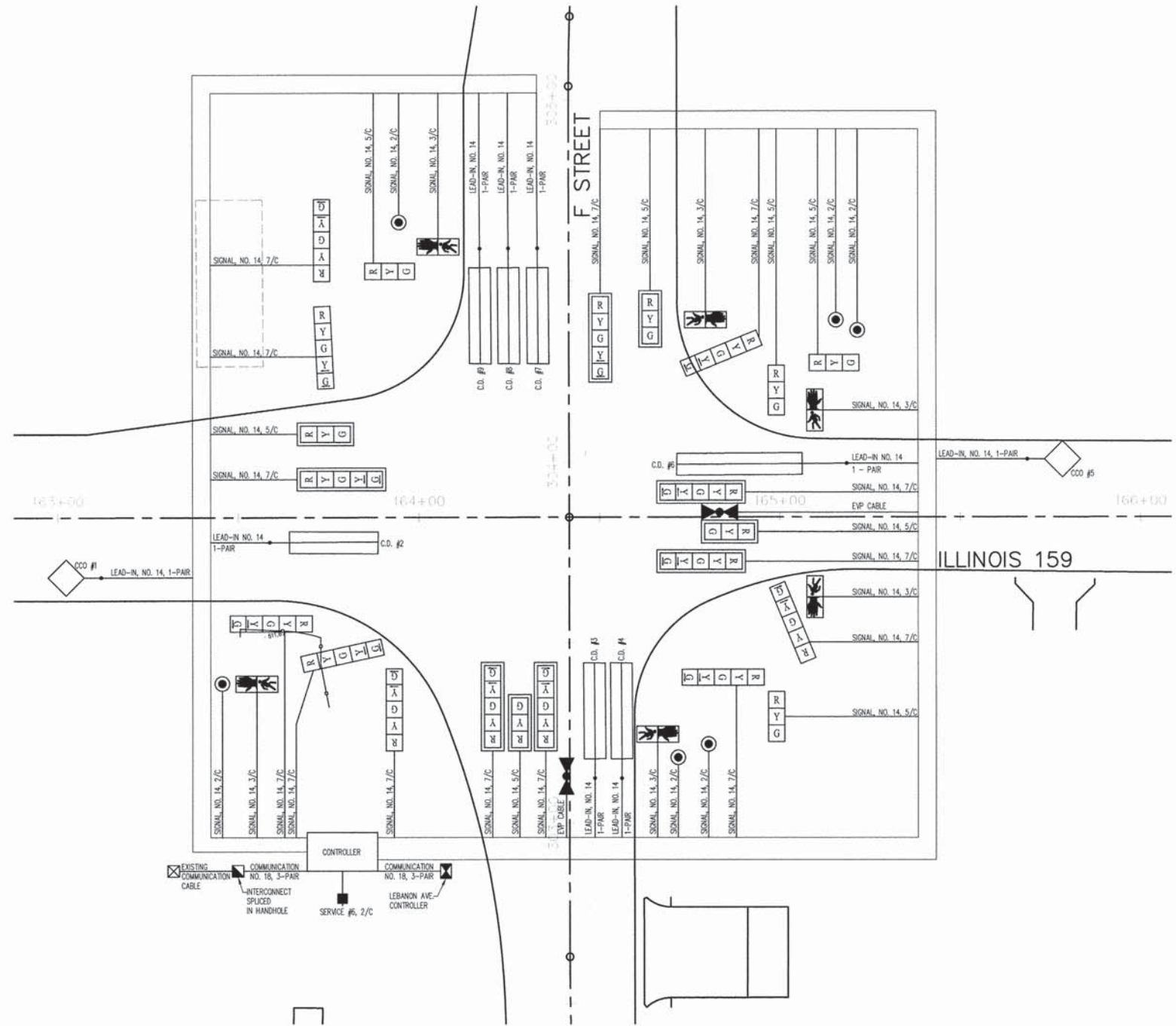
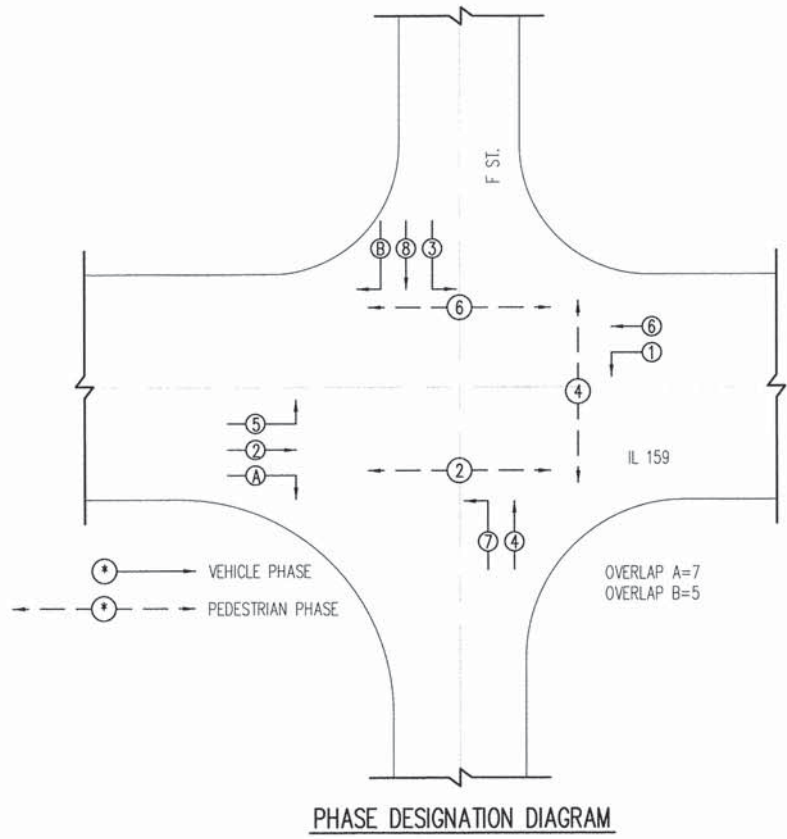
**PROPOSED TRAFFIC SIGNAL PLANS
INTERSECTION OF LEBANON AVE. AND IL RTE 159**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	05-00206-00-WR	ST. CLAIR	157	88
CONTRACT NO. 97442				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET NO. 88 OF 157 SHEETS STA. TO STA.

PLAN	BY	DATE
SURVEYED		
ALIGNED		
CHECKED		
NOTE BOOK		
NO.		

PROFILE	BY	DATE
SURVEYED		
GRADES		
CHECKED		
NOTE BOOK		
NO.		



EXISTING	PROPOSED	DESCRIPTION
		SIGNAL HEAD
		SIGNAL HEAD WITH BACKPLATE
		PEDESTRIAN SIGNAL HEAD COUNTDOWN
		PEDESTRIAN PUSH BUTTON
		HANDHOLE
		CONTROLLER
		SERVICE POLE (SEE HIGHWAY STANDARD 805001)
		ELECTRIC CABLE IN CONDUIT
		CABLE SPLICE (SEE GENERAL NOTES)
		INDICATES NUMBER OF CONDUCTORS IN CABLE
		CALL DELAY (SEE GENERAL NOTES)
		CALL CARRY OVER (SEE GENERAL NOTES)
		LOOP DETECTOR NUMBER

