11–08–2024 LETTING ITEM 003

SUBSURFACE UTILITY ENGINEERING (S.U.E) UTILIZED ON THIS PROJECT

FOR INDEX OF SHEETS AND ENGINEERING SEALS, SEE SHEET NO. 2

IMPROVEMENTS LOCATED IN THE CITY OF COUNTRYSIDE

DESIGN DESIGNATION

55TH STREET 2110(40) MINOR ARTERIAL (FD–20)

LA GRANGE ROAD 2640(40) MINOR ARTERIAL (FD–20)

TRAFFIC DATA

55TH STREET ADT = 16,200 (2023) 21,100 (2040)

LA GRANGE ROAD ADT = 30,300 (2023) 26,400 (2040)

POSTED SPEED LIMIT

55TH STREET = 35 MPH

LA GRANGE ROAD = 35 MPH

DESIGN SPEED LIMIT

55TH STREET = 35 MPH

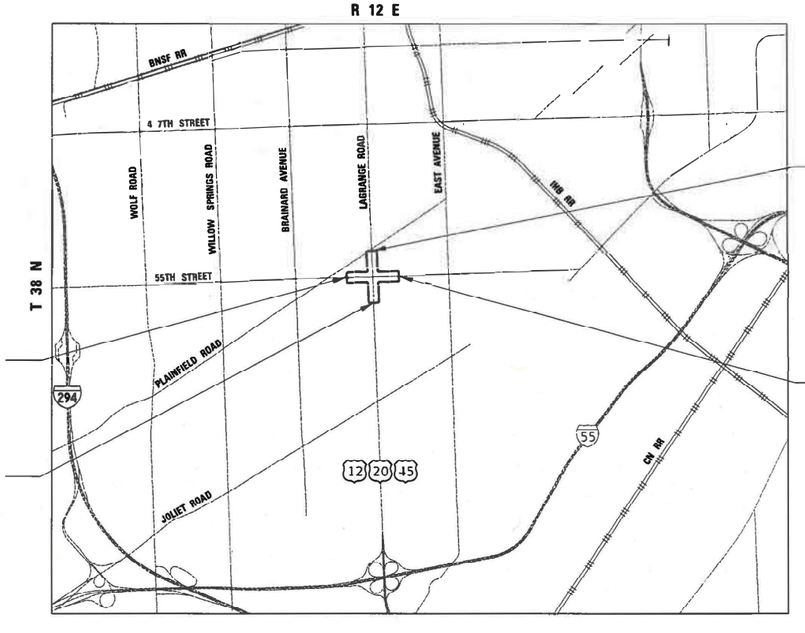
LA GRANGE ROAD = 35 MPH

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED
HIGHWAY PLANS

FAU ROUTE 1504 (55TH STREET)
US 12/20/45 (LA GRANGE ROAD) TO EAST AVENUE
AND AT US ROUTE 12/20/45
SECTION 0104WRS&N–11
PROJECT STP–TM1F(500)
INTERSECTION IMPROVEMENTS, WIDENING EXISTING PAVEMENT, STANDARD OVERLAY, & ADA IMPROVEMENTS
COOK COUNTY

C–91–126–12



BEGIN IMPROVEMENT
55TH STREET
STA. 89 + 91

BEGIN IMPROVEMENT
US ROUTE 12/20/45
(LA GRANGE ROAD)
STA. 188 + 00

END IMPROVEMENT
US ROUTE 12/20/45
(LA GRANGE ROAD)
STA. 209 + 07

END IMPROVEMENT
55TH STREET
STA. 120 + 41

GROSS LENGTH = 5,157.54 FT. = 0.977 MILE

NET LENGTH = 5,157.54 FT. = 0.977 MILE

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	1
	ILLINOIS	CONTRACT NO. 60R50		

D-91-126-12



LOCATION OF SECTION INDICATED THUS: –

BURNS McDONNELL

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Aug 13 2024

REGIONAL ENGINEER

October 4, 2024

ENGINEER OF DESIGN AND ENVIRONMENT

October 4, 2024

DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

100' 200' 300' — 1" = 100'
0 10' 20' 30' — 1" = 10'
0 50' 100' — 1" = 50'
0 50' 100' — 1" = 40'
0 50' 100' — 1" = 30'
0 50' 100' — 1" = 20'

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

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

PROJECT ENGINEER: TIMOTHY SCHMIDT, P.E., S.E. (847) 705–4238
PROJECT MANAGER: JOSEPH CROSS, P.E., P.L.S., (847) 705–4605

CONTRACT NO. 60R50

REV-SEP

INDEX OF SHEETS

SHEET NO.	TITLE
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2	INDEX OF SHEETS AND HIGHWAY STANDARDS
3	GENERAL NOTES
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19-24	TYPICAL SECTIONS
25	SCHEDULE OF QUANTITIES
26-27	ALIGNMENT, TIES AND BENCHMARKS
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31-35	ROADWAY PLAN AND PROFILE
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39-45	SIDEWALK / MULTI-USE PATH / DRIVEWAY DETAILS
46-62	ADA RAMP DETAILS
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82-95	EROSION CONTROL PLANS
96-98	EXISTING DRAINAGE PLAN
99-101	EXISTING DRAINAGE SCHEDULES
102-106	DRAINAGE AND UTILITY PLAN AND PROFILE
107-110	DRAINAGE SCHEDULES
111-121	SUE INVESTIGATION OF UNDERGROUND UTILITIES
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146-151	SIGNING PLANS
152-156	LANDSCAPING PLANS
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256-277	LAGRANGE ROAD CROSS SECTIONS

DISTRICT 1 STANDARD DETAILS

STANDARD NO.	LIST OF DESCRIPTION
BD-01	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER ≥ 15'
BD-02	DRIVEWAY DETAILS DISTANCE BETWEEN R.O.W. AND FACE OF CURB < 15'
BD-05	DETAILS FOR CONCRETE MEDIAN TYPE SB (DOWELLED) CORRUGATED MEDIAN (MODIFIED)
BD-07	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER
BD-08	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD-22	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD-32	BUTT JOINT AND HMA TAPER DETAILS
BD-51	BENCHING DETAIL FOR EMBANKMENT WIDENING
BE-240	COMBINATION LIGHTING, TRAFFIC SIGNAL SCHEMATIC
BE-301	LIGHT POLE FOUNDATION 40' TO 47 1/2" M.H. 15" BOLT CIRCLE
BE-305	LIGHT POLE FOUNDATION, METAL
BE-310	LIGHT POLE FOUNDATION OFFSET 40' TO 47 1/2" M.H. 15" BOLT CIRCLE
BE-401	ALUMINUM LIGHT POLE 40'-0" MOUNTING HEIGHT
BE-701	LUMINAIRE SAFETY CABLE ASSEMBLY
BE-702	MISC. ELECTRICAL DETAILS SHEET A
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-11	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-14	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
TC-16	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
TC-21	DETOUR SIGNING FOR CLOSING STATE HIGHWAYS
TC-22	ARTERIAL ROAD INFORMATION SIGN
TC-26	DRIVEWAY ENTRANCE SIGNING
TS-02	MAST ARM MOUNTED STREET NAME SIGNS
TS-05	STANDARD TRAFFIC SIGNAL DESIGN DETAILS

HIGHWAY STANDARDS

STANDARD NO.	LIST OF DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
406201-01	MAILBOX TURNOUT
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-05	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-05	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-06	DEPRESSED CORNER FOR SIDEWALKS
424026-03	ENTRANCE ALLEY PEDESTRIAN CROSSINGS
442201-03	CLASS C&D PATCHES
601001-05	PIPE UNDERDRAINS
602001-02	CATCH BASIN TYPE A
602011-02	CATCH BASIN TYPE C
602301-04	INLET TYPE A
602401-07	PRECAST MANHOLE TYPE A 4' DIAMETER
602402-03	PRECAST MANHOLE TYPE A 5' DIAMETER
602406-11	PRECAST MANHOLE TYPE A 6' DIAMETER
602411-09	PRECAST MANHOLE TYPE A 7' DIAMETER
602416-09	PRECAST MANHOLE TYPE A 8' DIAMETER
602421-09	PRECAST MANHOLE TYPE A 9' DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-05	FRAME AND LIDS TYPE 1
604036-03	GRATE TYPE 8
604091-05	FRAME AND GRATE TYPE 24
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
606306-04	CORRUGATED PC CONCRETE MEDIANS
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701427-05	LANE CLOSURE MULTILANE INTERMITTENT OR MOVING OPERATIONS 40MPH OR LESS
701501-06	URBAN LANE CLOSURE, 2L 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L 2W WITH BIDIRECTIONAL LEFT TURN LANE
701601-09	URBAN LANE CLOSURE MULTILANE, 1W 2W WITH NONTRAVERSABLE MEDIAN
701602-10	URBAN LANE CLOSURE MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN SINGLE LANE CLOSURE MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-09	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS MARKERS AND DELINEATORS
720016-04	MAST ARM MOUNTED STREET NAME SIGNS
720021-03	SIGN PANELS EXTRUDED ALUMINUM TYPE
725001-01	OBJECT AND TERMINAL MARKERS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPE A AND B METAL POSTS
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-03	HANDHOLES
814006-03	DOUBLE HANDHOLES
821101-02	LUMINAIRE WIRING IN POLE
838001-01	BREAKAWAY DEVICES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTABLE POWER SUPPLY
873001-02	TRAFFIC SIGNAL GROUNDING AND BONDING
876001-04	PEDESTRIAN PUSH BUTTON POST
877011-10	STEEL COMBO MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
877012-07	STEEL COMBO MAST ARM ASSEMBLY AND POLE 56' THROUGH 75'
878001-11	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

LICENSED PROFESSIONAL ENGINEER
RICHARD JIANG
062-069621
STATE OF ILLINOIS

SEAL

BURNS & MCDONNELL ENGINEERING CO., INC.

SIGNATURE: _____

DATE SIGNED: 08/05/2024
LICENSE EXPIRES: 11/30/2025
THIS SEAL APPLIES TO SHEETS:
1-27, 31-62, 81-110, 143-156, 166-179, 222-277

MARIA SLICK
062-070645
LICENSED PROFESSIONAL ENGINEER
OF
ILLINOIS

SEAL

EFK MOEN, LLC

SIGNATURE: _____

DATE SIGNED: 08/05/2024
LICENSE EXPIRES: 11/30/2025
THIS SEAL APPLIES TO SHEETS:
28-30, 63-80

LICENSED PROFESSIONAL ENGINEER
FRANKLIN P. EPPERT
062-024057
STATE OF ILLINOIS

SEAL

ABNA ENGINEERING INC.

SIGNATURE: _____

DATE SIGNED: 08/05/2024
LICENSE EXPIRES: 11/30/2025
THIS SEAL APPLIES TO SHEETS:
180-197

MODEL: Default
FILE NAME: 121665-IH-index.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - JIR	REVISED -	
PLOT DATE = 8/5/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS AND HIGHWAY STANDARDS

SCALE: | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	2
		CONTRACT NO. 60R50		
	ILLINOIS FED. AID PROJECT			

GENERAL NOTES

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRICAL LINES, TELEPHONE AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED)

2. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE CITY OF COUNTRYSIDE, TO HAVE THE LOCATION OF EXISTING UTILITIES STAKED AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO EXCAVATION.

3. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

4. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1½ INCHES. A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).

5. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) IN ACCORDANCE WITH THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS UNLESS OTHERWISE SPECIFIED.

6. TWO WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS THE RESIDENT ENGINEER SHALL CONTACT AREA TRAFFIC FIELD ENGINEER EMAD ALHUSSEINI (EMAD.ALHUSSEINI@ILLINOIS.GOV).

7. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR KALPANA HOSADURGA (KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV) A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

8. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED EACH LOCATION.

9. THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE BASED ON FIELD INVESTIGATIONS AND BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATIONS FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

10. FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT, UNLESS OTHERWISE NOTED IN THE PLANS.

11. THE CONTRACTOR SHALL TAKE CARE IN REMOVING OR EXCAVATING NEAR ALL EXISTING ITEMS WHICH WILL REMAIN. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

12. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, AS REQUIRED, PRIOR TO COMMENCING WITH CONSTRUCTION.

13. POLLUTION CONTROL: THE CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH STATE REGULATIONS REGARDING AIR, WATER AND NOISE POLLUTION.

14. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING DRAINAGE THROUGHOUT THE CONSTRUCTION OF THIS PROJECT.

15. PROPERTY OWNERS OF THE DRIVEWAYS SCHEDULED TO BE CLOSED NEED TO BE GIVEN A FORMAL NOTIFICATION AT THE BEGINNING OF CONSTRUCTION.

16. ANY AGGREGATE SUBGRADE DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT CONTRACTOR'S EXPENSE.

17. SAW CUTS (FULL DEPTH) SHALL BE REQUIRED BETWEEN PAVEMENT, SIDEWALK, CURB AND GUTTER, MEDIAN, DRIVEWAY PAVEMENT, PATCHING, AND BITUMINOUS SURFACE TO BE REMOVED AND THAT TO BE LEFT IN PLACE OR AS DIRECTED BY THE ENGINEER. THE WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF REMOVAL ITEMS.

18. A 10' TRANSITION SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURB AND GUTTER AND MEDIAN IN THE FIELD. THE TRANSITION SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM.

19. DURING CONSTRUCTION, AGGREGATE FOR TEMPORARY ACCESS WILL ALSO BE USED TO PROVIDE TEMPORARY RAMPS AT INTERSECTIONS, BUILDING ENTRANCES, AND AS DETERMINED BY THE ENGINEER FOR PEDESTRIAN MOVEMENT. THIS WORK WILL BE PAID FOR AS "AGGREGATE FOR TEMPORARY ACCESS"

20. WITHIN THE LIMITS OF CONSTRUCTION THE CONTRACTOR SHALL REMOVE AND RELOCATE ALL MAILBOXES WHICH INTERFERE WITH CONSTRUCTION OPERATIONS IN ACCORDANCE WITH THE PROVISIONS OF ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS. THE TEMPORARY AND FINAL LOCATIONS OF THE MAILBOXES SHALL BE COORDINATED AND APPROVED BY THE ENGINEER.

21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING LOCAL AGENCIES MAINTAINING SANITARY SEWERS, WATERMAINS, AND STREET LIGHTS TO VERIFY THE MATERIALS AND METHODS ALLOWED FOR THE ADJUSTMENT, RELOCATION, OR EXTENSION OF THE UTILITY INVOLVED.

22. ALL DAMAGE TO DEPARTMENT OWNED UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS.

23. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ABOVE ITEM WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE AND/OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

24. DURING CONSTRUCTION OPERATIONS, WHENEVER LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF GUTTERS, DRAINAGE STRUCTURES, DITCHES, ETC., SUCH THAT THE NATURAL FLOW LINE OF WATER IS OBSTRUCTED, THE LOOSE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS. THE CONTRACTOR'S FAILURE TO PROVIDE THE ABOVE WILL PRECLUDE ANY POSSIBLE ADDED COMPENSATION REQUESTED DUE TO DELAYS OR UNSUITABLE MATERIAL CREATED AS A RESULT THEREOF.

25. THE EXACT LOCATION AND INVERTS OF EXISTING STORM SEWERS AND DRAINAGE STRUCTURES SHALL BE VERIFIED IN THE FIELD PRIOR TO INSTALLATION OF PROPOSED DRAINAGE ITEMS. THE INVERTS OF PROPOSED DRAINAGE ITEMS CONNECTING TO EXISTING SEWERS OR DRAINAGE STRUCTURES MAY REQUIRE REVISIONS TO MEET EXISTING FIELD CONDITIONS. ANY ADJUSTMENTS SHALL BE AS DIRECTED BY THE ENGINEER.

26. THE STATION AND OFFSET NOTED FOR DRAINAGE STRUCTURES LOCATED IN THE CURB LINE REFER TO THE POSITION OF THE ADJACENT PROPOSED EDGE OF PAVEMENT. THE RIM ELEVATION NOTED FOR THESE STRUCTURES IS AT THE EDGE OF PAVEMENT. ALL OTHER DRAINAGE STRUCTURES STATIONS AND OFFSETS ARE TO THE CENTER OF THE STRUCTURE. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE BEST DIRECTION FOR MANHOLES AND CATCH BASINS TO FACE.

27. PIPE UNDERDRAINS SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE SSRBC AND STANDARD 601001-05. TOP OF PIPE UNDERDRAINS SHALL BE PLACED A MINIMUM OF 6" BELOW THE AGGREGATE SUBGRADE IMPROVEMENT LAYER. THE COST OF MAKING UNDERDRAIN CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PROPOSED UNDERDRAIN.

28. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES AND RAISED REFLECTIVE PAVEMENT MARKERS, IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.

29. THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW, WASTE, USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) AND USE/WASTE REVIEW (BDE 2290) SUBMITTALS, THE CONTRACTOR SHALL SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION II.G.1 AND 2 OF THE SWPPP. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT ESC PLANS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

30. SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH THE FULLY LOADED TANDEM-AXLE TRUCK.

31. BACK FILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ARTICLE 550.07 (b,c) OF THE SSRBC WILL NOT BE ALLOWED.

32. THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER LIFT SHALL BE CS1 OR RR1.

33. THE CONTRACTOR SHALL CONTACT THE ROADSIDE DEVELOPMENT UNIT AT (847)705-4171 AT LEAST 72 HOURS IN ADVANCE OF PLANTING TO APPROVE THE LAYOUT OF LANDSCAPING ITEMS.

34. THE RESIDENT ENGINEER SHALL CONTACT THE PACE BUS TRANSPORTATION ENGINEER AT TRANSPORTATION.ENGINEER@PACEBUS.COM ONE (1) WEEK IN ADVANCE OF ALL STAGE CHANGES.

35. THE CONTRACTOR SHALL CONTACT THE PACE BUS TRANSPORTATION ENGINEER AT TRANSPORTATION.ENGINEER@PACEBUS.COM REGARDING THE INSTALLATION AND REPLACEMENT REQUIREMENTS FOR IMPACTED BUS SHELTERS.

MODEL: Default
FILE NAME: I21166-alt-gennotes.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - RGJ	REVISED -
	DRAWN - RGJ	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED - JIR	REVISED -
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SCALE: | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	3
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
					80% FED/20% STATE	80% FED/20% STATE	100% COUNTRYSIDE	100% COUNTRYSIDE	100% COUNTRYSIDE	100% COOK COUNTY	100% MWRD
					ROADWAY	TRAFFIC	ROADWAY	EVP	LIGHTING	ROADWAY	ROADWAY
					0004	0021	0004	0021	0021	0004	0004
					URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
	20101000	TEMPORARY FENCE	FOOT	567	567						
*	20101100	TREE TRUNK PROTECTION	EACH	13	13						
*	20101200	TREE ROOT PRUNING	EACH	13	13						
*	20101700	SUPPLEMENTAL WATERING	UNIT	162	162						
	20200100	EARTH EXCAVATION	CU YD	8,202	8,202						
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1,607	1,607						
	20800150	TRENCH BACKFILL	CU YD	10,615	6,846					1,487	2,282
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	3,986	3,986						
	21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	3,706	1,244						2,462
	21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	3,073	3,073						
*	25200110	SODDING, SALT TOLERANT	SQ YD	10,537	10,537						
*	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	301	301						
*	28000305	TEMPORARY DITCH CHECKS	FOOT	108	108						
*	28000400	PERIMETER EROSION BARRIER	FOOT	6,453	6,453						
*	28000500	INLET AND PIPE PROTECTION	EACH	58	58						
*	28000510	INLET FILTERS	EACH	175	175						
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	1,602	1,602						
	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	15,335	15,335						
	31101180	SUBBASE GRANULAR MATERIAL, TYPE B 2"	SQ YD	3,325	3,325						

* SPECIALTY ITEM

MODEL: Default
FILE NAME: 121166-sht-sqs01.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - HTS	REVISED -
	DRAWN - HTS	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED - RGJ	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET 1 OF 15 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	4
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

REV-SEP

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				80% FED/20% STATE	80% FED/20% STATE	100% COUNTRYSIDE	100% COUNTRYSIDE	100% COUNTRYSIDE	100% COOK COUNTY	100% MWRD
				ROADWAY	TRAFFIC	ROADWAY	EVP	LIGHTING	ROADWAY	ROADWAY
				0004	0021	0004	0021	0021	0004	0004
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	6,938	5,489						1,449
35101400	AGGREGATE BASE COURSE, TYPE B	TON	719	719						
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	1,944	1,944						
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	431	431						
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	3,071	3,071						
35501318	HOT-MIX ASPHALT BASE COURSE, 8 1/2"	SQ YD	8,537	8,537						
35600710	HOT-MIX ASPHALT BASE COURSE WIDENING, 8 1/2"	SQ YD	1,043	1,043						
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	200	200						
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	21,553	21,553						
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	24,333	24,333						
40600370	LONGITUDINAL JOINT SEALANT	FOOT	19,965	19,965						
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	236	236						
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	1,793	1,200					21	572
40602985	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70	TON	479	479						
40603090	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	161	161						
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	1,467	1,467						
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	395	395						
40605026	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80	TON	3,423	3,423						
42001300	PROTECTIVE COAT	SQ YD	11,873	11,873						

* SPECIALTY ITEM

MODEL: Default
FILE NAME: I:\21166-sht-ssq-02.dgn

BURNS McDONNELL

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET 2 OF 15 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	5
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	

REV-SEP

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				80% FED/20% STATE	80% FED/20% STATE	100% COUNTRYSIDE	100% COUNTRYSIDE	100% COUNTRYSIDE	100% COOK COUNTY	100% MWRD
				ROADWAY	TRAFFIC	ROADWAY	EVP	LIGHTING	ROADWAY	ROADWAY
				0004	0021	0004	0021	0021	0004	0004
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	1,249	1,249						
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	26,245	26,245						
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	485	485						
42400800	DETECTABLE WARNINGS	SQ FT	432	432						
44000100	PAVEMENT REMOVAL	SQ YD	11,949	10,500						1,449
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	5,963	5,963						
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	12,953	12,953						
44000600	SIDEWALK REMOVAL	SQ FT	25,093	25,093						
44002224	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 6"	SQ YD	5,336	3,571					63	1,702
44004250	PAVED SHOULDER REMOVAL	SQ YD	2,243	2,243						
44201337	CLASS C PATCHES, TYPE I, 9 INCH	SQ YD	19	19						
44201341	CLASS C PATCHES, TYPE II, 9 INCH	SQ YD	306	306						
44201345	CLASS C PATCHES, TYPE III, 9 INCH	SQ YD	403	403						
44201347	CLASS C PATCHES, TYPE IV, 9 INCH	SQ YD	4,091	2,326					63	1,702
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	191	191						
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	33	33						
550A0210	STORM SEWERS, CLASS A, TYPE 1 60"	FOOT	64	64						
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	1,757	1,757						
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	472	472						

* SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				80% FED/20% STATE	80% FED/20% STATE	100% COUNTRYSIDE	100% COUNTRYSIDE	100% COUNTRYSIDE	100% COOK COUNTY	100% MWRD
				ROADWAY	TRAFFIC	ROADWAY	EVP	LIGHTING	ROADWAY	ROADWAY
				0004	0021	0004	0021	0021	0004	0004
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	299	299						
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	158	158						
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	648	648						
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	572	572						
550A0500	STORM SEWERS, CLASS A, TYPE 2 60"	FOOT	2,456	1,115					171	1,170
55100300	STORM SEWER REMOVAL 8"	FOOT	279	279						
55100400	STORM SEWER REMOVAL 10"	FOOT	391	391						
55100500	STORM SEWER REMOVAL 12"	FOOT	596	596						
55100700	STORM SEWER REMOVAL 15"	FOOT	201	201						
55100900	STORM SEWER REMOVAL 18"	FOOT	1,196	1,196						
55101200	STORM SEWER REMOVAL 24"	FOOT	316	316						
55101400	STORM SEWER REMOVAL 30"	FOOT	449	449						
55101600	STORM SEWER REMOVAL 36"	FOOT	902	577					325	
55101800	STORM SEWER REMOVAL 42"	FOOT	15	15						
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	9,267	9,267						
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	2	2						
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	63	63						
60205040	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	6	6						
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	7	7						

* SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET 4 OF 15 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	7
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	

REV-SEP

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				80% FED/20% STATE	80% FED/20% STATE	100% COUNTRYSIDE	100% COUNTRYSIDE	100% COUNTRYSIDE	100% COOK COUNTY	100% MWRD
				ROADWAY	TRAFFIC	ROADWAY	EVP	LIGHTING	ROADWAY	ROADWAY
				0004	0021	0004	0021	0021	0004	0004
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	7	7						
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6	6						
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2						
60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	19	11					2	6
60224448	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 8 GRATE	EACH	1	1						
60224456	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	2	2						
60224459	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	8	4					1	3
60224476	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	3	1					2	
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	44	44						
60250200	CATCH BASINS TO BE ADJUSTED	EACH	3	3						
60255500	MANHOLES TO BE ADJUSTED	EACH	10	10						
60260100	INLETS TO BE ADJUSTED	EACH	1	1						
60500040	REMOVING MANHOLES	EACH	34	34						
60500050	REMOVING CATCH BASINS	EACH	37	37						
60500060	REMOVING INLETS	EACH	17	17						
60600605	CONCRETE CURB, TYPE B	FOOT	3,097	3,097						
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	86	86						
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	12,063	12,063						

* SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET 5 OF 15 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	8
		CONTRACT NO. 60R50		
	ILLINOIS FED. AID PROJECT			

REV-SEP

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				80% FED/20% STATE	80% FED/20% STATE	100% COUNTRYSIDE	100% COUNTRYSIDE	100% COUNTRYSIDE	100% COOK COUNTY	100% MWRD
				ROADWAY	TRAFFIC	ROADWAY	EVP	LIGHTING	ROADWAY	ROADWAY
				0004	0021	0004	0021	0021	0004	0004
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
60608300	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	FOOT	574	574						
60609200	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12	FOOT	552	552						
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	4,800	4,800						
60618320	CONCRETE MEDIAN SURFACE, 6 INCH	SQ FT	5,546	5,546						
60620000	CONCRETE MEDIAN, TYPE SB-6.24	SQ FT	8,541	8,541						
67100100	MOBILIZATION	LSUM	1	1						
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	8,905	8,905						
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	255	255						
66900530	SOIL DISPOSAL ANALYSIS	EACH	15	15						
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	672	672						
66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1						
70300100	SHORT TERM PAVEMENT MARKING	FOOT	41,238	41,238						
66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION PLAN	LSUM	1	1						
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	77,316	77,316						
66901005	ENGINEERED BARRIER	SQ YD	390	390						
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	364	364						
66901006	REGULATED SUBSTANCES MONITORING	CAL DA	120	120						
70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	17,046	17,046						
70300241	TEMPORARY PAVEMENT MARKING - LINE 6" - PAINT	FOOT	1,877	1,877						
70303100	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS - MODIFIED URETHANE	SQ FT	2,191	2,191						
70303120	TEMPORARY PAVEMENT MARKING - LINE 4" - MODIFIED URETHANE	FOOT	47,402	47,402						
70303130	TEMPORARY PAVEMENT MARKING - LINE 6" - MODIFIED URETHANE	FOOT	8,698	8,698						
70303160	TEMPORARY PAVEMENT MARKING - LINE 12" - MODIFIED URETHANE	FOOT	3,316	3,316						
70303210	TEMPORARY PAVEMENT MARKING - LINE 24" - MODIFIED URETHANE	FOOT	969	969						
70307100	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS - TYPE IV TAPE	SQ FT	4,108	4,108						

* SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET 6 OF 15 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	9
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	

REV-SEP

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
					80% FED/20% STATE	80% FED/20% STATE	100% COUNTRYSIDE	100% COUNTRYSIDE	100% COUNTRYSIDE	100% COOK COUNTY	100% MWRD
					ROADWAY	TRAFFIC	ROADWAY	EVP	LIGHTING	ROADWAY	ROADWAY
					0004	0021	0004	0021	0021	0004	0004
					URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
	70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	151,447	151,447						
	70307130	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE	FOOT	9,994	9,994						
	70307160	TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE	FOOT	2,008	2,008						
	70307210	TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE	FOOT	987	987						
	70400100	TEMPORARY CONCRETE BARRIER	FOOT	5,338	2,827						2,511
	70400125	PINNING TEMPORARY CONCRETE BARRIER	EACH	1,257	654						603
	70600240	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 2	EACH	7	7						
*	72000100	SIGN PANEL - TYPE 1	SQ FT	413	371	42					
*	72000200	SIGN PANEL - TYPE 2	SQ FT	40		40					
*	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	1						
*	72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	19	19						
*	72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	39	39						
*	72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	126	126						
*	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	1,371	1,371						
*	73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	5	5						
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1,127	1,127						
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	16,664	16,664						
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	3,963	3,963						
*	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	365	365						

* SPECIALTY ITEM

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BURNS McDONNELL

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET 7 OF 15 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	10
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
					80% FED/20% STATE	80% FED/20% STATE	100% COUNTRYSIDE	100% COUNTRYSIDE	100% COUNTRYSIDE	100% COOK COUNTY	100% MWRD
					ROADWAY	TRAFFIC	ROADWAY	EVP	LIGHTING	ROADWAY	ROADWAY
					0004	0021	0004	0021	0021	0004	0004
					URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,410	1,410						
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	481	481						
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	469	469						
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	500	500						
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	35,644	35,644						
*	80400100	ELECTRIC SERVICE INSTALLATION	EACH	2					2		
*	80400200	ELECTRIC UTILITY SERVICE CONNECTION	LSUM	1					1		
*	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	4,424		4,424					
*	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	95		95					
*	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	1,630		607			1,023		
*	81400100	HANDHOLE	EACH	10		8			2		
*	81400200	HEAVY-DUTY HANDHOLE	EACH	2		2					
*	81400300	DOUBLE HANDHOLE	EACH	2		2					
*	81603100	UNIT DUCT, 600V, 4-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4"DIA. POLYETHYLENE	FOOT	6,584					6,584		
*	81603037	UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4"DIA. POLYETHYLENE	FOOT	754					754		
*	81603598	UNIT DUCT, 600V, 6-1C NO.6, 1/C NO.8 GROUND, (XLP-TYPE USE), 1 1/2"DIA. POLYETHYLENE	FOOT	202					202		
*	81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1,880					1,880		
*	X1400202	LUMINAIRE(SPECIAL)	EACH	35					35		
*	X8212033	LUMINAIRE, TYPE C(SPECIAL)	EACH	10					10		

* SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET 8 OF 15 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	11
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	

REV-SEP

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
					80% FED/20% STATE	80% FED/20% STATE	100% COUNTRYSIDE	100% COUNTRYSIDE	100% COUNTRYSIDE	100% COOK COUNTY	100% MWRD
					ROADWAY	TRAFFIC	ROADWAY	EVP	LIGHTING	ROADWAY	ROADWAY
					0004	0021	0004	0021	0021	0004	0004
					URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
*	82500360	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 100AMP	EACH	1					1		
*	X8250500	LIGHTING UNIT COMPLETE, SPECIAL	EACH	41					41		
*	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	363					363		
*	83600356	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8 5/8" X 6'	EACH	6					6		
*	83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	37					37		
*	83800650	BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN	EACH	12					12		
*	84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	35					35		
*	84200804	REMOVAL OF POLE FOUNDATION	EACH	39					39		
*	84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	4					4		
*	84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	1					1		
*	84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	2					2		
*	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	4		4					
*	86400100	TRANSCEIVER - FIBER OPTIC	EACH	1		1					
*	87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	7,242		7,242					
*	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,574		1,574					
*	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,984		1,650		334			
*	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2,141		2,141					
*	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	3,335		3,335					

* SPECIALTY ITEM

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PLOT DATE = 8/5/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET 9 OF 15 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	12
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	

REV-SEP

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
					80% FED/20% STATE	80% FED/20% STATE	100% COUNTRYSIDE	100% COUNTRYSIDE	100% COUNTRYSIDE	100% COOK COUNTY	100% MWRD
					ROADWAY	TRAFFIC	ROADWAY	EVP	LIGHTING	ROADWAY	ROADWAY
					0004	0021	0004	0021	0021	0004	0004
					URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
*	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2,180		2,180					
*	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	98		98					
*	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	724		724					
*	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4		4					
*	87702980	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT.	EACH	1		1					
*	87702990	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT.	EACH	1		1					
*	87703010	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 56 FT.	EACH	1		1					
*	87703040	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 62 FT.	EACH	1		1					
*	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	20		20					
*	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4		4					
*	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	30		30					
*	87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	42		42					
*	87900200	DRILL EXISTING HANDHOLE	EACH	3		3					
*	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	8		8					
*	88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1		1					
*	88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	7		7					
*	88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	7		7					
*	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8		8					
*	88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	15		15					

* SPECIALTY ITEM

MODEL: Default
FILE NAME: 121166-sht-soq-10.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - HTS	REVISED -
	DRAWN - HTS	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED - RGJ	REVISED -
PLOT DATE = 8/5/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET 10 OF 15 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	13
		CONTRACT NO. 60R50		
		ILLINOIS FED. AID PROJECT		

REV-SEP

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
					80% FED/20% STATE	80% FED/20% STATE	100% COUNTRYSIDE	100% COUNTRYSIDE	100% COUNTRYSIDE	100% COOK COUNTY	100% MWRD
					ROADWAY	TRAFFIC	ROADWAY	EVP	LIGHTING	ROADWAY	ROADWAY
					0004	0021	0004	0021	0021	0004	0004
					URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
*	88500100	INDUCTIVE LOOP DETECTOR	EACH	6		6					
*	88600100	DETECTOR LOOP, TYPE I	FOOT	353		353					
*	88700200	LIGHT DETECTOR	EACH	2				2			
*	88700300	LIGHT DETECTOR AMPLIFIER	EACH	1				1			
*	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1		1					
*	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	7,288		7,288					
*	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1					
*	89502376	REBUILD EXISTING HANDHOLE	EACH	4		4					
*	89502380	REMOVE EXISTING HANDHOLE	EACH	18		18					
*	89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	2		2					
*	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	9		9					
*	A2000120	TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	14	14						
*	A2000220	TREE, ACER X FREEMANII MARMO (MARMO FREEMAN MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	3	3						
*	A2001916	TREE, ACER SACCHARUM LEGACY (LEGACY SUGAR MAPLE), 2 CALIPER, BALLED AND BURLAPPED	EACH	11	11						
*	A2002514	TREE, CARPINUS CAROLINIANA (AMERICAN HORNBEAM), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	5	5						
*	A2002820	TREE, CATALPA SPECIOSA (NORTHERN CATALPA), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	1	1						
*	A2004620	TREE, GLEDITSIA TRIACANTHOS INERMIS (THORNLESS COMMON HONEYLOCUST), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	7	7						
*	A2005024	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	5	5						
*	A2005614	TREE, OSTRYA VIGINIANA (AMERICAN HOPHORNBEAM), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	11	11						

* SPECIALTY ITEM

MODEL: Default
FILE NAME: 121166-sht-sos-11.dgn

BURNS McDONNELL

USER NAME = rjlang	DESIGNED - HTS	REVISED -
	DRAWN - HTS	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED - RGJ	REVISED -
PLOT DATE = 8/5/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET 11 OF 15 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	14
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
					80% FED/20% STATE	80% FED/20% STATE	100% COUNTRYSIDE	100% COUNTRYSIDE	100% COUNTRYSIDE	100% COOK COUNTY	100% MWRD
					ROADWAY	TRAFFIC	ROADWAY	EVP	LIGHTING	ROADWAY	ROADWAY
					0004	0021	0004	0021	0021	0004	0004
					URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
*	A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	8	8						
*	A2006816	TREE, QUERCUS MUEHLENBERGII (CHINKAPIN OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	1	1						
*	A2007624	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 3" CALIPER, BALLED AND BURLAPPED	EACH	3.00	3						
*	B0001716	TREE, AMELANCHIER X GRANDIFLORA APPLE, (APPLE SERVICEBERRY), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	8	8						
*	B2006216	TREE, SYRINGA RETICULATA (JAPANESE TREE LILAC), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	4	4						
*	C2000436	SHRUB, ARONIA ARTBUTIFOLIA BRILLIANT ISSIMA (BRILLIANT RED CHOKEBERRY), 3' HEIGHT, BALLED AND BURLAPPED	EACH	10			10				
*	C2003260	SHRUB, HAMAMELIS VERNALIS (VERNAL WITCH HAZEL), 5' HEIGHT, BALLED AND BURLAPPED	EACH	3			3				
*	C2C03428	SHRUB, HYDRANGEA MACROPHYLLA ENDLESS SUMMER (ENDLESS SUMMER BIGLEAF HYDRANGEA), 2' HEIGHT, CONTAINER GROWN	EACH	52			52				
*	K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	5			5				
*	K0026700	TREE CARE	EACH	8	8						
*	K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	5	5						
*	K1005875	TREE TRANSPLANT	EACH	4	4						
	X0300019	REMOVE AND REINSTALL PARKING BLOCKS	EACH	21	21						
	X0321690	BRICK WALL REMOVAL	FOOT	78	78						
*	X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	334				334			
*	X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	2,934		2,934					
*	X0325922	CELLULAR MODEM	EACH	1		1					
	X0327997	TRASH RECEPTACLES	EACH	11			11				
*	X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1		1					

* SPECIALTY ITEM

MODEL: Default
FILE NAME: 121166-sht-sos-12.dgn

BURNS McDONNELL

USER NAME = rjlang	DESIGNED - HTS	REVISED -
	DRAWN - HTS	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED - RGJ	REVISED -
PLOT DATE = 8/5/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET 12 OF 15 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	15
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
					80% FED/20% STATE	80% FED/20% STATE	100% COUNTRYSIDE	100% COUNTRYSIDE	100% COUNTRYSIDE	100% COOK COUNTY	100% MWRD
					ROADWAY	TRAFFIC	ROADWAY	EVP	LIGHTING	ROADWAY	ROADWAY
					0004	0021	0004	0021	0021	0004	0004
					URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
*	X1400267	REMOVAL OF LIGHTING LUMINAIRE, NO SALVAGE	EACH	12.0					12		
	X1700067	STAMPED COLORED PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SQ FT	18,585	8,828		9,757				
	X2130010	EXPLORATION TRENCH (SPECIAL)	FOOT	750	750						
	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	5	5						
	X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	55	55						
	X4023000	TEMPORARY ACCESS (ROAD)	EACH	12	12						
	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	24,941	24,941						
	X5503105	PLUG EXISTING STORM SEWERS	CU YD	0	0						
	X5509900	ABANDON AND FILL EXISTING STORM SEWER	FOOT	1,877	1,877						
	X5510011	PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE	EACH	3	3						
	X6020084	MANHOLE(SPECIAL)	EACH	1						1	
	X6025604	PROPOSED MANHOLE/CATCH BASIN CONNECTION OVER EXISTING STORM SEWER	EACH	7	7						
	X6640636	WOODEN FENCE REMOVAL	FOOT	76	76						
	X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	21	21						
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1						
	X7830050	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	EACH	103	103						
	X7830052	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REPLACEMENT	EACH	103	103						
*	X8100105	CONDUIT SPLICE	EACH	1		1					
*	X8212031	LUMINAIRE, TYPE A (SPECIAL)	EACH	18					18		
*	X8212032	LUMINAIRE, TYPE B (SPECIAL)	EACH	18					18		

* SPECIALTY ITEM

MODEL: Default
FILE NAME: 121166-sht-ssp-13.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - HTS	REVISED -
	DRAWN - HTS	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED - RGJ	REVISED -
PLOT DATE = 8/5/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET 13 OF 15 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	16
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	

REV-SEP

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
					80% FED/20% STATE	80% FED/20% STATE	100% COUNTRYSIDE	100% COUNTRYSIDE	100% COUNTRYSIDE	100% COOK COUNTY	100% MWRD
					ROADWAY	TRAFFIC	ROADWAY	EVP	LIGHTING	ROADWAY	ROADWAY
					0004	0021	0004	0021	0021	0004	0004
					URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
*	X8250091	COMBINATION LIGHTING CONTROLLER	EACH	1					1		
*	X8300001	LIGHT POLE (SPECIAL)	EACH	12					12		
*	X8360215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	105					105		
*	X8570235	FULL-ACTUATED CONTROLLER AND TYPE SUPER R CABINET	EACH	1		1					
*	X8600105	MASTER CONTROLLER (SPECIAL)	EACH	1		1					
*	X8620200	UNINTERRUPTABLE POWER SUPPLY (SPECIAL)	EACH	1		1					
*	X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	7,487		7,487					
*	X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8		8					
*	X8809005	LED SIGNAL FACE, LENS COVER	EACH	23		23					
*	X8891009	VIDEO VEHICLE DETECTION SYSTEM, SINGLE APPROACH	EACH	2		2					
*	X8950090	RELOCATE EXISTING LIGHTING CONTROLLER	EACH	1					1		
*	X8950510	REMOVE FIBER OPTIC CABLE FROM CONDUIT	FOOT	7,288		7,288					
*	X0325495	LANDSCAPING PLANTER	EACH	5			5				
*	Z0003850	BENCHES	EACH	10			10				
	Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1						
	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	866	866						
*	Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	61					61		
*	Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	18					18		
*	Z0033046	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1		1					

* SPECIALTY ITEM

MODEL: Default
FILE NAME: 121166-sht-soq-14.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - HTS	REVISED -	
	DRAWN - HTS	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - RGJ	REVISED -	
PLOT DATE = 8/5/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET 14 OF 15 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	17
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	

REV-SEP

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
					80% FED/20% STATE	80% FED/20% STATE	100% COUNTRYSIDE	100% COUNTRYSIDE	100% COUNTRYSIDE	100% COOK COUNTY	100% MWRD
					ROADWAY	TRAFFIC	ROADWAY	EVP	LIGHTING	ROADWAY	ROADWAY
					0004	0021	0004	0021	0021	0004	0004
					URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	1,028	1,028						
	Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	190	190						
	Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	83	83						
	Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	65	65						
	Z0056622	STORM SEWER (WATER MAIN REQUIREMENTS) 36 INCH	FOOT	110	110						
	Z0056630	STORM SEWER (WATER MAIN REQUIREMENTS) 60 INCH	FOOT	385	183					94	108
	Z0062456	TEMPORARY PAVEMENT	SQ YD	2082	633						1,449
	Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	4		4					
	Z0076600	TRAINEES	HOUR	1000	1000						
	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1000	1000						
*	81603109	UNIT DUCT, 600V, 4-1/C NO.6, 2-1/C NO.4, 1/C NO.4 GROUND, (XLP-TYPE USE), 2" DIA. POLYETHYLENE	FOOT	3110					3,110		

* SPECIALTY ITEM

MODEL: Default
FILE NAME: 121166-sht-sson15.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - HTS	REVISED -
	DRAWN - HTS	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED - RGJ	REVISED -
PLOT DATE = 8/5/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

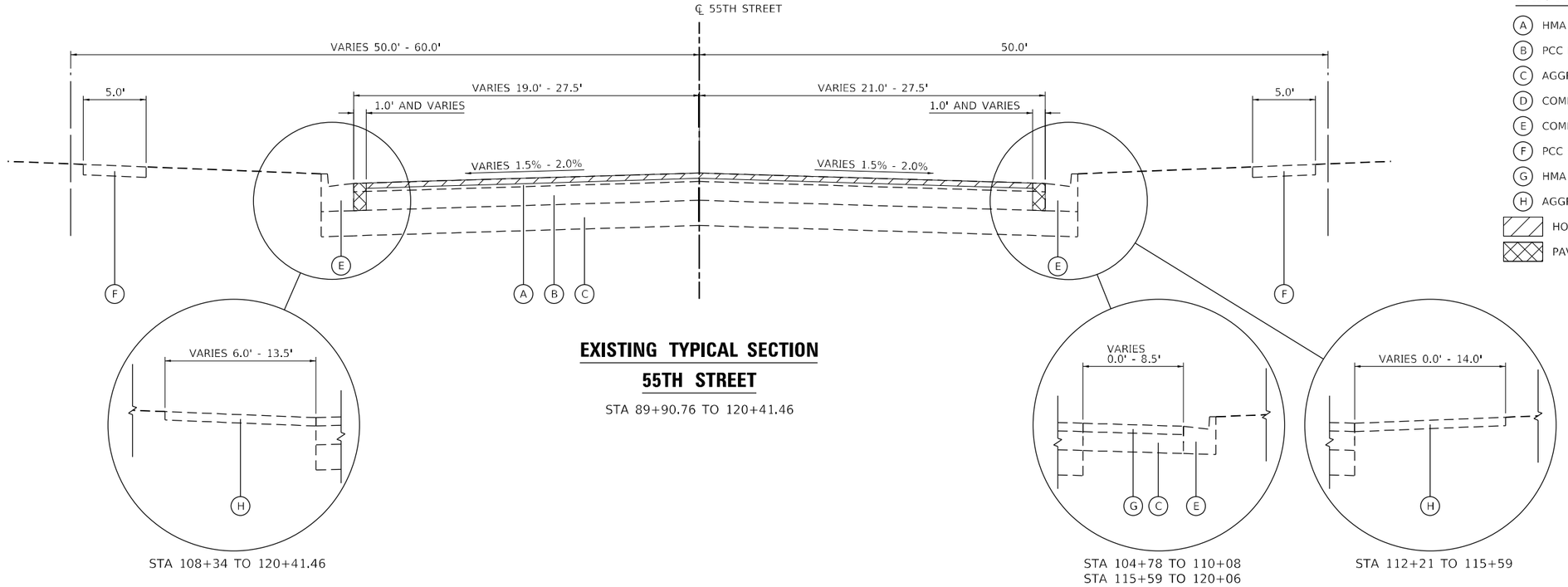
SCALE: | SHEET 15 OF 15 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	18
		CONTRACT NO. 60R50		
	ILLINOIS FED. AID PROJECT			

REV-SEP

EXISTING LEGEND

- (A) HMA PAVEMENT (VARIES 4"-6")
- (B) PCC PAVEMENT (VARIES 9"-12")
- (C) AGGREGATE SUBBASE/SUBGRADE
- (D) COMB. CONCRETE CURB & GUTTER, TYPE B-6.12
- (E) COMB. CONCRETE CURB & GUTTER, TYPE B-6.24
- (F) PCC SIDEWALK, 5"
- (G) HMA SHOULDER, 4"
- (H) AGGREGATE SHOULDER
- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- PAVEMENT REMOVAL



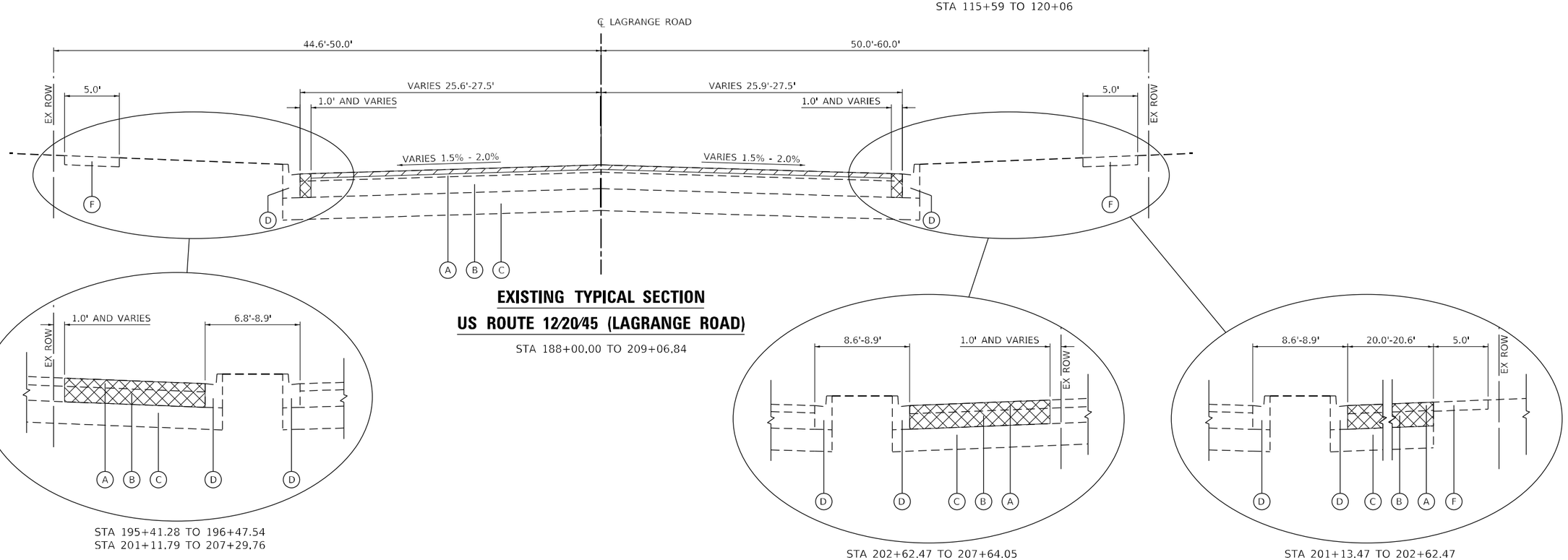
EXISTING TYPICAL SECTION
55TH STREET

STA 89+90.76 TO 120+41.46

STA 108+34 TO 120+41.46

STA 104+78 TO 110+08
STA 115+59 TO 120+06

STA 112+21 TO 115+59



EXISTING TYPICAL SECTION
US ROUTE 12/20/45 (LAGRANGE ROAD)

STA 188+00.00 TO 209+06.84

STA 195+41.28 TO 196+47.54
STA 201+11.79 TO 207+29.76

STA 202+62.47 TO 207+64.05

STA 201+13.47 TO 202+62.47

MODEL: Default
FILE NAME: 121166-sht-typical-ex-01.dgn

BURNS McDONNELL	USER NAME = rjiang	DESIGNED - JAB	REVISED -
		DRAWN - JAB	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - RGJ	REVISED -
	PLOT DATE = 8/5/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS

SCALE: N.T.S. | SHEET 1 OF 6 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	19
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	

HOT–MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
PAVEMENT RESURFACING		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, 9.5, MIX "F", N80 1¾"	3.5% @ 80 GYR.	QCP
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 ¾"	3.5% @ 50 GYR.	QCP
GRADE CORRECTION		
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, VARIABLE DEPTH 1½" TO 2¼"	4% @ 70 GYR.	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, VARIABLE DEPTH 2¼" MIN.	4% @ 90 GYR.	QC/QA
PAVEMENT WIDENING		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, 9.5, MIX "F", N80 1¾"	3.5% @ 80 GYR.	QCP
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 ¾"	3.5% @ 50 GYR.	QCP
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19mm), 8½"	4% @ 90 GYR.	QC/QA
HOT-MIX ASPHALT BASE COURSE WIDENING (HMA BINDER IL-19mm), 8½"	4% @ 90 GYR.	QC/QA
HOT-MIX ASPHALT PRIVATE ENTRANCE (HMA PE)		
HOT-MIX ASPHALT SURFACE COURSE, MIX 'D", N50 (IL-9.5mm) 2"	4% @ 50 GYR.	QC/QA
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19mm, N50) 6"	4% @ 50 GYR.	QC/QA
HOT-MIX ASPHALT COMMERCIAL ENTRANCE (HMA CE)		
HOT-MIX ASPHALT SURFACE COURSE, MIX 'D", N50 (IL-9.5mm) 2"	4% @ 50 GYR.	QC/QA
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19mm, N50) 8"	4% @ 50 GYR.	QC/QA
MAILBOX TURNOUT		
HOT-MIX ASPHALT SURFACE COURSE, MIX 'D", N50 (IL-9.5mm) 2"	4% @ 50 GYR.	QC/QA
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19mm, N50) 6"	4% @ 50 GYR.	QC/QA
TEMPORARY PAVEMENT		
HOT-MIX ASPHALT SURFACE COURSE, MIX 'D", N70 (IL-9.5mm) 2"	4% @ 70 GYR.	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 8"	4% @ 70 GYR.	QC/QA
PATCHING		
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HMA BINDER, IL-19mm)	4% @ 70 GYR.	QC/QA

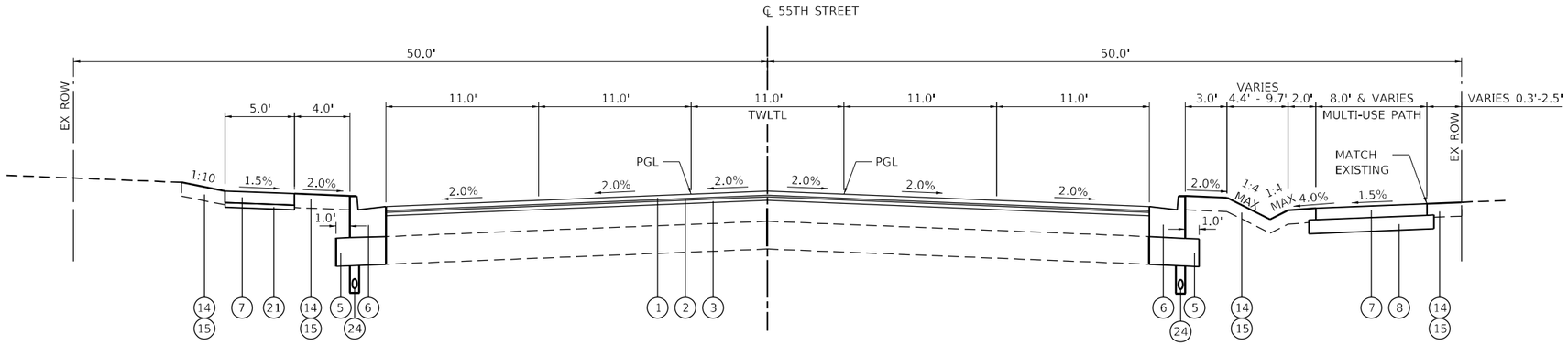
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP)

NOTES:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.
3. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75.