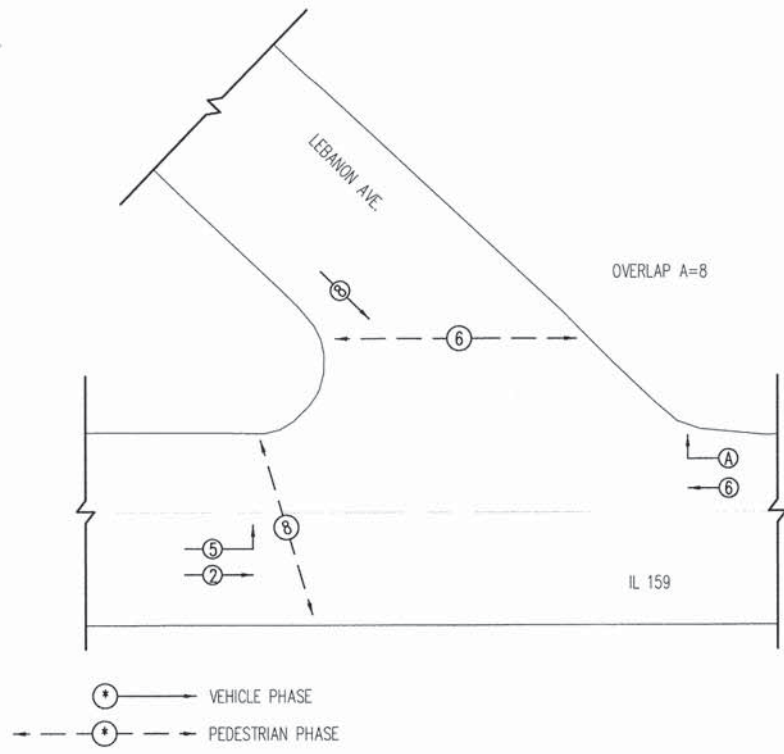
LOOP NAME	PHASE	# OF TURNS	INDUCT. @ SPLICE	OHMS @ SPLICE	INDUCT. @ CONTR.	OHMS @ CONTR.
SBT CCO	2	5	205	0.42	258	1.62
SBTL CD	5	3-6-3	798	1.34	800	1.39
EBLT CD	7	3-6-3	793	1.23	814	1.72
EBT CD	4	3-6-3	790	1.15	811	1.64
NBT CCO	6	5	203	0.37	292	2.39
NBLT CD	1	3-6-3	793	1.24	834	2.16
WBLT CD	3	3-6-3	796	1.30	825	1.96
WBT CD	8	3-6-3	793	1.23	822	1.89
WBRT CD	8	3-6-3	789	1.15	818	1.81

THE ABOVE VALUES ARE CALCULATIONS OF COMBINED LOOP LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN 20% OF THESE VALUES.

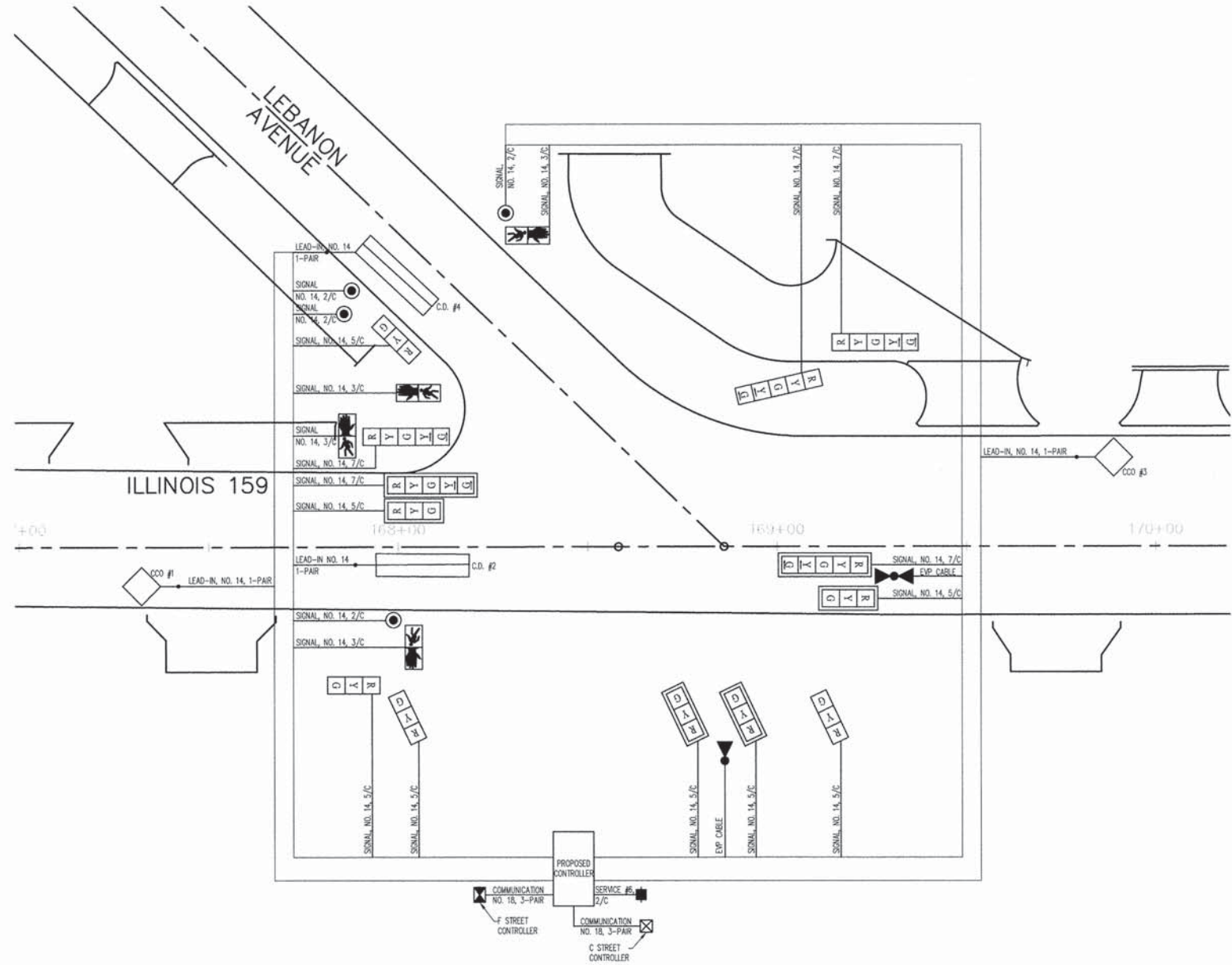


PLAN	SURVEYED	DATE
NOTE BOOK NO.	ALIGNED	BY
	NOT CHECKED	
	RT. OF WAY CHECKED	
	POD FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	BY
	S.M. NOTED	
	STRUCTURE NOTATIONS CRPD	



PHASE DESIGNATION DIAGRAM



EXISTING	PROPOSED	DESCRIPTION
[Symbol]	[Symbol]	SIGNAL HEAD
[Symbol]	[Symbol]	SIGNAL HEAD WITH BACKPLATE
[Symbol]	[Symbol]	PEDESTRIAN SIGNAL HEAD COUNTDOWN
[Symbol]	[Symbol]	PEDESTRIAN PUSH BUTTON
[Symbol]	[Symbol]	HANDHOLE
[Symbol]	[Symbol]	CONTROLLER
[Symbol]	[Symbol]	SERVICE POLE (SEE HIGHWAY STANDARD 805001)
[Symbol]	[Symbol]	ELECTRIC CABLE IN CONDUIT
[Symbol]	[Symbol]	CABLE SPLICE (SEE GENERAL NOTES)
5/C	5/C	INDICATES NUMBER OF CONDUCTORS IN CABLE
C.D.	C.D.	CALL DELAY (SEE GENERAL NOTES)
C.C.O.	C.C.O.	CALL CARRY OVER (SEE GENERAL NOTES)
*6	*6	LOOP DETECTOR NUMBER

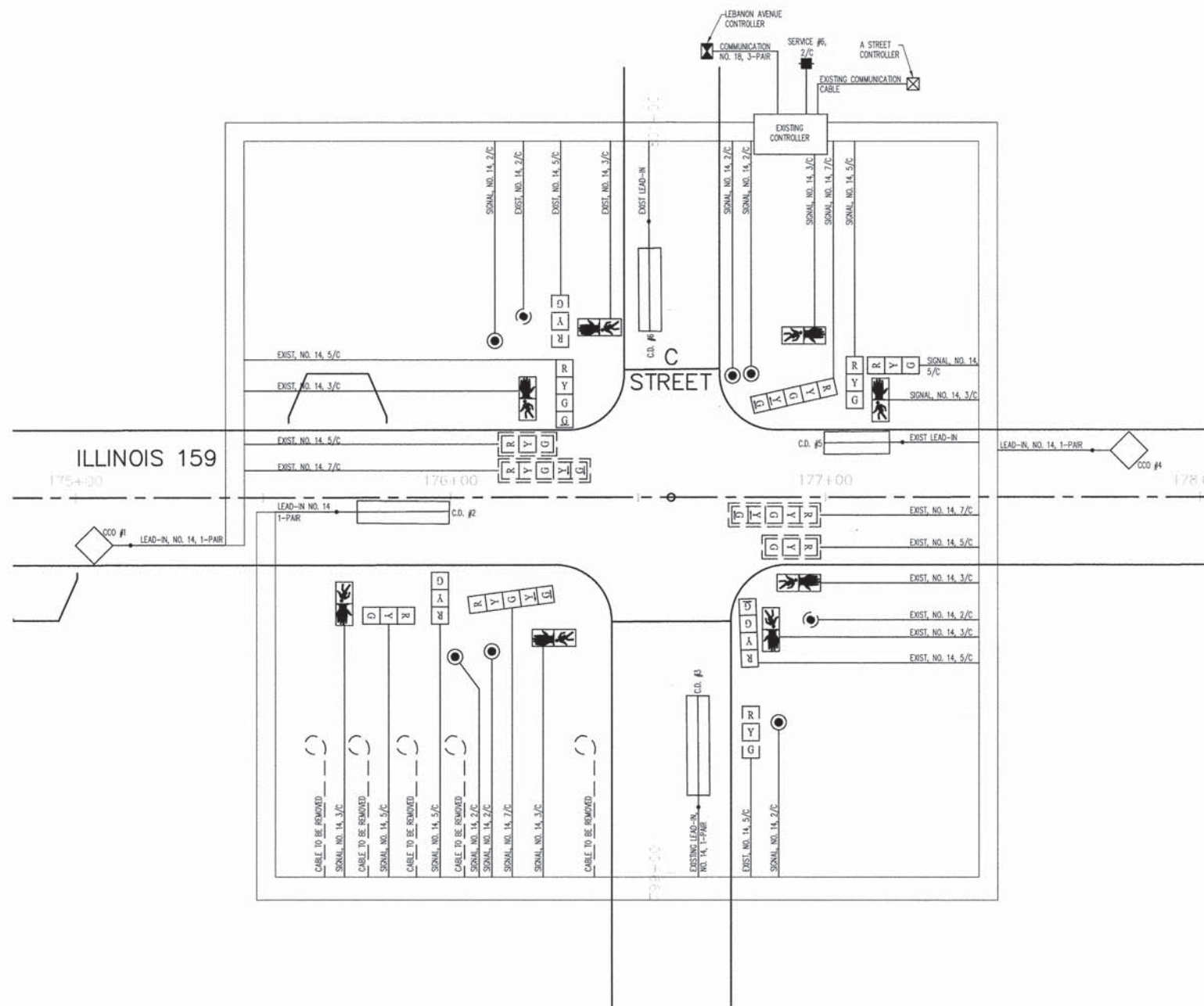
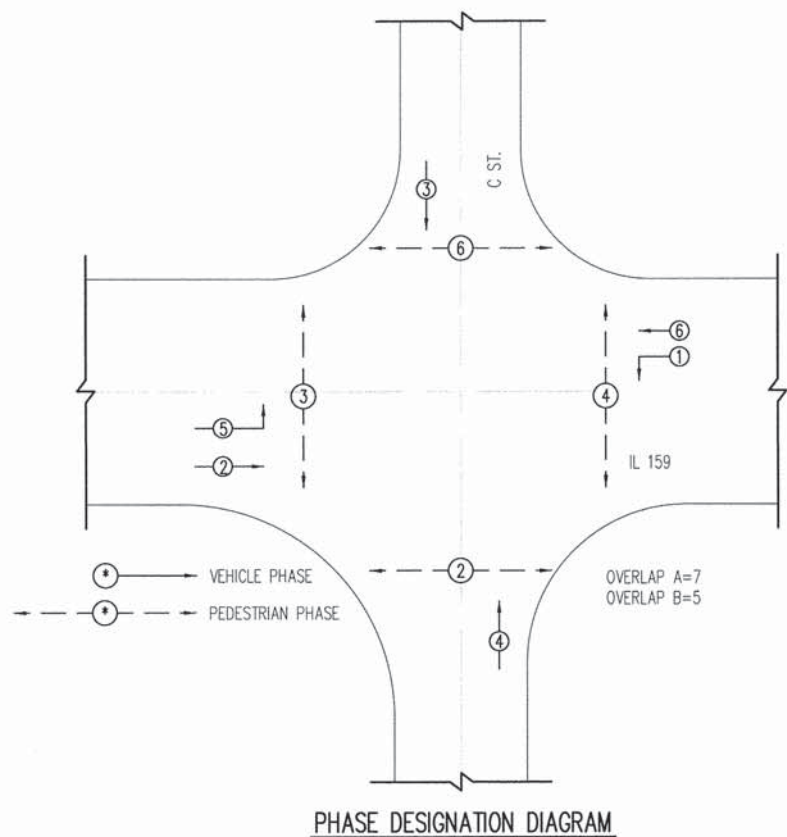
LOOP NAME	PHASE	# OF TURNS	INDUCT. @ SPLICE	OHMS @ SPLICE	INDUCT. @ CONTR.	OHMS @ CONTR.
SBT CCO	2	5	202	0.35	270	1.88
SBLT CD	5	3-6-3	791	1.18	810	1.62
NBT CCO	6	5	204	0.39	279	2.10
WBT CD	8	3-6-3	800	1.13	836	1.95

THE ABOVE VALUES ARE CALCULATIONS OF COMBINED LOOP LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN 20% OF THESE VALUES.



PLAN	SURVEYED	BY	DATE
NOTE BOOK	ALIGNED		
NO.	CHKD		
	PT. OF WAY		
	CHECKED		
	NO.		
	FILE NAME		

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



EXISTING		PROPOSED		DESCRIPTION
[Symbol]	[Symbol]	[Symbol]	[Symbol]	SIGNAL HEAD
[Symbol]	[Symbol]	[Symbol]	[Symbol]	SIGNAL HEAD WITH BACKPLATE
[Symbol]	[Symbol]	[Symbol]	[Symbol]	PEDESTRIAN SIGNAL HEAD COUNTDOWN
[Symbol]	[Symbol]	[Symbol]	[Symbol]	PEDESTRIAN PUSH BUTTON
[Symbol]	[Symbol]	[Symbol]	[Symbol]	HANDHOLE
[Symbol]	[Symbol]	[Symbol]	[Symbol]	CONTROLLER
[Symbol]	[Symbol]	[Symbol]	[Symbol]	SERVICE POLE (SEE HIGHWAY STANDARD 805001)
[Symbol]	[Symbol]	[Symbol]	[Symbol]	ELECTRIC CABLE IN CONDUIT
[Symbol]	[Symbol]	[Symbol]	[Symbol]	CABLE SPLICE (SEE GENERAL NOTES)
5/C	5/C	---	---	INDICATES NUMBER OF CONDUCTORS IN CABLE
C.D.	C.D.	---	---	CALL DELAY (SEE GENERAL NOTES)
C.C.O.	C.C.O.	---	---	CALL CARRY OVER (SEE GENERAL NOTES)
*6	*6	---	---	LOOP DETECTOR NUMBER

LOOP NAME	PHASE	# OF TURNS	INDUCT. @ SPLICE	OHMS @ SPLICE	INDUCT. @ CONTR.	OHMS @ CONTR.
SBT CCD	2	5	207	0.47	273	1.97
SBLT CD	5	3-6-3	794	1.25	823	1.91
EBT CD	4	3-6-3	789	1.15	807	1.55
NBT CCD	6	5	203	0.36	256	1.58
NBLT CD	1	3-6-3	795	1.27	799	1.37
WBT CD	3	3-6-3	789	1.13	803	1.46