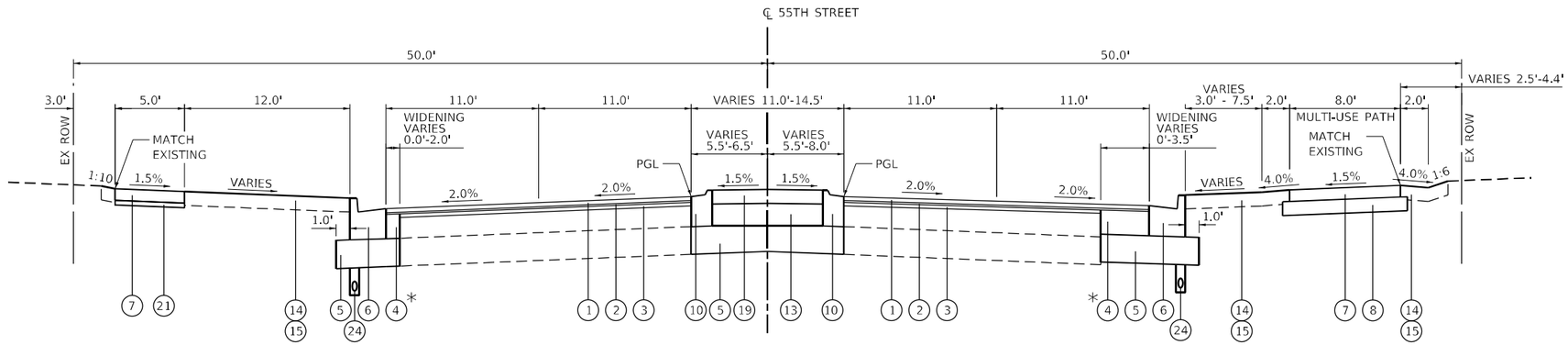
ALTERNATE TEMPORARY PAVEMENT:

PC CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS, PCC PAVEMENT 8" THICK OVER 4" SUBBASE GRANULAR MATERIAL, TYPE B. TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.



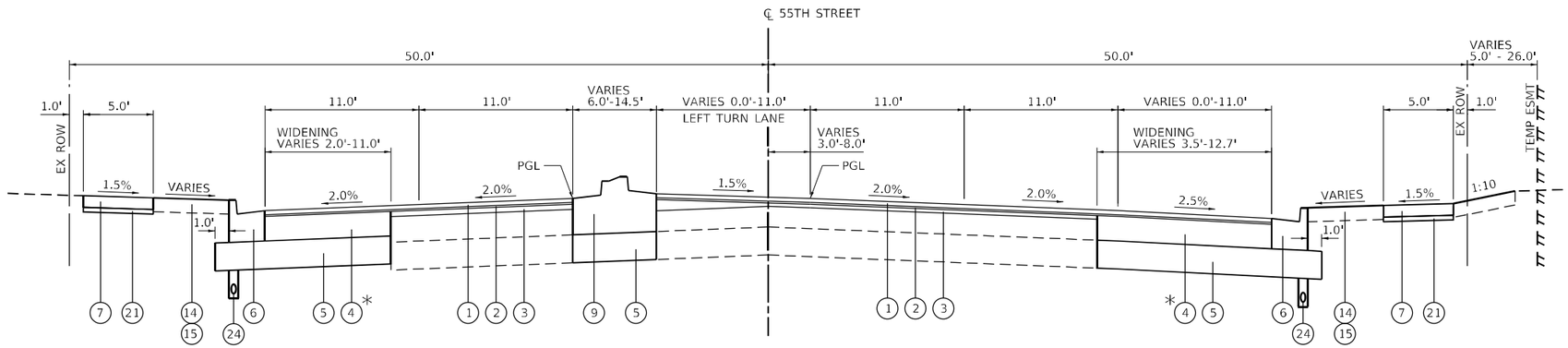
PROPOSED TYPICAL SECTION – 55TH STREET

STA 89+90.76 TO 92+87.02



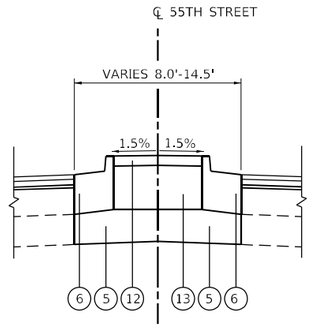
PROPOSED TYPICAL SECTION – 55TH STREET

STA 92+87.02 TO 95+08.73



PROPOSED TYPICAL SECTION – 55TH STREET

STA 95+08.73 TO 100+00.00



MEDIAN DETAIL

STA 95+08.73 TO 96+44.72

PROPOSED LEGEND

1. POLYMERIZED HMA SURFACE COURSE, SMA, 9.5 MIX "F", N80 1¾"
2. POLYMERIZED HMA BINDER COURSE, IL-4.75, N50 ¾"
3. HMA BINDER COURSE, IL-9.5, N70, VARIES 1½" TO 2¼" / HMA BINDER COURSE, IL-19.0, N90, VARIES 2¼" MINIMUM THICKNESS (SEE NOTE 1)
4. HMA BASE COURSE 8½" / HMA BASE COURSE WIDENING 8½"
5. AGGREGATE SUBGRADE IMPROVEMENT 12"
6. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
7. PORTLAND CEMENT CONCRETE SIDEWALK 5"
8. AGGREGATE BASE COURSE, TYPE B 6"
9. CONCRETE MEDIAN, TYPE SB-6.24
10. COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
11. COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12
12. CONCRETE MEDIAN SURFACE, 4"
13. AGGREGATE BASE COURSE, TYPE B
14. TOPSOIL EXCAVATION AND PLACEMENT, 6" / TOPSOIL FURNISH AND PLACE, 6"
15. SODDING, SALT TOLERANT
16. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 2"
17. HOT-MIX ASPHALT BASE COURSE, 6"
18. CONCRETE CURB TYPE B (SPECIAL)
19. CONCRETE MEDIAN SURFACE, 6"
20. STAMPED COLORED PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
21. SUBBASE GRANULAR MATERIAL, TYPE B 2"
22. REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL AGGREGATE SUBGRADE IMPROVEMENT
23. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
24. PIPE UNDERDRAINS, TYPE 2, 4"
25. SUBBASE GRANULAR MATERIAL, TYPE B 4"

NOTES:

1. A VARIABLE DEPTH HMA BINDER COURSE, IL-9.5, N70 AND/OR HMA BINDER COURSE, IL-19.0, N90 SHALL BE USED FOR GRADE CORRECTION. THIS ITEM SHALL BE ELIMINATED IN LOCATIONS WHERE IT IS NOT NECESSARY FOR GRADE CORRECTION. SEE SHEET 36 FOR DETAILS
2. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLYMERIZED HOT-MIX ASPHALT BINDER COURSE IL-4.75.

* FOR WIDENING OF SIX FEET OR LESS USE HMA BASE COURSE WIDENING, 8½"
FOR WIDENING GREATER THAN SIX FEET USE HMA BASE COURSE, 8½"

MODEL: Default
FILE NAME: 121166-sht-typicalsec-01.dgn

BURNS McDONNELL

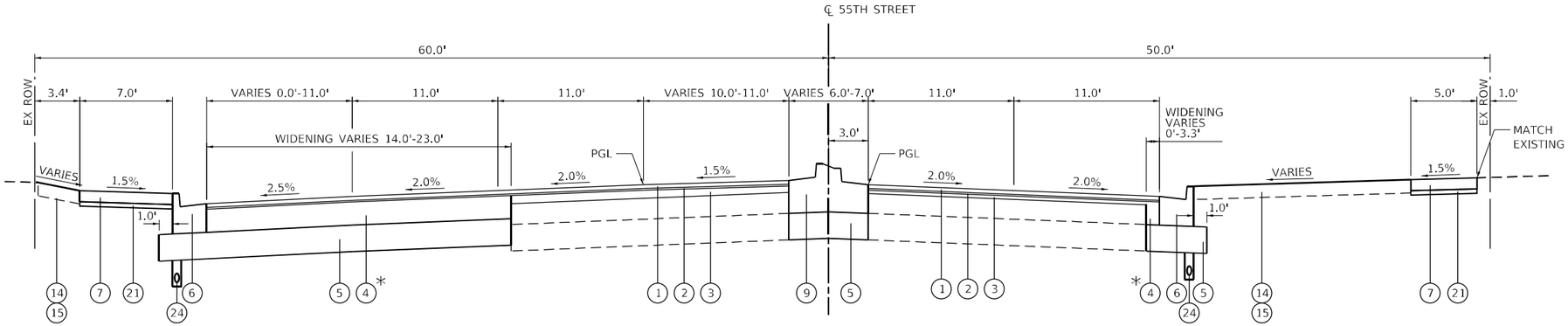
USER NAME = rjiang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - JIR	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET
PROPOSED TYPICAL SECTIONS

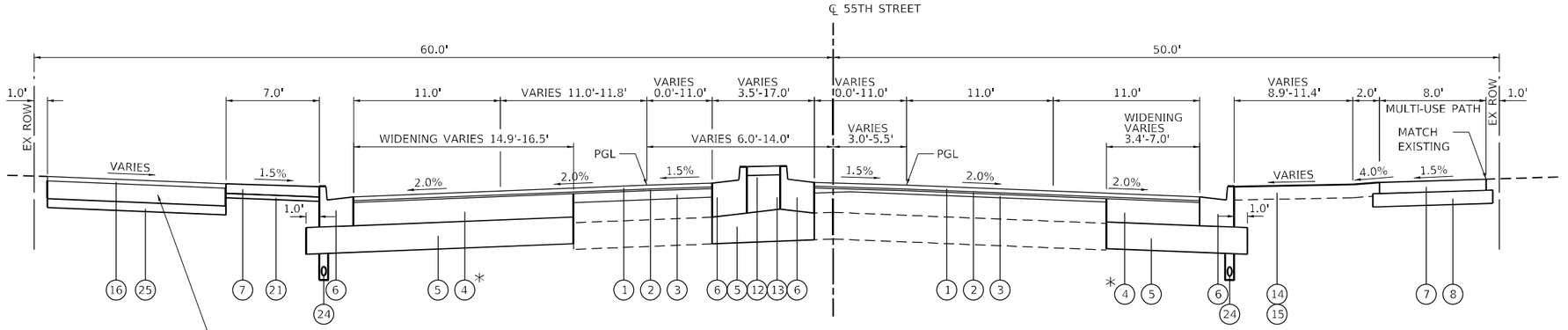
SCALE: N.T.S | SHEET 3 OF 6 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	21
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		



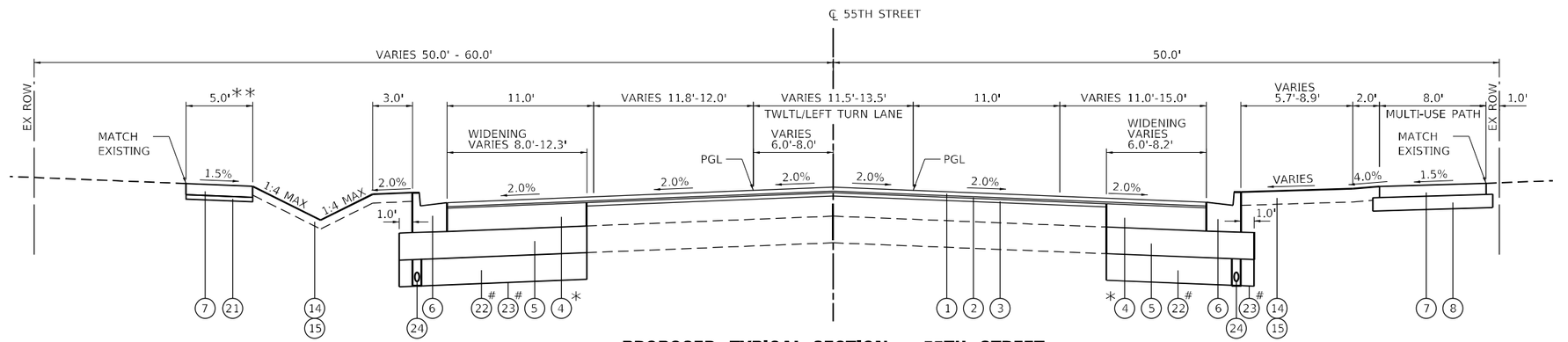
PROPOSED TYPICAL SECTION – 55TH STREET

STA 100+00.00 TO 104+04.21



PROPOSED TYPICAL SECTION – 55TH STREET

STA 104+04.21 TO 108+53.54

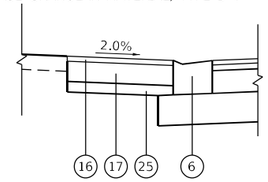


PROPOSED TYPICAL SECTION – 55TH STREET

STA 108+53.54 TO 120+41.46

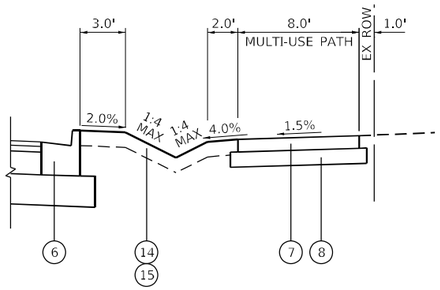
PROPOSED LEGEND

1. POLYMERIZED HMA SURFACE COURSE, SMA, 9.5 MIX "F", N80 1¾"
2. POLYMERIZED HMA BINDER COURSE, IL-4.75, N50 ¾"
3. HMA BINDER COURSE, IL-9.5, N70, VARIES 1½" TO 2¼" / HMA BINDER COURSE, IL-19.0, N90, VARIES 2¼" MINIMUM THICKNESS (SEE NOTE 1)
4. HMA BASE COURSE 8½" / HMA BASE COURSE WIDENING 8½"
5. AGGREGATE SUBGRADE IMPROVEMENT 12"
6. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
7. PORTLAND CEMENT CONCRETE SIDEWALK 5"
8. AGGREGATE BASE COURSE, TYPE B 6"
9. CONCRETE MEDIAN, TYPE SB-6.24
10. COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
11. COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12
12. CONCRETE MEDIAN SURFACE, 4"
13. AGGREGATE BASE COURSE, TYPE B
14. TOPSOIL EXCAVATION AND PLACEMENT, 6" / TOPSOIL FURNISH AND PLACE, 6"
15. SODDING, SALT TOLERANT
16. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 2"
17. HOT-MIX ASPHALT BASE COURSE, 6"
18. CONCRETE CURB TYPE B (SPECIAL)
19. CONCRETE MEDIAN SURFACE, 6"
20. STAMPED COLORED PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
21. SUBBASE GRANULAR MATERIAL, TYPE B 2"
22. REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL AGGREGATE SUBGRADE IMPROVEMENT
23. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
24. PIPE UNDERDRAINS, TYPE 2, 4"
25. SUBBASE GRANULAR MATERIAL, TYPE B 4"



MAILBOX TURNOUT DETAIL

STA 108+44.68 TO 109+53.13
STA 111+27.35 TO 112+90.02



SWALE DETAIL

STA 112+02.79 TO 114+59.86

NOTES:

1. A VARIABLE DEPTH HMA BINDER COURSE, IL-9.5, N70 AND/OR HMA BINDER COURSE, IL-19.0, N90 SHALL BE USED FOR GRADE CORRECTION. THIS ITEM SHALL BE ELIMINATED IN LOCATIONS WHERE IT IS NOT NECESSARY FOR GRADE CORRECTION. SEE SHEET 36 FOR DETAILS
2. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLYMERIZED HOT-MIX ASPHALT BINDER COURSE IL-4.75.

* FOR WIDENING OF SIX FEET OR LESS USE HMA BASE COURSE WIDENING, 8½"
FOR WIDENING GREATER THAN SIX FEET USE HMA BASE COURSE, 8½"

** MAINTAIN EXISTING SIDEWALK FROM STA 107+11.34 TO STA 109+26.75 AND STA 113+77.42 TO STA 119+58.51

\# STA 112+50 TO STA 115+51 (TO ELEV. 648.6) AND STA 118+50 TO STA 120+41 (TO ELEV. 647.7) AT WIDENING SECTIONS AND ADDITIONAL AREAS AS DETERMINED BY THE ENGINEER.

MODEL: Default
FILE NAME: I:\1166-dn-sys\cad\pl-02.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - JIR	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET
PROPOSED TYPICAL SECTIONS

SCALE: N.T.S. | SHEET 4 OF 6 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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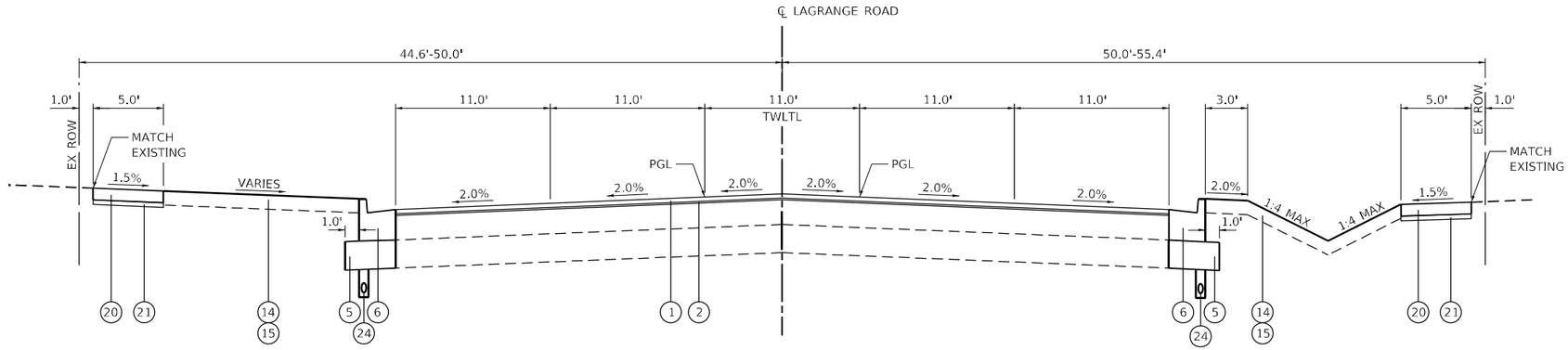
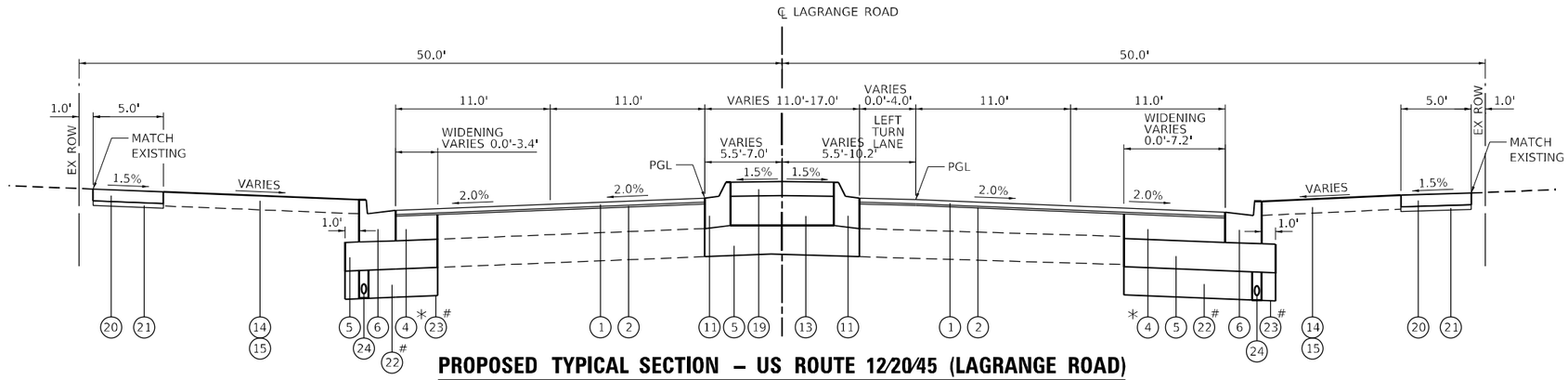
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		



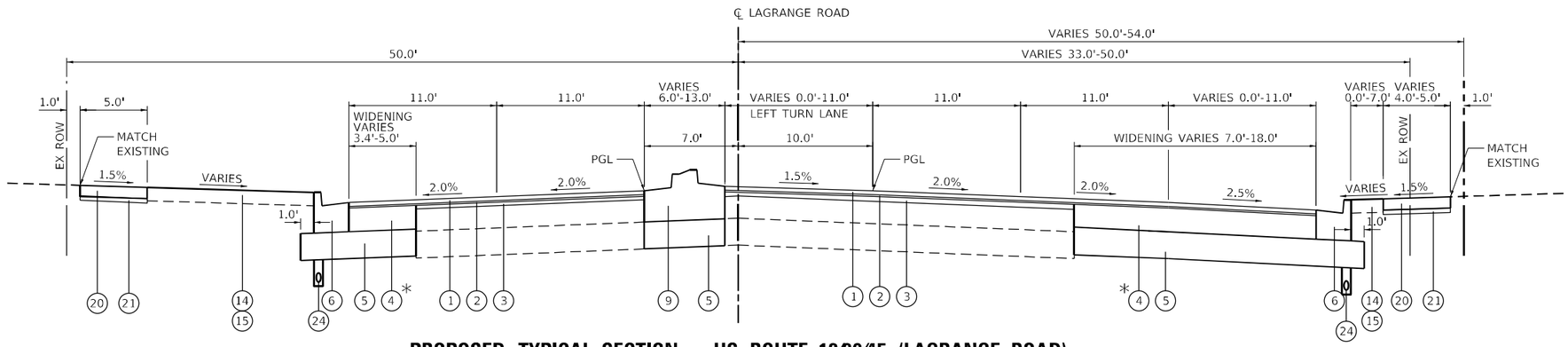
PROPOSED TYPICAL SECTION – US ROUTE 12/20/45 (LAGRANGE ROAD)

STA 188+00.00 TO 190+74.55



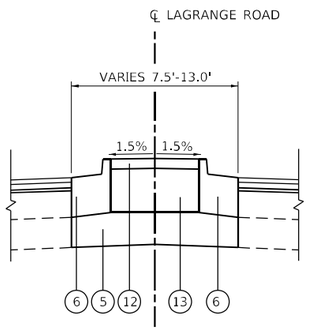
PROPOSED TYPICAL SECTION – US ROUTE 12/20/45 (LAGRANGE ROAD)

STA 190+74.55 TO 193+66.20



PROPOSED TYPICAL SECTION – US ROUTE 12/20/45 (LAGRANGE ROAD)

STA 193+66.20 TO 200+00.00



MEDIAN DETAIL

STA 193+66.20 TO 194+87.07

NOTES:

1. A VARIABLE DEPTH HMA BINDER COURSE, IL-9.5, N70 AND/OR HMA BINDER COURSE, IL-19.0, N90 SHALL BE USED FOR GRADE CORRECTION. THIS ITEM SHALL BE ELIMINATED IN LOCATIONS WHERE IT IS NOT NECESSARY FOR GRADE CORRECTION. SEE SHEET 36 FOR DETAILS
2. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLYMERIZED HOT-MIX ASPHALT BINDER COURSE IL-4.75.

* FOR WIDENING OF SIX FEET OR LESS USE HMA BASE COURSE WIDENING, 8½"
FOR WIDENING GREATER THAN SIX FEET USE HMA BASE COURSE, 8½"

\# STA 189+56 TO STA 192+52 (TO ELEV. 650.6) AT WIDENING SECTIONS AND ADDITIONAL AREAS AS DETERMINED BY THE ENGINEER.

PROPOSED LEGEND

1. POLYMERIZED HMA SURFACE COURSE, SMA, 9.5 MIX "F", N80 1¾"
2. POLYMERIZED HMA BINDER COURSE, IL-4.75, N50 ¾"
3. HMA BINDER COURSE, IL-9.5, N70, VARIES 1½" TO 2¼" / HMA BINDER COURSE, IL-19.0, N90, VARIES 2¼" MINIMUM THICKNESS (SEE NOTE 1)
4. HMA BASE COURSE 8½" / HMA BASE COURSE WIDENING 8½"
5. AGGREGATE SUBGRADE IMPROVEMENT 12"
6. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
7. PORTLAND CEMENT CONCRETE SIDEWALK 5"
8. AGGREGATE BASE COURSE, TYPE B 6"
9. CONCRETE MEDIAN, TYPE SB-6.24
10. COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
11. COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12
12. CONCRETE MEDIAN SURFACE, 4"
13. AGGREGATE BASE COURSE, TYPE B
14. TOPSOIL EXCAVATION AND PLACEMENT, 6" / TOPSOIL FURNISH AND PLACE, 6"
15. SODDING, SALT TOLERANT
16. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 2"
17. HOT-MIX ASPHALT BASE COURSE, 6"
18. CONCRETE CURB TYPE B (SPECIAL)
19. CONCRETE MEDIAN SURFACE, 6"
20. STAMPED COLORED PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
21. SUBBASE GRANULAR MATERIAL, TYPE B 2"
22. REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL AGGREGATE SUBGRADE IMPROVEMENT
23. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
24. PIPE UNDERDRAINS, TYPE 2, 4"
25. SUBBASE GRANULAR MATERIAL, TYPE B 4"

MODEL: Default
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BURNS McDONNELL

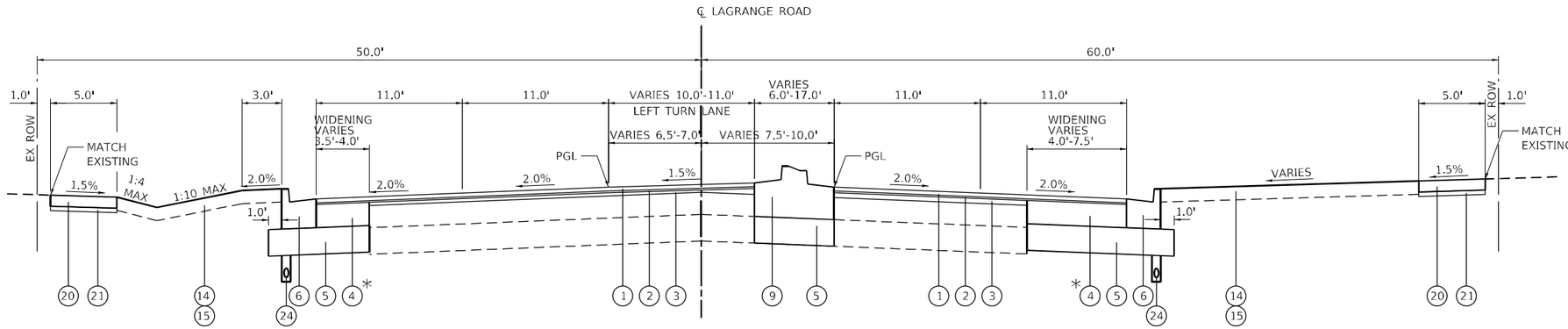
USER NAME = rjiang	DESIGNED - RGJ	REVISED -
	DRAWN - RGJ	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - JIR	REVISED -
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 12/20/45 (LAGRANGE ROAD)
PROPOSED TYPICAL SECTIONS

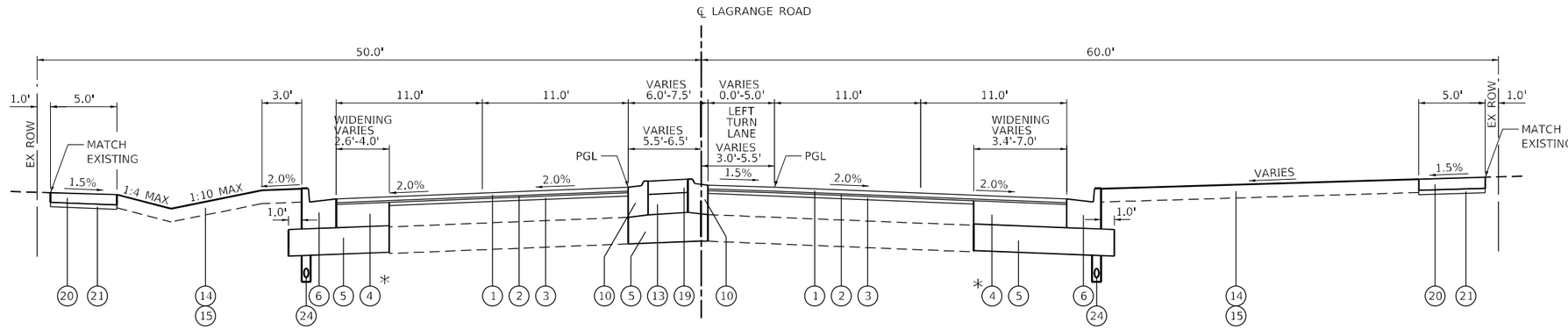
SCALE: N.T.S. | SHEET 5 OF 6 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	23
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	



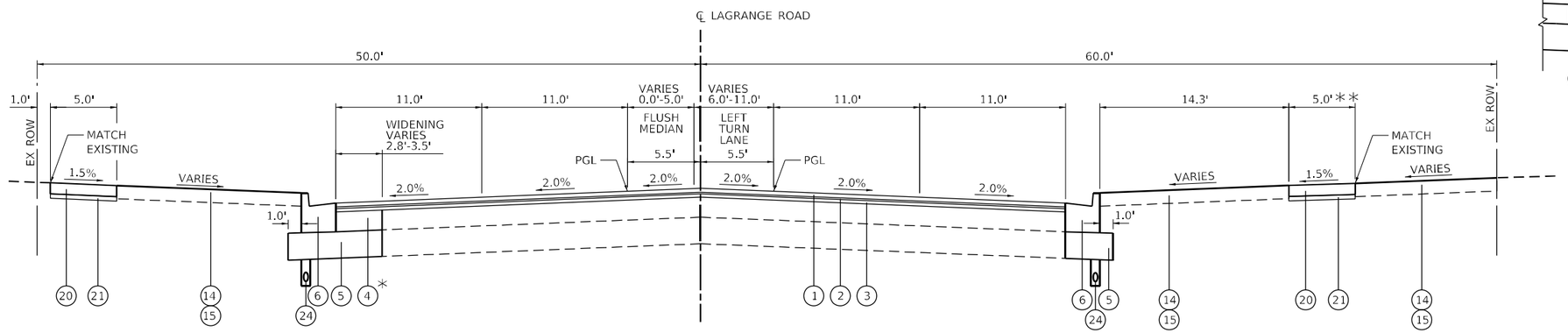
PROPOSED TYPICAL SECTION – US ROUTE 12/20/45 (LAGRANGE ROAD)

STA 200+00.00 TO 204+88.01



PROPOSED TYPICAL SECTION – US ROUTE 12/20/45 (LAGRANGE ROAD)

STA 204+88.01 TO 206+31.26

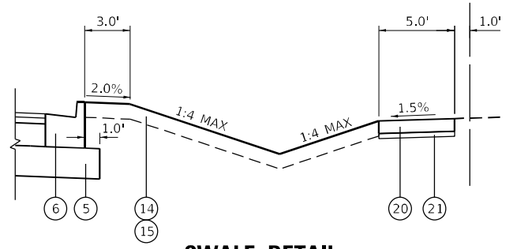


PROPOSED TYPICAL SECTION – US ROUTE 12/20/45 (LAGRANGE ROAD)

STA 206+31.26 TO 209+06.84

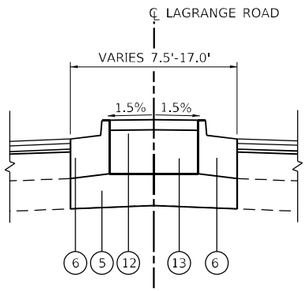
PROPOSED LEGEND

1. POLYMERIZED HMA SURFACE COURSE, SMA, 9.5 MIX "F", N80 1¾"
2. POLYMERIZED HMA BINDER COURSE, IL-4.75, N50 ¾"
3. HMA BINDER COURSE, IL-9.5, N70, VARIES 1½" TO 2¼" / HMA BINDER COURSE, IL-19.0, N90, VARIES 2¼" MINIMUM THICKNESS (SEE NOTE 1)
4. HMA BASE COURSE 8½" / HMA BASE COURSE WIDENING 8½"
5. AGGREGATE SUBGRADE IMPROVEMENT 12"
6. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
7. PORTLAND CEMENT CONCRETE SIDEWALK 5"
8. AGGREGATE BASE COURSE, TYPE B 6"
9. CONCRETE MEDIAN, TYPE SB-6.24
10. COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
11. COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12
12. CONCRETE MEDIAN SURFACE, 4"
13. AGGREGATE BASE COURSE, TYPE B
14. TOPSOIL EXCAVATION AND PLACEMENT, 6" / TOPSOIL FURNISH AND PLACE, 6"
15. SODDING, SALT TOLERANT
16. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 2"
17. HOT-MIX ASPHALT BASE COURSE, 6"
18. CONCRETE CURB TYPE B (SPECIAL)
19. CONCRETE MEDIAN SURFACE, 6"
20. STAMPED COLORED PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
21. SUBBASE GRANULAR MATERIAL, TYPE B 2"
22. REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL AGGREGATE SUBGRADE IMPROVEMENT
23. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
24. PIPE UNDERDRAINS, TYPE 2, 4"
25. SUBBASE GRANULAR MATERIAL, TYPE B 4"



SWALE DETAIL

STA 201+08.21 TO 202+07.74
STA 205+52.17 TO 206+27.76



MEDIAN DETAIL

STA 202+80.04 TO 204+88.01

NOTES:

1. A VARIABLE DEPTH HMA BINDER COURSE, IL-9.5, N70 AND/OR HMA BINDER COURSE, IL-19.0, N90 SHALL BE USED FOR GRADE CORRECTION. THIS ITEM SHALL BE ELIMINATED IN LOCATIONS WHERE IT IS NOT NECESSARY FOR GRADE CORRECTION. SEE SHEET 36 FOR DETAILS
2. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLYMERIZED HOT-MIX ASPHALT BINDER COURSE IL-4.75.