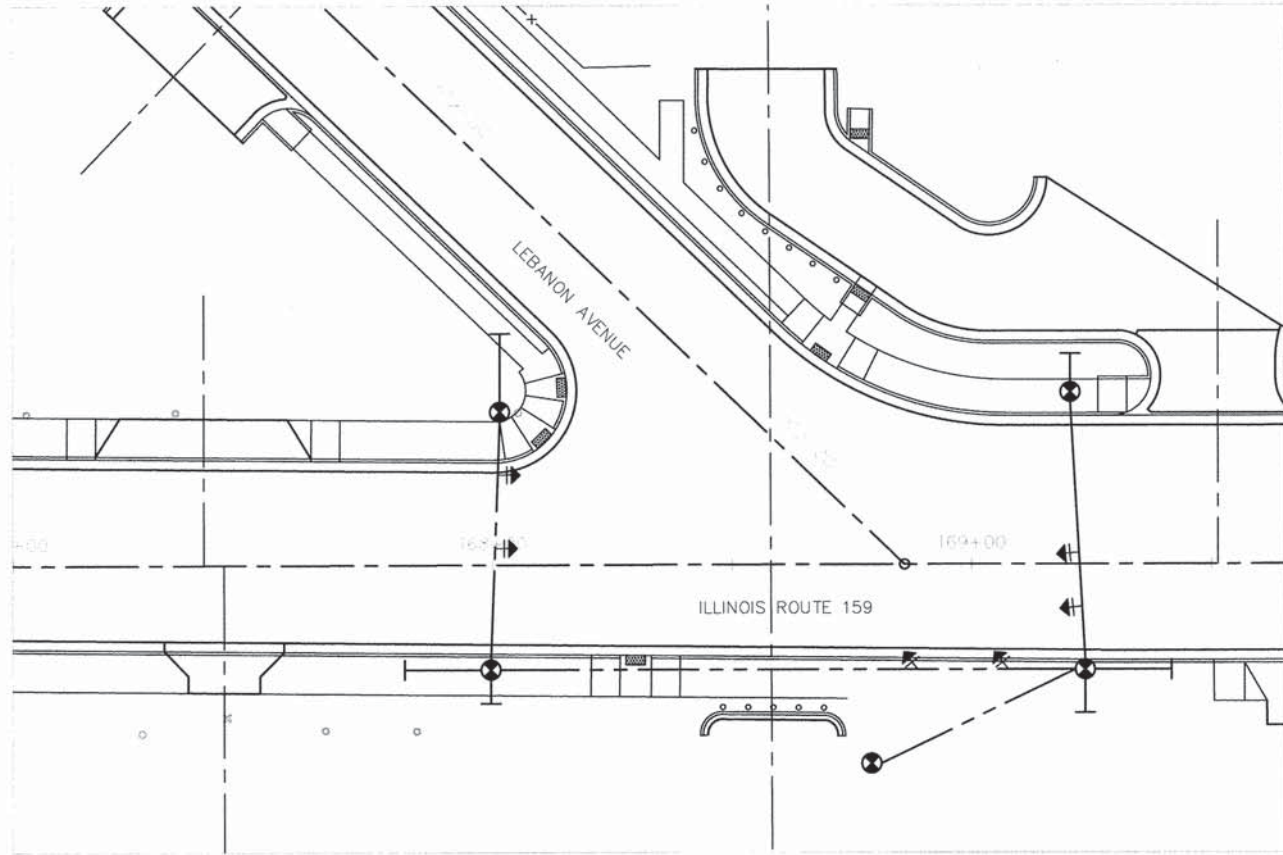
THE ABOVE VALUES ARE CALCULATIONS OF COMBINED LOOP LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN 20% OF THESE VALUES.



PLAN	SURVEYED	BY	DATE
	ALIGNED		
	NOTED		
	CHECKED		
	FILED		
	NO.		

PROFILE	SURVEYED	BY	DATE
	ALIGNED		
	NOTED		
	CHECKED		
	FILED		
	NO.		

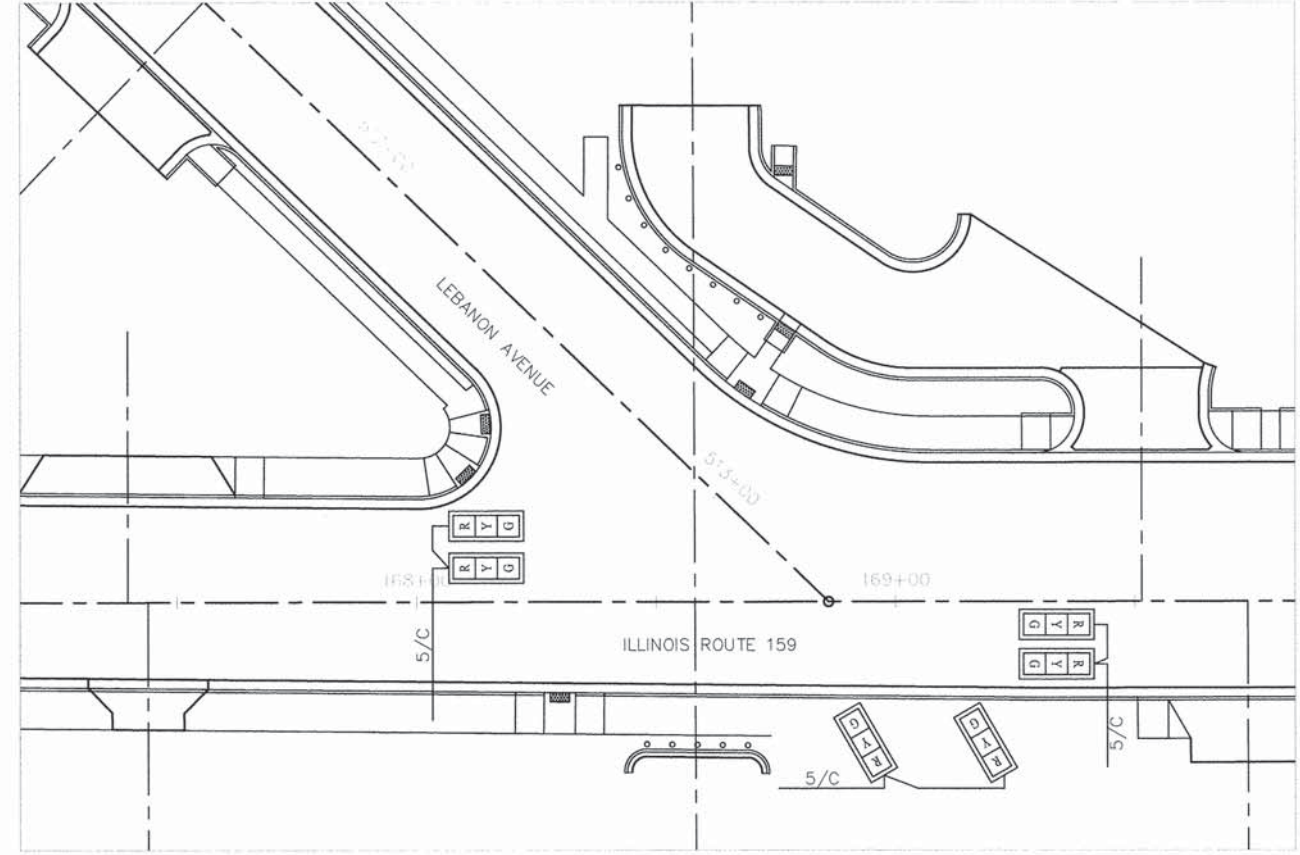
TEMPORARY TRAFFIC SIGNAL PLAN



TEMPORARY SIGNAL NOTES:

1. CABLES TO ENTER EXISTING CONTROLLER FROM EXISTING DOUBLE HANDHOLE.
2. ADJUSTMENTS TO SIGNAL HEAD LOCATIONS DURING CONSTRUCTION AS DEEMED NECESSARY BY THE ENGINEER SHALL BE INCLUDED IN THE TEMPORARY TRAFFIC SIGNAL INSTALLATION PRICE.

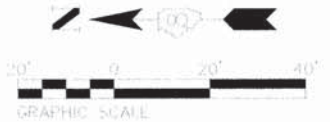
TEMPORARY SIGNAL CABLE PLAN



REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT CONSISTS OF:

- 2 EACH TRAFFIC SIGNAL POST
- 2 EACH MAST ARM ASSEMBLY AND POLE
- 8 EACH SIGNAL HEAD ASSEMBLY
- 1 L SUM EMERGENCY VEHICLE PRIORITY SYSTEM
- 1 EACH CONTROLLER AND CABINET

REMOVED ITEMS TO BE DISPOSED AS DIRECTED BY THE ENGINEER.



05119-sht-Temporary Traffic Signal	DESIGNED BY	B.J.W.	REVISIONS		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL PLANS INTERSECTION OF ILLINOIS ROUTE 159 AND LEB. AVE.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DESIGNED BY	Cynthia J. Hermanns	DRAWN	S.J.			600	05-00206-00-WR	ST. CLAIR	157	9.3	
	PLOT SCALE =	CHECKED	E.R.O.	REVISIONS			CONTRACT NO. 97442		ILLINOIS FED. AID PROJECT			
	PLOT DATE = 2/17/2015	DATE		REVISIONS		SCALE:	SHEET NO. 93 OF 157 SHEETS	STA.	TO STA.			

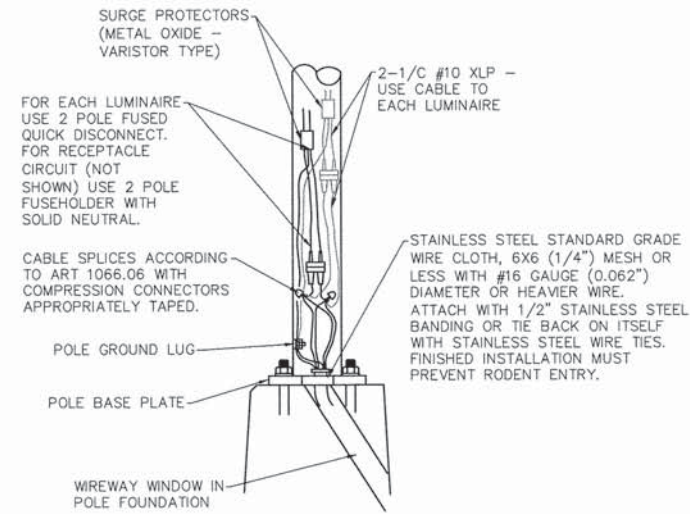
PLAN	NOTE BOOK NO.	SURVEYED	ALIGNMENT CHECKED	BY	DATE

PROFILE	NOTE BOOK NO.	SURVEYED	GRADES CHECKED	BY	DATE

ROADWAY LIGHTING SCHEDULE OF QUANTITIES			IL 159 - G STREET TO LEBANON AVENUE	IL 159 - LEBANON AVENUE AND F STREET	IL 159 - LEBANON AVENUE TO C STREET	IL 159 - C STREET TO A STREET	TOTAL
CODE NO.	ITEM	UNIT	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1	1	1	1	4
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	1466	1470	1276	1130	5342
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	95	452	83	62	692
81400100	HANDHOLE	EACH	2	3	1	1	7
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	816	816	544	476	2652
81702450	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	4163	4828	3465	3076	15532
82500330	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240 VOLT, 60 AMP	EACH	1	1	1	1	4
83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	60	60	40	35	195
X0326654	ORNAMENTAL LIGHT UNIT, COMPLETE	EACH	12	12	8	7	39
X8210677	LUMINAIRE, METAL HALIDE HORIZONTAL MOUNT 400 WATT, SPECIAL	EACH	4	7			12
X8212160	LUMINAIRE, METAL HALIDE, HORIZONTAL MOUNT, 250 WATT (SPECIAL)	EACH	8	4	8	7	27

DATE	
BY	
PLAN	
SURVEYED	
ALIGNED	
RT. OF WAY CHECKED	
NOTE BOOK	
NO.	

DATE	
BY	
PROFILE	
SURVEYED	
GRADES CHECKED	
S.M. NOTED	
STRUCTURE NOTATIONS CHFD	
NOTE BOOK	
NO.	



POLE HANDHOLE WIRING DETAIL

NO SCALE

GENERAL NOTES

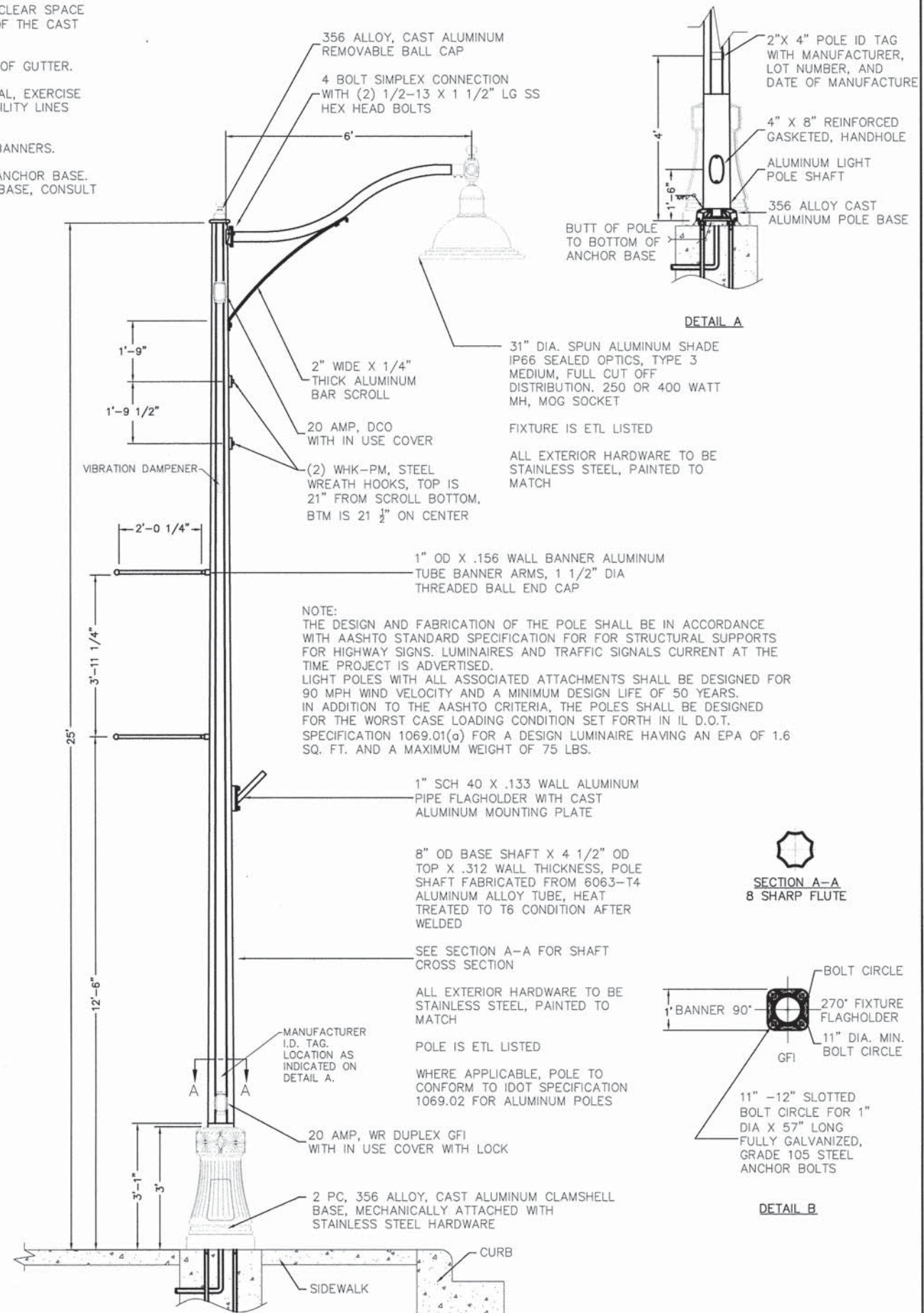
ALL CABLE SPLICES SHALL BE TAPED UNLESS ANOTHER METHOD HAS BEEN SPECIFICALLY APPROVED BY THE ENGINEER.

NOTES:

1. LIGHT POLE TO BE INSTALLED TO PROVIDE A MINIMUM CLEAR SPACE OF 48" FROM THE BACK OF CURB TO THE FRONT FACE OF THE CAST ALUMINUM CLAM SHELL BASE.
2. LIGHT FIXTURE SHALL NOT EXTEND BEYOND THE EDGE OF GUTTER.
3. DURING INSTALLATION OF ALL UNDERGROUND ELECTRICAL, EXERCISE EXTREME CAUTION DUE TO UNDERGROUND POWER AND UTILITY LINES THAT MAY BE EXISTING.
4. WREATH HOOKS CANNOT BE USED FOR CROSS-ROAD BANNERS.
5. FOR EXAMPLE PURPOSES, THE POLE IS SHOWN ON AN ANCHOR BASE. IF THE POLE IS REQUIRED TO BE SET ON A BREAKAWAY BASE, CONSULT THE STANDARD SPECIFICATIONS.