* FOR WIDENING OF SIX FEET OR LESS USE HMA BASE COURSE WIDENING, 8½"
FOR WIDENING GREATER THAN SIX FEET USE HMA BASE COURSE, 8½"

** MAINTAIN EXISTING SIDEWALK FROM STA 208+36.72 TO STA 209+06.84

MODEL: Default
FILE NAME: 121166-dt-typicalsec-04.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - JIR	REVISED -	
PLOT DATE = 8/5/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 12/20/45 (LAGRANGE ROAD)
PROPOSED TYPICAL SECTIONS

SCALE: N.T.S. | SHEET 6 OF 6 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	24
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

EARTHWORK SCHEDULE - 55TH STREET

STATION TO STATION		EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION (4" ESTIMATED THICKNESS)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
		CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
89+90.76	90+00.00	5.0	4.3	0.2	4.1	2.1	0.0
90+00.00	90+50.00	32.6	27.7	0.7	27.0	14.5	0.0
90+50.00	91+00.00	42.7	36.3	0.4	35.9	12.5	0.0
91+00.00	91+50.00	44.4	37.7	0.4	37.3	8.9	0.0
91+50.00	92+00.00	26.6	22.6	0.3	22.3	8.0	0.0
92+00.00	92+50.00	23.7	20.1	0.4	19.7	11.2	0.0
92+50.00	93+00.00	26.3	22.4	0.7	21.7	11.8	0.0
93+00.00	93+50.00	34.2	29.1	0.4	28.7	13.8	0.0
93+50.00	94+00.00	54.8	46.6	0.1	46.5	18.5	0.0
94+00.00	94+50.00	61.8	52.5	0.1	52.4	13.3	0.0
94+50.00	95+00.00	63.2	53.7	0.5	53.2	13.4	0.0
95+00.00	95+50.00	63.3	53.8	0.5	53.3	18.5	0.0
95+50.00	96+00.00	84.9	72.2	0.2	72.0	13.6	0.0
96+00.00	96+50.00	105.7	89.8	0.3	89.5	8.4	0.0
96+50.00	97+00.00	103.6	88.1	0.1	88.0	9.4	0.0
97+00.00	97+50.00	105.8	89.9	0.0	89.9	11.0	0.0
97+50.00	98+00.00	129.3	109.9	0.0	109.9	16.0	0.0
98+00.00	98+50.00	145.9	124.0	0.1	123.9	15.3	0.0
98+50.00	99+00.00	146.4	124.4	0.4	124.0	10.1	0.0
99+00.00	99+50.00	202.1	171.8	15.9	155.9	15.5	0.0
99+50.00	100+00.00	127.6	108.5	15.5	93.0	10.5	0.0
100+00.00	100+50.00	141.7	120.4	22.2	98.2	13.5	0.0
100+50.00	101+00.00	197.4	167.8	27.9	139.9	22.0	0.0
101+00.00	101+50.00	112.4	95.5	7.6	87.9	17.1	0.0
101+50.00	102+00.00	107.3	91.2	2.5	88.7	22.2	0.0
102+00.00	102+50.00	104.7	89.0	0.7	88.3	22.3	0.0
102+50.00	103+00.00	100.8	85.7	11.1	74.6	13.7	0.0
103+00.00	103+50.00	79.2	67.3	17.6	49.7	16.3	0.0
103+50.00	104+00.00	63.7	54.1	6.6	47.5	18.7	0.0
104+00.00	104+50.00	78.0	66.3	2.3	64.0	14.8	0.0
104+50.00	105+00.00	105.5	89.7	3.1	86.6	7.5	0.0
105+00.00	105+50.00	117.5	99.9	1.3	98.6	6.2	0.0
105+50.00	106+00.00	118.8	101.0	0.8	100.2	15.3	0.0
106+00.00	106+50.00	121.2	103.0	0.3	102.7	9.2	0.0
106+50.00	107+00.00	109.6	93.2	3.8	89.4	9.6	0.0
107+00.00	107+50.00	86.3	73.4	10.7	62.7	16.4	0.0
107+50.00	108+00.00	67.6	57.5	9.2	48.3	10.0	0.0
108+00.00	108+50.00	68.9	58.6	6.0	52.6	11.7	0.0
108+50.00	109+00.00	83.2	70.7	5.0	65.7	14.6	0.0
109+00.00	109+50.00	91.1	77.4	2.2	75.2	17.3	0.0
109+50.00	110+00.00	107.8	91.6	4.4	87.2	14.8	0.0
110+00.00	110+50.00	120.8	102.7	3.6	99.1	9.6	0.0
110+50.00	111+00.00	116.7	99.2	1.1	98.1	18.1	0.0
111+00.00	111+50.00	116.7	99.2	1.4	97.8	25.0	0.0
111+50.00	112+00.00	99.4	84.5	2.3	82.2	20.5	0.0
112+00.00	112+50.00	77.8	66.1	18.5	47.6	16.0	22.5
112+50.00	113+00.00	57.2	48.6	26.6	22.0	14.0	49.5
113+00.00	113+50.00	44.7	38.0	13.5	24.5	14.3	48.6
113+50.00	114+00.00	70.6	60.0	4.6	55.4	17.3	42.5
114+00.00	114+50.00	95.8	81.4	1.9	79.5	17.8	39.1
114+50.00	115+00.00	103.7	88.1	0.8	87.3	17.8	36.0
115+00.00	115+50.00	91.0	77.4	2.3	75.1	13.9	38.6
115+50.00	116+00.00	77.0	65.5	2.7	62.8	13.0	20.7
116+00.00	116+50.00	82.3	70.0	2.6	67.4	14.1	0.0
116+50.00	117+00.00	86.6	73.6	5.8	67.8	12.1	0.0
117+00.00	117+50.00	86.8	73.8	5.6	68.2	9.0	0.0
117+50.00	118+00.00	98.5	83.7	2.6	81.1	10.8	0.0
118+00.00	118+50.00	104.8	89.1	2.7	86.4	10.8	34.8
118+50.00	119+00.00	94.3	80.2	4.2	76.0	9.3	70.7
119+00.00	119+50.00	69.9	59.4	7.8	51.6	10.3	71.9
119+50.00	120+00.00	57.7	49.0	17.5	31.5	9.3	69.0
120+00.00	120+41.46	42.4	36.0	22.9	13.1	11.4	62.7
SUB-TOTAL		5,487	4,664	334	4,331	844	607

EARTHWORK SCHEDULE - US ROUTE 12/20/45 (LAGRANGE ROAD)

STATION TO STATION		EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION (4" ESTIMATED THICKNESS)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
		CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
188+00.00	188+50.00	26.4	22.4	2.3	20.1	11.0	0.0
188+50.00	189+00.00	27.3	23.2	2.3	20.9	7.5	0.0
189+00.00	189+50.00	28.9	24.6	0.8	23.8	13.4	0.0
189+50.00	190+00.00	27.9	23.7	0.6	23.1	16.7	0.0
190+00.00	190+50.00	24.9	21.2	0.5	20.7	12.3	0.0
190+50.00	191+00.00	31.5	26.8	1.3	25.5	11.5	17.4
191+00.00	191+50.00	44.2	37.6	2.3	35.3	11.4	40.1
191+50.00	192+00.00	52.2	44.4	1.4	43.0	12.9	50.7
192+00.00	192+50.00	67.2	57.1	0.1	57.0	18.0	60.7
192+50.00	193+00.00	73.4	62.4	2.2	60.2	14.8	32.8
193+00.00	193+50.00	68.2	58.0	2.2	55.8	5.8	0.0
193+50.00	194+00.00	65.2	55.4	0.0	55.4	4.7	0.0
194+00.00	194+50.00	63.3	53.8	0.6	53.2	14.4	0.0
194+50.00	195+00.00	51.0	43.4	6.6	36.8	9.8	0.0
195+00.00	195+50.00	47.8	40.6	7.8	32.8	4.3	0.0
195+50.00	196+00.00	50.6	43.0	10.4	32.6	6.0	0.0
196+00.00	196+50.00	64.9	55.2	8.7	46.5	6.1	0.0
196+50.00	197+00.00	86.5	73.5	0.1	73.4	9.8	0.0
197+00.00	197+50.00	113.2	96.2	0.0	96.2	15.3	0.0
197+50.00	198+00.00	135.2	114.9	0.0	114.9	19.7	0.0
198+00.00	198+50.00	104.0	88.4	0.1	88.3	9.8	0.0
198+50.00	199+00.00	80.2	68.2	2.2	66.0	0.0	0.0
199+00.00	199+50.00	204.3	173.7	8.8	164.9	18.3	0.0
199+50.00	200+00.00	162.5	138.1	6.6	131.5	18.3	0.0
200+00.00	200+50.00	136.4	115.9	3.8	112.1	12.2	0.0
200+50.00	201+00.00	158.2	134.5	22.1	112.4	12.2	0.0
201+00.00	201+50.00	52.1	44.3	26.2	18.1	3.5	0.0
201+50.00	202+00.00	60.4	51.3	22.6	28.7	7.0	0.0
202+00.00	202+50.00	50.8	43.2	25.8	17.4	4.2	0.0
202+50.00	203+00.00	43.3	36.8	34.1	2.7	2.4	0.0
203+00.00	203+50.00	50.6	43.0	54.4	-11.4	4.3	0.0
203+50.00	204+00.00	53.7	45.6	48.8	-3.2	2.6	0.0
204+00.00	204+50.00	59.7	50.7	43.2	7.5	3.5	0.0
204+50.00	205+00.00	67.8	57.6	38.3	19.3	6.9	0.0
205+00.00	205+50.00	56.1	47.7	41.7	6.0	5.8	0.0
205+50.00	206+00.00	36.1	30.7	51.8	-21.1	3.5	0.0
206+00.00	206+50.00	35.7	30.3	55.9	-25.6	9.1	0.0
206+50.00	207+00.00	36.5	31.0	78.0	-47.0	9.8	0.0
207+00.00	207+50.00	24.5	20.8	62.8	-42.0	3.7	0.0
207+50.00	208+00.00	26.1	22.2	19.9	2.3	6.7	0.0
208+00.00	208+50.00	36.2	30.8	1.6	29.2	13.0	0.0
208+50.00	209+00.00	27.9	23.7	0.2	23.5	16.1	0.0
209+00.00	209+06.84	2.1	1.8	0.0	1.8	2.2	0.0
SUB-TOTAL		2,715	2,308	699	1,609	401	202

EARTHWORK SUMMARY

LOCATION	20200100 EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	21101505 TOPSOIL EXCAVATION AND PLACEMENT	20201200 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
55TH STREET	5,487	4,664	334	4,331	844	607
US ROUTE 12/20/45 (LAGRANGE ROAD)	2,715	2,308	699	1,609	401	202
ADDITIONAL QUANTITY						799
TOTAL	8,202	6,972	1,033	5,939	1,244	1,607

MODEL: Default
FILE NAME: I:\166-4th-schd-ew01.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - WLM	REVISED -	
	DRAWN - WLM	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - RGJ	REVISED -	
PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
EARTHWORK ITEMS

SCALE: | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	25
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

BENCHMARK #89

TOP PENT NUT OF FIRE HYDRANT AT NW CORNER OF 55TH ST AND CATHERINE AVE
NEAR STA. 89+52, 55.8' LT
ELEVATION: 661.42

BENCHMARK #3

CHISELED "X" ON NE CORNER OF TRAFFIC SIGNAL CONTROLLER BOX PAD AT SW CORNER OF 55TH ST AND LAGRANGE RD
NEAR STA. 99+53, 59.3' RT
ELEVATION: 652.91

BENCHMARK #102

PENT NUT OF FIRE HYDRANT AT NW CORNER OF 55TH STREET AND 8TH AVE
NEAR STA. 109+73, 59.0' LT
ELEVATION: 652.59

BENCHMARK #116

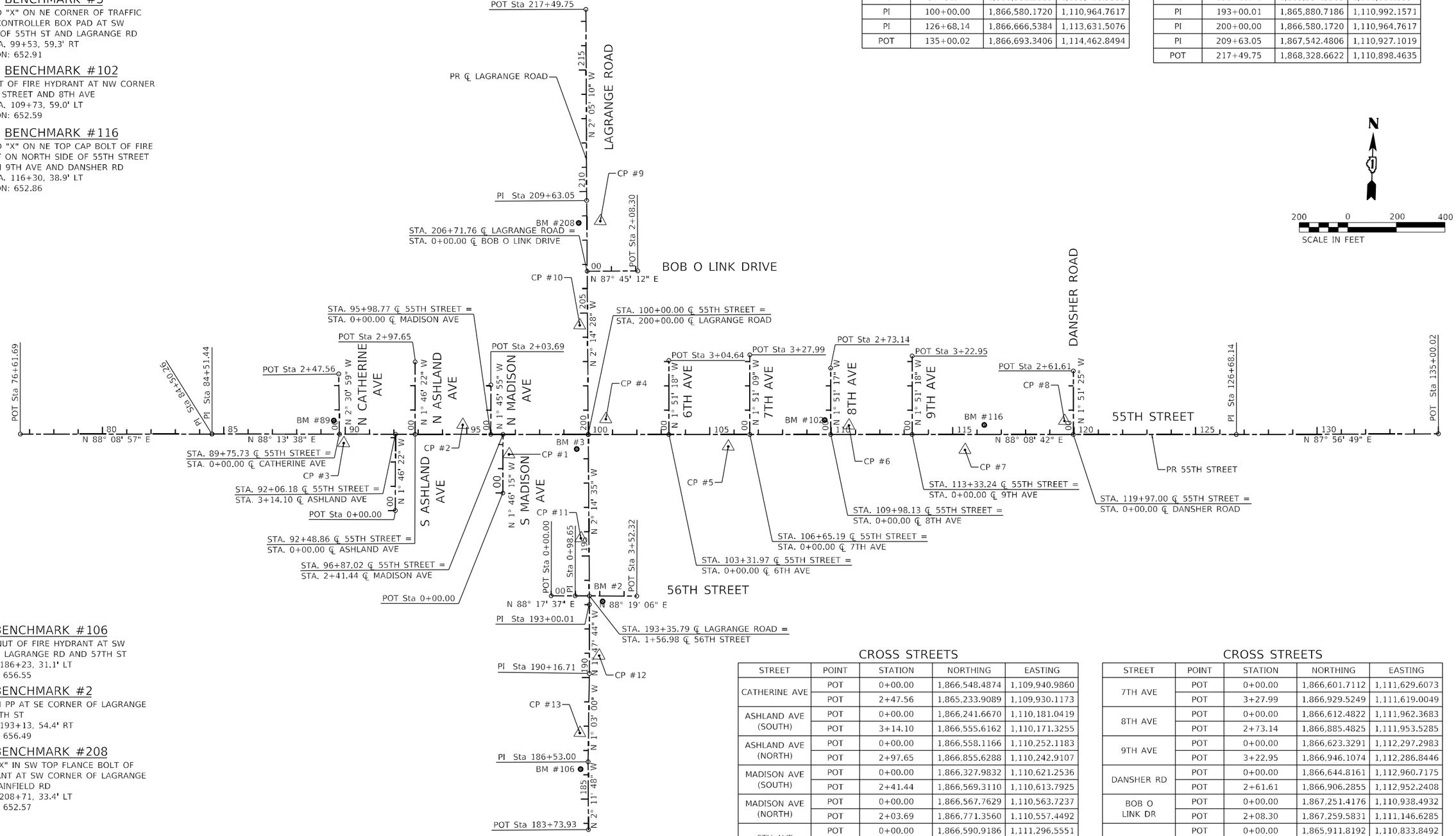
CHISELED "X" ON NE TOP CAP BOLT OF FIRE HYDRANT ON NORTH SIDE OF 55TH STREET BETWEEN 9TH AVE AND DANSHER RD
NEAR STA. 116+30, 38.9' LT
ELEVATION: 652.86

55TH STREET

POINT	STATION	NORTHING	EASTING
POT	76+61.69	1,866,506.1488	1,108,627.7993
PI	84+50.26	1,866,531.6163	1,109,415.9640
PI	84+51.44	1,866,532.2689	1,109,416.9393
PI	100+00.00	1,866,580.1720	1,110,964.7617
PI	126+68.14	1,866,666.5384	1,113,631.5076
POT	135+00.02	1,866,693.3406	1,114,462.8494

US ROUTE 12/20/45 (LAGRANGE ROAD)

POINT	STATION	NORTHING	EASTING
POT	183+73.93	1,864,955.0476	1,111,018.3963
PI	186+53.00	1,865,233.9089	1,111,007.6994
PI	190+16.71	1,865,597.5585	1,111,001.0337
PI	193+00.01	1,865,880.7186	1,110,992.1571
PI	200+00.00	1,866,580.1720	1,110,964.7617
PI	209+63.05	1,867,542.4806	1,110,927.1019
POT	217+49.75	1,868,328.6622	1,110,898.4635



BENCHMARK #106

TOP PENT NUT OF FIRE HYDRANT AT SW CORNER OF LAGRANGE RD AND 57TH ST
NEAR STA. 186+23, 31.1' LT
ELEVATION: 656.55

BENCHMARK #2

RR SPIKE IN PP AT SE CORNER OF LAGRANGE RD AND 56TH ST
NEAR STA. 193+13, 54.4' RT
ELEVATION: 656.49

BENCHMARK #208

CHISELED "X" IN SW TOP FLANCE BOLT OF FIRE HYDRANT AT SW CORNER OF LAGRANGE RD AND PLAINFIELD RD
NEAR STA. 208+71, 33.4' LT
ELEVATION: 652.57

CROSS STREETS

STREET	POINT	STATION	NORTHING	EASTING
CATHERINE AVE	POT	0+00.00	1,866,548.4874	1,109,940.9860
	POT	2+47.56	1,865,233.9089	1,109,930.1173
ASHLAND AVE (SOUTH)	POT	0+00.00	1,866,241.6670	1,110,181.0419
	POT	3+14.10	1,866,555.6162	1,110,171.3255
ASHLAND AVE (NORTH)	POT	0+00.00	1,866,558.1166	1,110,252.1183
	POT	2+97.65	1,866,855.6288	1,110,242.9107
MADISON AVE (SOUTH)	POT	0+00.00	1,866,327.9832	1,110,621.2536
	POT	2+41.44	1,866,569.3110	1,110,613.7925
MADISON AVE (NORTH)	POT	0+00.00	1,866,567.7629	1,110,563.7237
	POT	2+03.69	1,866,771.3560	1,110,557.4492
6TH AVE	POT	0+00.00	1,866,590.9186	1,111,296.5551
	POT	3+04.64	1,866,895.3960	1,111,286.6942

CROSS STREETS

STREET	POINT	STATION	NORTHING	EASTING
7TH AVE	POT	0+00.00	1,866,601.7112	1,111,629.6073
	POT	3+27.99	1,866,929.5249	1,111,619.0049
8TH AVE	POT	0+00.00	1,866,612.4822	1,111,962.3683
	POT	2+73.14	1,866,885.4825	1,111,953.5285
9TH AVE	POT	0+00.00	1,866,623.3291	1,112,297.2983
	POT	3+22.95	1,866,946.1074	1,112,286.8446
DANSHER RD	POT	0+00.00	1,866,644.8161	1,112,960.7175
	POT	2+61.61	1,866,906.2855	1,112,952.2408
BOB O LINK DR	POT	0+00.00	1,867,251.4176	1,110,938.4932
	POT	2+08.30	1,867,259.5831	1,111,146.6285
56TH ST	POT	0+00.00	1,865,911.8192	1,110,833.8492
	POT	0+98.65	1,865,914.7571	1,110,932.4595
	POT	3+52.32	1,865,922.2010	1,111,186.0130

NOTE: VERTICAL DATUM IS NAVD88.

MODEL: Default
FILE NAME: 12166-ihl-tllyr-01.dgn

BURNS McDONNELL

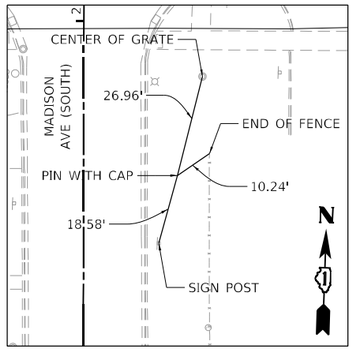
USER NAME = rjlang	DESIGNED - RGJ	REVISED -	
	DRAWN - JAB	REVISED -	
PLOT SCALE = 400.0000 ' / in.	CHECKED - JIR	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

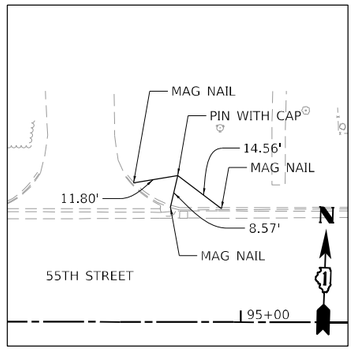
ALIGNMENTS, TIES AND BENCHMARKS
55TH STREET AND US ROUTE 12/20/45 (LAGRANGE ROAD)

SCALE: 1" = 200' | SHEET 1 OF 2 SHEETS | STA. | TO STA.

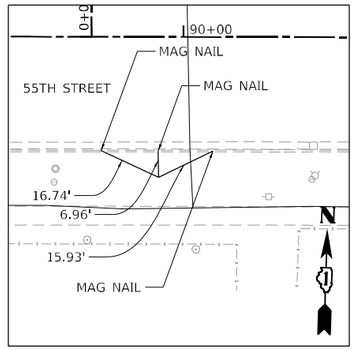
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	26
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		



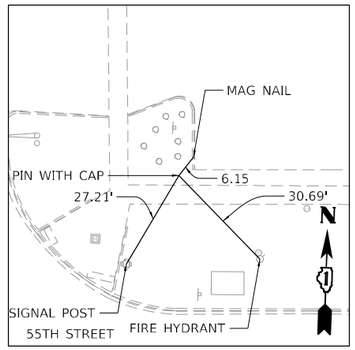
CONTROL POINT #1
SET PIN W/CAP SE QUAD OF 55TH ST AND MADISON AVE, +/- 82'S. OF 55TH ST. CL AND +/- 25' E. MADISON ST. CL
STA 96+73.64, 82.25' RT
N 1,866,487.866
E 1,110,641.103
EL 651.49



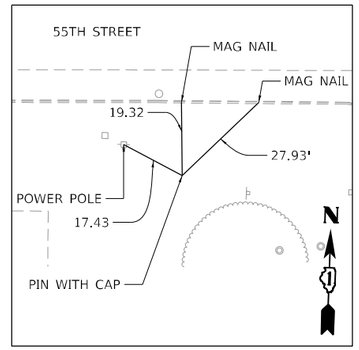
CONTROL POINT #2
SET PIN W/CAP IN FRONT YARD OF 5854 55TH ST. N. SIDE OF ROAD, E. SIDE OF DRIVEWAY
STA 94+83.26, 38.69' LT
N 1,866,602.855
E 1,110,447.074
EL 652.89



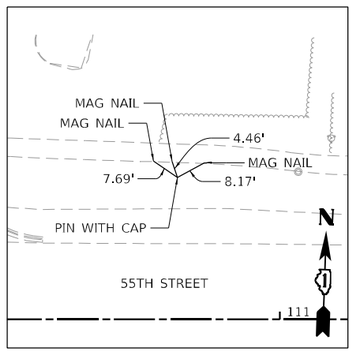
CONTROL POINT #3
SET PIN W/CAP IN BLVD S. SIDE OF 55TH. +/- 150' E OF CATHERINE AVE. CL, +/- 6' N. OF BOC
STA 89+93.48, 37.11' RT
N 1,866,511.946
E 1,110,959.876
EL 658.76



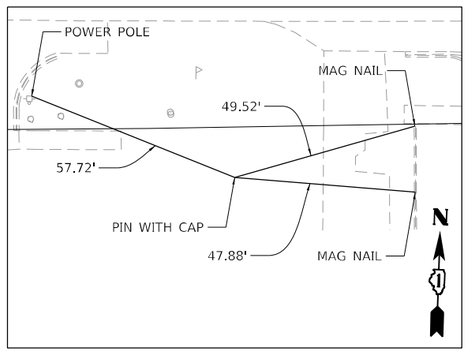
CONTROL POINT #4
SET PIN W/CAP IN BLVD S. SIDE OF 55TH. +/- 150' E OF CATHERINE AVE. CL, +/- 6' N. OF BOC
STA 89+93.48, 37.11' RT
N 1,866,511.946
E 1,110,959.876
EL 658.76



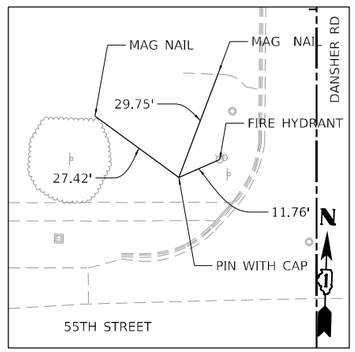
CONTROL POINT #5
SET PIN W/CAP S. SIDE OF 55TH ST. +/-50' E. OF NAPA AUTO PARTS ENTRANCE AND +/- 19' S OF 55TH ST. BOC
STA 105+76.44, 49.34' RT
N 1,866,549.521
E 1,111,542.501
EL 652.63



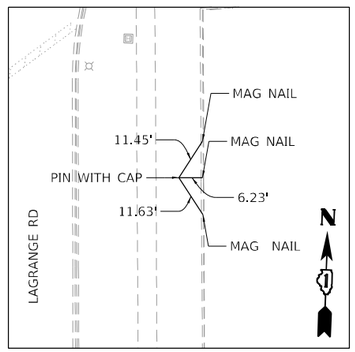
CONTROL POINT #6
SET PIN W/CAP N. SIDE OF 55TH ST. +/-80' E OF 8TH ST. CL, +/- S. FACE OF SIDEWALK
STA 110+72.93, 37.46' LT
N 1,866,652.338
E 1,112,035.917
EL 651.28



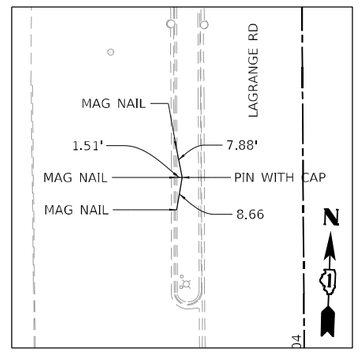
CONTROL POINT #7
SET PIN W/CAP +/- 50' S. OF 55TH ST. E. EOP IN E. VACANT LOT BETWEEN 9685 & 9801 55TH ST.
STA 115+51.23, 63.50' RT
N 1,866,566.921
E 1,112,517.231
EL 650.84



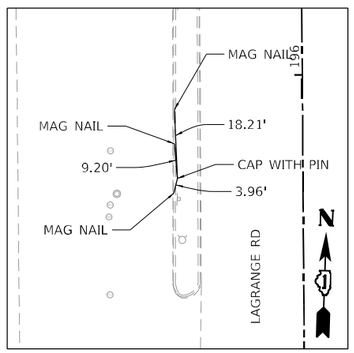
CONTROL POINT #8
SET PIN W/CAP NW. QUAD OF DANSHER INDUSTRIAL PARK RD.,+/-40' W. OF DANSHER RD. CL, +/- 6' N. BACK OF SIDEWALK
STA 119+60.62, 55.63' LT
N 1,866,699.234
E 1,112,922.551
EL 650.84



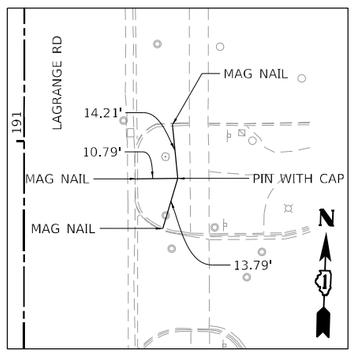
CONTROL POINT #9
SET PIN W/CAP SE. QUAD OF LAGRANGE RD. AND PLAINFIELD RD., +/-50' S. OF NW. CORNER DOTTY'S PARKING LOT, +/- 4' W OF DOTTY'S BOC
STA 208+78.01, 55.62' RT
N 1,867,459.315
E 1,110,986.018
EL 651.96



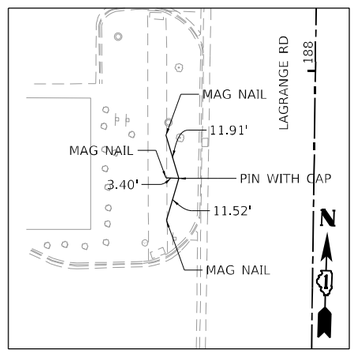
CONTROL POINT #10
SET PIN W/CAP S. IN ISLAND BLVD BETWEEN 5410 & 5412 LAGRANGE RD. W. SIDE OF RD., +/- 2' E. OF BOC
STA 204+49.54, 31.93' LT
N 1,867,208.123
E 1,110,915.279
EL 650.17



CONTROL POINT #11
SET PIN W/CAP IN ISLAND BLVD BETWEEN 5436 & 5430 LAGRANGE RD. W. SIDE OF RD., +/- 1.5' E. OF PARKING LOT SIDE BOC
STA 195+72.91, 33.15' LT
N 1,866,152.112
E 1,110,948.353
EL 655.655.52



CONTROL POINT #12
SET PIN W/CAP IN ISLAND BLVD BETWEEN 5621 & 5430 LAGRANGE RD. E. SIDE OF RD., +/- 3' OF SIDEWALK, +/-7' E. OF BOC
STA 190+90.17, 40.54' RT
N 1,865,672.248
E 1,111,039.252
EL 654.41



CONTROL POINT #13
SET PIN W/CAP IN BLVD E. OF 5656 LAGRANGE RD., +/- 3' E. OF SIDEWALK, +/- 5' W. OF BOC W. SIDE OF RD.
STA 187+71.15, 35.67' LT
N 1,865,351.386
E 1,110,969.867
EL 652.32

MODEL: Default
FILE NAME: 121166-fhl-tlln-d02.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - RGJ	REVISED -
	DRAWN - JAB	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - JIR	REVISED -
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

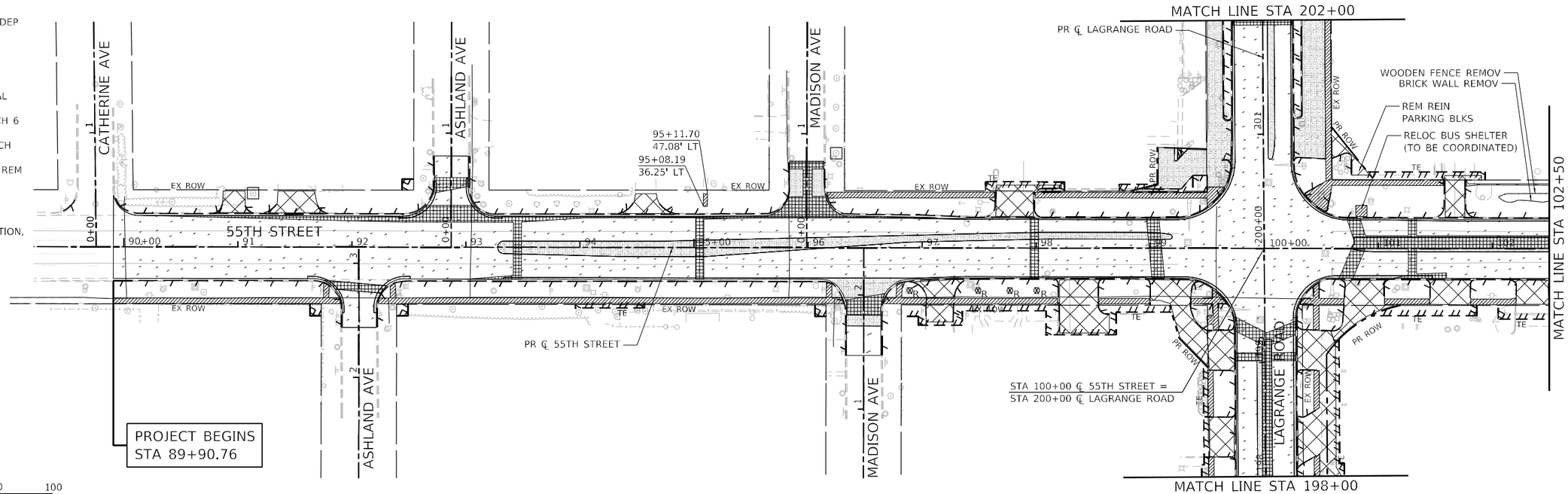
ALIGNMENT, TIES AND BENCHMARKS
CONTROL POINTS

SCALE: 1" = 20' | SHEET 2 OF 2 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	27
		CONTRACT NO. 60R50		
	ILLINOIS FED. AID PROJECT			

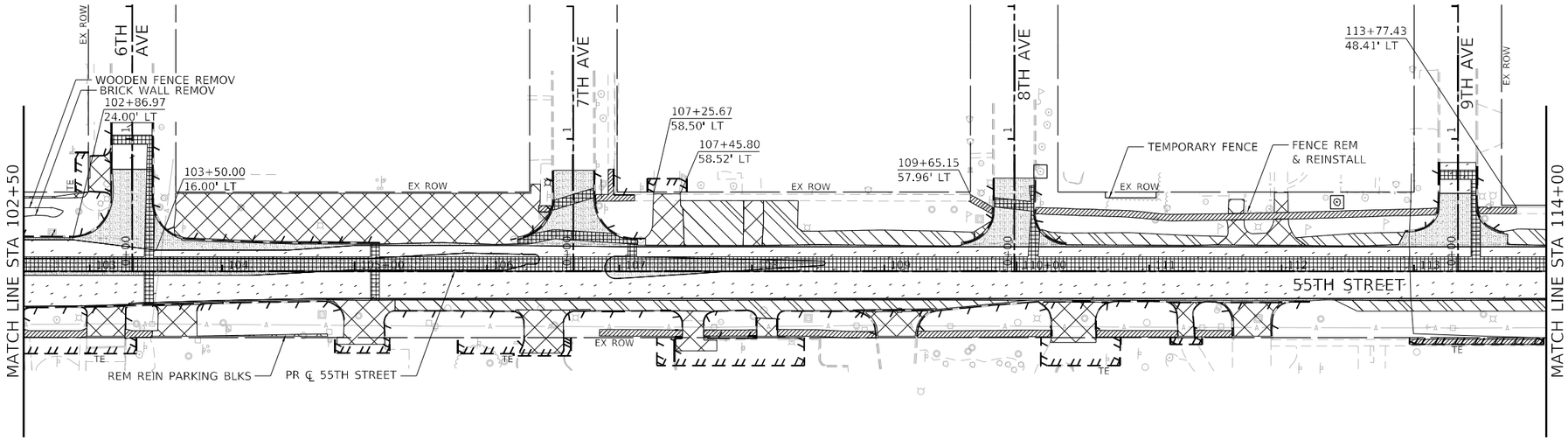
REMOVAL LEGEND

- PAVEMENT REMOVAL
- HMA SURF REM VAR DEP
- DRIVEWAY PAVT REM
- SIDEWALK REM
- PAVED SHLD REMOVAL
- HMA REM OVER PATCH 6
  CL C PATCH 9
  HMA REPL OVER PATCH
- COMB CURB GUTTER REM
- TREE TRANSPLANT
- TREE TRUNK PROTECTION, TREE ROOT PRUNING
- TEMPORARY FENCE



REMOVAL LEGEND

- PAVEMENT REMOVAL
- HMA SURF REM VAR DEP
- DRIVEWAY PAVT REM
- SIDEWALK REM
- PAVED SHLD REMOVAL
- HMA REM OVER PATCH 6
  CL C PATCH 9
  HMA REPL OVER PATCH
- COMB CURB GUTTER REM
- TREE TRANSPLANT
- TREE TRUNK PROTECTION, TREE ROOT PRUNING
- TEMPORARY FENCE



MODEL: Default
FILE NAME: 121166-sht-rem-01.dgn

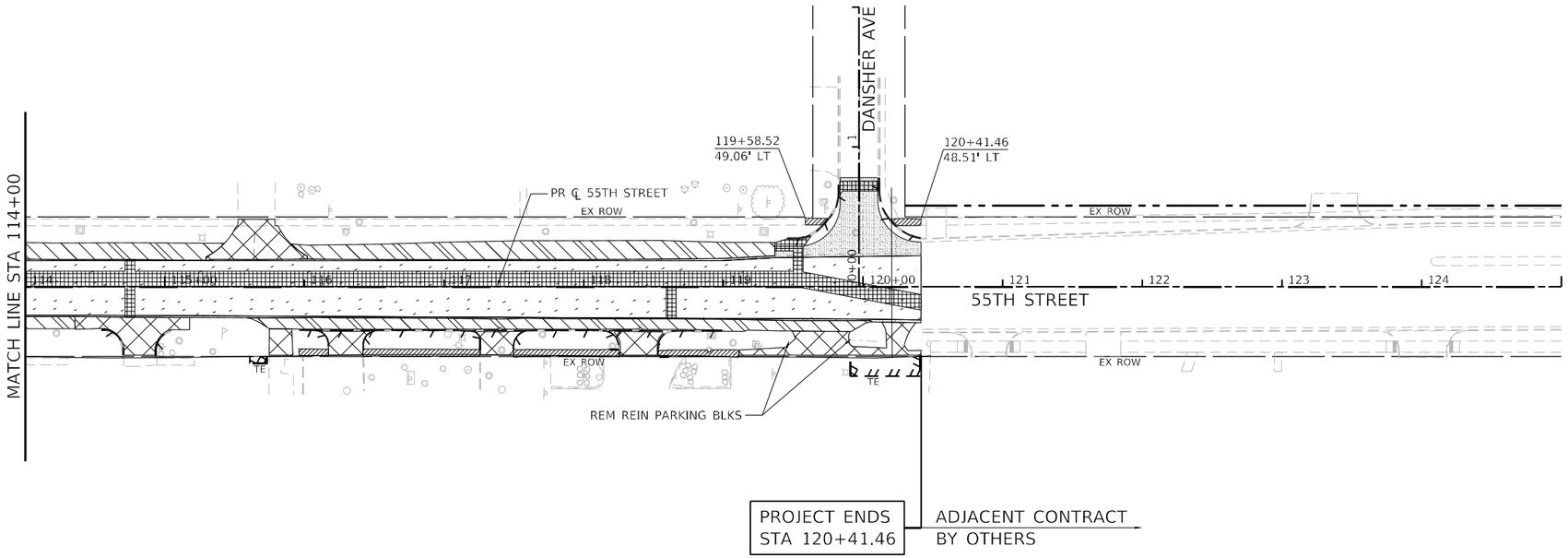
EFK•Moen Civil Engineering Design	USER NAME = rjiang	DESIGNED - MS	REVISED -
		DRAWN - MS	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED -
	PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET
REMOVAL PLAN

SCALE: 1" = 50' | SHEET 1 OF 3 SHEETS | STA. 89+90.76 TO STA. 114+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	28
		CONTRACT NO. 60R50		
		ILLINOIS FED. AID PROJECT		



REMOVAL LEGEND

- PAVEMENT REMOVAL
- HMA SURF REM VAR DEP
- DRIVEWAY PAVT REM
- SIDEWALK REM
- PAVED SHLD REMOVAL
- HMA REM OVER PATCH 6
  CL C PATCH 9
  HMA REPL OVER PATCH
- COMB CURB GUTTER REM
- TREE TRANSPLANT
- TREE TRUNK PROTECTION, TREE ROOT PRUNING
- TEMPORARY FENCE

N

50 0 50 100
SCALE IN FEET

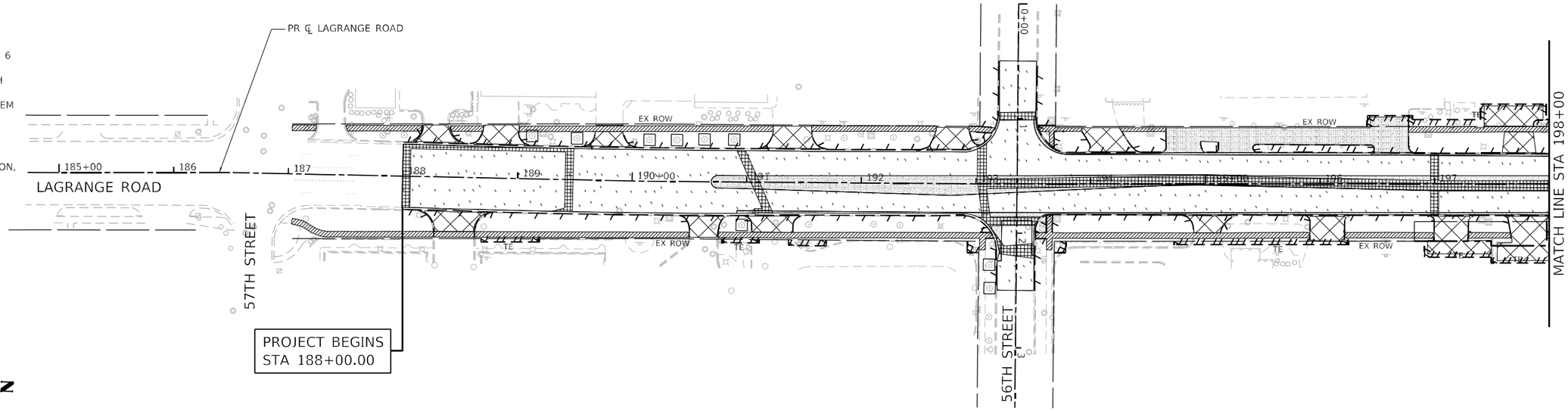
MODEL: Default
FILE NAME: 121166-sht-rem-02.dgn

EFK•Moen Civil Engineering Design	USER NAME = rjiang	DESIGNED - MS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	55TH STREET REMOVAL PLAN
		DRAWN - MS	REVISED -		
	PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED -		
	PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -		SCALE: 1" = 50' SHEET 2 OF 3 SHEETS STA. 114+00 TO STA. 120+41.46

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	29
		CONTRACT NO. 60R50		
		ILLINOIS FED. AID PROJECT		

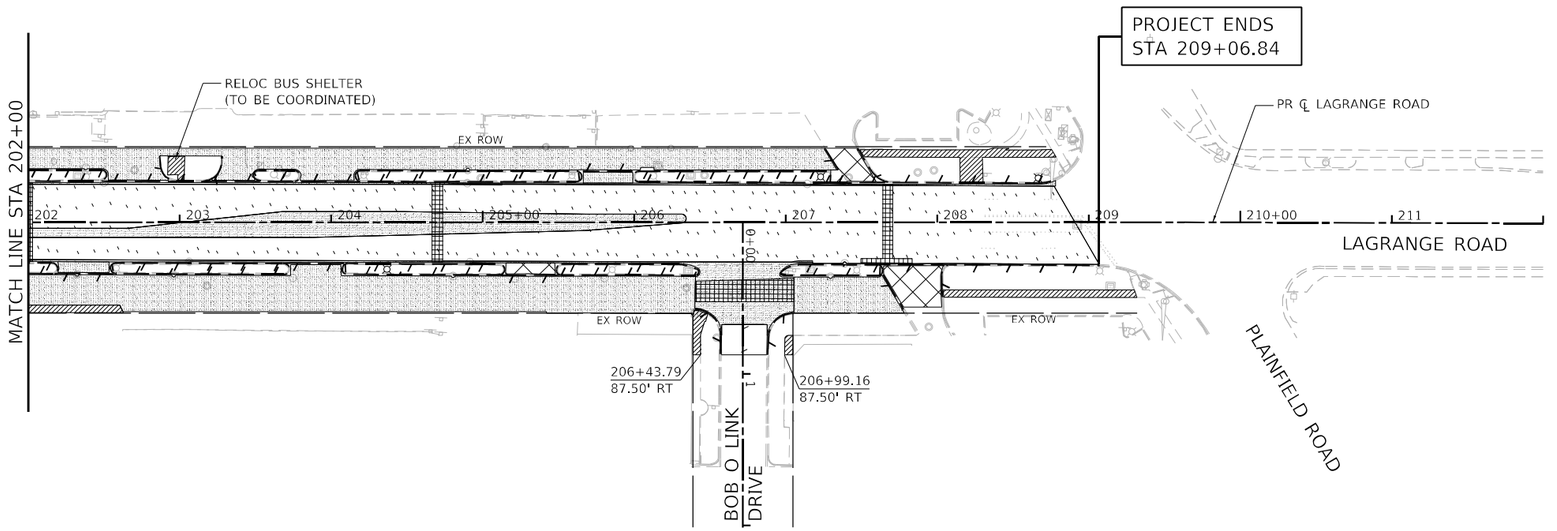
REMOVAL LEGEND

- PAVEMENT REMOVAL
- HMA SURF REM VAR DEP
- DRIVEWAY PAVT REM
- SIDEWALK REM
- PAVED SHLD REMOVAL
- HMA REM OVER PATCH 6
  CL C PATCH 9
  HMA REPL OVER PATCH
- COMB CURB GUTTER REM
- TREE TRANSPLANT
- TREE TRUNK PROTECTION, TREE ROOT PRUNING
- TEMPORARY FENCE



REMOVAL LEGEND

- PAVEMENT REMOVAL
- HMA SURF REM VAR DEP
- DRIVEWAY PAVT REM
- SIDEWALK REM
- PAVED SHLD REMOVAL
- HMA REM OVER PATCH 6
  CL C PATCH 9
  HMA REPL OVER PATCH
- COMB CURB GUTTER REM
- TREE TRANSPLANT
- TREE TRUNK PROTECTION, TREE ROOT PRUNING
- TEMPORARY FENCE



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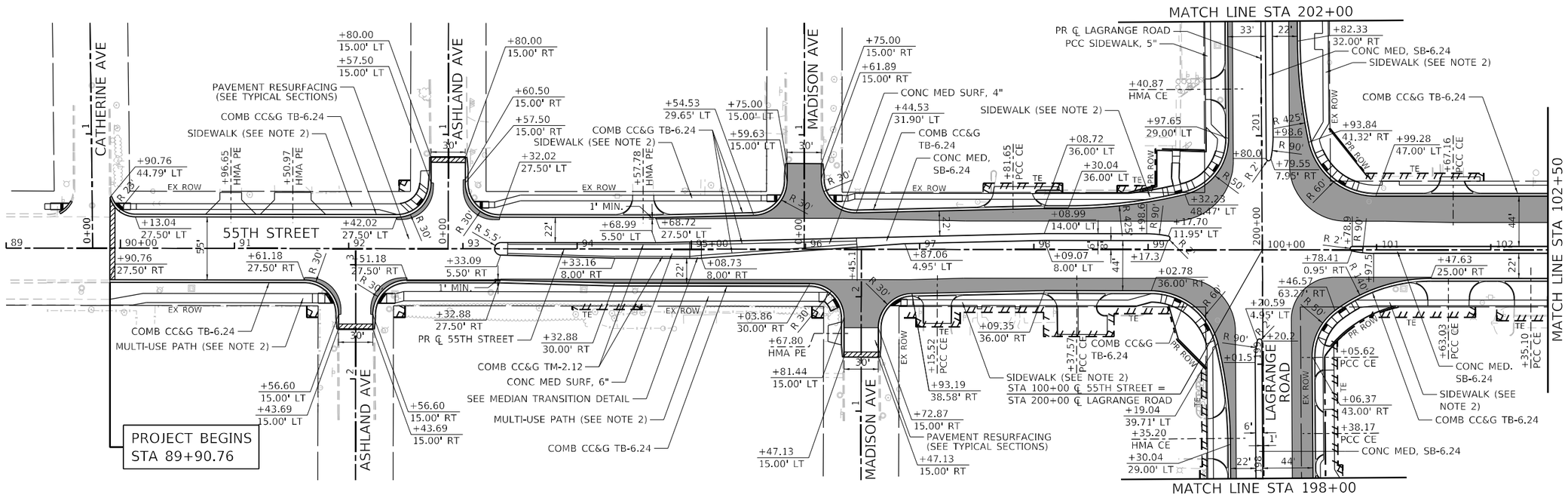
EFK•Moen Civil Engineering Design	USER NAME = rjiang	DESIGNED - MS	REVISED -
		DRAWN - MS	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED -
	PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 12/20/45 (LAGRANGE ROAD)
REMOVAL PLAN

SCALE: 1" = 50' | SHEET 3 OF 3 SHEETS | STA. 188+00 TO STA. 209+06.84

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	30
		CONTRACT NO. 60R50		
		ILLINOIS FED. AID PROJECT		



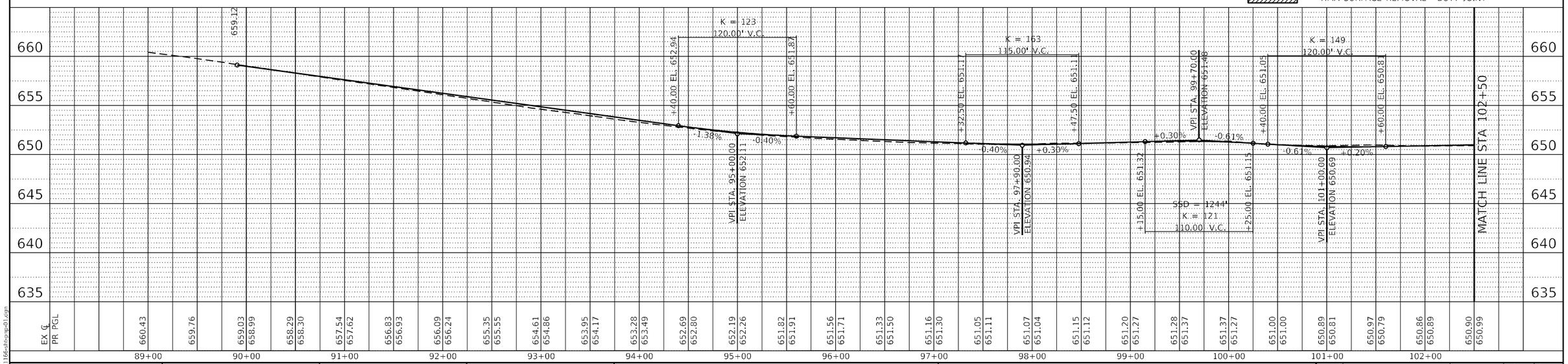
NOTES

1. FOR DRIVEWAY GEOMETRICS AND MAILBOX TURNOUT & MATERIAL INFORMATION SEE SIDEWALK/MULTI-USE PATH/DRIVEWAY DETAILS.
2. FOR SIDEWALK AND SHARED-USE PATH INFORMATION SEE SIDEWALK/MULTI-USE PATH/DRIVEWAY DETAILS.