GENERAL LIGHTING NOTES

1. EXISTING LIGHT POLES, LUMINAIRES AND FOUNDATIONS TO BE REMOVED BY OTHERS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ELECTRICAL WORK WITH OTHER TRADES.
3. CONTRACTOR SHALL INSTALL LIGHT POLES AT THE LOCATIONS INDICATED ON THE PLANS, MAINTAINING ADEQUATE CLEARANCE FROM OVERHEAD UTILITY LINES. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY CLEARANCES PER NATIONAL ELECTRICAL SAFETY CODE AND/OR THE REQUIREMENTS OF THE UTILITY COMPANIES. THE LOCATION OF BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE AND ARE SHOWN FOR INFORMATION ONLY. REROUTING, DISCONNECTION, RELOCATION, PROTECTION ETC., OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
4. THE CONTRACTOR IS RESPONSIBLE FOR UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THIS WORK IS TO BE INCLUDED WITH THE APPLICABLE UNDERGROUND CONDUIT.
5. NO LIGHTING CIRCUIT OR PORTION THEREOF SHALL BE REMOVED FROM NIGHTTIME OPERATION WITHOUT APPROVAL OF THE ENGINEER.
6. BREAKAWAY DEVICES SHALL NOT BE INSTALLED.
7. LIGHT POLE FOUNDATIONS SHALL BE INSTALLED PLUMB AND FLUSH WITH THE PROPOSED GRADE AND SHALL MEET THE HEIGHT REQUIREMENTS OF ARTICLE 836.03 OF THE STANDARD SPECIFICATIONS. WASHERS USED TO INSTALL THE POLE SHALL BE LARGE ENOUGH TO FULLY COVER THE SLOTTED HOLES IN THE POLE BASE PLATE.
8. INSTALL HORIZONTAL MOUNT LUMINAIRES PERPENDICULAR TO THE CENTERLINE OF THE ROADWAY AS REQUIRED BY ARTICLE 821.04 OF THE STANDARD SPECIFICATIONS.



05119 Lighting Plan R03.dwg

USER NAME = Cynthia J. Hermanns	DESIGNED - B.J.W.	REVISED -
	DRAWN - S.J.	REVISED -
PLOT SCALE = 1" = .0833'	CHECKED - E.R.O.	REVISED -
PLOT DATE = 2/17/2015	DATE - DATE	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

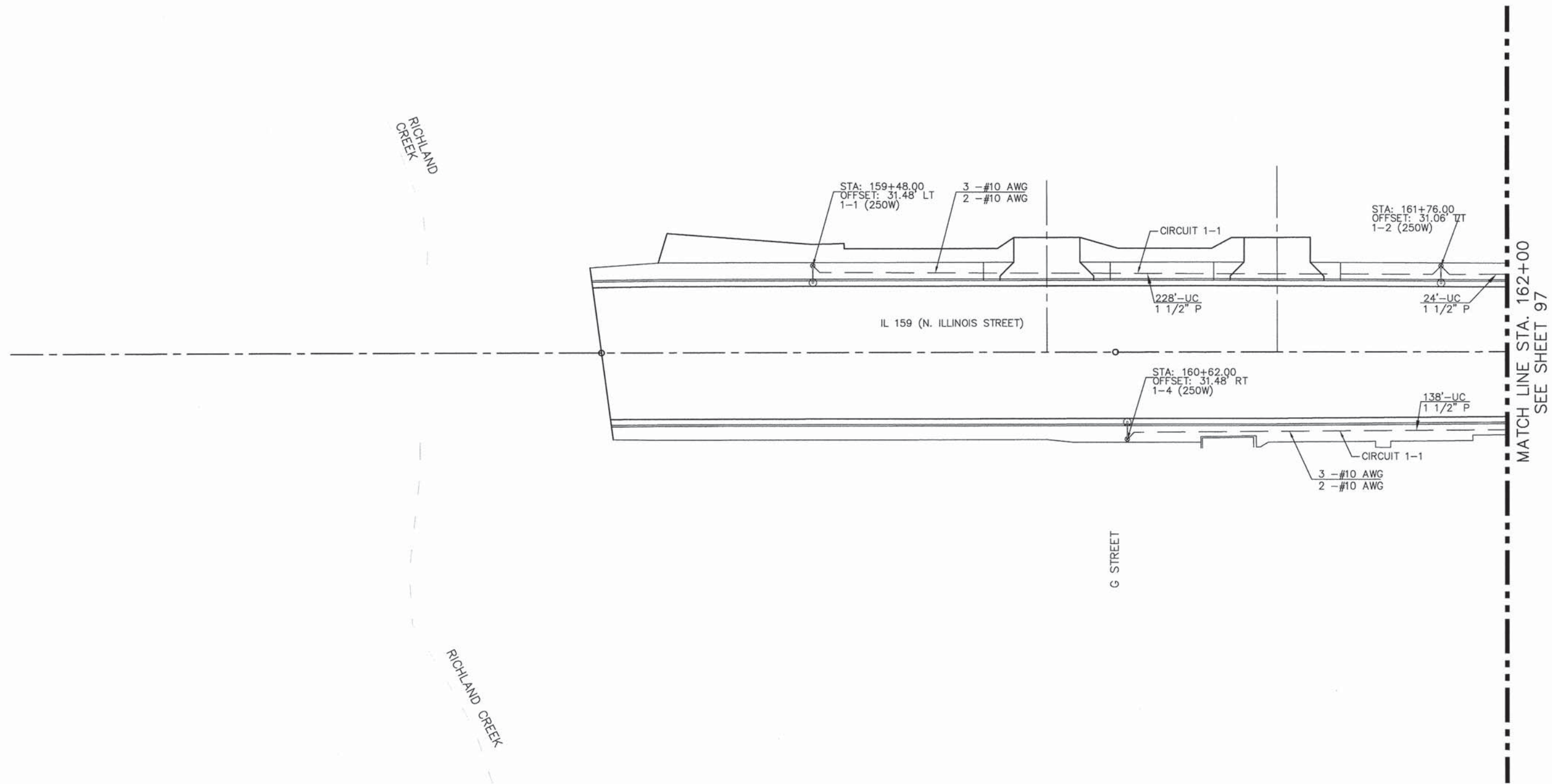
**PROPOSED LIGHTING PLAN
DETAILS**

SCALE: SHEET NO. 95 OF 157 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	05-00206-00-WR	ST. CLAIR	157	95
CONTRACT NO. 97442				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		
	POD FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	GRADES CHECKED		
	B.M. NOTED		
	STRUCTURE NOTATIONS CRD		

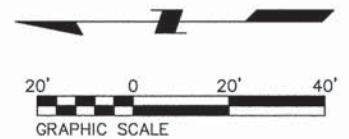


MATCH LINE STA. 162+00
SEE SHEET 97

LEGEND

PROPOSED	DESCRIPTION
	DOUBLE HANDHOLE
	HANDHOLE
	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240 VOLT, 60 AMP
	ORNAMENTAL LIGHTING UNIT: METAL HALIDE LUMINAIRE, WATTAGE AS NOTED, 25FT MH, 6 FT MAST ARM LENGTH
	PVC CONDUIT, SIZE AS INDICATED
	SERVICE INSTALLATION
	TRAFFIC SIGNAL BOX

NOTE: USE SCHEDULE 80 PVC CONDUIT WHEN CROSSING ROADWAY OR DRIVEWAYS (TYP.)



05119 Lighting Plan R03.dwg

USER NAME = Cynthia J. Hermanns	DESIGNED - B.J.W.	REVISED -
PLOT SCALE = 1" = .0833'	DRAWN - S.J.	REVISED -
PLOT DATE = 2/17/2015	CHECKED - E.R.O.	REVISED -
	DATE - DATE	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