LEGEND

POLY. HMA SC, SMA, 9.5 MIX "F", N80 1¾"
POLY. HMA BC, IL-4.75, N50 ¾"
HMA BASE CSE 8½" / HMA BASE CSE WIDENING 8½"
AGG SUBGRADE IMPROVEMENT 12"

HMA SURFACE REMOVAL - BUTT JOINT



BURNS McDONNELL	USER NAME = rjiang	DESIGNED - RGJ	REVISED -
		DRAWN - JAB	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED - RMG	REVISED -
	PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET
ROADWAY PLAN AND PROFILE

SCALE: 1" = 50' | SHEET 1 OF 5 SHEETS | STA. 89+90.76 TO STA. 102+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	31

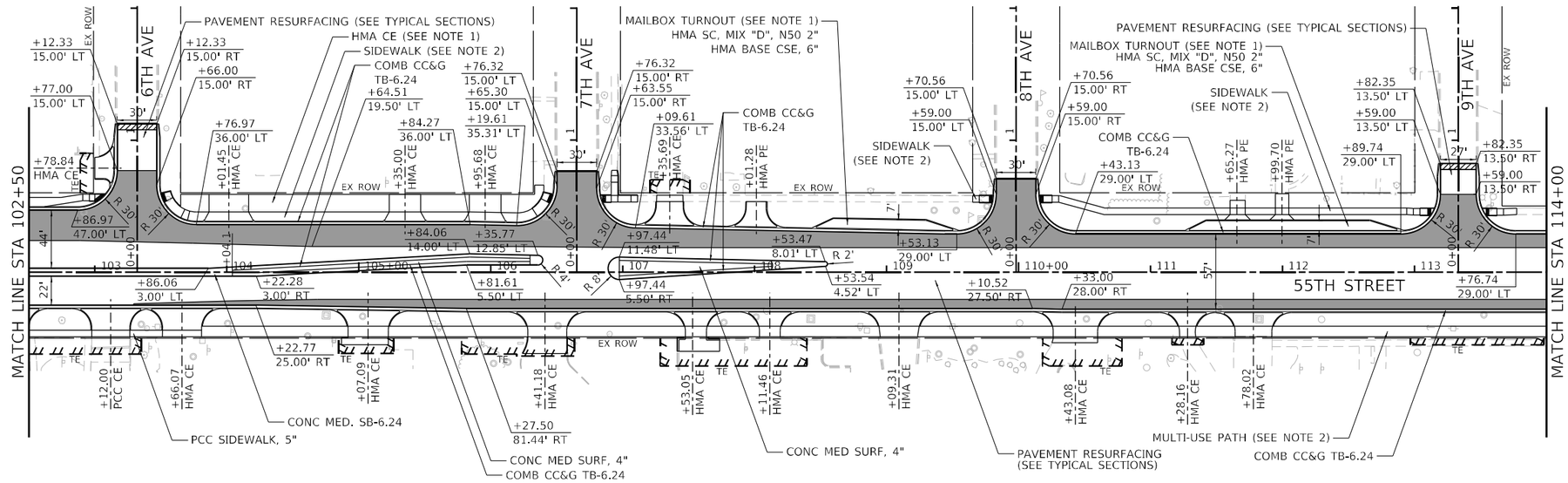
CONTRACT NO. 60R50

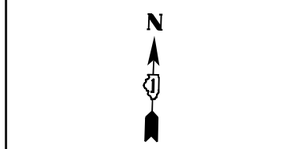
ILLINOIS FED. AID PROJECT

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / R.O.W. CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

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

MODEL: Default
FILE NAME: 121166-sht-pnp-01.dgn



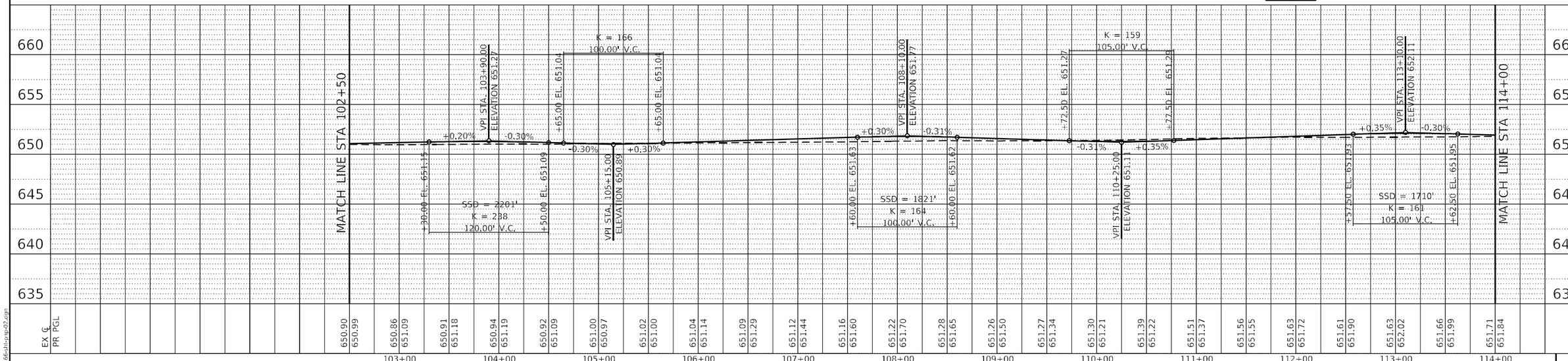


NOTES

1. FOR DRIVEWAY GEOMETRICS AND MAILBOX TURNOUT & MATERIAL INFORMATION SEE SIDEWALK/MULTI-USE PATH/DRIVEWAY DETAILS.
2. FOR SIDEWALK AND SHARED-USE PATH INFORMATION SEE SIDEWALK/MULTI-USE PATH/DRIVEWAY DETAILS.

LEGEND

- POLY. HMA SC, SMA, 9.5 MIX "F", N80 1¾"
- POLY. HMA BC, IL-4.75, N50 ¾"
- HMA BASE CSE 8½" / HMA BASE CSE WIDENING 8½"
- AGG SUBGRADE IMPROVEMENT 12"
- HMA SURFACE REMOVAL - BUTT JOINT



BURNS McDONNELL	USER NAME = rjiang	DESIGNED - RGJ	REVISED -
		DRAWN - JAB	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED - RMG	REVISED -
	PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET
ROADWAY PLAN AND PROFILE

SCALE: 1" = 50' | SHEET 2 OF 5 SHEETS | STA. 102+50 | TO STA. 114+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	32
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

PLAN — SURVEYED; PLOTTED; ALIGNMENT CHECKED; R.O.W. CHECKED; CADD FILE NAME; NOTE BOOK; NO.; BY; DATE

PROFILE — SURVEYED; PLOTTED; GRADES CHECKED; DRAWN; NOTED; STRUCTURE NOTATIONS DRAWN; NOTE BOOK; NO.; BY; DATE

MODEL: Default
FILE NAME: I:\2116\sht\rjiang-02.dgn

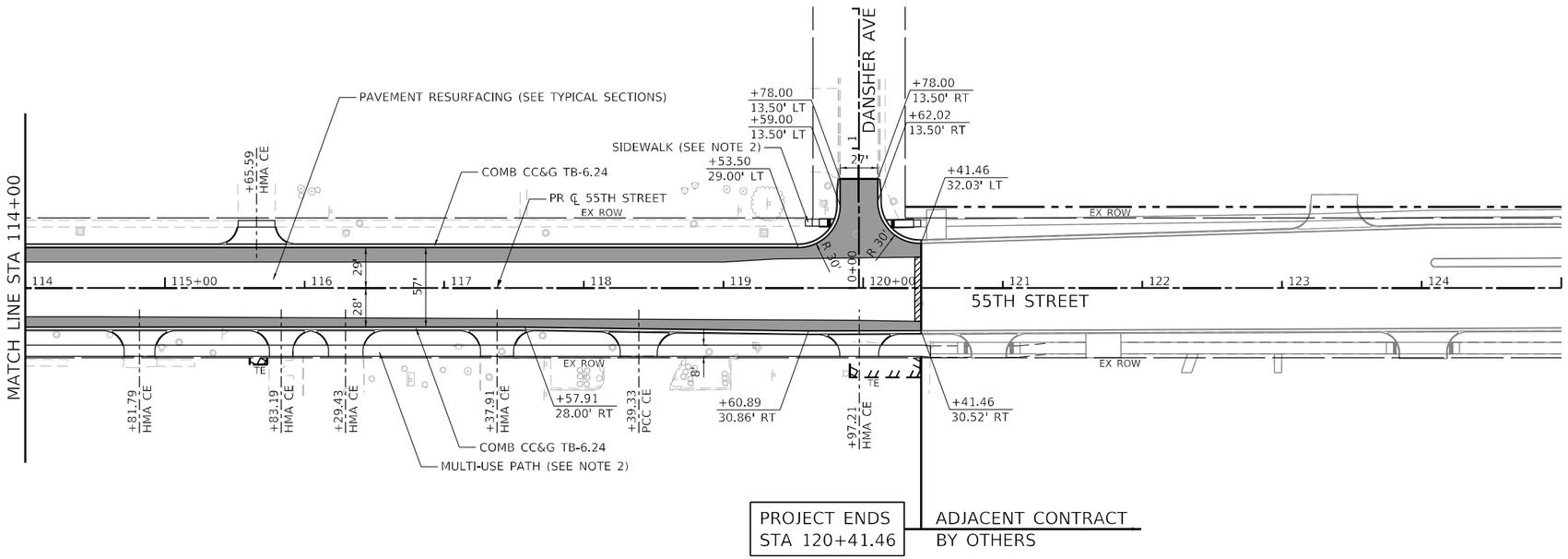
NOTES

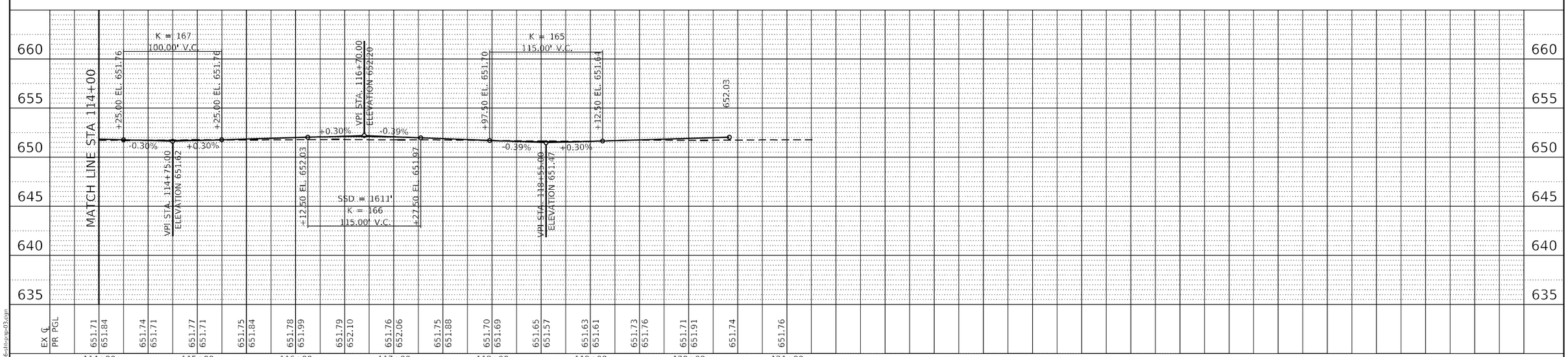
1. FOR DRIVEWAY GEOMETRICS AND MAILBOX TURNOUT & MATERIAL INFORMATION SEE SIDEWALK/MULTI-USE PATH/DRIVEWAY DETAILS.
2. FOR SIDEWALK AND SHARED-USE PATH INFORMATION SEE SIDEWALK/MULTI-USE PATH/DRIVEWAY DETAILS.

LEGEND

POLY. HMA SC, SMA, 9.5 MIX "F", N80 1¾"
POLY. HMA BC, IL-4.75, N50 ¾"
HMA BASE CSE 8½" / HMA BASE CSE WIDENING 8½"
AGG SUBGRADE IMPROVEMENT 12"

HMA SURFACE REMOVAL - BUTT JOINT





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

PROFILE — NOTE BOOK NO. — SURVEYED — PLOTTED — GRADES CHECKED — B.M. NOTED — STRUCTURE NOTATNS CHKD — BY — DATE

MODEL: Default
FILE NAME: 121166-sht-pnp-03.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - RGJ	REVISED -	
	DRAWN - JAB	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - RMG	REVISED -	
PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

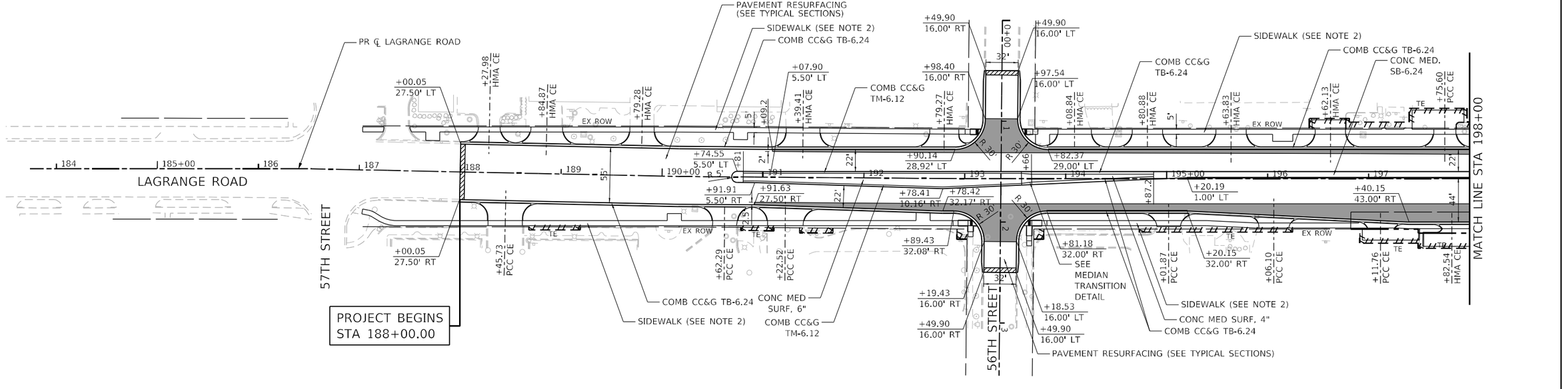
55TH STREET
ROADWAY PLAN AND PROFILE

SCALE: 1" = 50' | SHEET 3 OF 5 SHEETS | STA. 114+00 TO STA. 120+41.46

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	33

CONTRACT NO. 60R50

ILLINOIS FED. AID PROJECT



NOTES

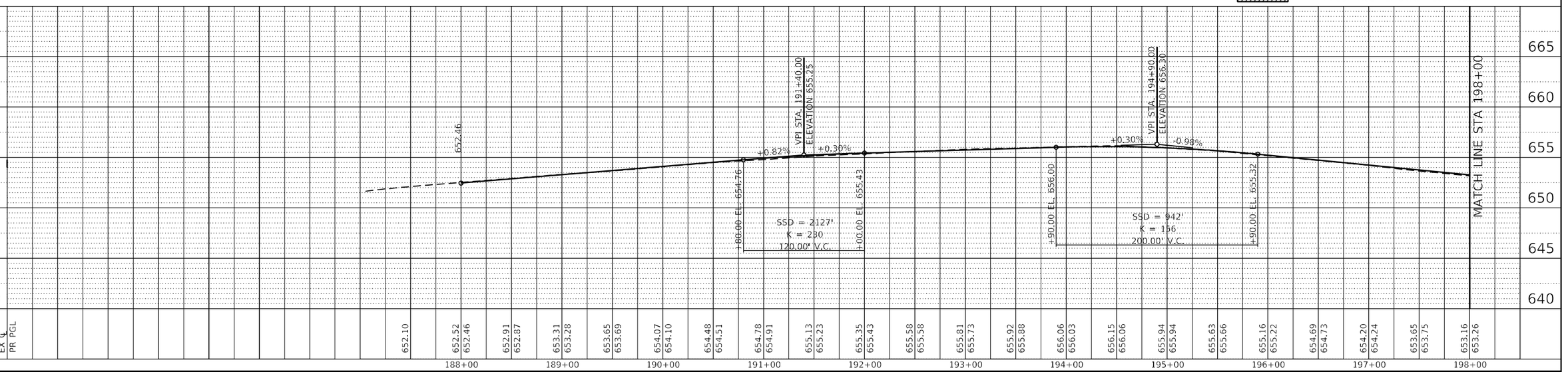
1. FOR DRIVEWAY GEOMETRICS AND MAILBOX TURNOUT & MATERIAL INFORMATION SEE SIDEWALK/MULTI-USE PATH/DRIVEWAY DETAILS.
2. FOR SIDEWALK AND SHARED-USE PATH INFORMATION SEE SIDEWALK/MULTI-USE PATH/DRIVEWAY DETAILS.

LEGEND

POLY. HMA SC, SMA, 9.5 MIX "F", N80 1¾"
POLY. HMA BC, IL-4.75, N50 ¾"
HMA BASE CSE 8½" / HMA BASE CSE WIDENING 8½"
AGG SUBGRADE IMPROVEMENT 12"

HMA SURFACE REMOVAL - BUTT JOINT

50 0 50 100
SCALE IN FEET



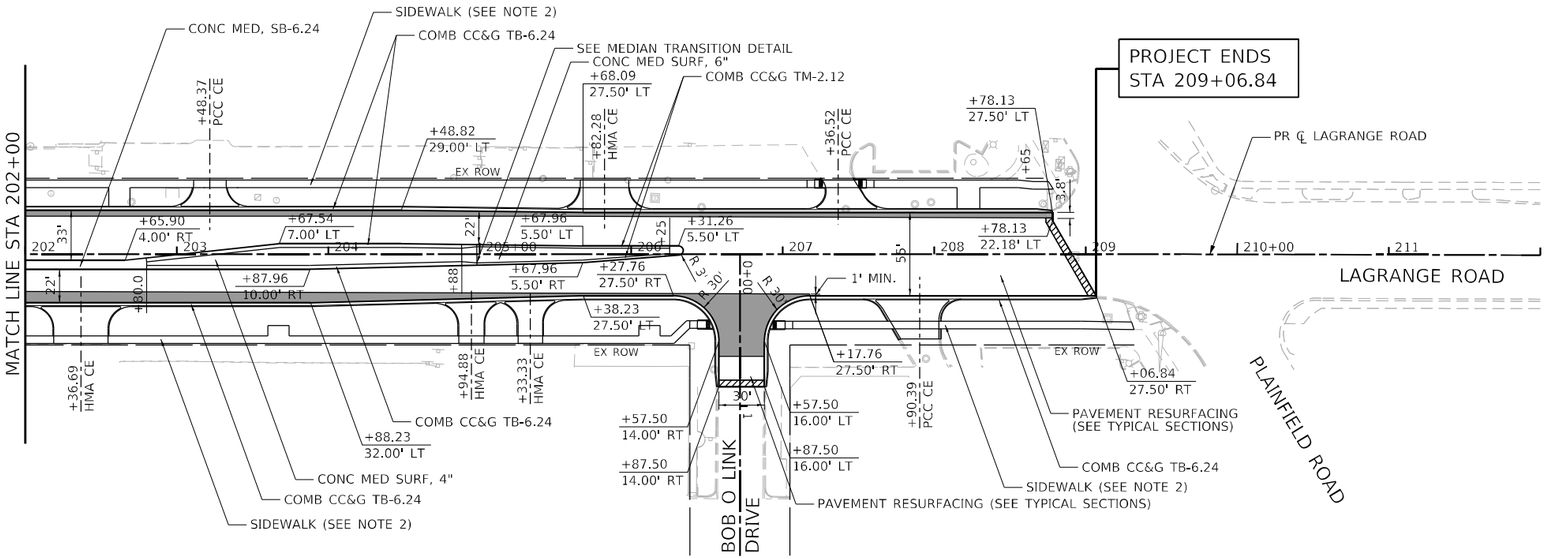
PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

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

MODEL: Default
FILE NAME: 121166-sht-pnp-04.dgn

BURNS McDONNELL	USER NAME = rjiang	DESIGNED - RGJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US ROUTE 12/20/45 (LAGRANGE ROAD) ROADWAY PLAN AND PROFILE
		DRAWN - JAB	REVISED -		
	PLOT SCALE = 100.0000 ' / in.	CHECKED - RMG	REVISED -		
	PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -		SCALE: 1" = 50' SHEET 4 OF 5 SHEETS STA. 188+00 TO STA. 198+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	34
		CONTRACT NO. 60R50		
		ILLINOIS FED. AID PROJECT		



NOTES

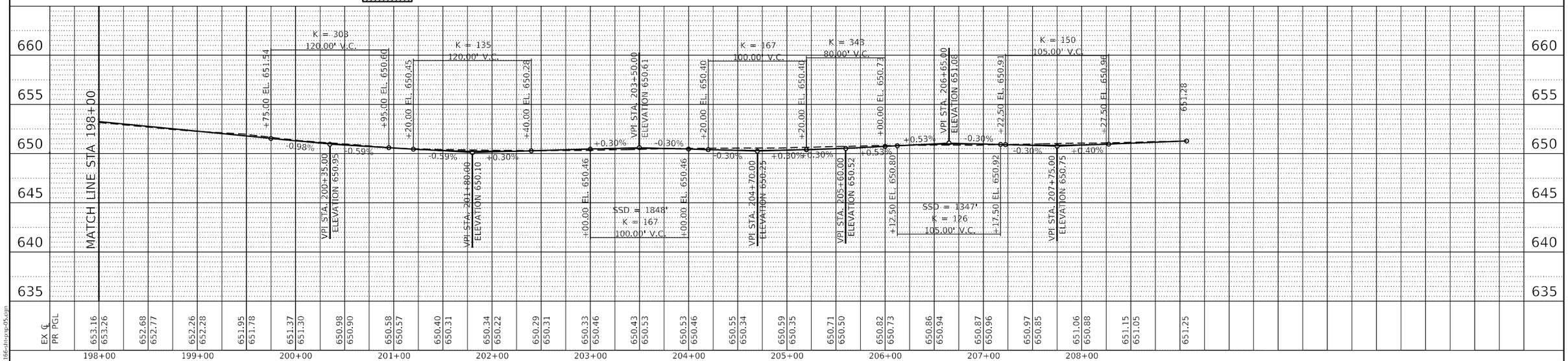
1. FOR DRIVEWAY GEOMETRICS AND MAILBOX TURNOUT & MATERIAL INFORMATION SEE SIDEWALK/MULTI-USE PATH/DRIVEWAY DETAILS.
2. FOR SIDEWALK AND SHARED-USE PATH INFORMATION SEE SIDEWALK/MULTI-USE PATH/DRIVEWAY DETAILS.

LEGEND

POLY. HMA SC, SMA, 9.5 MIX "F", N80 1¾"
POLY. HMA BC, IL-4.75, N50 ¾"
HMA BASE CSE 8½" / HMA BASE CSE WIDENING 8½"
AGG SUBGRADE IMPROVEMENT 12"

HMA SURFACE REMOVAL - BUTT JOINT

50 0 50 100
SCALE IN FEET



BURNS McDONNELL	USER NAME = rjiang	DESIGNED - RGJ	REVISED -
		DRAWN - JAB	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED - RMG	REVISED -
	PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 12/20/45 (LAGRANGE ROAD)
ROADWAY PLAN AND PROFILE

SCALE: 1" = 50' | SHEET 5 OF 5 SHEETS | STA. 202+00 | TO STA. 209+06.84

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	35
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	

PLAN: SURVEYED, PLOTTED, DESIGN CHECKED, R.O.W. CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, DESIGN CHECKED, R.O.W. CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE, STRUCTURE NOTATIONS CHKD

MODEL: Default
FILE NAME: 121166-alt-prop-05.dgn

55TH STREET - HMA BINDER COURSE, IL-9.5, N70, VARIABLE DEPTHS (40602985)																		
STATION	O/S START	LT/RT	THICKNESS (IN)	O/S END	LT/RT	THICKNESS (IN)	O/S START	LT/RT	THICKNESS (IN)	O/S END	LT/RT	THICKNESS (IN)	O/S START	LT/RT	THICKNESS (IN)	O/S END	LT/RT	THICKNESS (IN)
89+90.76																		
90+00.00																		
91+00.00																		
92+00.00	4.8	LT	1.5	3	RT	1.5												
93+00.00	14.0	LT	1.5	10.2	RT	1.5												
94+00.00	9.7	LT	1.5	5.5	LT	1.5	7.2	RT	1.5	10.4	RT	1.5						
95+00.00																		
96+00.00							1.4	RT	1.5	11.1	RT	1.5						
97+00.00	25.8	LT	1.5	11.3	LT	1.5	5.3	LT	1.75	2.7	RT	1.5						
98+00.00	22.9	RT	1.5	25.0	RT	1.5												
99+00.00	21.0	LT	2.25	14.0	LT	1.5	8.0	LT	1.5	3.7	LT	1.5	19.7	RT	1.5	25.0	RT	2
100+00.00																		
101+00.00	19.8	LT	2.25	7.6	LT	1.5												
102+00.00	18.2	LT	2.25	3.0	LT	1.5												
103+00.00	18.8	RT	1.5	25.0	RT	1.5												
104+00.00	3.0	RT	1.5	21.8	RT	1.5												
105+00.00																		
106+00.00																		
107+00.00	18.6	RT	2.25	11.4	LT	2												
108+00.00	1.1	LT	2.25	20.5	RT	2.25												
109+00.00	18.5	LT	2	20.5	RT	1.5												
110+00.00																		
111+00.00																		
112+00.00	18.5	LT	1.5	0.1	RT	1.5												
113+00.00																		
114+00.00	6.5	LT	1.5	2	RT	1.5												
115+00.00																		
116+00.00	18.5	LT	1.75	6.4	RT	1.5												
117+00.00	18.5	LT	2	10.7	RT	1.5												
118+00.00																		
119+00.00																		
120+00.00	9.1	LT	1.5	8.8	LT	1.5												
120+41.46	22.2	LT	1.75	23.8	RT	1.5												

55TH STREET - HMA BINDER COURSE, IL-19.0, N90, VARIABLE DEPTHS (40603090)						
STATION	O/S START	LT/RT	THICKNESS (IN)	O/S END	LT/RT	THICKNESS (IN)
89+90.76						
90+00.00						
91+00.00						
92+00.00						
93+00.00						
94+00.00						
95+00.00						
96+00.00						
97+00.00						
98+00.00						
99+00.00	25.0	LT	3.25	21.0	LT	2.25
100+00.00						
101+00.00	25.0	LT	4	19.8	LT	2.25
102+00.00	24.0	LT	4	18.2	LT	2.25
103+00.00	23.8	LT	4	3.0	LT	2.75
104+00.00	21.3	LT	5	3.8	LT	3.25
105+00.00						
106+00.00						
107+00.00						
108+00.00	18.5	LT	4.5	9.2	LT	3.75
109+00.00						
110+00.00						
111+00.00						
112+00.00						
113+00.00	18.5	LT	3.5	20.5	RT	2.25
114+00.00						
115+00.00						
116+00.00						
117+00.00						
118+00.00						
119+00.00						
120+00.00						
120+41.46						

NOTE: THIS TABLE IDENTIFIES THE LOCATIONS WHERE IT WILL BE NECESSARY TO PAVE A VARIABLE DEPTH HMA IL-9.5 OR IL-19.0 BINDER COURSE.

US ROUTE 12/20/45 (LAGRANGE ROAD) - HMA BINDER COURSE, IL-9.5, N70, VARIABLE DEPTHS (40602985)												
STATION	O/S START	LT/RT	THICKNESS (IN)	O/S END	LT/RT	THICKNESS (IN)	O/S START	LT/RT	THICKNESS (IN)	O/S END	LT/RT	THICKNESS (IN)
188+00.00												
189+00.00												
190+00.00												
191+00.00												
192+00.00												
193+00.00												
194+00.00												
195+00.00	5.3	RT	1.5	25.0	RT	2						
196+00.00	1.0	LT	1.5	25.0	RT	1.5						
197+00.00	24.8	LT	1.5	11.0	LT	1.5						
198+00.00	24.1	LT	1.5	7.0	LT	1.5	1.0	LT	1.5	25.0	RT	1.75
199+00.00	24.0	LT	1.5	9.9	LT	1.5	4.8	RT	1.5	25.0	RT	1.75
200+00.00												
201+00.00	2.3	RT	1.5	4.0	RT	1.5	10	RT	1.5	16.5	RT	2.25
202+00.00												
203+00.00	17.1	LT	2.25	0.3	RT	1.5	10	RT	2.25	24.9	RT	2.25
204+00.00	25.0	LT	1.5	25.2	RT	1.5						
205+00.00												
206+00.00	24.8	LT	1.5	10.2	LT	1.5						
207+00.00	16.8	LT	2.25	1.5	LT	1.5						
208+00.00												
209+00.00												
209+06.84												

US ROUTE 12/20/45 (LAGRANGE ROAD) - HMA BINDER COURSE, IL-19.0, N90, VARIABLE DEPTHS (40603090)						
STATION	O/S START	LT/RT	THICKNESS (IN)	O/S END	LT/RT	THICKNESS (IN)
188+00.00						
189+00.00						
190+00.00						
191+00.00						
192+00.00						
193+00.00						
194+00.00						
195+00.00						
196+00.00						
197+00.00						
198+00.00						
199+00.00						
200+00.00						
201+00.00	16.5	RT	2.25	24.2	RT	3
202+00.00						
203+00.00						
204+00.00						
205+00.00						
206+00.00						
207+00.00	24.5	LT	3.5	16.8	LT	2.25
208+00.00						
209+00.00						
209+06.84						

MODEL: Default
FILE NAME: I21166-dt-rdydet-pave-01.dgn

BURNS McDONNELL

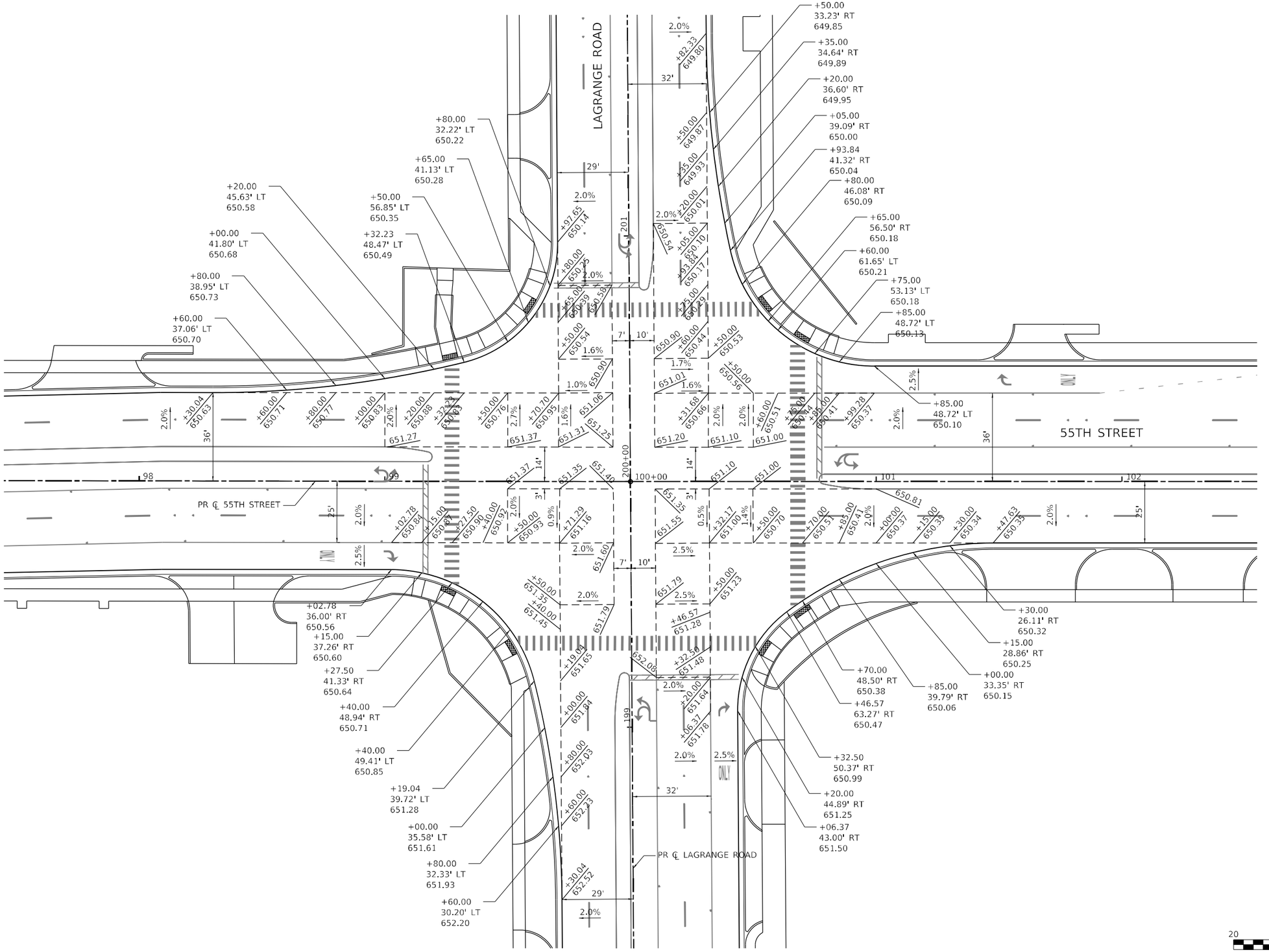
USER NAME = rjiang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - JIR	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

555TH STREET AND US ROUTE 12/20/45 (LAGRANGE ROAD)
HMA VARIABLE DEPTH BINDER PAVING DETAILS

SCALE: | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	36
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		



MODEL: Default
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BURNS McDONNELL

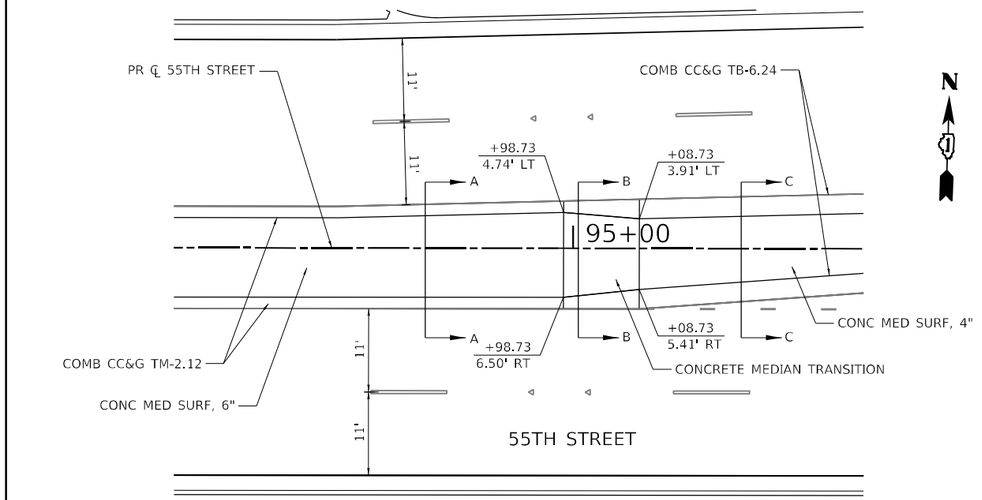
USER NAME = rjiang	DESIGNED - RGJ	REVISED -
	DRAWN - RGJ	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - JIR	REVISED -
PLOT DATE = 8/5/2024	DATE - 08/05/2024	REVISED -

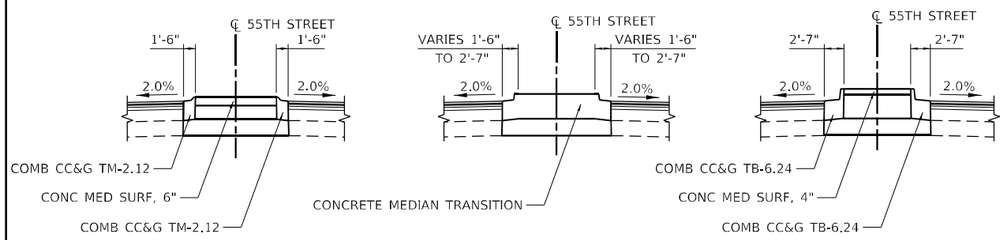
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET AT US ROUTE 12/20/45 (LAGRANGE ROAD)
INTERSECTION DETAILS

SCALE: 1" = 20' | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	37
		CONTRACT NO. 60R50		
	ILLINOIS FED. AID PROJECT			

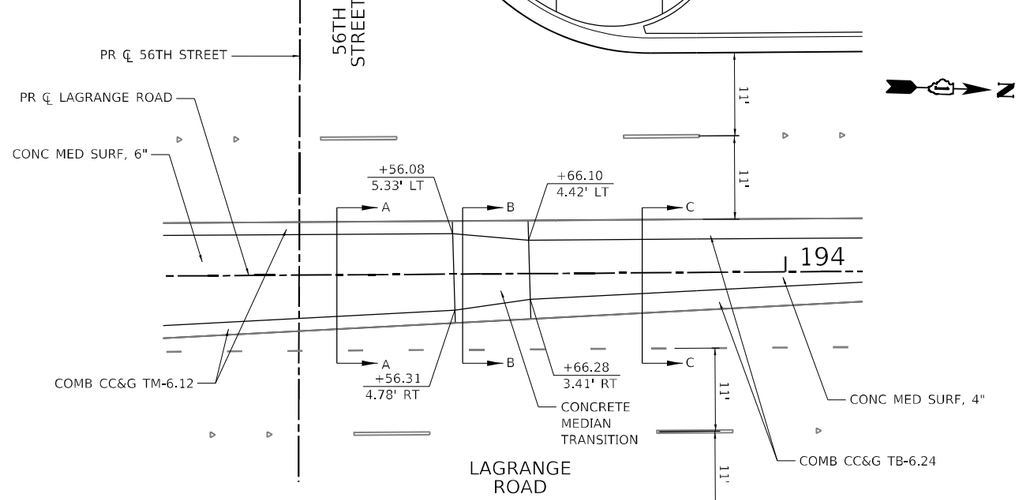


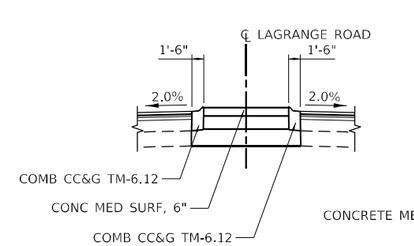


SECTION A-A
N.T.S.
STA. 93+39.16 TO STA. 94+98.73

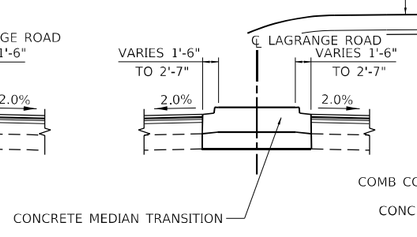
SECTION B-B
N.T.S.
STA. 94+98.73 TO STA. 95+08.73
(CONCRETE MEDIAN TRANSITION SHALL BE PAID
FOR AS "CONCRETE MEDIAN, TYPE SB-6.24")

SECTION C-C
N.T.S.
STA. 95+08.73 TO STA. 96+44.92

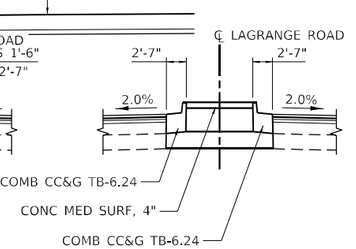




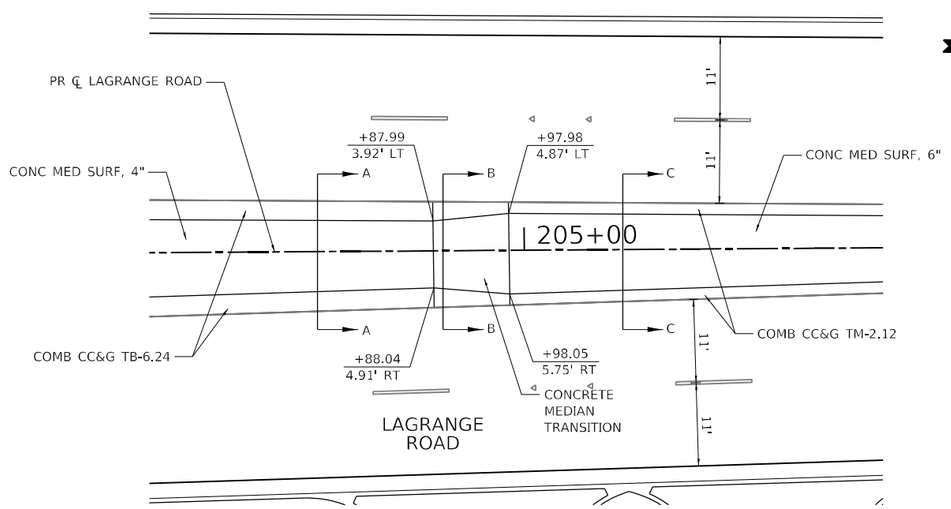
SECTION A-A
N.T.S.
STA. 190+80.55 TO STA. 193+56.34

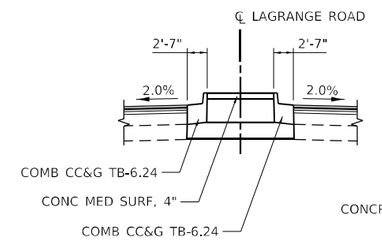


SECTION B-B
N.T.S.
STA. 193+56.34 TO STA. 193+66.34
(CONCRETE MEDIAN TRANSITION SHALL BE PAID
FOR AS "CONCRETE MEDIAN, TYPE SB-6.24")

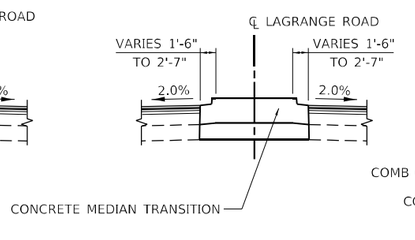


SECTION C-C
N.T.S.
STA. 193+66.34 TO STA. 194+87.17

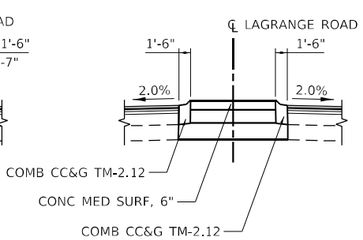




SECTION A-A
N.T.S.
STA. 202+79.76 TO STA. 204+88.06



SECTION B-B
N.T.S.
STA. 204+88.06 TO STA. 204+98.06
(CONCRETE MEDIAN TRANSITION SHALL BE PAID
FOR AS "CONCRETE MEDIAN, TYPE SB-6.24")



SECTION C-C
N.T.S.
STA. 204+98.06 TO STA. 206+25.26

MODEL: Default
FILE NAME: 12166-sht-roydet-02.dgn

BURNS McDONNELL

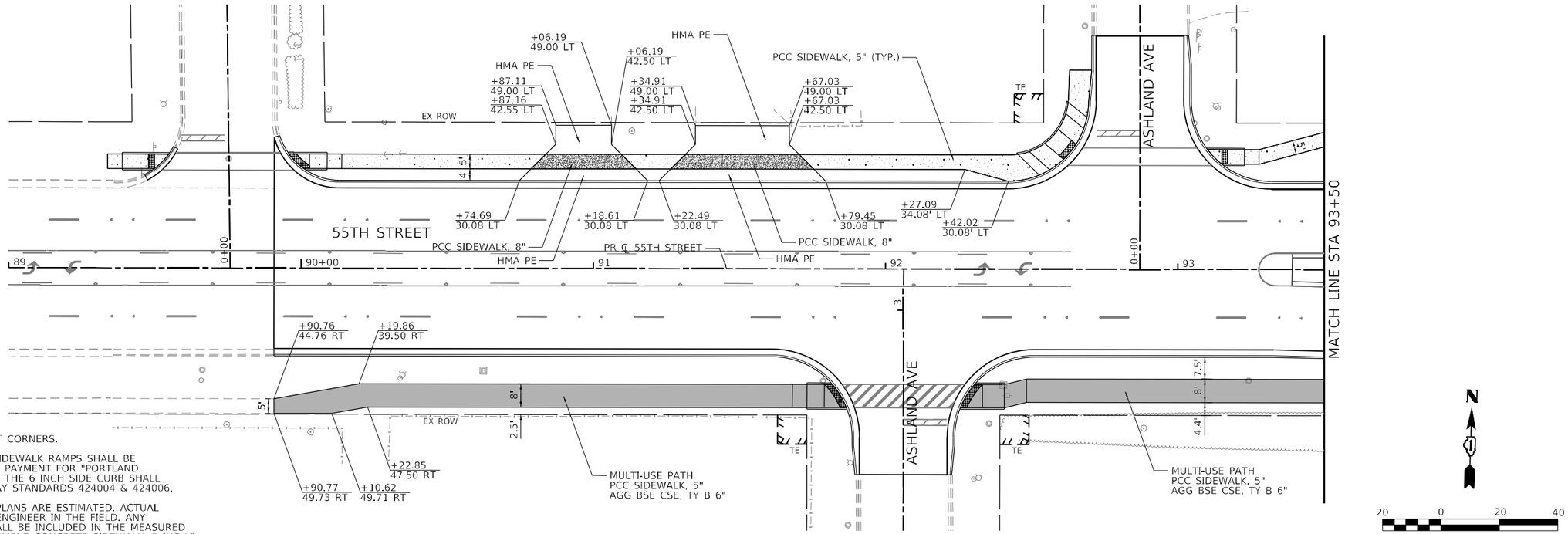
USER NAME = rjiang	DESIGNED - DJW	REVISED -	
	DRAWN - DJW	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - RGJ	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET AT US ROUTE 12/20/45 (LAGRANGE ROAD)
MEDIAN CURB & GUTTER TRANSITION DETAIL

SCALE: 1" = 10' | SHEET 2 OF 2 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	38
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		



NOTES

1. SEE ADA RAMP DETAILS FOR LAYOUT AT CORNERS.
2. THE 6 INCH SIDE CURB ADJACENT TO SIDEWALK RAMPS SHALL BE INCLUDED IN THE MEASURED AREA FOR PAYMENT FOR "PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH". THE 6 INCH SIDE CURB SHALL BE IN ACCORDANCE WITH IDOT HIGHWAY STANDARDS 424004 & 424006.
3. LIMITS OF SIDE CURB SHOWN ON THE PLANS ARE ESTIMATED. ACTUAL LIMITS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. ANY ADDITIONAL LENGTH OF SIDE CURB SHALL BE INCLUDED IN THE MEASURED AREA FOR PAYMENT FOR "PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH."

DRIVEWAY PAVEMENT STRUCTURE

HOT-MIX ASPHALT COMMERCIAL ENTRANCE:

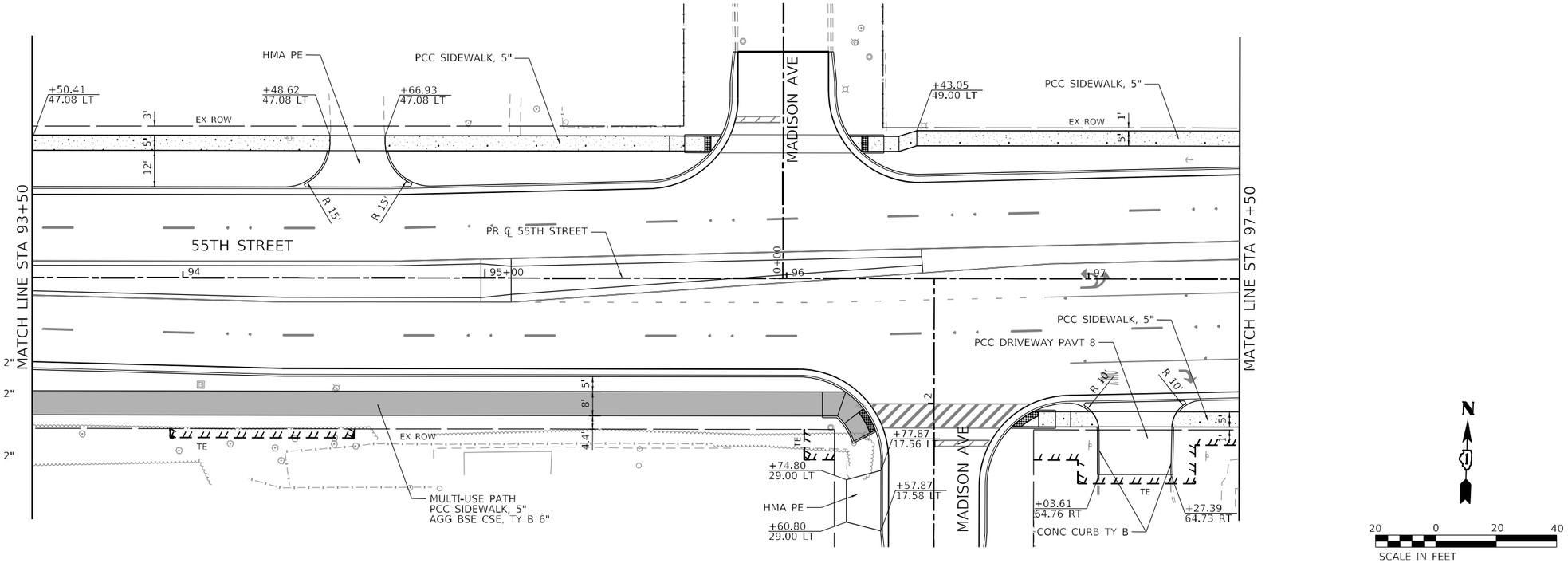
HMA SRF CSE, MIX "D", N50 (IL-9.5mm); 2"
HMA BSE CSE, 8"
SUBBASE GRANULAR MATERIAL, TYPE B 4"

HOT-MIX ASPHALT PRIVATE ENTRANCE:

HMA SRF CSE, MIX "D", N50 (IL-9.5mm); 2"
HMA BSE CSE, 6"
SUBBASE GRANULAR MATERIAL, TYPE B 4"

CONCRETE COMMERCIAL ENTRANCE:

PCC DRIVEWAY PAVEMENT, 8"
SUBBASE GRANULAR MATERIAL, TYPE B 4"



LEGEND

- PCC SIDEWALK, 5" SUBBASE GRANULAR MATERIAL, TYPE B 2"
- PCC SIDEWALK, 8" SUBBASE GRANULAR MATERIAL, TYPE B 2"
- MULTI-USE PATH PCC SIDEWALK, 5" AGG BSE CSE, TY B 6"
- STAMPED COLORED PCC SIDEWALK, 5" SUBBASE GRANULAR MATERIAL, TYPE B 2"
- DETECTABLE WARNINGS
- PROPOSED PLANTER
- PROPOSED TRASH RECEPTACLE
- PROPOSED BENCH

MODEL: Default
FILE NAME: 121166-sht-plan-sdwk-01.dgn

BURNS McDONNELL	USER NAME = rjiang	DESIGNED - HTS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	55TH STREET SIDEWALK /SHARED-USE PATH /DRIVEWAY DETAILS
		DRAWN - HTS	REVISED -		
	PLOT SCALE = 40.0009 ' / in.	CHECKED - RGJ	REVISED -		
	PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -		SCALE: 1" = 20' SHEET 1 OF 6 SHEETS STA. 89+90.76 TO STA. 97+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	39
		CONTRACT NO. 60R50		
		ILLINOIS FED. AID PROJECT		

NOTES

1. SEE ADA RAMP DETAILS FOR LAYOUT AT CORNERS.
2. THE 6 INCH SIDE CURB ADJACENT TO SIDEWALK RAMPS SHALL BE INCLUDED IN THE MEASURED AREA FOR PAYMENT FOR "PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH". THE 6 INCH SIDE CURB SHALL BE IN ACCORDANCE WITH IDOT HIGHWAY STANDARDS 424004 & 424006.
3. LIMITS OF SIDE CURB SHOWN ON THE PLANS ARE ESTIMATED. ACTUAL LIMITS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. ANY ADDITIONAL LENGTH OF SIDE CURB SHALL BE INCLUDED IN THE MEASURED AREA FOR PAYMENT FOR "PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH."

DRIVEWAY PAVEMENT STRUCTURE

HOT-MIX ASPHALT COMMERCIAL ENTRANCE:

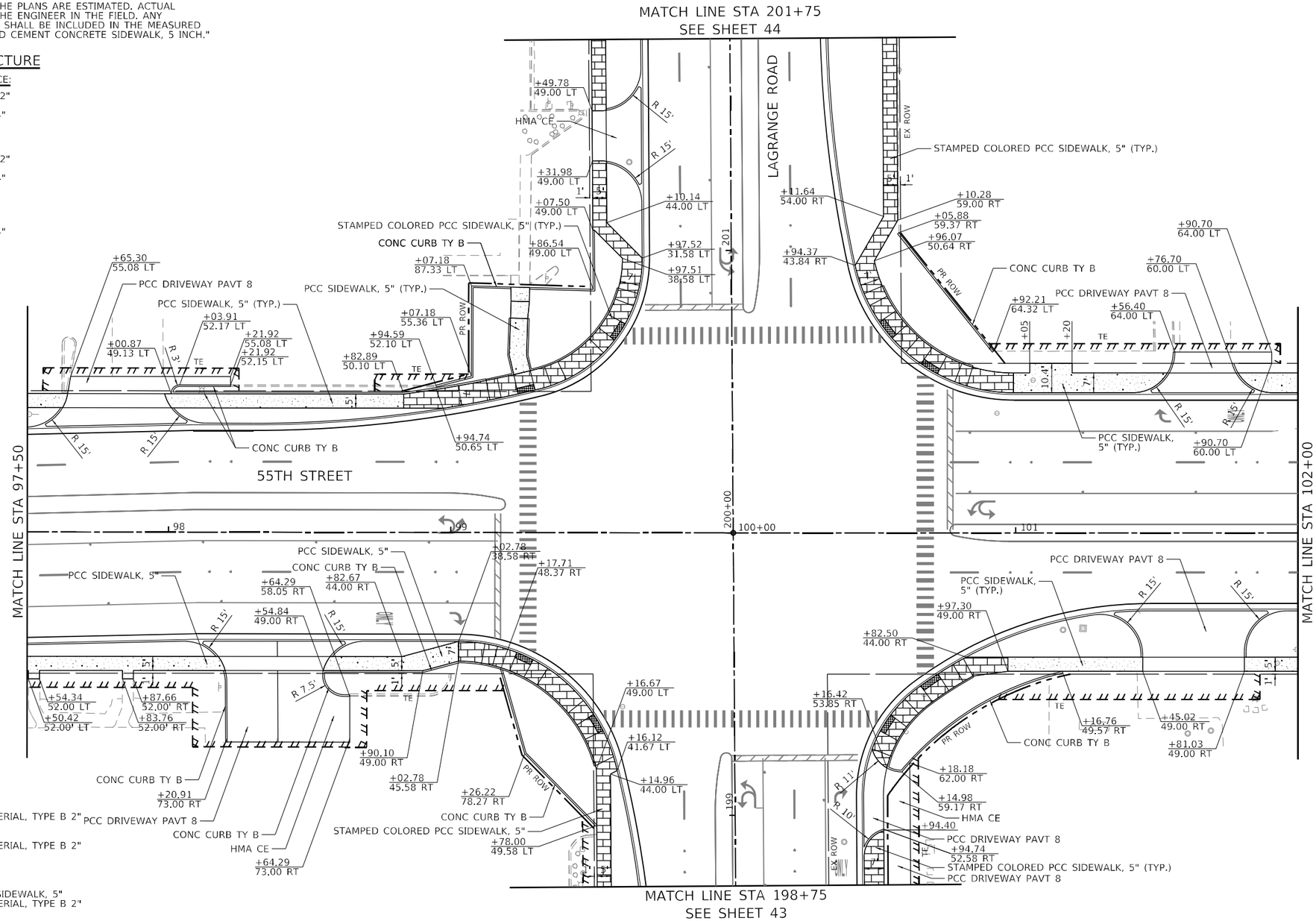
HMA SRF CSE, MIX "D", N50 (IL-9.5mm); 2"
HMA BSE CSE, 8"
SUBBASE GRANULAR MATERIAL, TYPE B 4"

HOT-MIX ASPHALT PRIVATE ENTRANCE:

HMA SRF CSE, MIX "D", N50 (IL-9.5mm); 2"
HMA BSE CSE, 6"
SUBBASE GRANULAR MATERIAL, TYPE B 4"

CONCRETE COMMERCIAL ENTRANCE:

PCC DRIVEWAY PAVEMENT, 8"
SUBBASE GRANULAR MATERIAL, TYPE B 4"



LEGEND

- PCC SIDEWALK, 5" SUBBASE GRANULAR MATERIAL, TYPE B 2"
- PCC SIDEWALK, 8" SUBBASE GRANULAR MATERIAL, TYPE B 2"
- MULTI-USE PATH PCC SIDEWALK, 5" AGG BSE CSE, TY B 6"
- STAMPED COLORED PCC SIDEWALK, 5" SUBBASE GRANULAR MATERIAL, TYPE B 2"
- DETECTABLE WARNINGS
- PROPOSED PLANTER
- PROPOSED TRASH RECEPTACLE
- PROPOSED BENCH

N

20 0 20 40
SCALE IN FEET

MODEL: Default
FILE NAME: 121166-sht-plan-sdwk-02.dgn

BURNS McDONNELL	USER NAME = rjiang	DESIGNED - HTS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	55TH STREET SIDEWALK /SHARED-USE PATH /DRIVEWAY DETAILS
		DRAWN - HTS	REVISED -		
	PLOT SCALE = 40.0000 ' / in.	CHECKED - RGJ	REVISED -		
	PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -		SCALE: 1" = 20' SHEET 2 OF 6 SHEETS STA. 97+50 TO STA. 102+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	40
		CONTRACT NO. 60R50		
		ILLINOIS FED. AID PROJECT		

DRIVEWAY PAVEMENT STRUCTURE

HOT-MIX ASPHALT COMMERCIAL ENTRANCE:

HMA SRF CSE, MIX "D", N50 (IL-9.5mm); 2"
HMA BSE CSE, 8"
SUBBASE GRANULAR MATERIAL, TYPE B 4"

HOT-MIX ASPHALT PRIVATE ENTRANCE:

HMA SRF CSE, MIX "D", N50 (IL-9.5mm); 2"
HMA BSE CSE, 6"
SUBBASE GRANULAR MATERIAL, TYPE B 4"

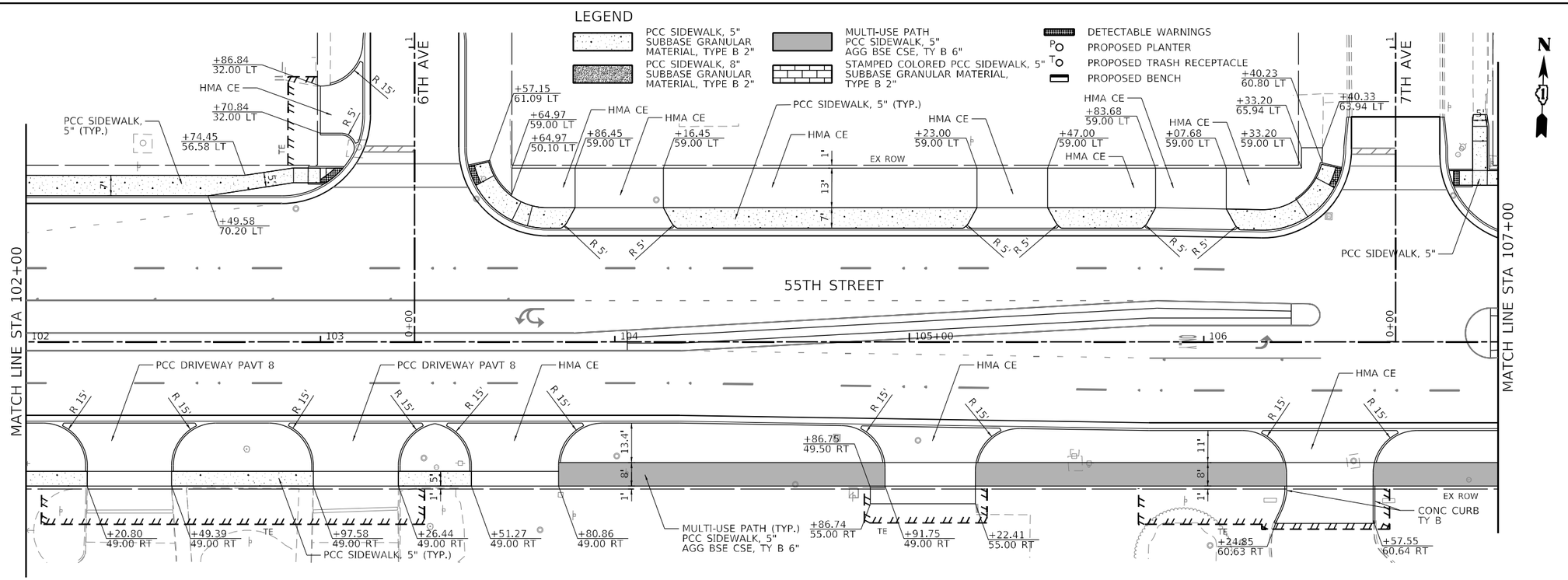
CONCRETE COMMERCIAL ENTRANCE:

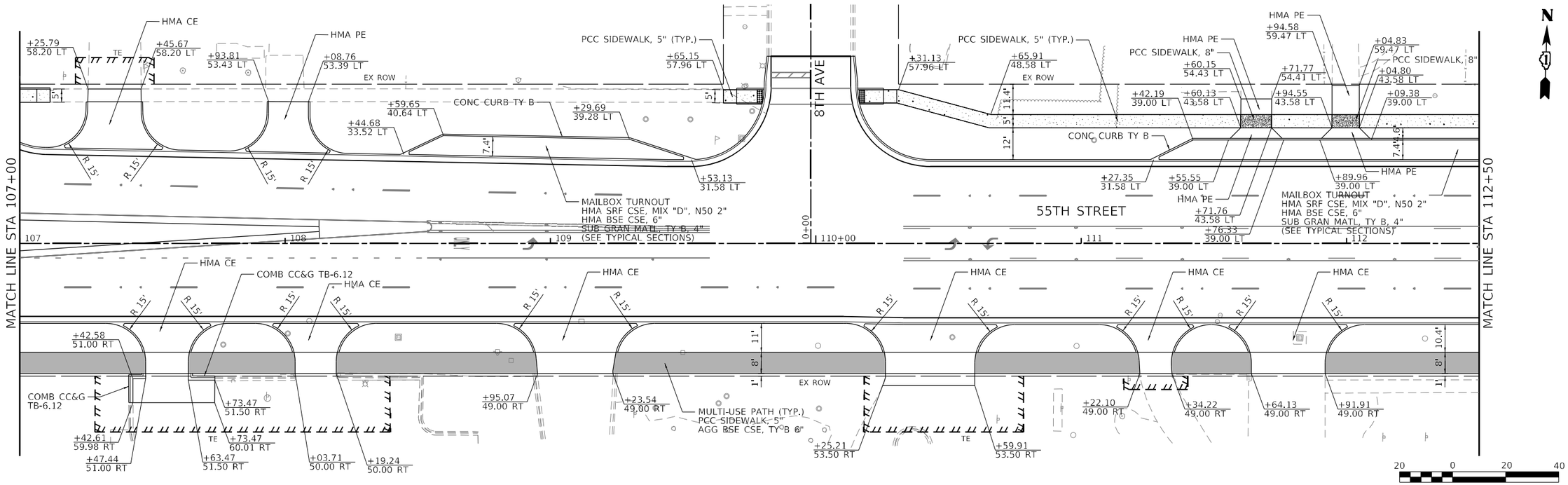
PCC DRIVEWAY PAVEMENT, 8"
SUBBASE GRANULAR MATERIAL, TYPE B 4"

NOTES

1. SEE ADA RAMP DETAILS FOR LAYOUT AT CORNERS.
2. THE 6 INCH SIDE CURB ADJACENT TO SIDEWALK RAMPS SHALL BE INCLUDED IN THE MEASURED AREA FOR PAYMENT FOR "PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH". THE 6 INCH SIDE CURB SHALL BE IN ACCORDANCE WITH IDOT HIGHWAY STANDARDS 424004 & 424006.
3. LIMITS OF SIDE CURB SHOWN ON THE PLANS ARE ESTIMATED. ACTUAL LIMITS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. ANY ADDITIONAL LENGTH OF SIDE CURB SHALL BE INCLUDED IN THE MEASURED AREA FOR PAYMENT FOR "PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH."

20 0 20 40
SCALE IN FEET





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SCALE IN FEET

MODEL: Default
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BURNS McDONNELL

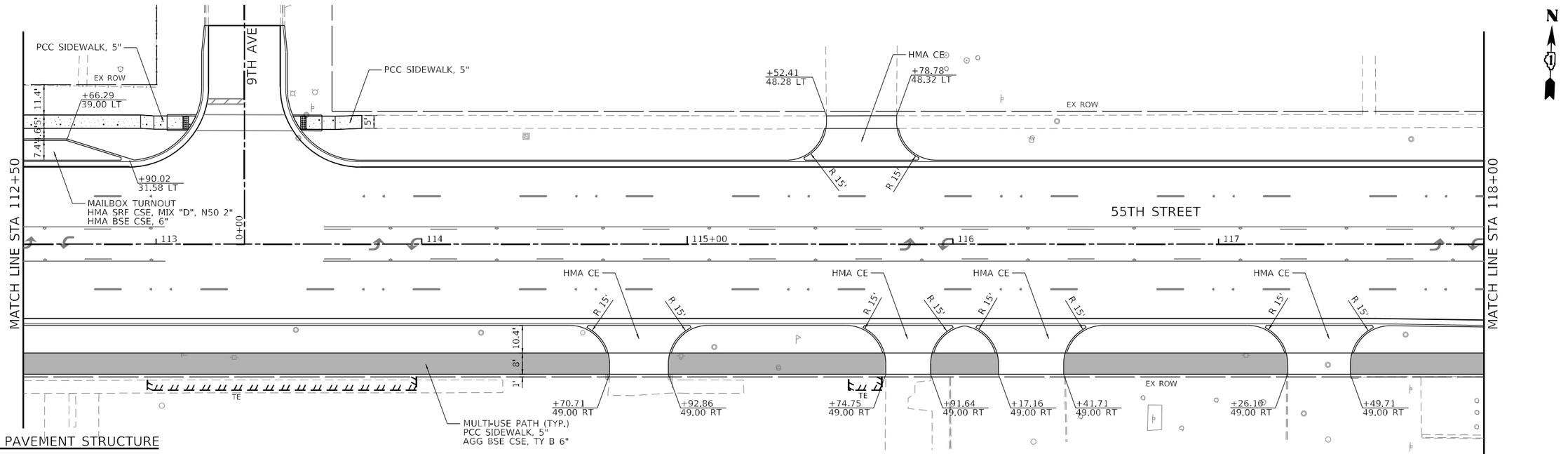
USER NAME = rjiang	DESIGNED - HTS	REVISED -	
	DRAWN - HTS	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - RGJ	REVISED -	
PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET
SIDEWALK /SHARED-USE PATH /DRIVEWAY DETAILS

SCALE: 1" = 20' | SHEET 3 OF 6 SHEETS | STA. 102+00 TO STA. 112+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	41
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		



DRIVEWAY PAVEMENT STRUCTURE

HOT-MIX ASPHALT COMMERCIAL ENTRANCE:

HMA SRF CSE, MIX "D", N50 (IL-9.5mm); 2"
HMA BSE CSE, 8"
SUBBASE GRANULAR MATERIAL, TYPE B 4"

HOT-MIX ASPHALT PRIVATE ENTRANCE:

HMA SRF CSE, MIX "D", N50 (IL-9.5mm); 2"
HMA BSE CSE, 6"
SUBBASE GRANULAR MATERIAL, TYPE B 4"

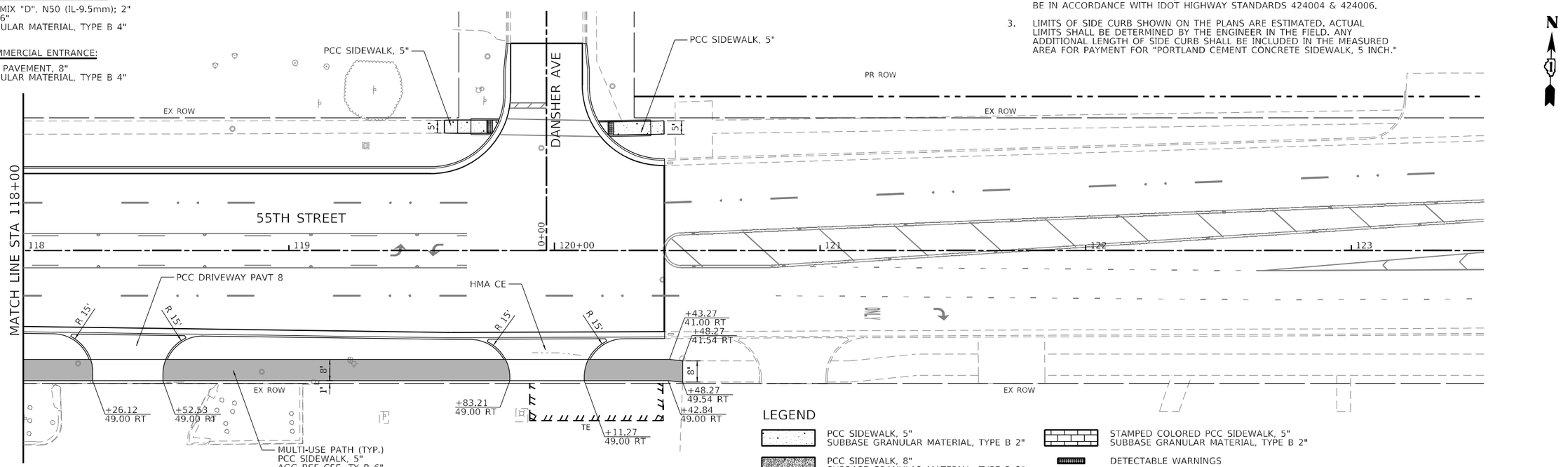
CONCRETE COMMERCIAL ENTRANCE:

PCC DRIVEWAY PAVEMENT, 8"
SUBBASE GRANULAR MATERIAL, TYPE B 4"

NOTES

1. SEE ADA RAMP DETAILS FOR LAYOUT AT CORNERS.
2. THE 6 INCH SIDE CURB ADJACENT TO SIDEWALK RAMPS SHALL BE INCLUDED IN THE MEASURED AREA FOR PAYMENT FOR "PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH". THE 6 INCH SIDE CURB SHALL BE IN ACCORDANCE WITH IDOT HIGHWAY STANDARDS 424004 & 424006.
3. LIMITS OF SIDE CURB SHOWN ON THE PLANS ARE ESTIMATED. ACTUAL LIMITS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. ANY ADDITIONAL LENGTH OF SIDE CURB SHALL BE INCLUDED IN THE MEASURED AREA FOR PAYMENT FOR "PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH."

20 0 20 40
SCALE IN FEET



LEGEND

- PCC SIDEWALK, 5" SUBBASE GRANULAR MATERIAL, TYPE B 2"
- PCC SIDEWALK, 8" SUBBASE GRANULAR MATERIAL, TYPE B 2"
- MULTI-USE PATH PCC SIDEWALK, 5" AGG BSE CSE, TY B 6"
- STAMPED COLORED PCC SIDEWALK, 5" SUBBASE GRANULAR MATERIAL, TYPE B 2"
- DETECTABLE WARNINGS
- PROPOSED PLANTER
- PROPOSED TRASH RECEPTACLE
- PROPOSED BENCH

20 0 20 40
SCALE IN FEET

MODEL: Default
FILE NAME: I:\2116\dt\plns\sht\ss04.dgn

BURNS McDONNELL

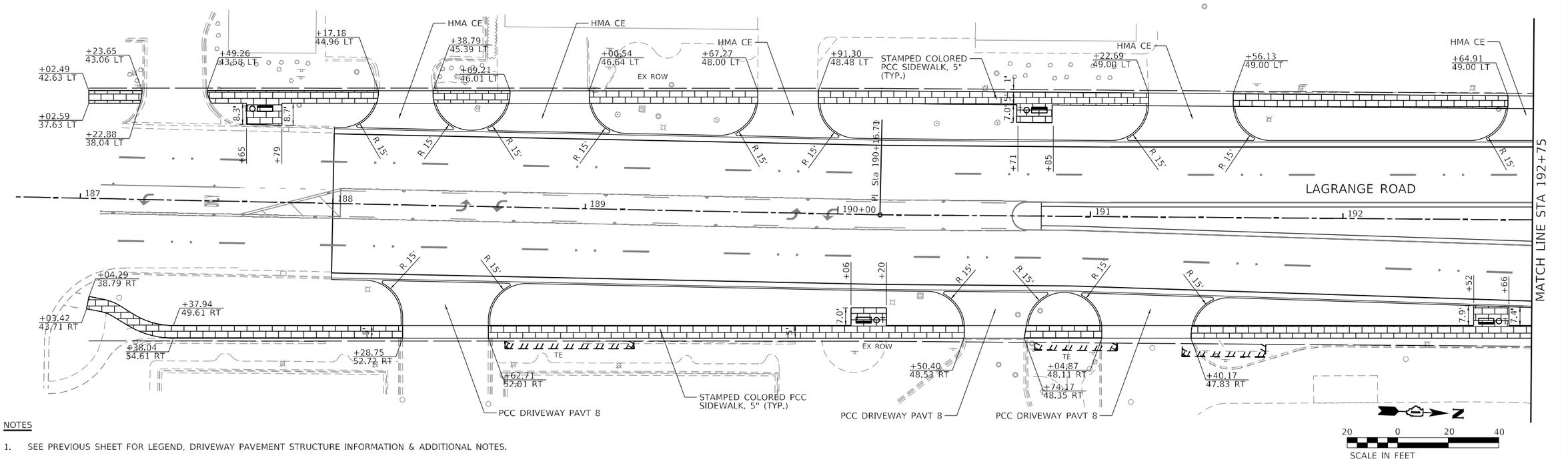
USER NAME = rjiang	DESIGNED - HTS	REVISED -	
	DRAWN - HTS	REVISED -	
PLOT SCALE = 40.0009 ' / in.	CHECKED - RGJ	REVISED -	
PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -	

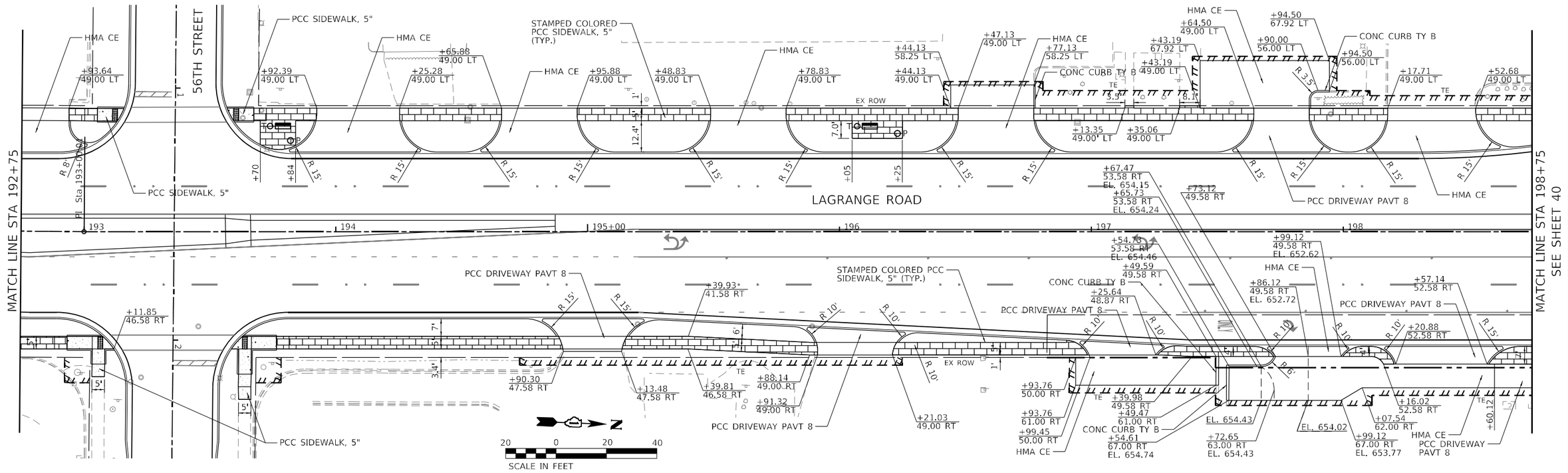
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET
SIDEWALK /SHARED–USE PATH /DRIVEWAY DETAILS

SCALE: 1" = 20' | SHEET 4 OF 6 SHEETS | STA. 112+50 TO STA. 120+41.46

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	42
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	

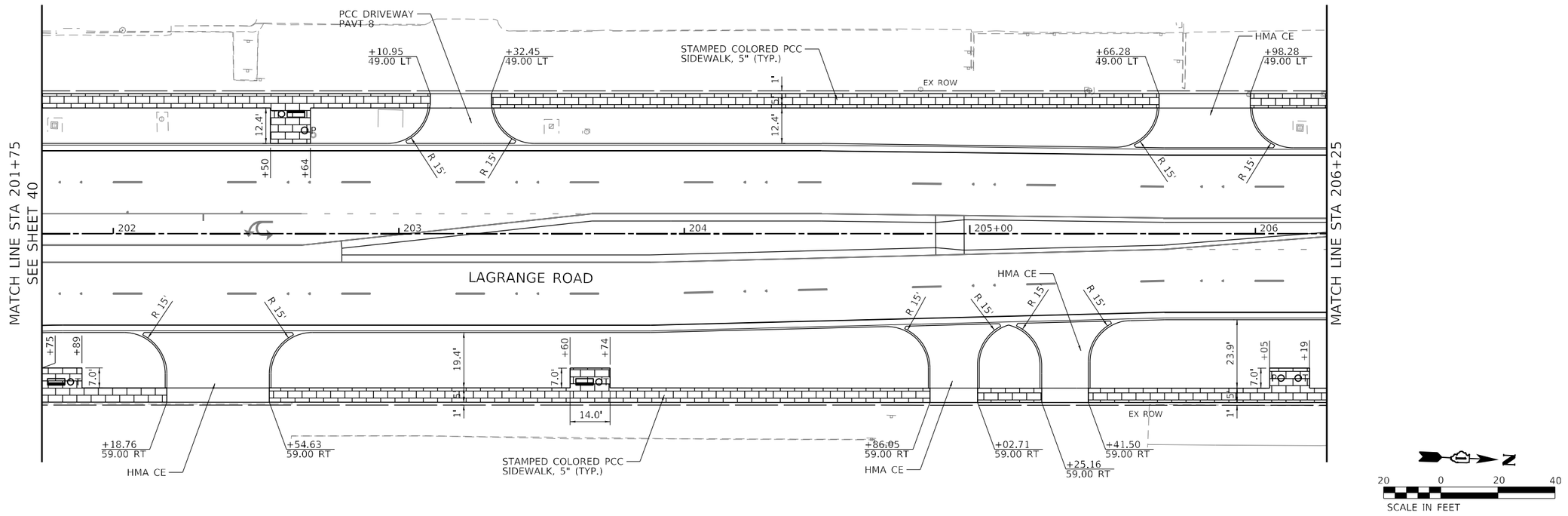




BURNS McDONNELL	USER NAME = rjiang	DESIGNED - HTS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US ROUTE 12/20/45 (LAGRANGE ROAD) SIDEWALK /MULTI-USE PATH /DRIVEWAY DETAILS
		DRAWN - HTS	REVISED -		
	PLOT SCALE = 40.0020 ' / in.	CHECKED - RGJ	REVISED -		SCALE: 1" = 20' | SHEET 5 OF 6 SHEETS | STA. 188+00 TO STA. 198+75
	PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	43
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

MODEL: Default
FILE NAME: 121166-int-dln-sdwk-05.dgn



DRIVEWAY PAVEMENT STRUCTURE

HOT-MIX ASPHALT COMMERCIAL ENTRANCE:

HMA SRF CSE, MIX "D", N50 (IL-9.5mm); 2"
HMA BSE CSE, 8"
SUBBASE GRANULAR MATERIAL, TYPE B 4"

HOT-MIX ASPHALT PRIVATE ENTRANCE:

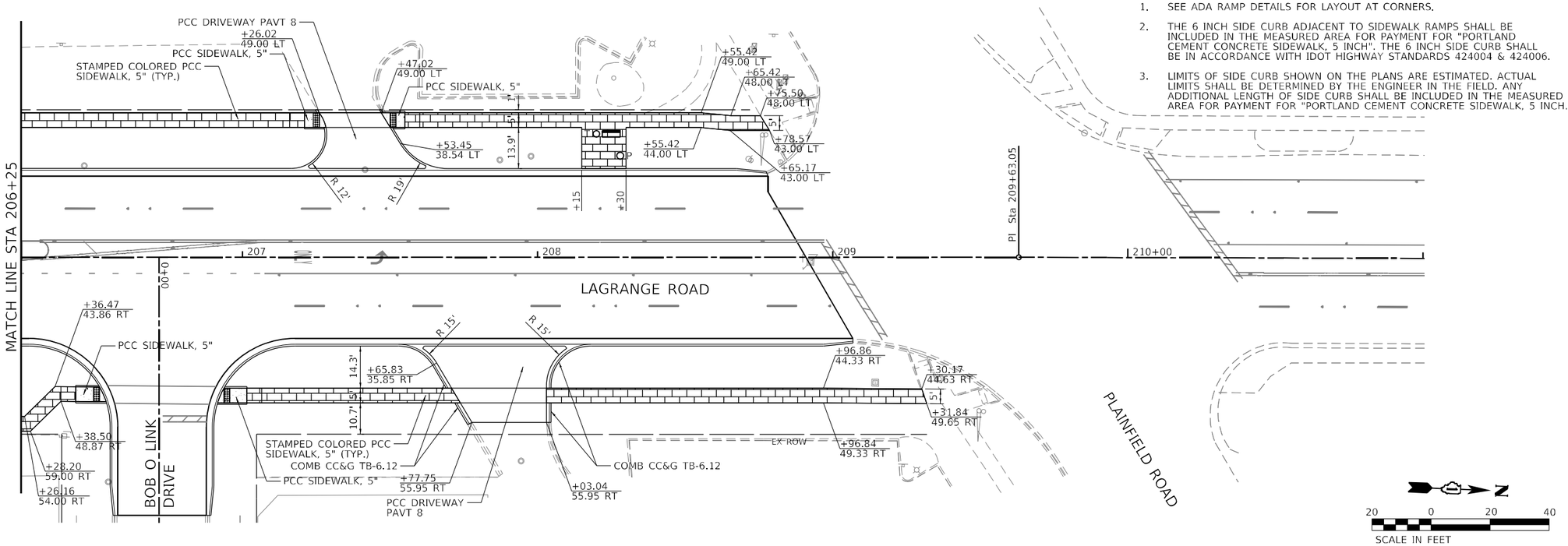
HMA SRF CSE, MIX "D", N50 (IL-9.5mm); 2"
HMA BSE CSE, 6"
SUBBASE GRANULAR MATERIAL, TYPE B 4"

CONCRETE COMMERCIAL ENTRANCE:

PCC DRIVEWAY PAVEMENT, 8"
SUBBASE GRANULAR MATERIAL, TYPE B 4"

NOTES

1. SEE ADA RAMP DETAILS FOR LAYOUT AT CORNERS.
2. THE 6 INCH SIDE CURB ADJACENT TO SIDEWALK RAMPS SHALL BE INCLUDED IN THE MEASURED AREA FOR PAYMENT FOR "PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH". THE 6 INCH SIDE CURB SHALL BE IN ACCORDANCE WITH IDOT HIGHWAY STANDARDS 424004 & 424006.
3. LIMITS OF SIDE CURB SHOWN ON THE PLANS ARE ESTIMATED. ACTUAL LIMITS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. ANY ADDITIONAL LENGTH OF SIDE CURB SHALL BE INCLUDED IN THE MEASURED AREA FOR PAYMENT FOR "PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH."



LEGEND

- PCC SIDEWALK, 5" SUBBASE GRANULAR MATERIAL, TYPE B 2"
- PCC SIDEWALK, 8" SUBBASE GRANULAR MATERIAL, TYPE B 2"
- MULTI-USE PATH PCC SIDEWALK, 5" AGG BSE CSE, TY B 6"
- STAMPED PCC SIDEWALK, 5" SUBBASE GRANULAR MATERIAL, TYPE B 2"
- DETECTABLE WARNINGS
- PROPOSED PLANTER
- PROPOSED TRASH RECEPTACLE
- PROPOSED BENCH

MODEL: Default
FILE NAME: 121166-sht-plan-sdwk-06.dgn

BURNS McDONNELL

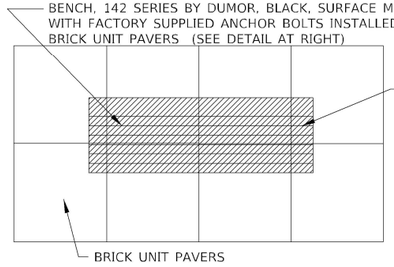
USER NAME = rjiang	DESIGNED - HTS	REVISED -	
	DRAWN - HTS	REVISED -	
PLOT SCALE = 40.0020 ' / in.	CHECKED - RGJ	REVISED -	
PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 12/20/45 (LAGRANGE ROAD)
SIDEWALK /MULTI-USE PATH /DRIVEWAY DETAILS

SCALE: 1" = 20' | SHEET 6 OF 6 SHEETS | STA. 201+75 TO STA. 209+06.84

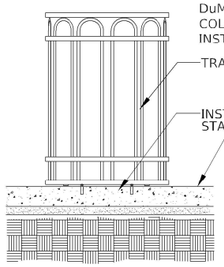
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	44
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	



NOTE: FOR BENCHES INSTALLED ON STAMPED COLORED SIDEWALK, PLEASE INSTALL USING MANUFACTURER'S SUPPLIED HARDWARE.

BRICK PAVER SEATING AREAS

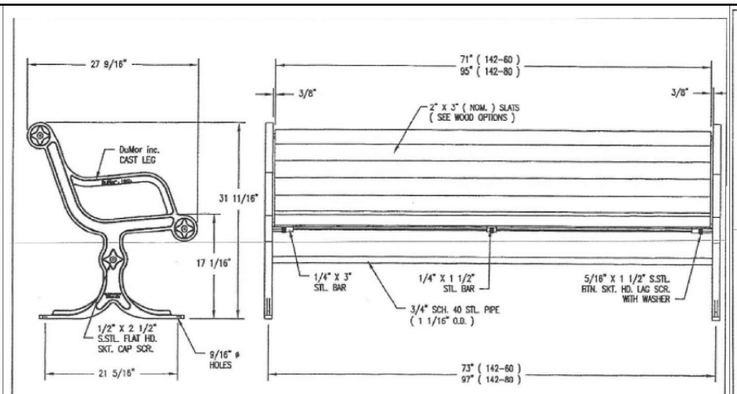
NOT TO SCALE

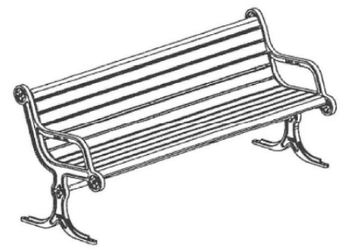


NOTE:
INSTALL USING MANUFACTURERS SUPPLIED HARDWARE

TRASH RECEPTACLE INSTALLATION

NOT TO SCALE





LENGTH OPTIONS
- ☐ 6' BENCH
- ☐ 8' BENCH

☐ CUSTOM LETTERING (37 SPACES) _____

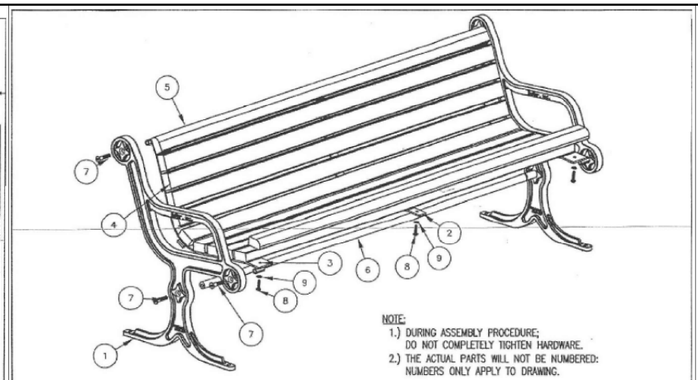
NOTES
1.) ALL STL. MEMBERS COATED W/ ZINC RICH EPOXY THEN FINISHED W/ POLYESTER POWDER COATING.
2.) ALL WOOD MEMBERS TREATED W/ CLEAR PRESERVATIVE.
3.) 1/2" X 3 3/4" EXPANSION ANCHOR BOLTS PROVIDED.
4.) CUSTOM LETTERING AVAILABLE FOR RECESSED SIDE PANELS (TOTAL OF 37 SPACES).

WOOD OPTIONS
- ☐ CLEAR ALL HEART REDWOOD S4S EE
- ☐ 'C' & BTR. DOUGLAS FIR KD S4S EE
- ☐ CLEAR IPE S4S EE
- ☐ OTHER

SCALE : NONE	TITLE : BENCH PATENT D467-101		
DATE DRAWN : 7/10/01			
DRAWN BY : AH	REV. B	DRAWING NUMBER 142 SERIES	SHEET 1 OF 2
DATE REV. : 12/15/08			
REV. BY : ESS			

BENCH DETAILS

NOT TO SCALE



STEP 1:
USE 2 – PCS. CAST IRON BENCH SUPPORT (1)
1 – PC. 71 3/4" PIPE BRACE (6)
2 – PCS. 1/2" X 2 1/2" FLT. SKT. HD. CAP SCR. (7)
ATTACH CAST IRON SUPPORT (1) TO 71 3/4" PIPE BRACE (6) USING HARDWARE (7). TIGHTEN TO SNUG FIT.

STEP 2:
USE 2 – PCS. END CONTOUR STRAP (3)
4 – PCS. 1/2" X 2 1/2" FLT. SKT. HD. CAP SCR. (7)
ATTACH END CONTOUR STRAPS (3) TO STEP 1 ASSEMBLY USING HARDWARE (7). TIGHTEN TO SNUG FIT.

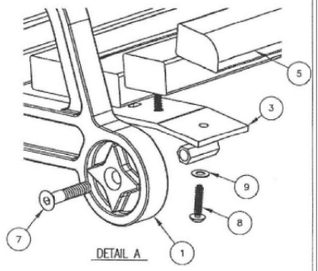
STEP 3:
USE 9 – PCS. 2" X 3" X 71" WOOD INT'R SLAT (4)
2 – PCS. 2" X 3" X 71" WOOD EDGE SLAT (5)
22 – PCS. 5/16" X 1 1/2" SS. BTN. SKT. HD. LAG (8)
22 – PCS. 5/16" SS. FLAT WASHER (9)
ATTACH SLATS (4 & 5) TO STEP 2 ASSEMBLY USING HARDWARE (8 & 9). TIGHTEN TO SNUG FIT.

STEP 4:
USE 1 – PC. CENTER STRAP (2)
11 – PCS. 5/16" X 1 1/2" SS. BTN. SKT. HD. LAG (8)
11 – PCS. 5/16" SS. FLAT WASHER (9)
ATTACH CENTER STRAP (2) TO STEP 3 ASSEMBLY USING HARDWARE (8 & 9). TIGHTEN TO SNUG FIT.

STEP 5:
UPON COMPLETION OF BENCH ASSEMBLY SQUARE ALL COMPONENTS THEN TIGHTEN ALL HARDWARE.

STEP 6:
MOUNT AND ANCHOR AS SPECIFIED.

NOTE:
1.) DURING ASSEMBLY PROCEDURE; DO NOT COMPLETELY TIGHTEN HARDWARE.
2.) THE ACTUAL PARTS WILL NOT BE NUMBERED: NUMBERS ONLY APPLY TO DRAWING.



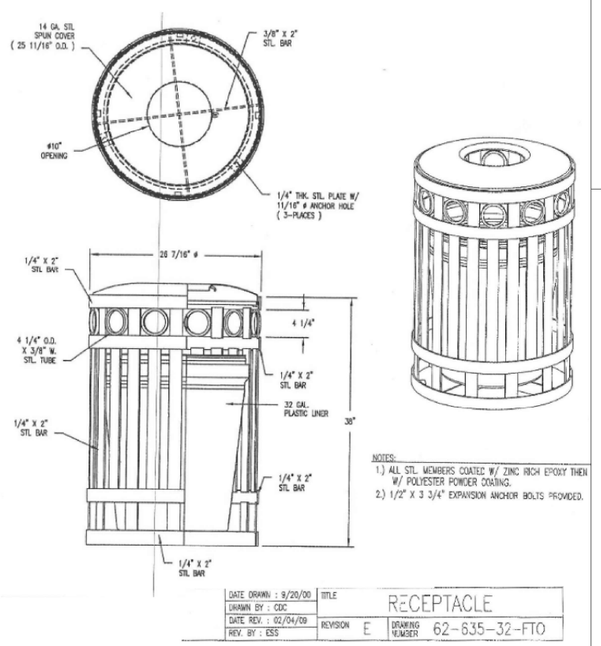
DETAIL A

ITEM	QTY	PART NO	DESCRIPTION
1	2	0-140-00-01	CAST IRON BENCH SUPPORT
2	1	0-57-00-03	CENTER CONTOUR STRAP
3	2	0-57-00-05	END CONTOUR STRAP
4	9	0-57-60-01	2" X 3" X 71" WOOD INT'R SLAT
5	2	0-57-60-02	2" X 3" X 71" WOOD EDGE SLATS
6	1	0-57-60-04	71 3/4" PIPE BRACE
7	6	1-12-065	1/2" X 2 1/2" FLT SKT HD CAP SCR
8	33	1-13-023	5/16" X 1 1/2" SS BTN SKT HD LAG
9	33	1-22-017	5/16" SS FLAT WASHER

SCALE : NONE	TITLE : BENCH ASSEMBLY PATENT D467-101		
DATE DRAWN : 7/10/01			
DRAWN BY : AWH	REV. B	DRAWING NUMBER 142 SERIES	SHEET 2 OF 2
DATE REV. : 12/15/08			
REV. BY : ESS			

BENCH ASSEMBLY

NOT TO SCALE

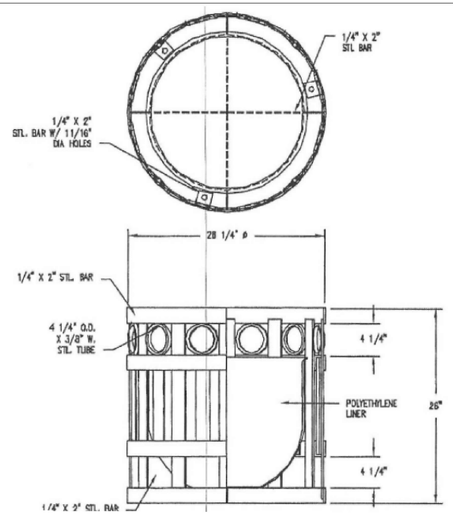


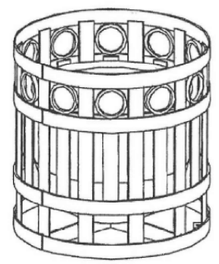
NOTES:
1.) ALL STL. MEMBERS COATED W/ ZINC RICH EPOXY THEN W/ POLYESTER POWDER COATING.
2.) 1/2" X 3 3/4" EXPANSION ANCHOR BOLTS PROVIDED.

DATE DRAWN : 9/20/00	TITLE	RECEPTACLE	
DRAWN BY : CDC			
DATE REV. : 02/04/09	REVISION E	DRAWING NUMBER	62-635-32-FTO
REV. BY : ESS			

TRASH RECEPTACLE DETAILS

NOT TO SCALE





NOTES:
1.) ALL STL. MEMBERS COATED W/ ZINC RICH EPOXY THEN FINISHED W/ POLYESTER POWDER COATING.
2.) 1/2" X 3 3/4" PLTD. EXPANSION ANCHOR BOLTS PROVIDED.