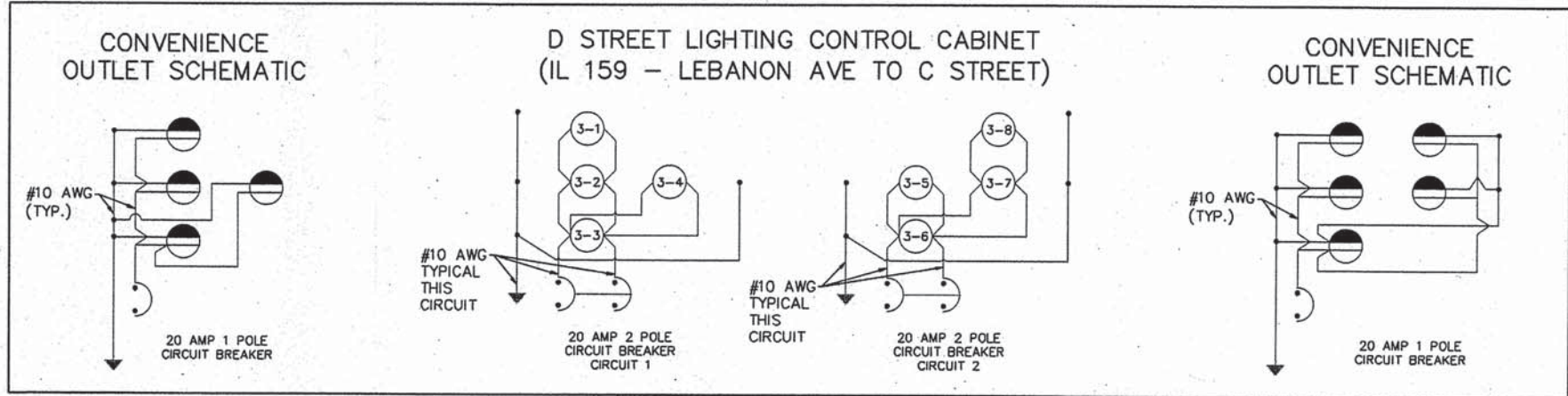
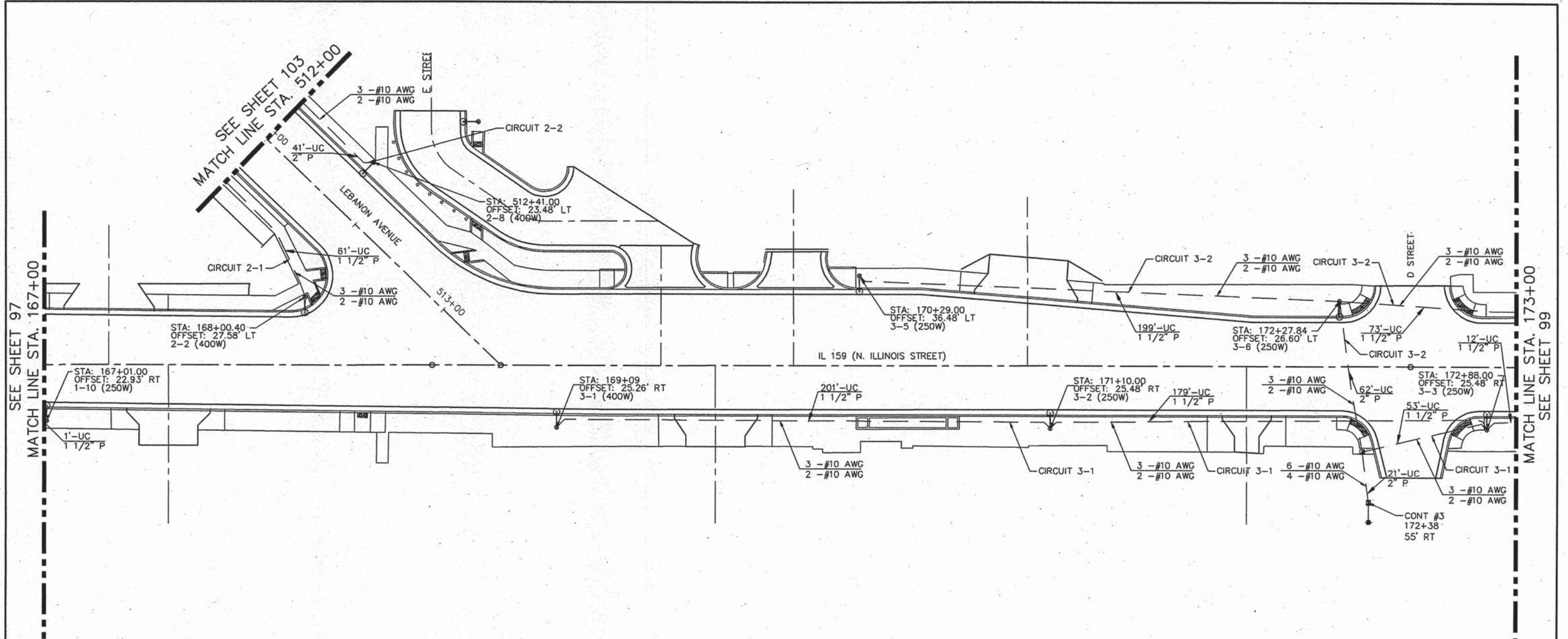
**PROPOSED LIGHTING PLAN
ILLINOIS ROUTE 159**

SCALE: SHEET NO. 96 OF 157 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	05-00206-00-WR	ST. CLAIR	157	96
CONTRACT NO. 97442				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISION	
NO.	
DATE	
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REVISION	
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DATE	
BY	
REVISION	
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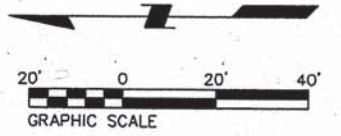
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REVISION	
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REVISION	
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DATE	
BY	
REVISION	
NO.	



LEGEND

PROPOSED	DESCRIPTION
	DOUBLE HANDHOLE
	HANDHOLE
	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240 VOLT, 60 AMP
	ORNAMENTAL LIGHTING UNIT: METAL HALIDE LUMINAIRE, WATTAGE AS NOTED, 25FT MH, 6 FT MAST ARM LENGTH
	PVC CONDUIT, SIZE AS INDICATED
	SERVICE INSTALLATION
	TRAFFIC SIGNAL BOX

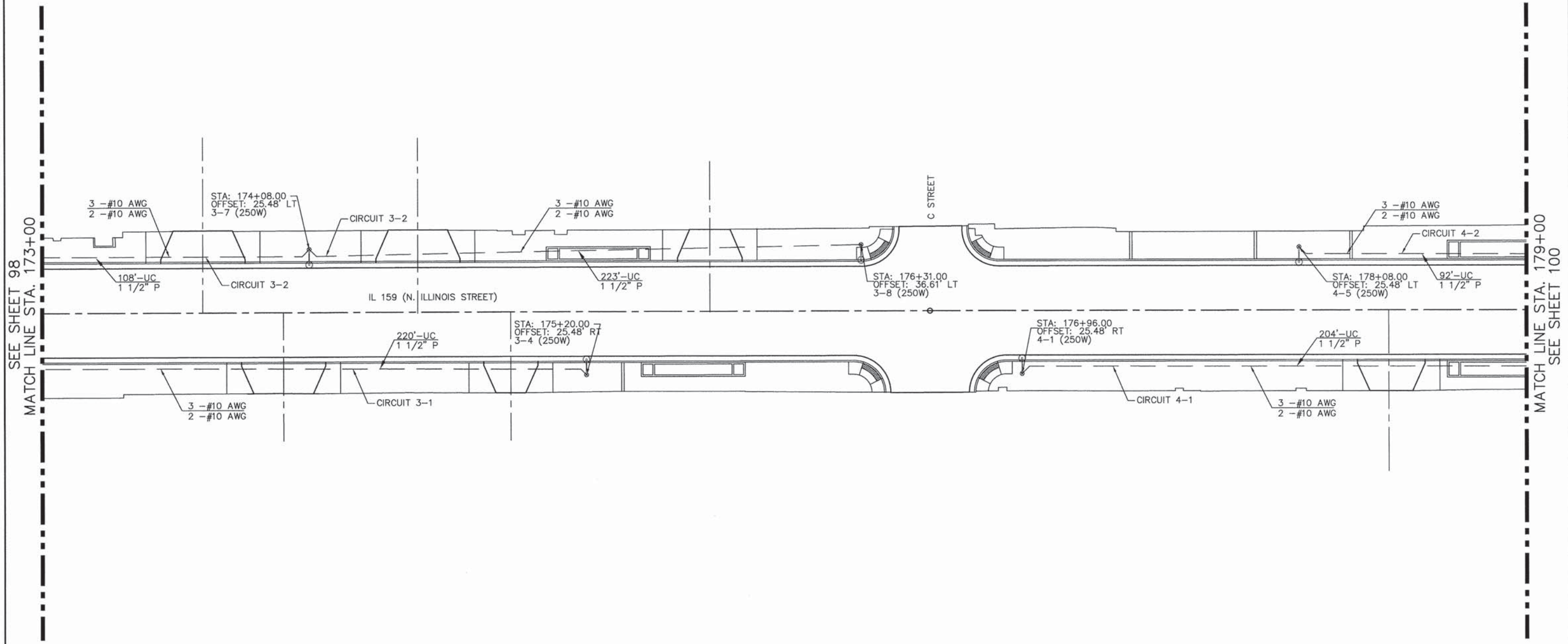
NOTE: USE SCHEDULE 80 PVC CONDUIT WHEN CROSSING ROADWAY OR DRIVEWAYS (TYP.)