DATE DRAWN : 11/6/00	TITLE	PLANTER	
DRAWN BY : CDC			
DATE REV. :10/11/06	REVISION B	DRAWING NUMBER	63-948
REV. BY : JSB			

PLANTER DETAILS

NOT TO SCALE

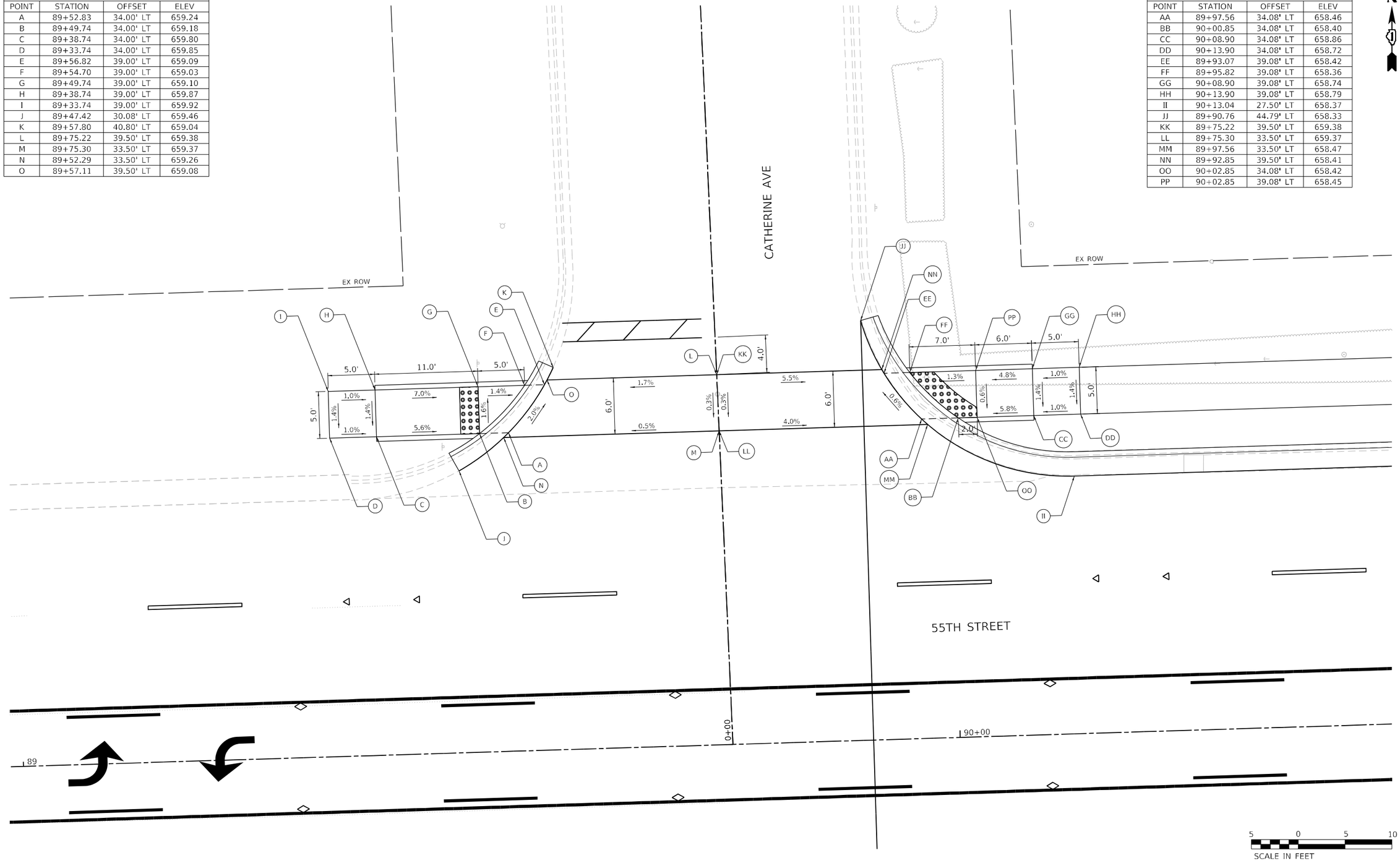
MODEL: Default
FILE NAME: 121166-sht-dwk-det.dgn

BURNS McDONNELL	USER NAME = rjiang	DESIGNED - HTS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LAGRANGE ROAD STREETSCAPE DETAILS
		DRAWN - HTS	REVISED -		
	PLOT SCALE = 2.0000 ' / in.	CHECKED - RGJ	REVISED -		SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.
	PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	45
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	

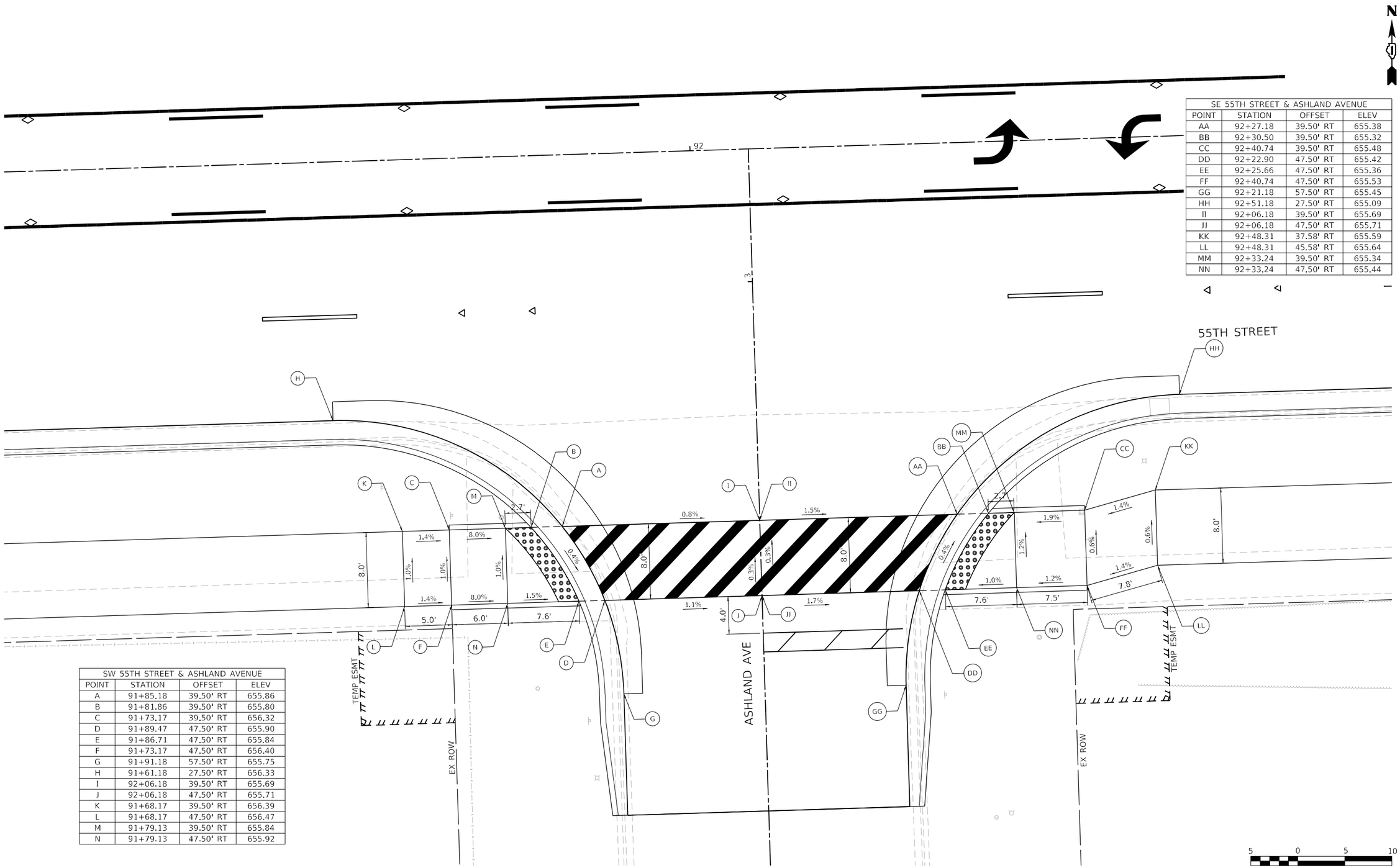
NW 55TH STREET & CATHERINE AVENUE			
POINT	STATION	OFFSET	ELEV
A	89+52.83	34.00' LT	659.24
B	89+49.74	34.00' LT	659.18
C	89+38.74	34.00' LT	659.80
D	89+33.74	34.00' LT	659.85
E	89+56.82	39.00' LT	659.09
F	89+54.70	39.00' LT	659.03
G	89+49.74	39.00' LT	659.10
H	89+38.74	39.00' LT	659.87
I	89+33.74	39.00' LT	659.92
J	89+47.42	30.08' LT	659.46
K	89+57.80	40.80' LT	659.04
L	89+75.22	39.50' LT	659.38
M	89+75.30	33.50' LT	659.37
N	89+52.29	33.50' LT	659.26
O	89+57.11	39.50' LT	659.08

NE 55TH STREET & CATHERINE AVENUE			
POINT	STATION	OFFSET	ELEV
AA	89+97.56	34.08' LT	658.46
BB	90+00.85	34.08' LT	658.40
CC	90+08.90	34.08' LT	658.86
DD	90+13.90	34.08' LT	658.72
EE	89+93.07	39.08' LT	658.42
FF	89+95.82	39.08' LT	658.36
GG	90+08.90	39.08' LT	658.74
HH	90+13.90	39.08' LT	658.79
II	90+13.04	27.50' LT	658.37
JJ	89+90.76	44.79' LT	658.33
KK	89+75.22	39.50' LT	659.38
LL	89+75.30	33.50' LT	659.37
MM	89+97.56	33.50' LT	658.47
NN	89+92.85	39.50' LT	658.41
OO	90+02.85	34.08' LT	658.42
PP	90+02.85	39.08' LT	658.45



MODEL: Default
FILE NAME: 121166-sht-ada-00.dgn

BURNS McDONNELL	USER NAME = rjiang	DESIGNED - RGJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA RAMP DETAILS 55TH STREET & CATHERINE AVE	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RGJ	REVISED -			1504	0104WRS&N-11	COOK	277	46
	PLOT SCALE = 10.0000 ' / in.	CHECKED - JMA	REVISED -					CONTRACT NO. 60R50		
	PLOT DATE = 8/5/2024	DATE - 08/05/2024	REVISED -		SCALE: 1" = 5' SHEET 1 OF 17 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		



SE 55TH STREET & ASHLAND AVENUE			
POINT	STATION	OFFSET	ELEV
AA	92+27.18	39.50' RT	655.38
BB	92+30.50	39.50' RT	655.32
CC	92+40.74	39.50' RT	655.48
DD	92+22.90	47.50' RT	655.42
EE	92+25.66	47.50' RT	655.36
FF	92+40.74	47.50' RT	655.53
GG	92+21.18	57.50' RT	655.45
HH	92+51.18	27.50' RT	655.09
II	92+06.18	39.50' RT	655.69
JJ	92+06.18	47.50' RT	655.71
KK	92+48.31	37.58' RT	655.59
LL	92+48.31	45.58' RT	655.64
MM	92+33.24	39.50' RT	655.34
NN	92+33.24	47.50' RT	655.44

SW 55TH STREET & ASHLAND AVENUE			
POINT	STATION	OFFSET	ELEV
A	91+85.18	39.50' RT	655.86
B	91+81.86	39.50' RT	655.80
C	91+73.17	39.50' RT	656.32
D	91+89.47	47.50' RT	655.90
E	91+86.71	47.50' RT	655.84
F	91+73.17	47.50' RT	656.40
G	91+91.18	57.50' RT	655.75
H	91+61.18	27.50' RT	656.33
I	92+06.18	39.50' RT	655.69
J	92+06.18	47.50' RT	655.71
K	91+68.17	39.50' RT	656.39
L	91+68.17	47.50' RT	656.47
M	91+79.13	39.50' RT	655.84
N	91+79.13	47.50' RT	655.92

MODEL: Default
FILE NAME: 121166-sht-ada-01.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - SPB	REVISED -	
	DRAWN - SPB	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - RGJ	REVISED -	
PLOT DATE = 8/5/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

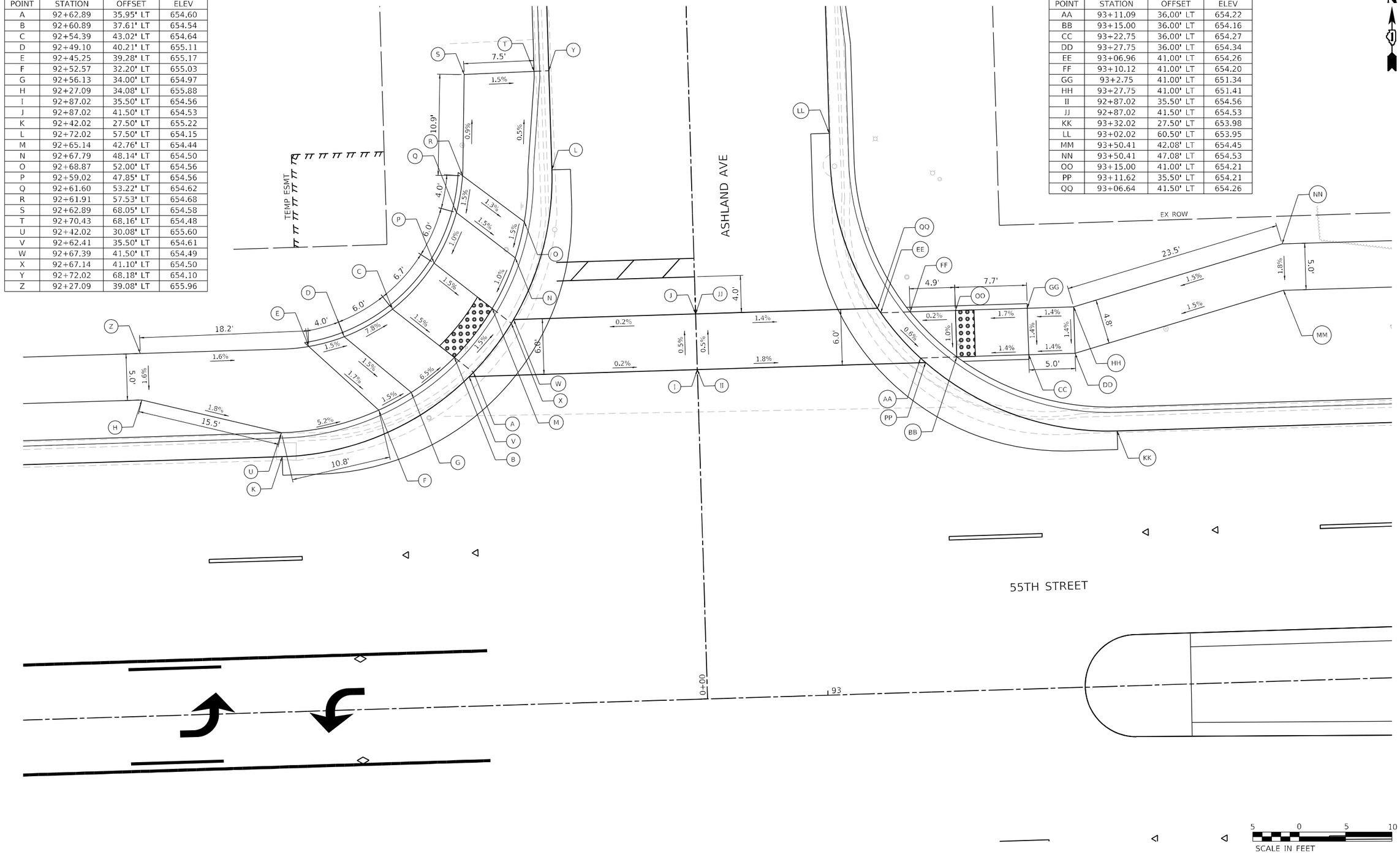
ADA RAMP DETAILS
55TH STREET & ASHLAND AVE

SCALE: 1" = 5' | SHEET 2 OF 17 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	47
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	

NW 55TH STREET & ASHLAND AVENUE			
POINT	STATION	OFFSET	ELEV
A	92+62.89	35.95' LT	654.60
B	92+60.89	37.61' LT	654.54
C	92+54.39	43.02' LT	654.64
D	92+49.10	40.21' LT	655.11
E	92+45.25	39.28' LT	655.17
F	92+52.57	32.20' LT	655.03
G	92+56.13	34.00' LT	654.97
H	92+27.09	34.08' LT	655.88
I	92+87.02	35.50' LT	654.56
J	92+87.02	41.50' LT	654.53
K	92+42.02	27.50' LT	655.22
L	92+72.02	57.50' LT	654.15
M	92+65.14	42.76' LT	654.44
N	92+67.79	48.14' LT	654.50
O	92+68.87	52.00' LT	654.56
P	92+59.02	47.85' LT	654.56
Q	92+61.60	53.22' LT	654.62
R	92+61.91	57.53' LT	654.68
S	92+62.89	68.05' LT	654.58
T	92+70.43	68.16' LT	654.48
U	92+42.02	30.08' LT	655.60
V	92+62.41	35.50' LT	654.61
W	92+67.39	41.50' LT	654.49
X	92+67.14	41.10' LT	654.50
Y	92+72.02	68.18' LT	654.10
Z	92+27.09	39.08' LT	655.96

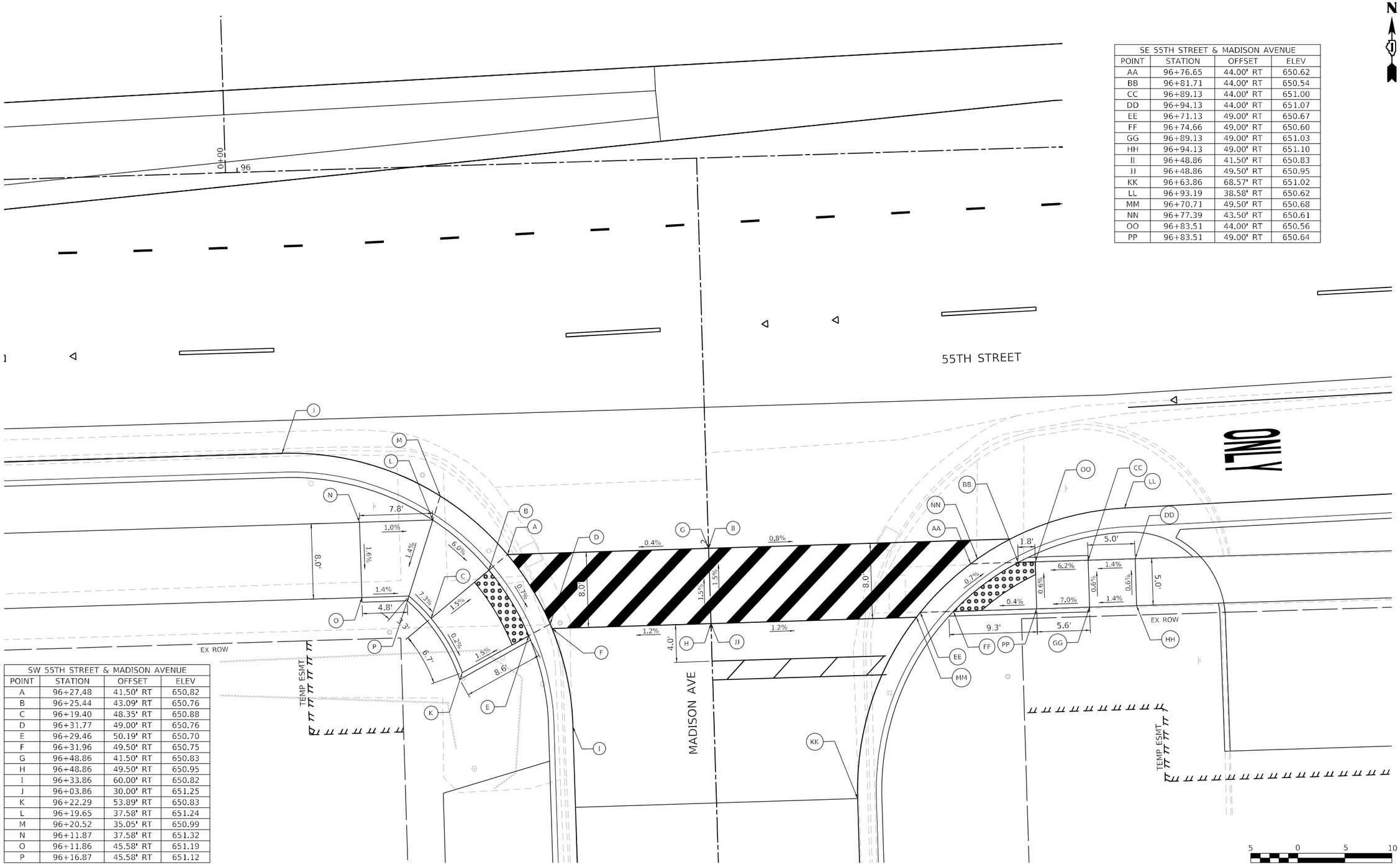
NE 55TH STREET & ASHLAND AVENUE			
POINT	STATION	OFFSET	ELEV
AA	93+11.09	36.00' LT	654.22
BB	93+15.00	36.00' LT	654.16
CC	93+22.75	36.00' LT	654.27
DD	93+27.75	36.00' LT	654.34
EE	93+06.96	41.00' LT	654.26
FF	93+10.12	41.00' LT	654.20
GG	93+2.75	41.00' LT	651.34
HH	93+27.75	41.00' LT	651.41
II	92+87.02	35.50' LT	654.56
JJ	92+87.02	41.50' LT	654.53
KK	93+32.02	27.50' LT	653.98
LL	93+02.02	60.50' LT	653.95
MM	93+50.41	42.08' LT	654.45
NN	93+50.41	47.08' LT	654.53
OO	93+15.00	41.00' LT	654.21
PP	93+11.62	35.50' LT	654.21
QQ	93+06.64	41.50' LT	654.26



BURNS McDONNELL	USER NAME = rjlang	DESIGNED - SPB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA RAMP DETAILS 55TH STREET & ASHLAND AVE
		DRAWN - SPB	REVISED -		
	PLOT SCALE = 10.0000 ' / in.	CHECKED - RGJ	REVISED -		
	PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -		SCALE: 1" = 5' SHEET 3 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	48
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

MODEL: Default
FILE NAME: I:\166-th-00-02.dgn



SE 55TH STREET & MADISON AVENUE			
POINT	STATION	OFFSET	ELEV
AA	96+76.65	44.00' RT	650.62
BB	96+81.71	44.00' RT	650.54
CC	96+89.13	44.00' RT	651.00
DD	96+94.13	44.00' RT	651.07
EE	96+71.13	49.00' RT	650.67
FF	96+74.66	49.00' RT	650.60
GG	96+89.13	49.00' RT	651.03
HH	96+94.13	49.00' RT	651.10
II	96+48.86	41.50' RT	650.83
JJ	96+48.86	49.50' RT	650.95
KK	96+63.86	68.57' RT	651.02
LL	96+93.19	38.58' RT	650.62
MM	96+70.71	49.50' RT	650.68
NN	96+77.39	43.50' RT	650.61
OO	96+83.51	44.00' RT	650.56
PP	96+83.51	49.00' RT	650.64

SW 55TH STREET & MADISON AVENUE			
POINT	STATION	OFFSET	ELEV
A	96+27.48	41.50' RT	650.82
B	96+25.44	43.09' RT	650.76
C	96+19.40	48.35' RT	650.88
D	96+31.77	49.00' RT	650.76
E	96+29.46	50.19' RT	650.70
F	96+31.96	49.50' RT	650.75
G	96+48.86	41.50' RT	650.83
H	96+48.86	49.50' RT	650.95
I	96+33.86	60.00' RT	650.82
J	96+03.86	30.00' RT	651.25
K	96+22.29	53.89' RT	650.83
L	96+19.65	37.58' RT	651.24
M	96+20.52	35.05' RT	650.99
N	96+11.87	37.58' RT	651.32
O	96+11.86	45.58' RT	651.19
P	96+16.87	45.58' RT	651.12

MODEL: Default
FILE NAME: 121166-sht-ada-03.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - SPB	REVISED -	
	DRAWN - SPB	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - RGJ	REVISED -	
PLOT DATE = 8/5/2024	DATE - 08/05/2024	REVISED -	

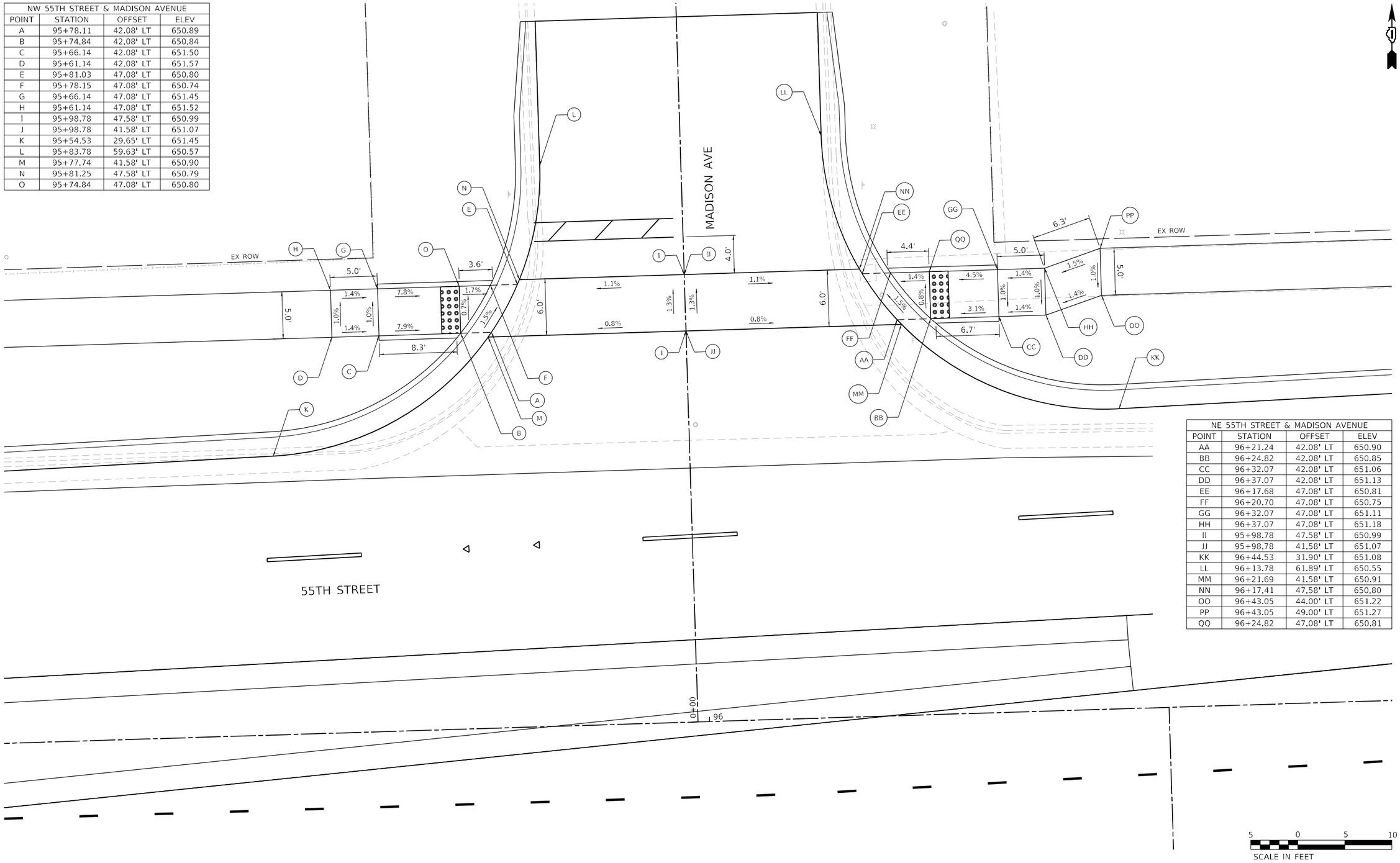
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
55TH STREET & MADISON AVE

SCALE: 1" = 5' | SHEET 4 OF 17 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	49
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	

NW 55TH STREET & MADISON AVENUE			
POINT	STATION	OFFSET	ELEV
A	95+78.11	42.08' LT	650.89
B	95+74.84	42.08' LT	650.84
C	95+66.14	42.08' LT	651.50
D	95+61.14	42.08' LT	651.57
E	95+81.03	47.08' LT	650.80
F	95+78.15	47.08' LT	650.74
G	95+66.14	47.08' LT	651.45
H	95+61.14	47.08' LT	651.52
I	95+98.78	47.58' LT	650.99
J	95+98.78	41.58' LT	651.07
K	95+54.53	29.65' LT	651.45
L	95+83.78	59.63' LT	650.57
M	95+77.74	41.58' LT	650.90
N	95+81.25	47.58' LT	650.79
O	95+74.84	47.08' LT	650.80



NE 55TH STREET & MADISON AVENUE			
POINT	STATION	OFFSET	ELEV
AA	96+21.24	42.08' LT	650.90
BB	96+24.82	42.08' LT	650.85
CC	96+32.07	42.08' LT	651.06
DD	96+37.07	42.08' LT	651.13
EE	96+17.68	47.08' LT	650.81
FF	96+20.70	47.08' LT	650.75
GG	96+32.07	47.08' LT	651.11
HH	96+37.07	47.08' LT	651.18
II	95+98.78	47.58' LT	650.99
JJ	95+98.78	41.58' LT	651.07
KK	96+44.53	31.90' LT	651.08
LL	96+13.78	61.89' LT	650.55
MM	96+21.69	41.58' LT	650.91
NN	96+17.41	47.58' LT	650.80
OO	96+43.05	44.00' LT	651.22
PP	96+43.05	49.00' LT	651.27
QQ	96+24.82	47.08' LT	650.81

MODEL: Default
FILE NAME: I:\166-th-503-04.dgn

BURNS McDONNELL

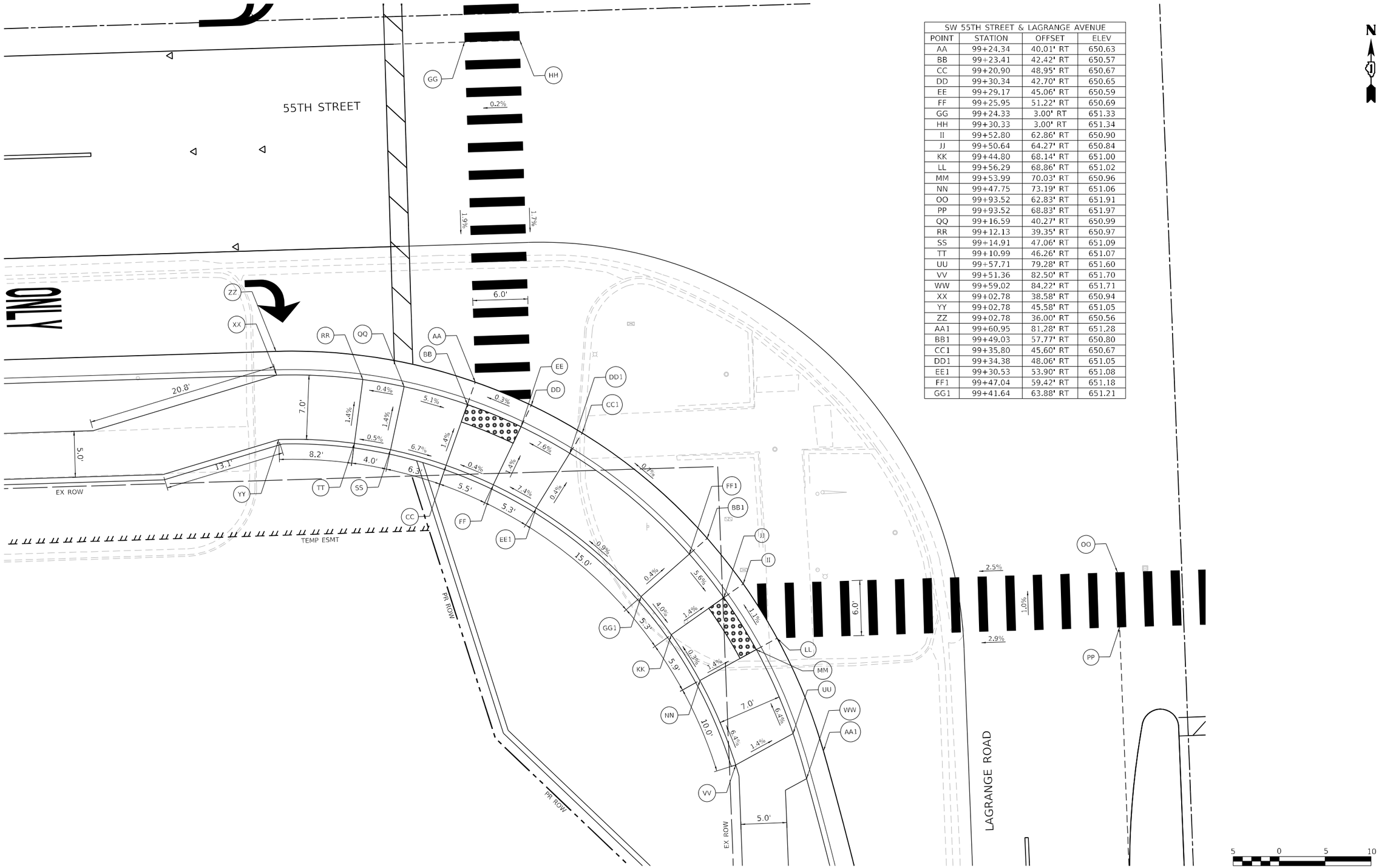
USER NAME = rjlang	DESIGNED - SPB	REVISED -	
	DRAWN - SPB	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - RGJ	REVISED -	
PLOT DATE = 8/5/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
55TH STREET & MADISON AVE

SCALE: 1" = 5' | SHEET 5 OF 17 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	50
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		



SW 55TH STREET & LAGRANGE AVENUE			
POINT	STATION	OFFSET	ELEV
AA	99+24.34	40.01' RT	650.63
BB	99+23.41	42.42' RT	650.57
CC	99+20.90	48.95' RT	650.67
DD	99+30.34	42.70' RT	650.65
EE	99+29.17	45.06' RT	650.59
FF	99+25.95	51.22' RT	650.69
GG	99+24.33	3.00' RT	651.33
HH	99+30.33	3.00' RT	651.34
II	99+52.80	62.86' RT	650.90
JJ	99+50.64	64.27' RT	650.84
KK	99+44.80	68.14' RT	651.00
LL	99+56.29	68.86' RT	651.02
MM	99+53.99	70.03' RT	650.96
NN	99+47.75	73.19' RT	651.06
OO	99+93.52	62.83' RT	651.91
PP	99+93.52	68.83' RT	651.97
QQ	99+16.59	40.27' RT	650.99
RR	99+12.13	39.35' RT	650.97
SS	99+14.91	47.06' RT	651.09
TT	99+10.99	46.26' RT	651.07
UU	99+57.71	79.28' RT	651.60
VV	99+51.36	82.50' RT	651.70
WW	99+59.02	84.22' RT	651.71
XX	99+02.78	38.58' RT	650.94
YY	99+02.78	45.58' RT	651.05
ZZ	99+02.78	36.00' RT	650.56
AA1	99+60.95	81.28' RT	651.28
BB1	99+49.03	57.77' RT	650.80
CC1	99+35.80	45.60' RT	650.67
DD1	99+34.38	48.06' RT	651.05
EE1	99+30.53	53.90' RT	651.08
FF1	99+47.04	59.42' RT	651.18
GG1	99+41.64	63.88' RT	651.21

MODEL: Default
FILE NAME: 121166-sht-ada-05.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - JMA	REVISED -	
PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
55TH STREET & LAGRANGE ROAD

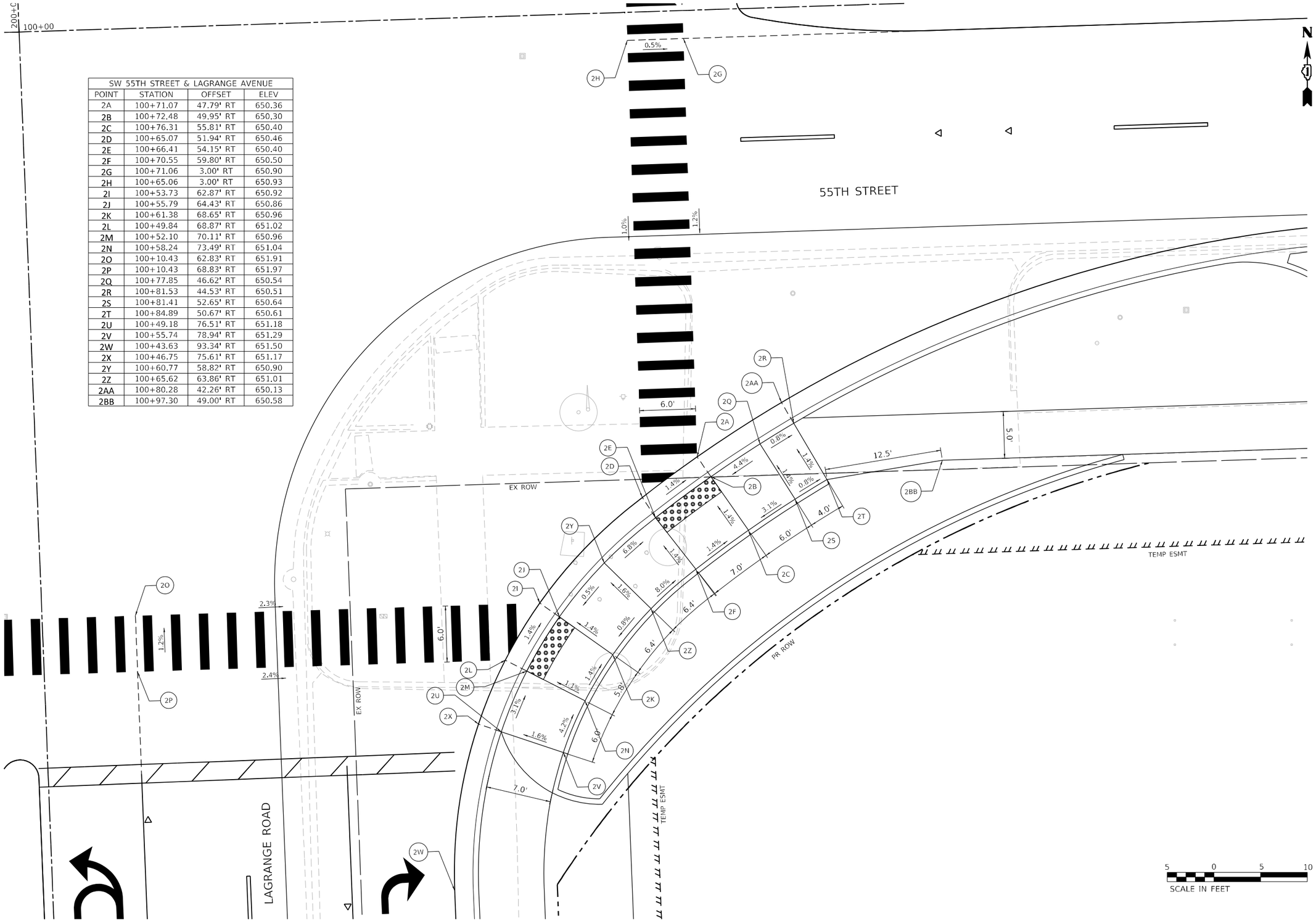
SCALE: 1" = 5' | SHEET 6 OF 17 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	51

CONTRACT NO. 60R50

ILLINOIS | FED. AID PROJECT

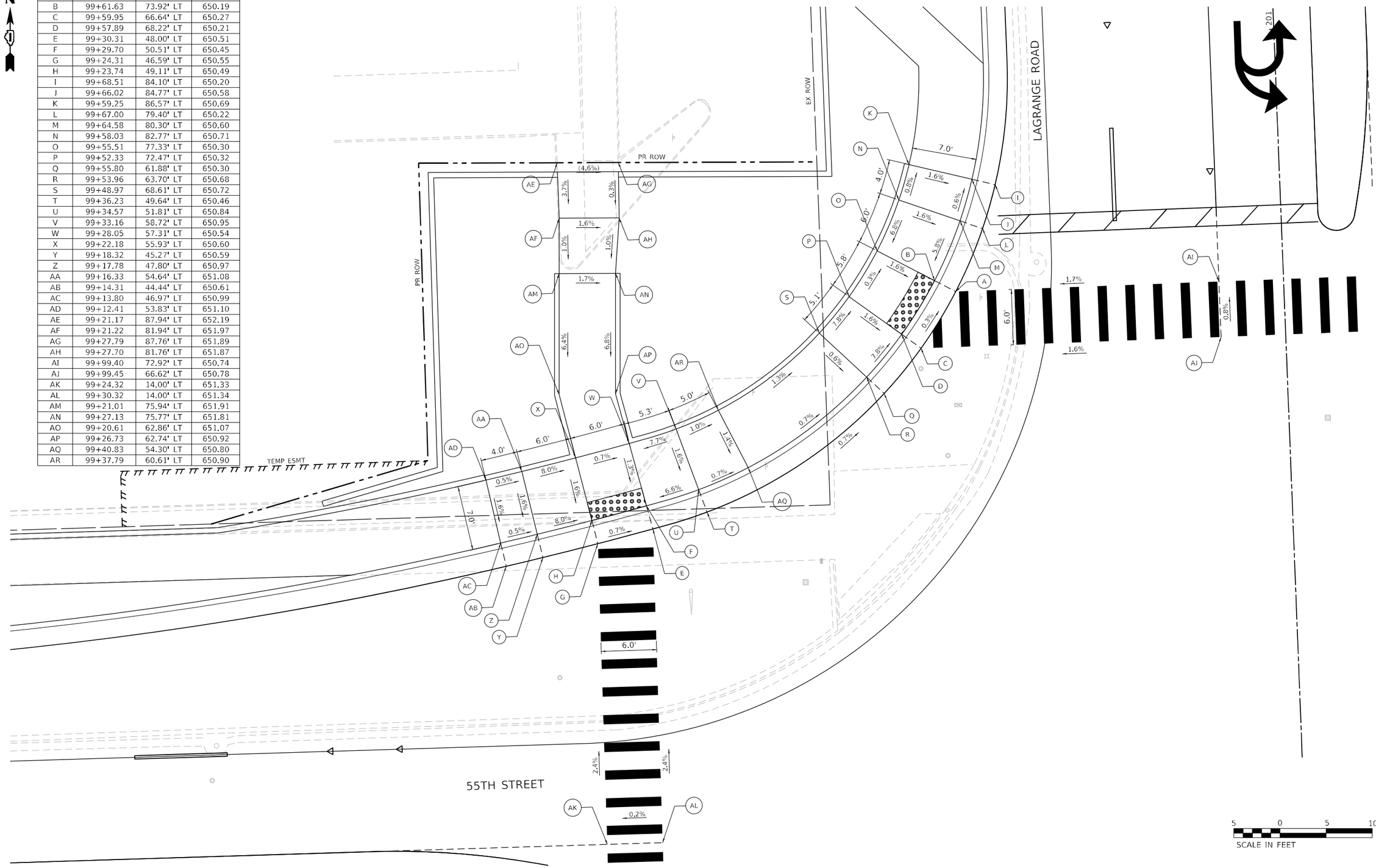
SW 55TH STREET & LAGRANGE AVENUE			
POINT	STATION	OFFSET	ELEV
2A	100+71.07	47.79' RT	650.36
2B	100+72.48	49.95' RT	650.30
2C	100+76.31	55.81' RT	650.40
2D	100+65.07	51.94' RT	650.46
2E	100+66.41	54.15' RT	650.40
2F	100+70.55	59.80' RT	650.50
2G	100+71.06	3.00' RT	650.90
2H	100+65.06	3.00' RT	650.93
2I	100+53.73	62.87' RT	650.92
2J	100+55.79	64.43' RT	650.86
2K	100+61.38	68.65' RT	650.96
2L	100+49.84	68.87' RT	651.02
2M	100+52.10	70.11' RT	650.96
2N	100+58.24	73.49' RT	651.04
2O	100+10.43	62.83' RT	651.91
2P	100+10.43	68.83' RT	651.97
2Q	100+77.85	46.62' RT	650.54
2R	100+81.53	44.53' RT	650.51
2S	100+81.41	52.65' RT	650.64
2T	100+84.89	50.67' RT	650.61
2U	100+49.18	76.51' RT	651.18
2V	100+55.74	78.94' RT	651.29
2W	100+43.63	93.34' RT	651.50
2X	100+46.75	75.61' RT	651.17
2Y	100+60.77	58.82' RT	650.90
2Z	100+65.62	63.86' RT	651.01
2AA	100+80.28	42.26' RT	650.13
2BB	100+97.30	49.00' RT	650.58



MODEL: Default
FILE NAME: 121166-sht-ada-06.dgn

BURNS McDONNELL	USER NAME = rjiang	DESIGNED - RGJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA RAMP DETAILS 55TH STREET & LAGRANGE ROAD	F.A.U. RTE. 1504	SECTION 0104WRS&N-11	COUNTY COOK	TOTAL SHEETS 277	SHEET NO. 52
		DRAWN - RGJ	REVISED -					CONTRACT NO. 60R50		
	PLOT SCALE = 10.0000 ' / in.	CHECKED - JMA	REVISED -							
	PLOT DATE = 8/5/2024	DATE - 08/05/2024	REVISED -		SCALE: 1" = XX' SHEET 7 OF 17 SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT		

NW 55TH STREET & LAGRANGE AVENUE			
POINT	STATION	OFFSET	ELEV
A	99+63.88	72.67' LT	650.25
B	99+61.63	73.92' LT	650.19
C	99+59.95	66.64' LT	650.27
D	99+57.89	68.22' LT	650.21
E	99+30.31	48.00' LT	650.51
F	99+29.70	50.51' LT	650.45
G	99+24.31	46.59' LT	650.55
H	99+23.74	49.11' LT	650.49
I	99+68.51	84.10' LT	650.20
J	99+66.02	84.77' LT	650.58
K	99+59.25	86.57' LT	650.69
L	99+67.00	79.40' LT	650.22
M	99+64.58	80.30' LT	650.60
N	99+58.03	82.77' LT	650.71
O	99+55.51	77.33' LT	650.30
P	99+52.33	72.47' LT	650.32
Q	99+55.80	61.88' LT	650.30
R	99+53.96	63.70' LT	650.68
S	99+48.97	68.61' LT	650.72
T	99+36.23	49.64' LT	650.46
U	99+34.57	51.81' LT	650.84
V	99+33.16	58.72' LT	650.95
W	99+28.05	57.31' LT	650.54
X	99+22.18	55.93' LT	650.60
Y	99+18.32	45.27' LT	650.59
Z	99+17.78	47.80' LT	650.97
AA	99+16.33	54.64' LT	651.08
AB	99+14.31	44.44' LT	650.61
AC	99+13.80	46.97' LT	650.99
AD	99+12.41	53.83' LT	651.10
AE	99+21.17	87.94' LT	652.19
AF	99+21.22	81.94' LT	651.97
AG	99+27.79	87.76' LT	651.89
AH	99+27.70	81.76' LT	651.87
AI	99+99.40	72.92' LT	650.74
AJ	99+99.45	66.62' LT	650.78
AK	99+24.32	14.00' LT	651.33
AL	99+30.32	14.00' LT	651.34
AM	99+21.01	75.94' LT	651.91
AN	99+27.13	75.77' LT	651.81
AO	99+20.61	62.86' LT	651.07
AP	99+26.73	62.74' LT	650.92
AQ	99+40.83	54.30' LT	650.80
AR	99+37.79	60.61' LT	650.90



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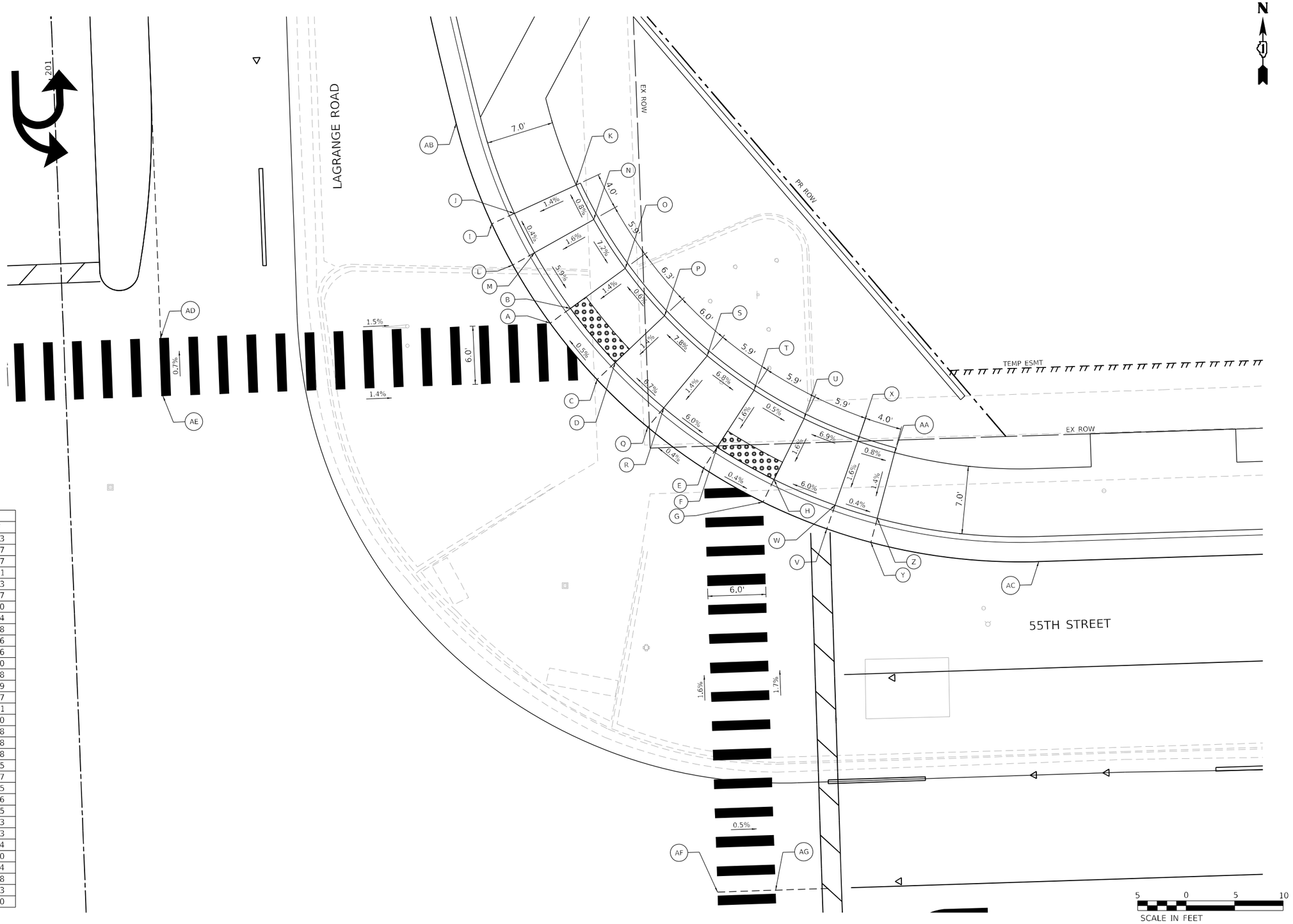
BURNS McDONNELL	USER NAME = rjiang	DESIGNED - RGJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA RAMP DETAILS 55TH STREET & LAGRANGE ROAD	F.A.U. RTE. 1504	SECTION 0104WRS&N-11	COUNTY COOK	TOTAL SHEETS 277	SHEET NO. 53
		DRAWN - RGJ	REVISED -					CONTRACT NO. 60R50		
	PLOT SCALE = 10.0000 ' / in.	CHECKED - JMA	REVISED -							
	PLOT DATE = 8/5/2024	DATE - 08/05/2024	REVISED -		SCALE: 1" = 5' SHEET 8 OF 17 SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT		



NE 55TH STREET & LAGRANGE AVENUE			
POINT	STATION	OFFSET	ELEV
A	100+49.70	73.21' LT	650.13
B	100+51.84	74.66' LT	650.07
C	100+54.35	67.23' LT	650.17
D	100+56.29	68.95' LT	650.11
E	100+65.03	57.74' LT	650.23
F	100+66.50	59.86' LT	650.17
G	100+71.04	54.06' LT	650.20
H	100+72.26	56.34' LT	650.14
I	100+44.02	83.64' LT	650.08
J	100+46.40	84.64' LT	650.46
K	100+52.84	87.37' LT	650.56
L	100+46.04	79.33' LT	650.10
M	100+48.33	80.52' LT	650.48
N	100+54.54	83.75' LT	650.59
O	100+57.62	78.61' LT	650.17
P	100+61.53	73.59' LT	650.21
Q	100+59.42	62.16' LT	650.20
R	100+61.13	64.09' LT	650.58
S	100+65.78	69.32' LT	650.68
T	100+70.50	65.61' LT	650.28
U	100+75.55	62.52' LT	650.25
V	100+77.53	51.08' LT	650.17
W	100+78.46	53.49' LT	650.55
X	100+81.00	60.01' LT	650.66
Y	100+82.03	49.53' LT	650.15
Z	100+82.77	52.00' LT	650.53
AA	100+84.79	58.71' LT	650.63
AB	100+40.68	94.11' LT	650.04
AC	100+99.28	47.00' LT	650.10
AD	100+09.51	72.98' LT	650.74
AE	100+09.55	66.98' LT	650.78
AF	100+65.06	14.00' LT	650.93
AG	100+71.06	14.00' LT	650.90

MODEL: Default
FILE NAME: 121166-sht-ada-08.dgn

BURNS McDONNELL

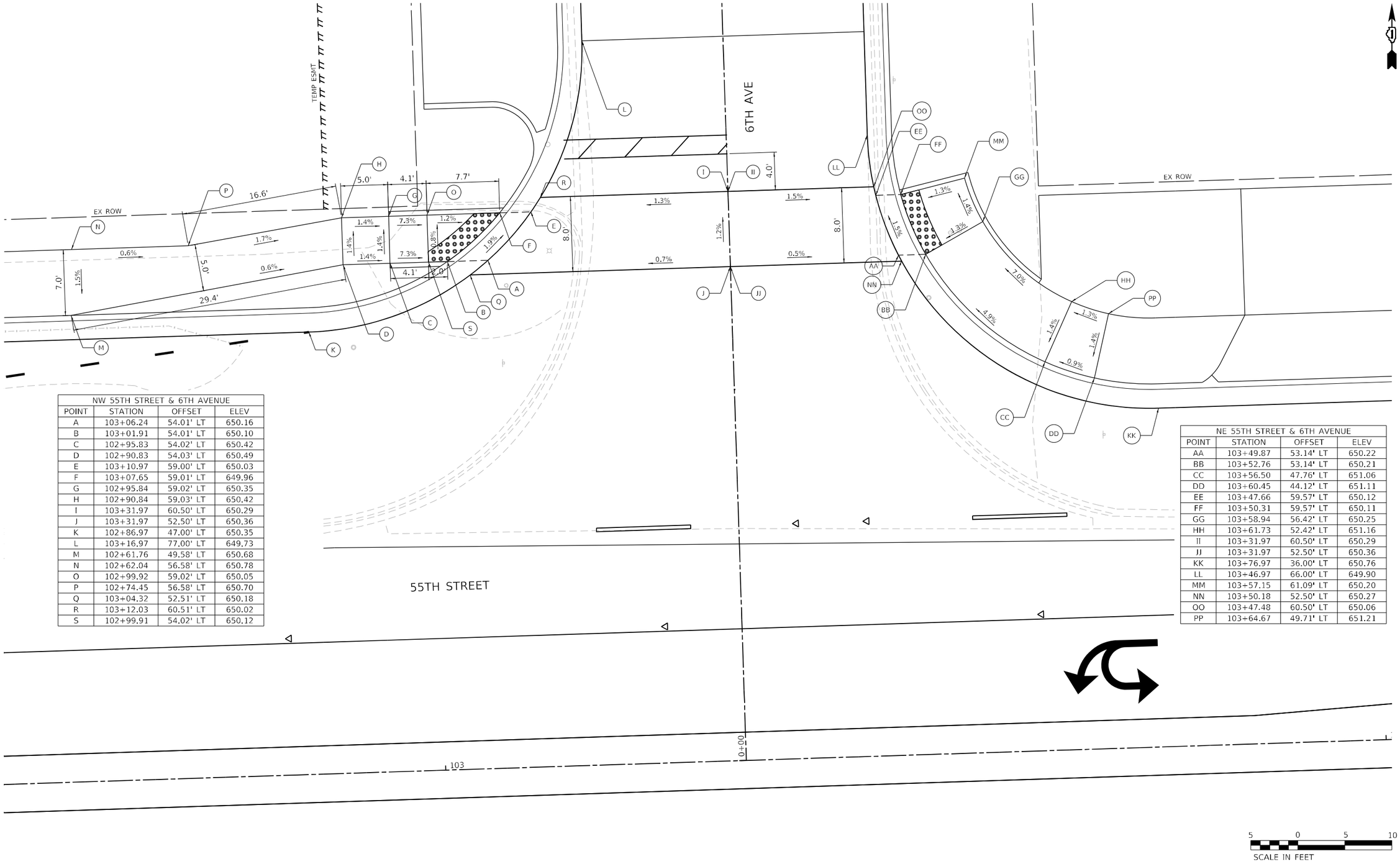
USER NAME = rjiang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - JMA	REVISED -	
PLOT DATE = 8/5/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
55TH STREET & LAGRANGE ROAD

SCALE: 1" = 5' | SHEET 9 OF 17 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	54
		CONTRACT NO. 60R50		
		ILLINOIS FED. AID PROJECT		



NW 55TH STREET & 6TH AVENUE			
POINT	STATION	OFFSET	ELEV
A	103+06.24	54.01' LT	650.16
B	103+01.91	54.01' LT	650.10
C	102+95.83	54.02' LT	650.42
D	102+90.83	54.03' LT	650.49
E	103+10.97	59.00' LT	650.03
F	103+07.65	59.01' LT	649.96
G	102+95.84	59.02' LT	650.35
H	102+90.84	59.03' LT	650.42
I	103+31.97	60.50' LT	650.29
J	103+31.97	52.50' LT	650.36
K	102+86.97	47.00' LT	650.35
L	103+16.97	77.00' LT	649.73
M	102+61.76	49.58' LT	650.68
N	102+62.04	56.58' LT	650.78
O	102+99.92	59.02' LT	650.05
P	102+74.45	56.58' LT	650.70
Q	103+04.32	52.51' LT	650.18
R	103+12.03	60.51' LT	650.02
S	102+99.91	54.02' LT	650.12

NE 55TH STREET & 6TH AVENUE			
POINT	STATION	OFFSET	ELEV
AA	103+49.87	53.14' LT	650.22
BB	103+52.76	53.14' LT	650.21
CC	103+56.50	47.76' LT	651.06
DD	103+60.45	44.12' LT	651.11
EE	103+47.66	59.57' LT	650.12
FF	103+50.31	59.57' LT	650.11
GG	103+58.94	56.42' LT	650.25
HH	103+61.73	52.42' LT	651.16
II	103+31.97	60.50' LT	650.29
JJ	103+31.97	52.50' LT	650.36
KK	103+76.97	36.00' LT	650.76
LL	103+46.97	66.00' LT	649.90
MM	103+57.15	61.09' LT	650.20
NN	103+50.18	52.50' LT	650.27
OO	103+47.48	60.50' LT	650.06
PP	103+64.67	49.71' LT	651.21

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BURNS McDONNELL

USER NAME = rjiang	DESIGNED - HTS	REVISED -	
	DRAWN - HTS	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - RGJ	REVISED -	
PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

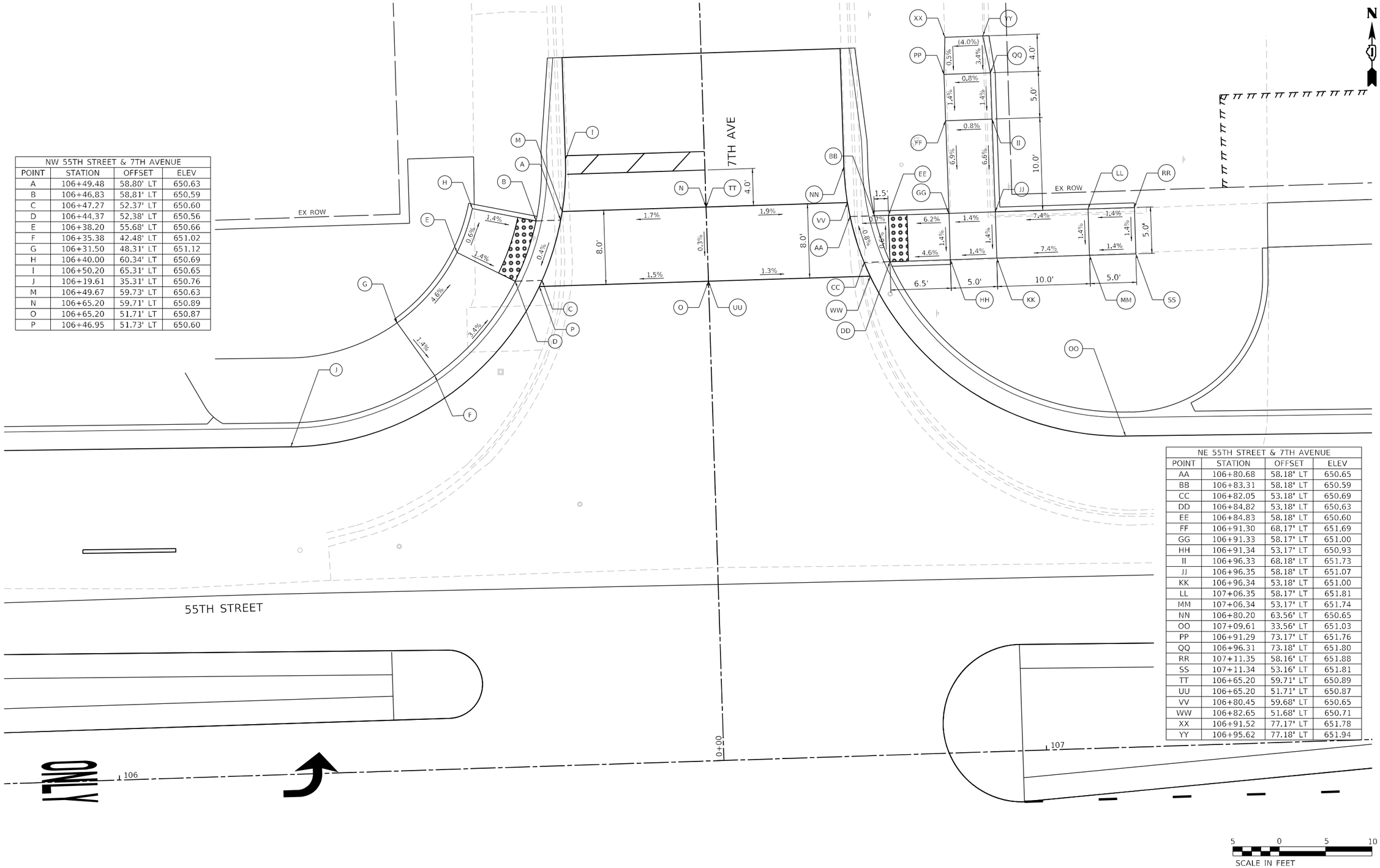
ADA RAMP DETAILS
55TH STREET & 6TH AVE

SCALE: 1" = 5' | SHEET 10 OF 17 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	55

CONTRACT NO. 60R50

ILLINOIS FED. AID PROJECT



NW 55TH STREET & 7TH AVENUE			
POINT	STATION	OFFSET	ELEV
A	106+49.48	58.80' LT	650.63
B	106+46.83	58.81' LT	650.59
C	106+47.27	52.37' LT	650.60
D	106+44.37	52.38' LT	650.56
E	106+38.20	55.68' LT	650.66
F	106+35.38	42.48' LT	651.02
G	106+31.50	48.31' LT	651.12
H	106+40.00	60.34' LT	650.69
I	106+50.20	65.31' LT	650.65
J	106+19.61	35.31' LT	650.76
M	106+49.67	59.73' LT	650.63
N	106+65.20	59.71' LT	650.89
O	106+65.20	51.71' LT	650.87
P	106+46.95	51.73' LT	650.60

NE 55TH STREET & 7TH AVENUE			
POINT	STATION	OFFSET	ELEV
AA	106+80.68	58.18' LT	650.65
BB	106+83.31	58.18' LT	650.59
CC	106+82.05	53.18' LT	650.69
DD	106+84.82	53.18' LT	650.63
EE	106+84.83	58.18' LT	650.60
FF	106+91.30	68.17' LT	651.69
GG	106+91.33	58.17' LT	651.00
HH	106+91.34	53.17' LT	650.93
II	106+96.33	68.18' LT	651.73
JJ	106+96.35	58.18' LT	651.07
KK	106+96.34	53.18' LT	651.00
LL	107+06.35	58.17' LT	651.81
MM	107+06.34	53.17' LT	651.74
NN	106+80.20	63.56' LT	650.65
OO	107+09.61	33.56' LT	651.03
PP	106+91.29	73.17' LT	651.76
QQ	106+96.31	73.18' LT	651.80
RR	107+11.35	58.16' LT	651.88
SS	107+11.34	53.16' LT	651.81
TT	106+65.20	59.71' LT	650.89
UU	106+65.20	51.71' LT	650.87
VV	106+80.45	59.68' LT	650.65
WW	106+82.65	51.68' LT	650.71
XX	106+91.52	77.17' LT	651.78
YY	106+95.62	77.18' LT	651.94

MODEL: Default
FILE NAME: 121166-sht-ada-10.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - HTS	REVISED -	
	DRAWN - HTS	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - RGJ	REVISED -	
PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

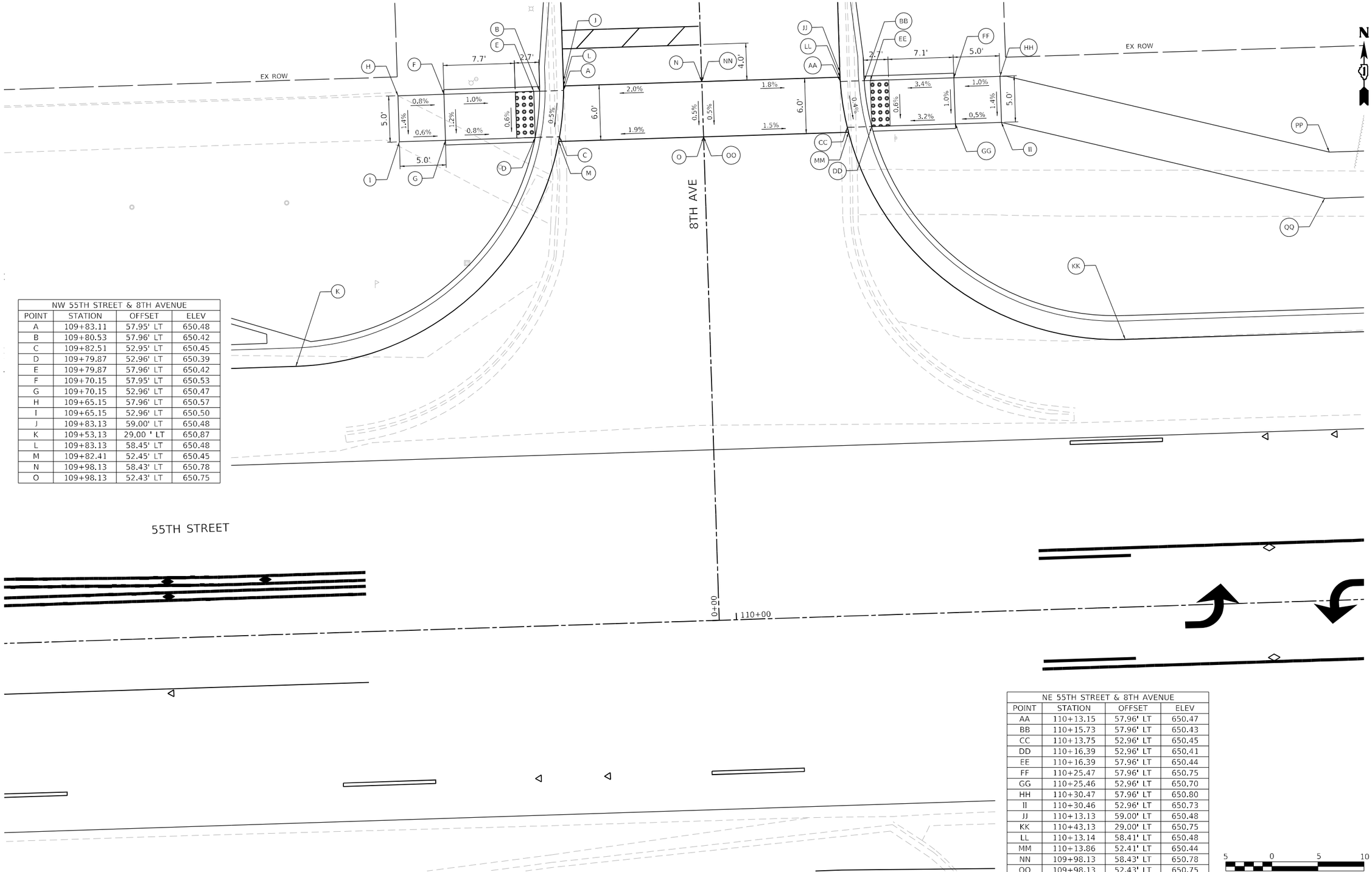
ADA RAMP DETAILS
55TH STREET & 7TH AVE

SCALE: 1" = 5' | SHEET 11 OF 17 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	56

CONTRACT NO. 60R50

ILLINOIS | FED. AID PROJECT



NW 55TH STREET & 8TH AVENUE			
POINT	STATION	OFFSET	ELEV
A	109+83.11	57.95' LT	650.48
B	109+80.53	57.96' LT	650.42
C	109+82.51	52.95' LT	650.45
D	109+79.87	52.96' LT	650.39
E	109+79.87	57.96' LT	650.42
F	109+70.15	57.95' LT	650.53
G	109+70.15	52.96' LT	650.47
H	109+65.15	57.96' LT	650.57
I	109+65.15	52.96' LT	650.50
J	109+83.13	59.00' LT	650.48
K	109+53.13	29.00 ' LT	650.87
L	109+83.13	58.45' LT	650.48
M	109+82.41	52.45' LT	650.45
N	109+98.13	58.43' LT	650.78
O	109+98.13	52.43' LT	650.75

NE 55TH STREET & 8TH AVENUE			
POINT	STATION	OFFSET	ELEV
AA	110+13.15	57.96' LT	650.47
BB	110+15.73	57.96' LT	650.43
CC	110+13.75	52.96' LT	650.45
DD	110+16.39	52.96' LT	650.41
EE	110+16.39	57.96' LT	650.44
FF	110+25.47	57.96' LT	650.75
GG	110+25.46	52.96' LT	650.70
HH	110+30.47	57.96' LT	650.80
II	110+30.46	52.96' LT	650.73
JJ	110+13.13	59.00' LT	650.48
KK	110+43.13	29.00' LT	650.75
LL	110+13.14	58.41' LT	650.48
MM	110+13.86	52.41' LT	650.44
NN	109+98.13	58.43' LT	650.78
OO	109+98.13	52.43' LT	650.75
PP	110+65.91	48.58' LT	650.89
QQ	110+65.24	43.58' LT	650.81

MODEL: Default
FILE NAME: 121166-ihr-ada-11.dgn

BURNS McDONNELL

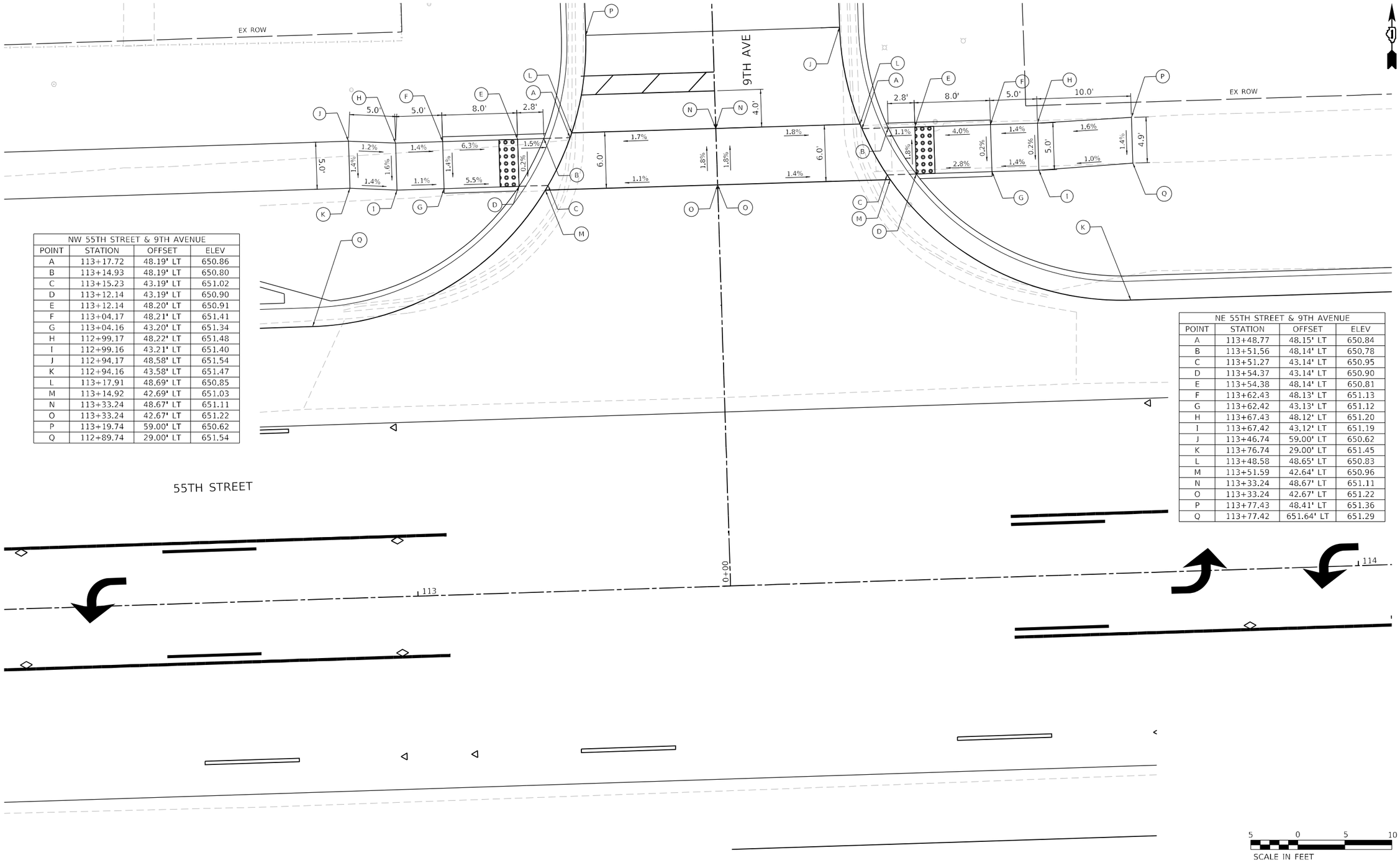
USER NAME = rjiang	DESIGNED - HTS	REVISED -	
	DRAWN - HTS	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - RGJ	REVISED -	
PLOT DATE = 8/5/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
55TH STREET & 8TH AVE

SCALE: 1" = 5' | SHEET 12 OF 17 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	57
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		



NW 55TH STREET & 9TH AVENUE			
POINT	STATION	OFFSET	ELEV
A	113+17.72	48.19' LT	650.86
B	113+14.93	48.19' LT	650.80
C	113+15.23	43.19' LT	651.02
D	113+12.14	43.19' LT	650.90
E	113+12.14	48.20' LT	650.91
F	113+04.17	48.21' LT	651.41
G	113+04.16	43.20' LT	651.34
H	112+99.17	48.22' LT	651.48
I	112+99.16	43.21' LT	651.40
J	112+94.17	48.58' LT	651.54
K	112+94.16	43.58' LT	651.47
L	113+17.91	48.69' LT	650.85
M	113+14.92	42.69' LT	651.03
N	113+33.24	48.67' LT	651.11
O	113+33.24	42.67' LT	651.22
P	113+19.74	59.00' LT	650.62
Q	112+89.74	29.00' LT	651.54

NE 55TH STREET & 9TH AVENUE			
POINT	STATION	OFFSET	ELEV
A	113+48.77	48.15' LT	650.84
B	113+51.56	48.14' LT	650.78
C	113+51.27	43.14' LT	650.95
D	113+54.37	43.14' LT	650.90
E	113+54.38	48.14' LT	650.81
F	113+62.43	48.13' LT	651.13
G	113+62.42	43.13' LT	651.12
H	113+67.43	48.12' LT	651.20
I	113+67.42	43.12' LT	651.19
J	113+46.74	59.00' LT	650.62
K	113+76.74	29.00' LT	651.45
L	113+48.58	48.65' LT	650.83
M	113+51.59	42.64' LT	650.96
N	113+33.24	48.67' LT	651.11
O	113+33.24	42.67' LT	651.22
P	113+77.43	48.41' LT	651.36
Q	113+77.42	651.64' LT	651.29

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BURNS McDONNELL

USER NAME = rjiang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - JMA	REVISED -	
PLOT DATE = 9/19/2024	DATE - 08/05/2024	REVISED -	

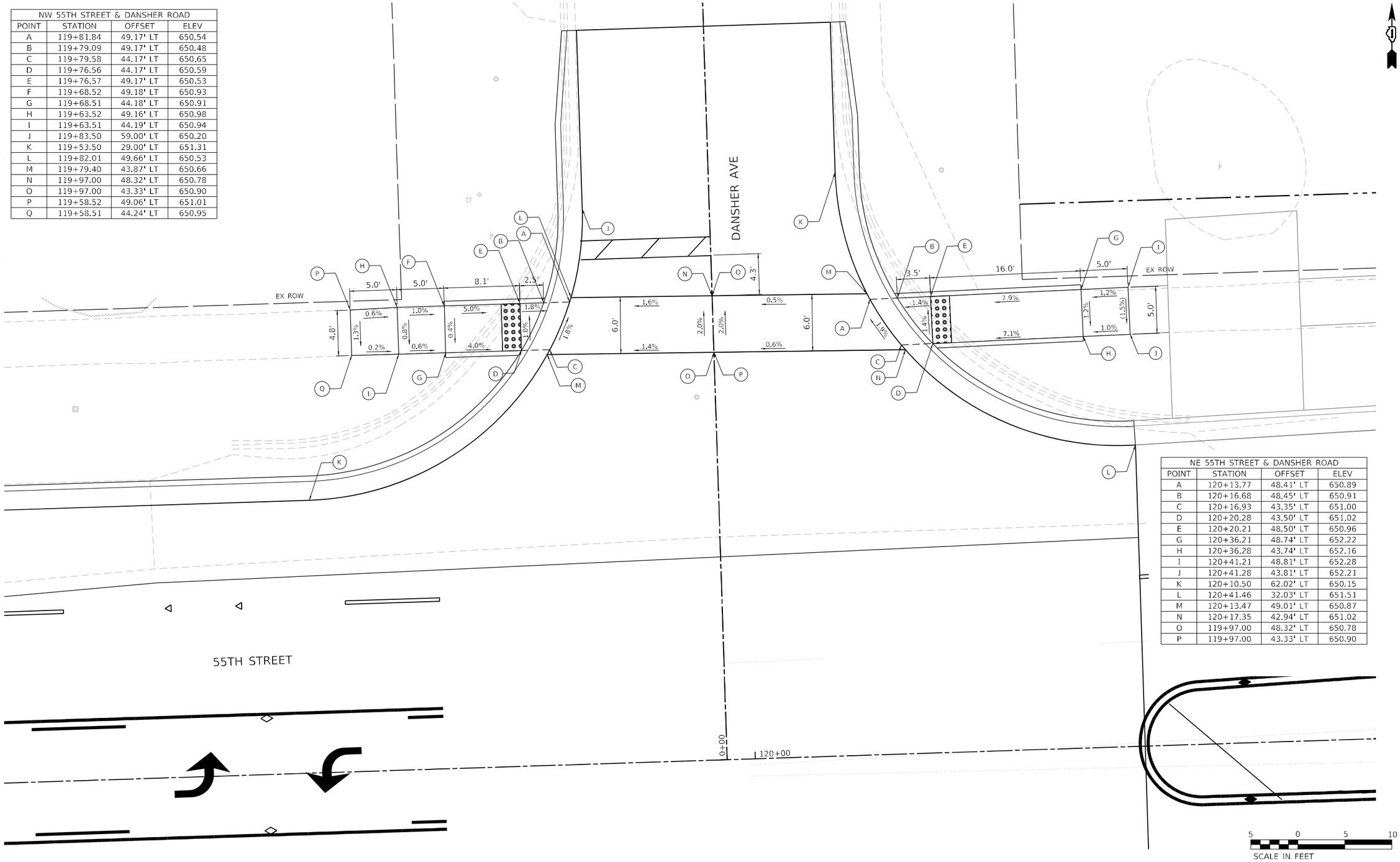
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
55TH STREET & 9TH AVE

SCALE: 1" = 5' | SHEET 13 OF 17 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	58
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

NW 55TH STREET & DANSHER ROAD			
POINT	STATION	OFFSET	ELEV
A	119+81.84	49.17' LT	650.54
B	119+79.09	49.17' LT	650.48
C	119+79.58	44.17' LT	650.65
D	119+76.56	44.17' LT	650.59
E	119+76.57	49.17' LT	650.53
F	119+68.52	49.18' LT	650.93
G	119+68.51	44.18' LT	650.91
H	119+63.52	49.16' LT	650.98
I	119+63.51	44.19' LT	650.94
J	119+83.50	59.00' LT	650.20
K	119+53.50	29.00' LT	651.31
L	119+82.01	49.66' LT	650.53
M	119+79.40	43.87' LT	650.66
N	119+97.00	48.32' LT	650.78
O	119+97.00	43.33' LT	650.90
P	119+58.52	49.06' LT	651.01
Q	119+58.51	44.24' LT	650.95



NE 55TH STREET & DANSHER ROAD			
POINT	STATION	OFFSET	ELEV
A	120+13.77	48.41' LT	650.89
B	120+16.68	48.45' LT	650.91
C	120+16.93	43.35' LT	651.00
D	120+20.28	43.50' LT	651.02
E	120+20.21	48.50' LT	650.96
G	120+36.21	48.74' LT	652.22
H	120+36.28	43.74' LT	652.16
I	120+41.21	48.81' LT	652.28
J	120+41.28	43.81' LT	652.21
K	120+10.50	62.02' LT	650.15
L	120+41.46	32.03' LT	651.51
M	120+13.47	49.01' LT	650.87
N	120+17.35	42.94' LT	651.02
O	119+97.00	48.32' LT	650.78
P	119+97.00	43.33' LT	650.90

MODEL: Default
FILE NAME: 121166-sht-ada-13.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - JMA	REVISED -	
PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

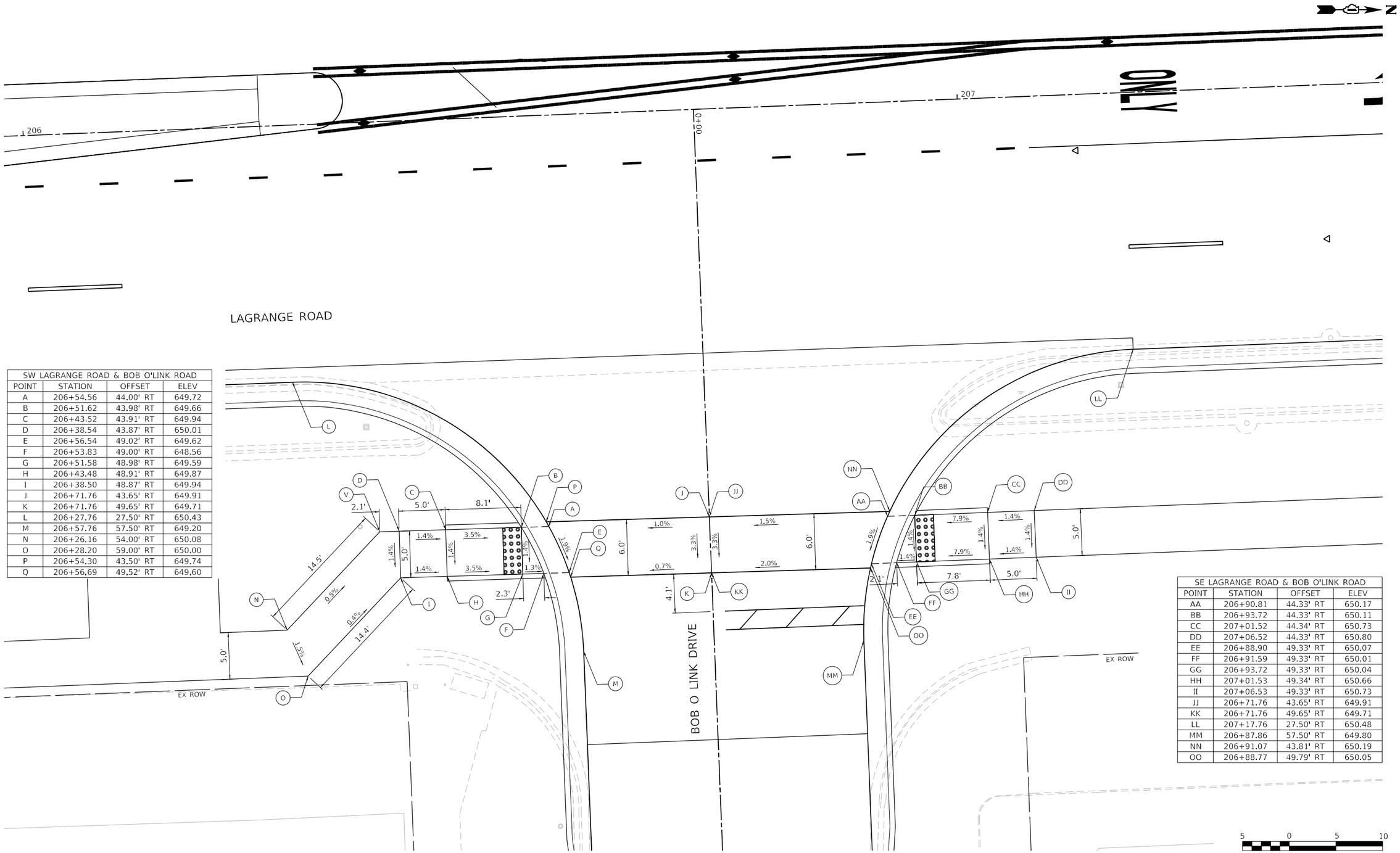
ADA RAMP DETAILS
55TH STREET & DANSHER ROAD

SCALE: 1" = 5' | SHEET 14 OF 17 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	59

CONTRACT NO. 60R50

ILLINOIS | FED. AID PROJECT



SW LAGRANGE ROAD & BOB O'LINK ROAD			
POINT	STATION	OFFSET	ELEV
A	206+54.56	44.00' RT	649.72
B	206+51.62	43.98' RT	649.66
C	206+43.52	43.91' RT	649.94
D	206+38.54	43.87' RT	650.01
E	206+56.54	49.02' RT	649.62
F	206+53.83	49.00' RT	648.56
G	206+51.58	48.98' RT	649.59
H	206+43.48	48.91' RT	649.87
I	206+38.50	48.87' RT	649.94
J	206+71.76	43.65' RT	649.91
K	206+71.76	49.65' RT	649.71
L	206+27.76	27.50' RT	650.43
M	206+57.76	57.50' RT	649.20
N	206+26.16	54.00' RT	650.08
O	206+28.20	59.00' RT	650.00
P	206+54.30	43.50' RT	649.74
Q	206+56.69	49.52' RT	649.60

SE LAGRANGE ROAD & BOB O'LINK ROAD			
POINT	STATION	OFFSET	ELEV
AA	206+90.81	44.33' RT	650.17
BB	206+93.72	44.33' RT	650.11
CC	207+01.52	44.34' RT	650.73
DD	207+06.52	44.33' RT	650.80
EE	206+88.90	49.33' RT	650.07
FF	206+91.59	49.33' RT	650.01
GG	206+93.72	49.33' RT	650.04
HH	207+01.53	49.34' RT	650.66
II	207+06.53	49.33' RT	650.73
JJ	206+71.76	43.65' RT	649.91
KK	206+71.76	49.65' RT	649.71
LL	207+17.76	27.50' RT	650.48
MM	206+87.86	57.50' RT	649.80
NN	206+91.07	43.81' RT	650.19
OO	206+88.77	49.79' RT	650.05

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BURNS McDONNELL

USER NAME = rjiang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
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PLOT DATE = 8/5/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
LAGRANGE ROAD & BOB O LINK DRIVE

SCALE: 1" = 5' | SHEET 15 OF 17 SHEETS | STA. TO STA.