05119 Lighting Plan R03.dwg	USER NAME - Cynthia J. Hermanns	DESIGNED - B.J.W.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED LIGHTING PLAN ILLINOIS ROUTE 159	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE - 1" = .0833'	CHECKED - E.R.O.	REVISED -			600	05-00208-00-WR	ST. CLAIR	157	98
	PLOT DATE - 5/5/2015	DATE - DATE	REVISED -			CONTRACT NO. 97442				
						SCALE:	SHEET NO. 98 OF 157 SHEETS		STA.	TO STA.
ILLINOIS FED. AID PROJECT										

PLAN	SURVEYED	BY	DATE
	ALIGNED		
	CHECKED		
	RT. OF WAY		
	CHECKED		
	NO. FILE NAME		

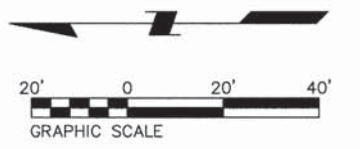
PROFILE	SURVEYED	BY	DATE
	GRADES		
	NOTED		
	STRUCTURE		
	NOTATIONS		
	CHKD		



LEGEND

PROPOSED	DESCRIPTION
	DOUBLE HANDHOLE
	HANDHOLE
	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240 VOLT, 60 AMP
	ORNAMENTAL LIGHTING UNIT: METAL HALIDE LUMINAIRE, WATTAGE AS NOTED, 25FT MH, 6 FT MAST ARM LENGTH
	PVC CONDUIT, SIZE AS INDICATED
	SERVICE INSTALLATION
	TRAFFIC SIGNAL BOX

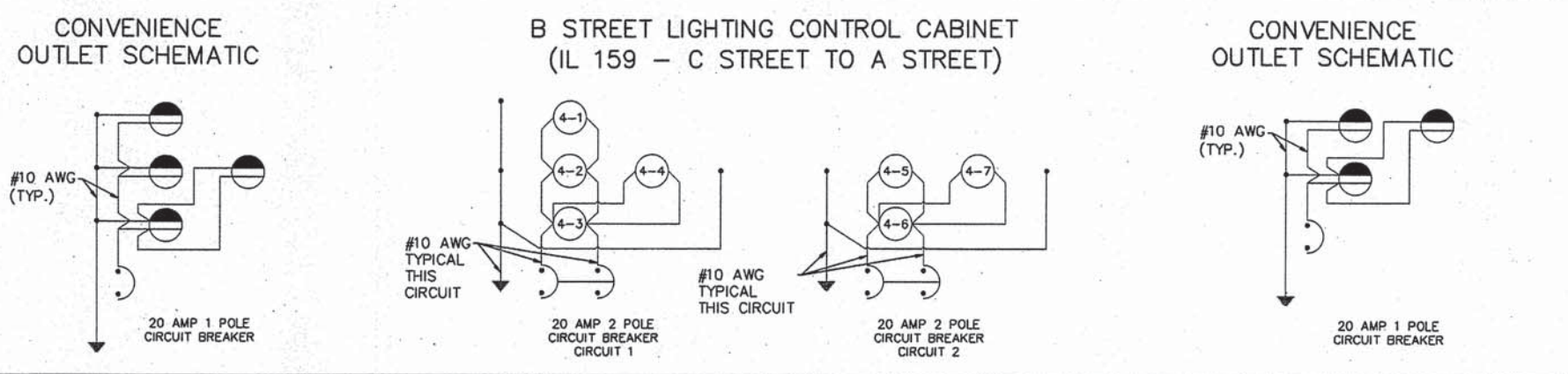
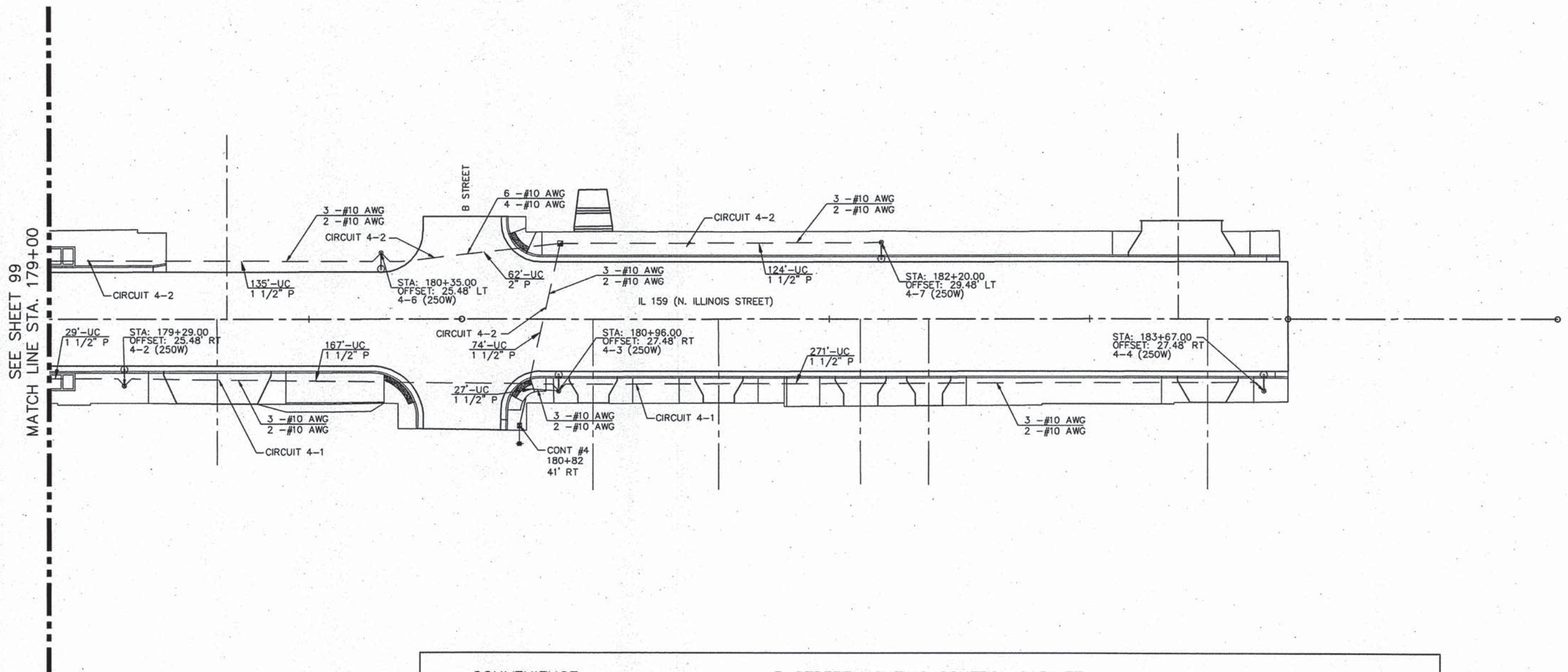
NOTE: USE SCHEDULE 80 PVC CONDUIT WHEN CROSSING ROADWAY OR DRIVEWAYS (TYP.)



05119 Lighting Plan R03.dwg	USER NAME = Cynthia J. Hermanns	DESIGNED - B.J.W.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED LIGHTING PLAN ILLINOIS ROUTE 159		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1" = .0833'	DRAWN - S.J.	REVISED -				600	05-00206-00-WR	ST. CLAIR	157	99
PLOT DATE = 2/17/2015	CHECKED - E.R.O.	REVISED -		SCALE: SHEET NO. 99 OF 157 SHEETS STA. TO STA.		CONTRACT NO. 97442		ILLINOIS FED. AID PROJECT			

DATE	
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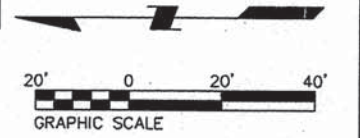
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LEGEND

PROPOSED	DESCRIPTION
	DOUBLE HANDHOLE
	HANDHOLE
	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240 VOLT, 60 AMP
	ORNAMENTAL LIGHTING UNIT: METAL HALIDE LUMINAIRE, WATTAGE AS NOTED, 25FT MH, 6 FT MAST ARM LENGTH
	PVC CONDUIT, SIZE AS INDICATED
	SERVICE INSTALLATION
	TRAFFIC SIGNAL BOX

NOTE: USE SCHEDULE 80 PVC CONDUIT WHEN CROSSING ROADWAY OR DRIVEWAYS (TYP.)



05119 Lighting Plan R03.dwg	USER NAME - Cynthia J. Hermanns	DESIGNED - B.J.W.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED LIGHTING PLAN ILLINOIS ROUTE 159	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1" = .0833'	DRAWN - S.J.	REVISED -			600	05-00208-00-WR	ST. CLAIR	157	100
	PLOT DATE = 5/5/2015	CHECKED - E.R.O.	REVISED -			CONTRACT NO. 97442				
				SCALE:	SHEET NO. 100 OF 157 SHEETS	STA.	TO STA.		ILLINOIS / FED. AID PROJECT	