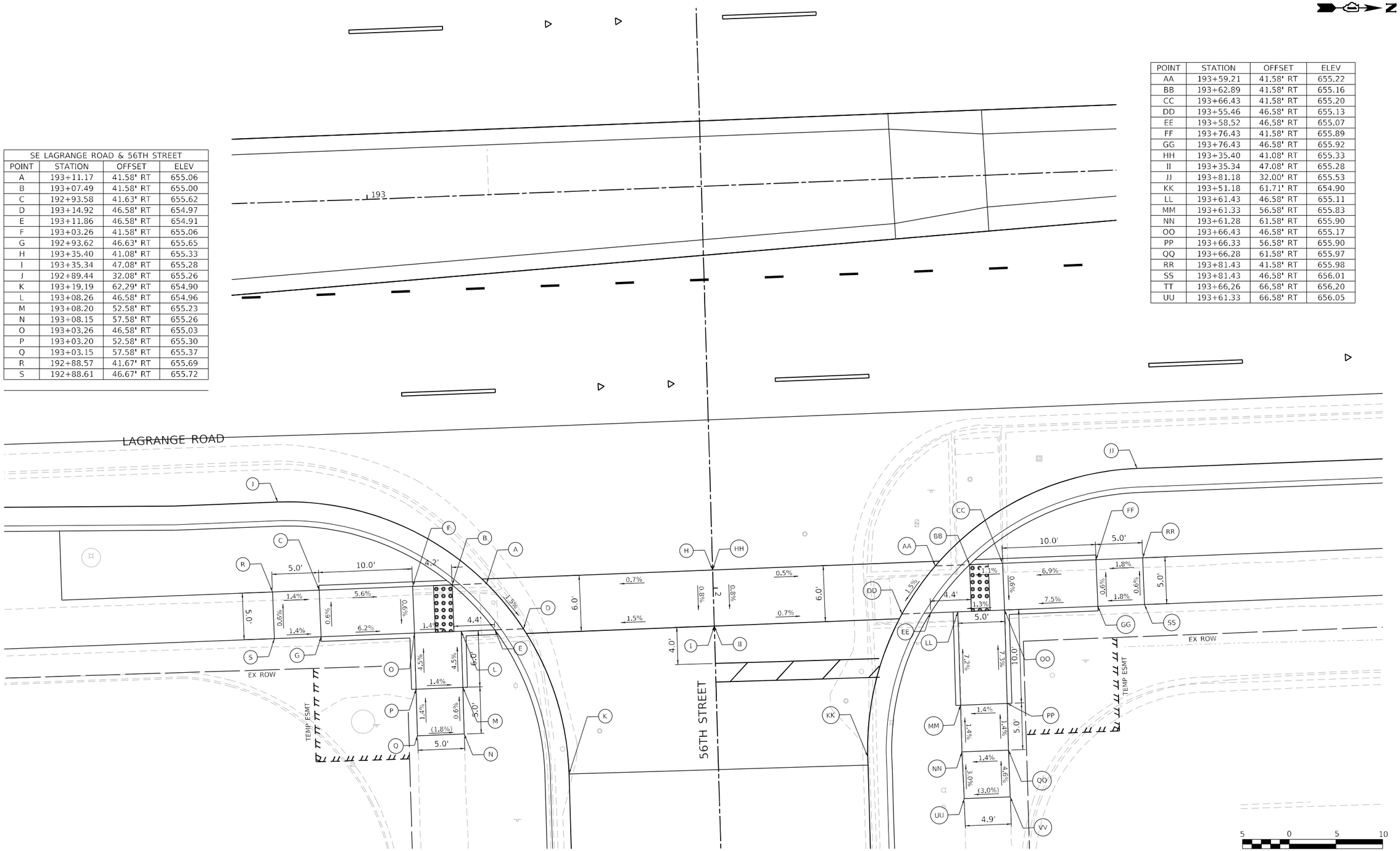
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	60

CONTRACT NO. 60R50

ILLINOIS | FED. AID PROJECT

SE LAGRANGE ROAD & 56TH STREET			
POINT	STATION	OFFSET	ELEV
A	193+11.17	41.58' RT	655.06
B	193+07.49	41.58' RT	655.00
C	192+93.58	41.63' RT	655.62
D	193+14.92	46.58' RT	654.97
E	193+11.86	46.58' RT	654.91
F	193+03.26	41.58' RT	655.06
G	192+93.62	46.63' RT	655.65
H	193+35.40	41.08' RT	655.33
I	193+35.34	47.08' RT	655.28
J	192+89.44	32.08' RT	655.26
K	193+19.19	62.29' RT	654.90
L	193+08.26	46.58' RT	654.96
M	193+08.20	52.58' RT	655.23
N	193+08.15	57.58' RT	655.26
O	193+03.26	46.58' RT	655.03
P	193+03.20	52.58' RT	655.30
Q	193+03.15	57.58' RT	655.37
R	192+88.57	41.67' RT	655.69
S	192+88.61	46.67' RT	655.72

POINT	STATION	OFFSET	ELEV
AA	193+59.21	41.58' RT	655.22
BB	193+62.89	41.58' RT	655.16
CC	193+66.43	41.58' RT	655.20
DD	193+55.46	46.58' RT	655.13
EE	193+58.52	46.58' RT	655.07
FF	193+76.43	41.58' RT	655.89
GG	193+76.43	46.58' RT	655.92
HH	193+35.40	41.08' RT	655.33
II	193+35.34	47.08' RT	655.28
JJ	193+81.18	32.00' RT	655.53
KK	193+51.18	61.71' RT	654.90
LL	193+61.43	46.58' RT	655.11
MM	193+61.33	56.58' RT	655.83
NN	193+61.28	61.58' RT	655.90
OO	193+66.43	46.58' RT	655.17
PP	193+66.33	56.58' RT	655.90
QQ	193+66.28	61.58' RT	655.97
RR	193+81.43	41.58' RT	655.98
SS	193+81.43	46.58' RT	656.01
TT	193+66.26	66.58' RT	656.20
UU	193+61.33	66.58' RT	656.05



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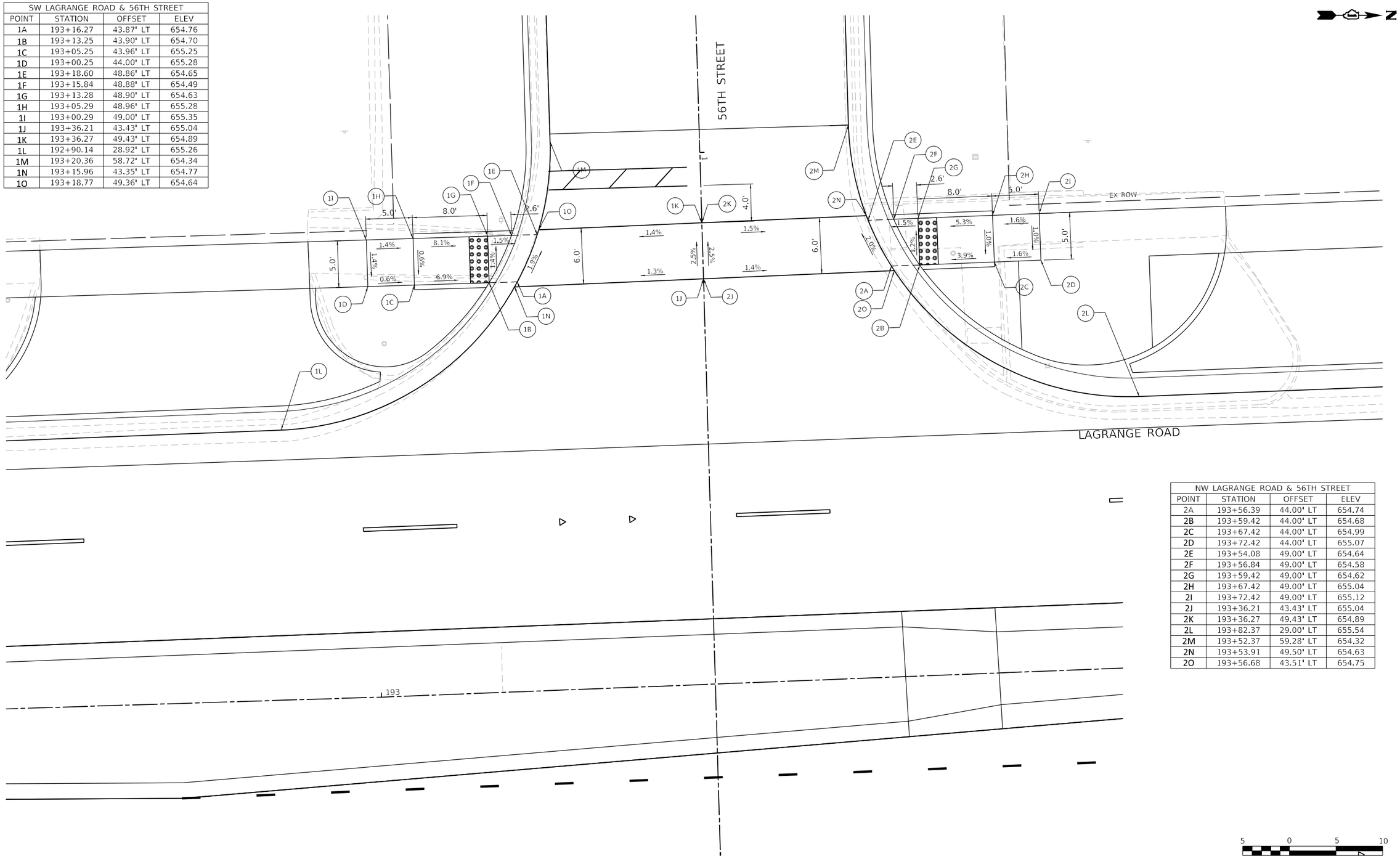
BURNS McDONNELL	USER NAME = rjiang	DESIGNED - HTS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA RAMP DETAILS LAGRANGE ROAD & 56TH STREET
		DRAWN - HTS	REVISED -		
	PLOT SCALE = 10.0000 ' / in.	CHECKED - RGJ	REVISED -		
	PLOT DATE = 8/5/2024	DATE - 08/05/2024	REVISED -		SCALE: 1" = 5' SHEET 16 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	61
		CONTRACT NO. 60R50		
		ILLINOIS FED. AID PROJECT		

SW LAGRANGE ROAD & 56TH STREET			
POINT	STATION	OFFSET	ELEV
1A	193+16.27	43.87' LT	654.76
1B	193+13.25	43.90' LT	654.70
1C	193+05.25	43.96' LT	655.25
1D	193+00.25	44.00' LT	655.28
1E	193+18.60	48.86' LT	654.65
1F	193+15.84	48.88' LT	654.49
1G	193+13.28	48.90' LT	654.63
1H	193+05.29	48.96' LT	655.28
1I	193+00.29	49.00' LT	655.35
1J	193+36.21	43.43' LT	655.04
1K	193+36.27	49.43' LT	654.89
1L	192+90.14	28.92' LT	655.26
1M	193+20.36	58.72' LT	654.34
1N	193+15.96	43.35' LT	654.77
1O	193+18.77	49.36' LT	654.64



NW LAGRANGE ROAD & 56TH STREET			
POINT	STATION	OFFSET	ELEV
2A	193+56.39	44.00' LT	654.74
2B	193+59.42	44.00' LT	654.68
2C	193+67.42	44.00' LT	654.99
2D	193+72.42	44.00' LT	655.07
2E	193+54.08	49.00' LT	654.64
2F	193+56.84	49.00' LT	654.58
2G	193+59.42	49.00' LT	654.62
2H	193+67.42	49.00' LT	655.04
2I	193+72.42	49.00' LT	655.12
2J	193+36.21	43.43' LT	655.04
2K	193+36.27	49.43' LT	654.89
2L	193+82.37	29.00' LT	655.54
2M	193+52.37	59.28' LT	654.32
2N	193+53.91	49.50' LT	654.63
2O	193+56.68	43.51' LT	654.75

5 0 5 10
SCALE IN FEET

MODEL: Default
FILE NAME: 12166-ilh-ada-16.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - JMA	REVISED -	
PLOT DATE = 8/5/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
LAGRANGE ROAD & 56TH STREET

SCALE: 1" = 5' | SHEET 17 OF 17 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	62
		CONTRACT NO. 60R50		
	ILLINOIS FED. AID PROJECT			

MAINTENANCE OF TRAFFIC – GENERAL NOTES

1. THE FOLLOWING APPLY TO CONSTRUCTION SIGNS:

   A) THE CONTRACTOR SHALL FURNISH ALL SIGNS.

   B) ALL SIGNS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE TRAFFIC CONTROL AND PROTECTION (SPECIAL) PAY ITEM, EXCEPT FOR TEMPORARY INFORMATIONAL SIGNING AS NOTED ON THE PLANS.

2. SUFFICIENT QUANTITIES FOR 2 APPLICATIONS OF TEMPORARY PAVEMENT MARKINGS HAVE BEEN PROVIDED FOR EACH STAGE.

3. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ACCESS TO ALL COMMERCIAL AND RESIDENTIAL ENTRANCES FOR THE ENTIRE DURATION OF THE PROJECT UNLESS OTHERWISE SHOWN ON THE PLANS.

4. THE "ROAD CONSTRUCTION AHEAD" SIGNS SHALL REMAIN INSTALLED UNTIL THE COMPLETION OF THE PROJECT OR WHEN NO ROADWAY HAZARDS REMAIN WITHIN THE WORK ZONE.

5. DROP-OFFS ADJACENT TO THE TRAVEL LANE SHALL BE KEPT TO A MINIMUM. PROTECTION OF THE DROP-OFF SHALL BE ACCORDING TO THE IDOT BUREAU OF SAFETY PROGRAMS AND ENGINEERING, SAFETY ENGINEERING POLICY MEMORANDUM 4-21. DROP-OFFS GREATER THAN OR EQUAL TO 24" WILL NOT BE ALLOWED AT LOCATIONS WHERE THE DROP-OFF IS LOCATED WITHIN 8 FT OF THE EDGE OF THE TRAVEL LANE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT THE DROP-OFF AREAS MEET THE OFFSET, HEIGHT, AND DURATION REQUIREMENTS TO USE BARRICADES AT THE END OF EACH WORKDAY. THIS MAY REQUIRE THE CONTRACTOR TO REPLACE OR PLACE SUFFICIENT MATERIAL IN THE EXCAVATION TO REDUCE THE DROP-OFF TO BE COMPLIANT WITH THE REQUIREMENTS FOR USE OF BARRICADES. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED TO COMPLY WITH THIS REQUIREMENT. WHERE POSITIVE PROTECTION (TEMPORARY CONCRETE BARRIER PER STD. 704001) IS PROVIDED, THIS REQUIREMENT IS NULLIFIED.

6. CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED TWO WEEKS PRIOR TO ALL ROAD CLOSURE, TRAFFIC STAGE CHANGES, AND NEW TRAFFIC SIGNAL TURN-ON EVENTS ON EACH APPROACH OF THE EFFECTED ROADWAY TO WARN MOTORISTS OF THE UPCOMING EVENT. THE SIGNS SHALL BE REMOVED TWO WEEKS THEREAFTER UNLESS THE SIGNS ARE NEEDED AGAIN FOR A SUBSEQUENT FUTURE EVENT THAT WILL OCCUR WITHIN 2 WEEKS ON THE SAME APPROACH OF THE EFFECTED ROADWAY. THE SIGN LOCATIONS SHALL BE (DETERMINED BY THE ENGINEER) PLACED AS DIRECTED BY THE ENGINEER.

7. ALL EXISTING LANE LINE PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKER REFLECTORS LOCATED WITHIN TEMPORARY LANE CLOSURE TAPERS, LANE SHIFT TAPERS OR IN LOCATIONS THAT CONFLICT WITH THE TEMPORARY PAVEMENT MARKING TAPE USED FOR STAGING SHALL BE REMOVED VIA WATER BLASTING WITH VACUUM RECOVERY IF THE STAGING WILL REMAIN IN PLACE FOR MORE THAN 14 DAYS. THE EXISTING PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKER REFLECTORS THAT WERE REMOVED SHALL BE RESTORED IN KIND AFTER THE COMPLETION OF THE STAGING.

8. TEMPORARY TYPE IV PAVEMENT MARKING TAPE LOCATIONS NOTED IN THE PLANS SHALL BE PLACED THROUGHOUT THE TAPER AND ALONGSIDE THE ADJACENT WORK AREA WHERE THE CLOSURE TIME EXCEEDS 14 DAYS.

9. TEMPORARY CONCRETE BARRIER SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 704 OF THE IDOT STANDARD SPECIFICATIONS. ALL TEMPORARY CONCRETE BARRIER APPROACH AND DEPARTING END UNITS SHALL BE ANCHORED TO THE PAVEMENT USING SIX ANCHOR PINS AS SHOWN IN IDOT STANDARD 704001. PINNING OF ADDITIONAL BARRIER UNITS WITH THREE ANCHOR PINS ON THE TRAFFIC SIDE HOLES WITHIN THE INSTALLATION SHALL BE REQUIRED WHEN EQUIPMENT, VEHICLES, MATERIALS, FIXED OBJECTS, OR A DROP-OFF IS LOCATED WITHIN 24" BEHIND THE BARRIER. THE 24" OF CLEAR PAVEMENT MEASUREMENT SHALL BE FROM THE BASE OF THE NON-TRAFFIC SIDE OF THE BARRIER. TRAFFIC SIDE PINNED BARRIER SHALL HAVE A MINIMUM OF 6" OF CLEAR PAVEMENT BEHIND THE BARRIER. WHERE BOTH PINNED AND UNPINNED BARRIER UNITS ARE USED IN A CONTINUOUS INSTALLATION, A TRANSITION SHALL BE PROVIDED BETWEEN THEM. THE TRANSITION FROM PINNED TO UNPINNED BARRIER SHALL CONSIST OF TWO ANCHOR PINS INSTALLED IN THE END HOLES ON THE TRAFFIC SIDE OF THE FIRST BARRIER BEYOND THE PINNED SECTION AND ONE ANCHOR PIN INSTALLED IN THE MIDDLE HOLE OF THE TRAFFIC SIDE OF THE SECOND BARRIER BEYOND THE PINNED SECTION. THE THIRD BARRIER BEYOND THE PINNED SECTION SHALL THEN BE UNPINNED.

10. TEMPORARY INFORMATION SIGNS ON TEMPORARY SUPPORTS SHALL BE PROVIDED FOR ALL COMMERCIAL DRIVEWAYS THAT ARE LOCATED WITHIN A WORK AREA. THIS WORK SHALL BE PAID FOR PER DISTRICT 1 DETAIL TC-26. THESE SIGNS SHALL BE RELOCATED AS REQUIRED FOR EACH CONSTRUCTION STAGE AND SHALL BE PLACED AS DIRECTED BY THE ENGINEER. THIS SIGN RELOCATION WORK WILL NOT BE PAID FOR SEPARATELY AND SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR TEMPORARY INFORMATION SIGNING.

11. PAVEMENT MARKING TAPE, TYPE IV SHOWN ON THE PLANS FOR ANY CONSTRUCTION STAGE THAT THE CONTRACTOR PROPOSES TO EXTEND OVER THE WINTER PERIOD SHALL MEAN MODIFIED URETHANE PAVEMENT MARKING AND WILL BE PAID FOR THEIR RESPECTIVE CONTRACT UNIT PRICE.

12. OVERNIGHT LANE CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURES AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS.

MAINTENANCE OF TRAFFIC – STAGING NOTES

PRE-STAGE

TRAFFIC
1. UTILIZE STANDARD 701602 TO CLOSE OUTSIDE NB, EB & WB LANES.

CONSTRUCTION
1. CONSTRUCT TEMPORARY PAVEMENT AS SHOWN ON PLANS.

STAGE 1

TRAFFIC
1. CLOSE CENTER TURN LANE AND INSIDE LANE EACH DIRECTION WITH BARRIER WALL OR DRUMS AS SHOWN ON PLANS.
2. MAINTAIN ONE 11' LANE IN EACH DIRECTION ON EXISTING OUTSIDE LANE AND TEMPORARY PAVEMENT.
3. MAINTAIN ONE LEFT TURN LANE ON EACH LEG OF THE 55TH ST/LAGRANGE RD INTERSECTION USING EXISTING AND TEMPORARY PAVEMENT.
4. PROVIDE ACCESS TO ALL SIDEROADS AND ENTRANCES WITHIN PROJECT LIMITS.

CONSTRUCTION
1. CONSTRUCT STORM SEWER WITHIN MEDIAN AREA.
2. CONSTRUCT INSIDE LANE/CENTER TURN LANE PATCHING.

STAGE 2A & 2B

TRAFFIC
1. CLOSE ONE LANE WITH DRUMS AS SHOWN ON PLANS.
2. MAINTAIN ONE 11' LANE IN EACH DIRECTION AND ONE 11' TWO-WAY LEFT TURN LANE AS SHOWN ON PLANS.
3. MAINTAIN ONE LEFT TURN LANE ON EACH LEG OF THE 55TH ST/LAGRANGE RD INTERSECTION.
4. SIDE ROAD CONSTRUCTION SHALL BE STAGED TO MINIMIZE SIDE ROAD CLOSURE DURATION. TWO CONSECUTIVE SIDEROADS MAY NOT BE CLOSED AT THE SAME TIME. FULL ACCESS SHALL BE PROVIDED AT ALL OTHER TIMES UTILIZING FLAGGERS AND TEMPORARY AGGREGATE.
5. IN STAGE 2A, MAINTAIN SIDEWALKS ON EAST AND SOUTH SIDE OF ROADWAY OPEN TO PEDESTRIANS. IN STAGE 2B, MAINTAIN SIDEWALKS ON WEST AND NORTH SIDE OF ROADWAY OPEN TO PEDESTRIANS.
6. UTILIZE OFF-PEAK DAILY LANE CLOSURES OF THE LEFT TURN LANE AS REQUIRED TO CONSTRUCT ACROSS-ROAD STORM SEWERS.

CONSTRUCTION
1. CONSTRUCT ALL PAVEMENT WIDENING, SIDEWALKS, SIDEROADS AND ENTRANCES, AND REMAINING STORM SEWER.
2. CONSTRUCT OUTSIDE LANE PAVEMENT PATCHING.

WINTER STAGE

TRAFFIC
1. MAINTAIN TRAFFIC IN FINAL TRAFFIC CONFIGURATION, USING PAINTED MEDIANS AT RAISED MEDIAN LOCATIONS. SEE PAVEMENT MARKING PLANS FOR CONFIGURATION.

CONSTRUCTION
1. NONE.

STAGE 3

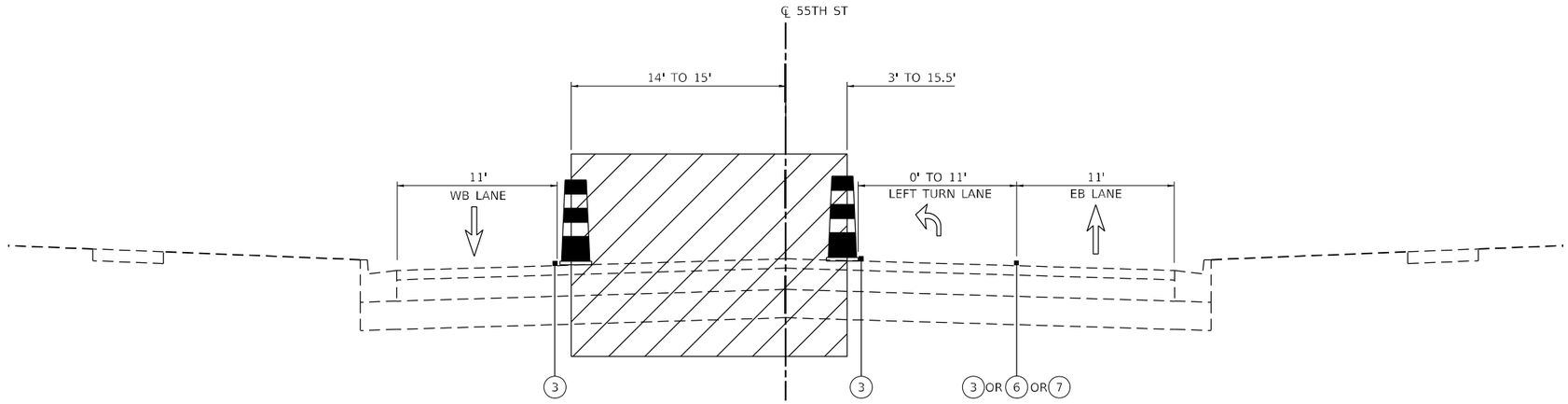
TRAFFIC
1. CLOSE CENTER TURN LANE AND INSIDE LANE EACH DIRECTION WITH DRUMS AS SHOWN ON PLANS.
2. MAINTAIN ONE 11' LANE IN EACH DIRECTION ON EXISTING LANE/PROPOSED WIDENING.
3. MAINTAIN ONE LEFT TURN LANE ON EACH LEG OF THE 55TH ST/LAGRANGE RD INTERSECTION.
4. PROVIDE ACCESS TO ALL SIDEROADS AND ENTRANCES WITHIN PROJECT LIMITS.

CONSTRUCTION
1. CONSTRUCT RAISED MEDIAN.

STAGE 4

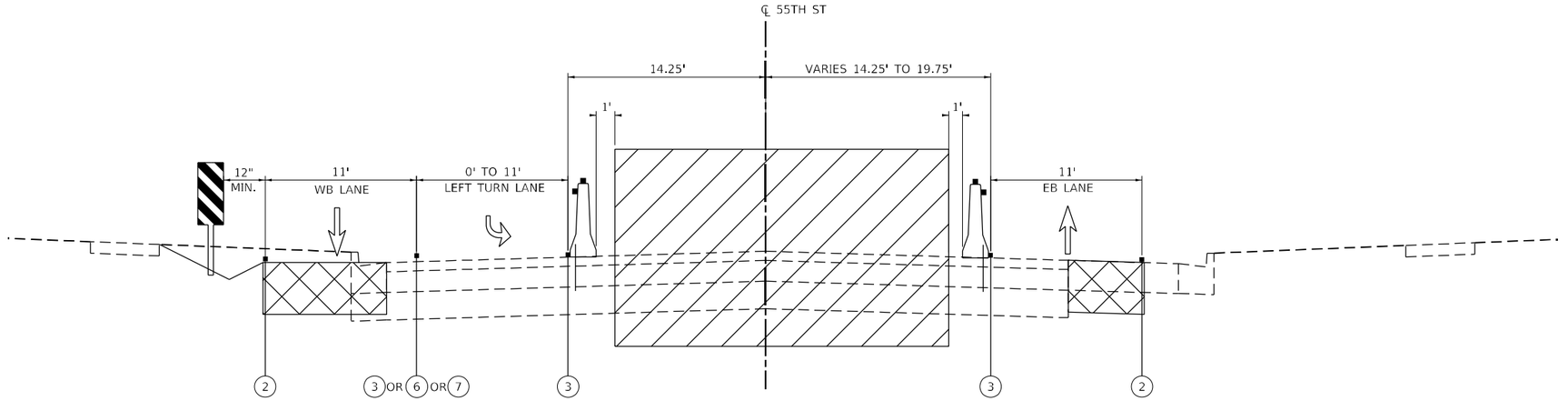
TRAFFIC
1. PROVIDE ACCESS TO ALL SIDEROADS AND ENTRANCES WITHIN PROJECT LIMITS.

CONSTRUCTION
1. CONSTRUCT PROPOSED MILLING AND RESURFACING.



55TH ST – STAGE 1

STA 89+90.76 TO STA 99+50



55TH ST – STAGE 1

STA 100+79 TO STA 120+41.46

LEGEND

- WORK AREA
- TEMPORARY PAVEMENT (FROM PRE-STAGE)
- COMPLETED PAVEMENT
- TEMPORARY CONCRETE BARRIER WALL W/ MONODIRECTIONAL AMBER TYPE C REFLECTORS PER STD 704001 AND 782006 (ALL SECTIONS PINNED)
- DRUMS OR TYPE II BARRICADE
- VERTICAL PANEL

(1) EXISTING PAVEMENT MARKING
(2) TEMP PMK - LINE 4" - TYPE IV TAPE (SOLID WHITE)
(3) TEMP PMK - LINE 4" - TYPE IV TAPE (SOLID YELLOW)
(4) TEMP PMK - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW)
(5) TEMP PMK - LINE 4" - TYPE IV TAPE (WHITE, 30' SKIP - 10' DASH)
(6) TEMP PMK - LINE 6" - TYPE IV TAPE (WHITE 6' SKIP - 2' DASH)
(7) TEMP PMK - LINE 6" - TYPE IV TAPE (SOLID WHITE)
(8) TEMP PMK - LINE 24" - TYPE IV TAPE (SOLID WHITE)
(9) TEMP PMK LET & SYM - TYPE IV TAPE (WHITE)
(10) TEMP PMK - LINE 4" - TYPE IV TAPE (YELLOW, 30' SKIP - 10' DASH)

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS

SCALE: | SHEET 1 OF 4 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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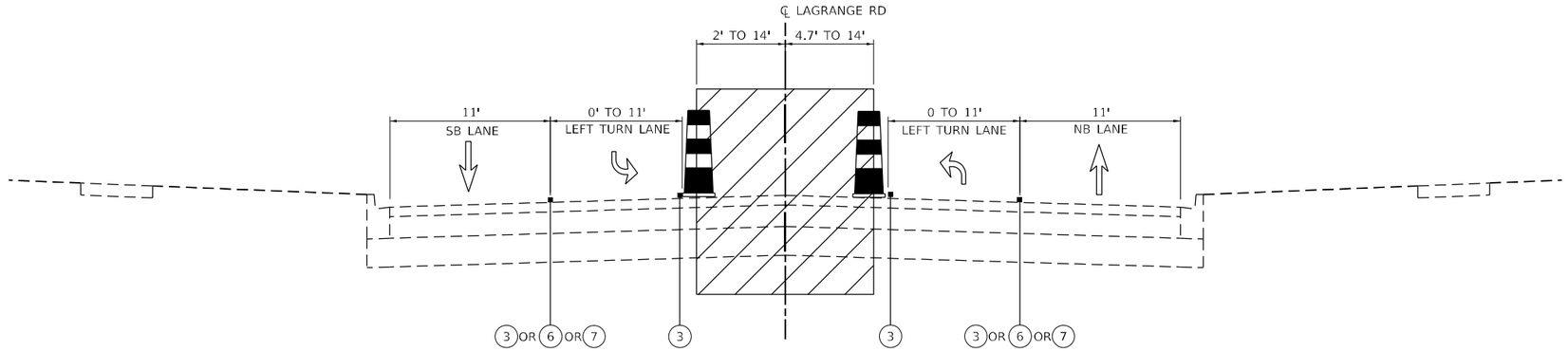
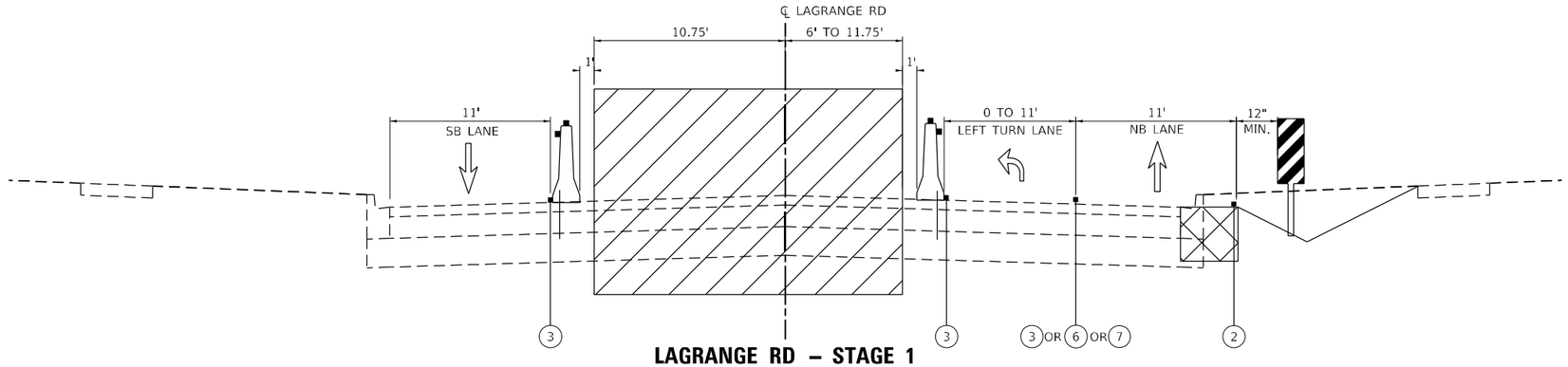
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		



LAGRANGE RD – STAGE 1

STA 188+00.00 TO STA 192+47
STA 200+57 TO STA 209+06.84



LAGRANGE RD – STAGE 1

STA 193+00 TO STA 199+45

LEGEND

- WORK AREA
- TEMPORARY PAVEMENT (FROM PRE-STAGE)
- COMPLETED PAVEMENT
- TEMPORARY CONCRETE BARRIER WALL W/ MONODIRECTIONAL AMBER TYPE C REFLECTORS PER STD 704001 AND 782006 (ALL SECTIONS PINNED)
- DRUMS OR TYPE II BARRICADE
- VERTICAL PANEL

1. EXISTING PAVEMENT MARKING
2. TEMP PMK - LINE 4" - TYPE IV TAPE (SOLID WHITE)
3. TEMP PMK - LINE 4" - TYPE IV TAPE (SOLID YELLOW)
4. TEMP PMK - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW)
5. TEMP PMK - LINE 4" - TYPE IV TAPE (WHITE, 30' SKIP - 10' DASH)
6. TEMP PMK - LINE 6" - TYPE IV TAPE (WHITE 6' SKIP - 2' DASH)
7. TEMP PMK - LINE 6" - TYPE IV TAPE (SOLID WHITE)
8. TEMP PMK - LINE 24" - TYPE IV TAPE (SOLID WHITE)
9. TEMP PMK LET & SYM - TYPE IV TAPE (WHITE)
10. TEMP PMK - LINE 4" - TYPE IV TAPE (YELLOW, 30' SKIP - 10' DASH)

MODEL: Default
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS

SCALE: | SHEET 2 OF 4 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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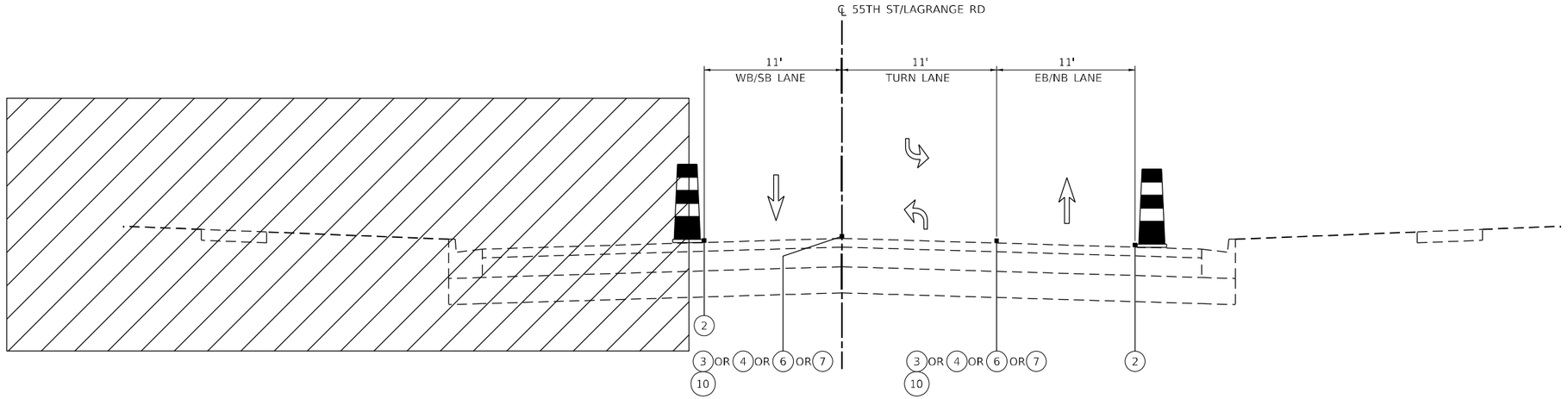
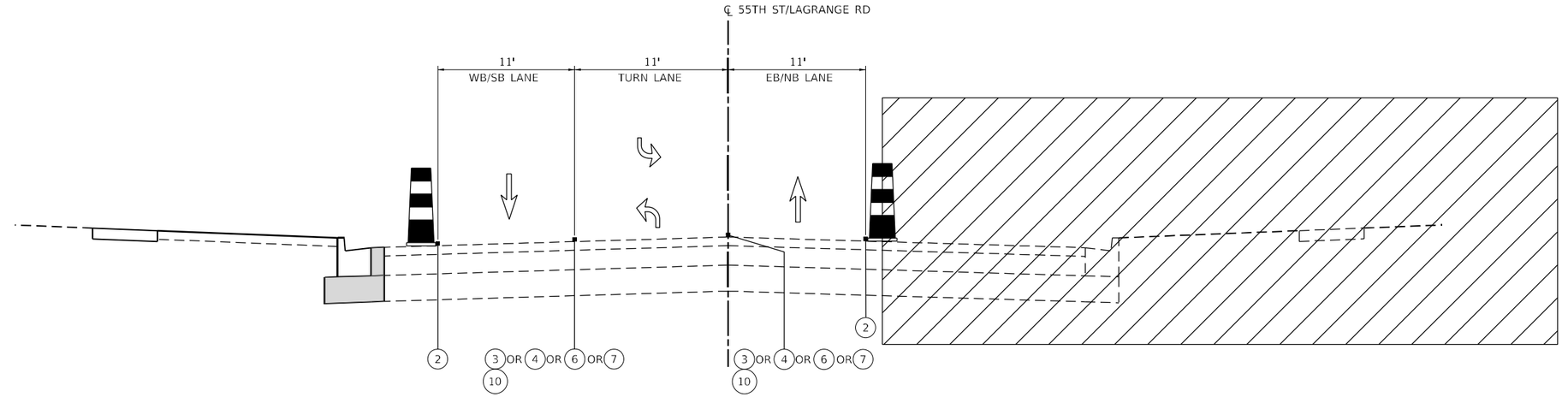
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	



55TH ST & LAGRANGE RD – STAGE 2A

55TH ST - STA 89+90.76 TO STA 120+41.46
LAGRANGE RD - STA 188+00.00 TO STA 209+06.84



55TH ST & LAGRANGE RD – STAGE 2B

55TH ST - STA 89+90.76 TO STA 120+41.46
LAGRANGE RD - STA 188+00.00 TO STA 209+06.84

NOTE:
STAGE 2A: MAINTAIN SIDEWALKS ON EAST AND SOUTH SIDE OF ROADWAY OPEN TO PEDESTRIANS.
STAGE 2B: MAINTAIN SIDEWALKS ON WEST AND NORTH SIDE OF ROADWAY OPEN TO PEDESTRIANS.

LEGEND

- WORK AREA
- TEMPORARY PAVEMENT (FROM PRE-STAGE)
- COMPLETED PAVEMENT
- TEMPORARY CONCRETE BARRIER WALL W/ MONODIRECTIONAL AMBER TYPE C REFLECTORS PER STD 704001 AND 782006 (ALL SECTIONS PINNED)
- DRUMS OR TYPE II BARRICADE
- VERTICAL PANEL

1. EXISTING PAVEMENT MARKING
2. TEMP PMK - LINE 4" - TYPE IV TAPE (SOLID WHITE)
3. TEMP PMK - LINE 4" - TYPE IV TAPE (SOLID YELLOW)
4. TEMP PMK - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW)
5. TEMP PMK - LINE 4" - TYPE IV TAPE (WHITE, 30' SKIP - 10' DASH)
6. TEMP PMK - LINE 6" - TYPE IV TAPE (WHITE 6' SKIP - 2' DASH)
7. TEMP PMK - LINE 6" - TYPE IV TAPE (SOLID WHITE)
8. TEMP PMK - LINE 24" - TYPE IV TAPE (SOLID WHITE)
9. TEMP PMK LET & SYM - TYPE IV TAPE (WHITE)
10. TEMP PMK - LINE 4" - TYPE IV TAPE (YELLOW, 30' SKIP - 10' DASH)

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS

SCALE: | SHEET 3 OF 4 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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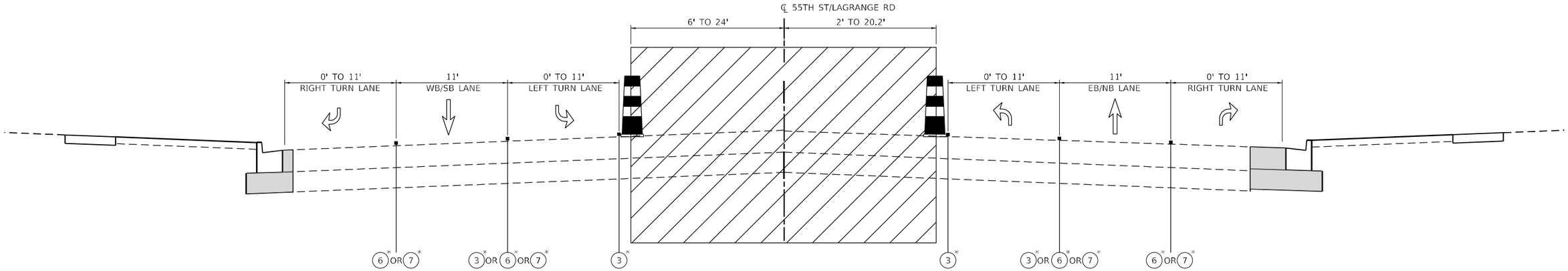
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		



* TEMP PMK SHALL BE PAINT WITHIN PROJECT LIMITS.

55TH ST & LAGRANGE RD – STAGE 3

55TH ST - STA 93+32 TO STA 108+55
LAGRANGE RD - STA 190+69 TO STA 206+34

LEGEND

- WORK AREA
- TEMPORARY PAVEMENT (FROM PRE-STAGE)
- COMPLETED PAVEMENT
- TEMPORARY CONCRETE BARRIER WALL W/ MONODIRECTIONAL AMBER TYPE C REFLECTORS PER STD 704001 AND 782006 (ALL SECTIONS PINNED)
- DRUMS OR TYPE II BARRICADE
- VERTICAL PANEL

1. EXISTING PAVEMENT MARKING
2. TEMP PMK - LINE 4" - TYPE IV TAPE (SOLID WHITE)
3. TEMP PMK - LINE 4" - TYPE IV TAPE (SOLID YELLOW)
4. TEMP PMK - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW)
5. TEMP PMK - LINE 4" - TYPE IV TAPE (WHITE, 30' SKIP - 10' DASH)
6. TEMP PMK - LINE 6" - TYPE IV TAPE (WHITE 6' SKIP - 2' DASH)
7. TEMP PMK - LINE 6" - TYPE IV TAPE (SOLID WHITE)
8. TEMP PMK - LINE 24" - TYPE IV TAPE (SOLID WHITE)
9. TEMP PMK LET & SYM - TYPE IV TAPE (WHITE)
10. TEMP PMK - LINE 4" - TYPE IV TAPE (YELLOW, 30' SKIP - 10' DASH)

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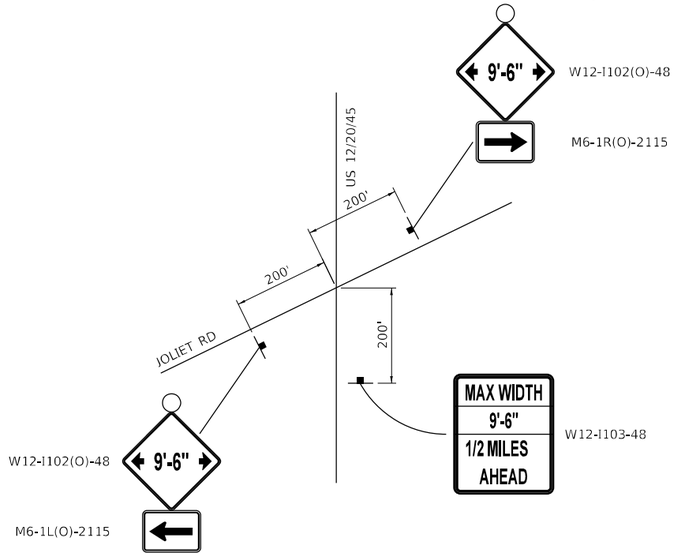
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS

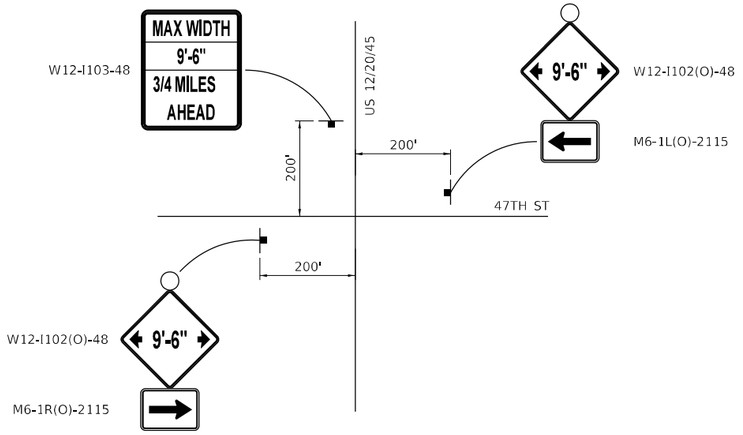
SCALE: | SHEET 4 OF 4 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	67
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	

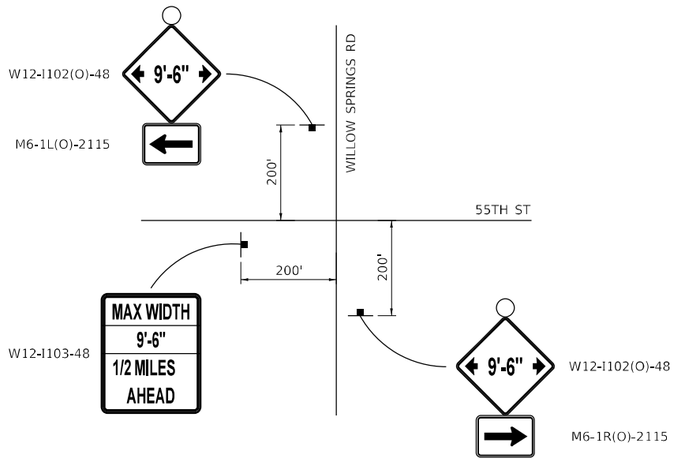
ADVANCE WIDTH RESTRICTION SIGNING FOR NB US 12/20/45 (LAGRANGE RD)



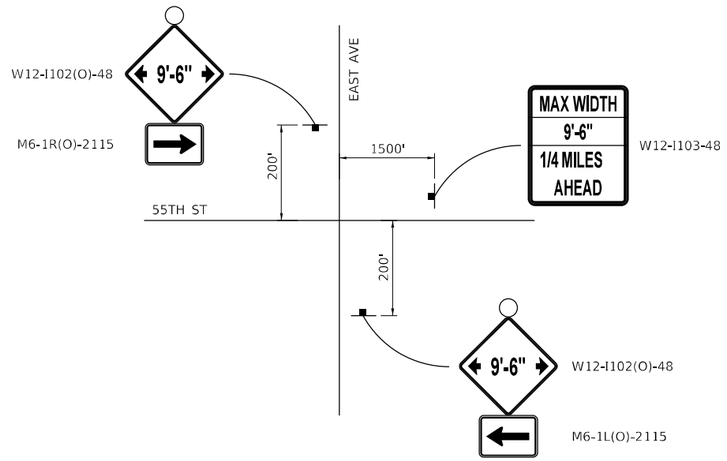
ADVANCE WIDTH RESTRICTION SIGNING FOR SB US 12/20/45 (LAGRANGE RD)



WIDTH RESTRICTION SIGNING FOR EB 55TH ST



WIDTH RESTRICTION SIGNING FOR WB 55TH ST



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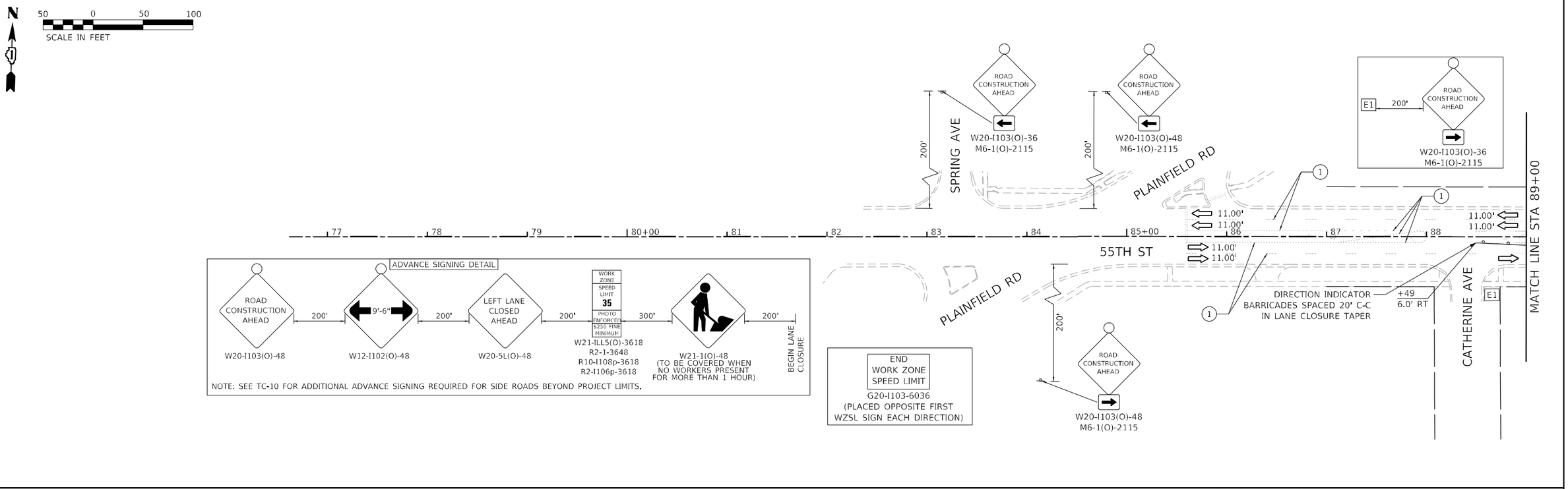
PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
DETAIL – ADVANCE WIDTH RESTRICTION SIGNING

SCALE: | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	68
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		



LEGEND

- WORK AREA
- TEMPORARY PAVEMENT (FROM PRE-STAGE)
- COMPLETED PAVEMENT
- ARROW BOARD
- TEMP CONC BARRIER W/ REFLECTORS (ALL SECTIONS PINNED)
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TL2
- TYPE 3 BARRICADE
- DRUMS OR TYPE II BARRICADE SPACED 50' C-C EXCEPT: TAPERS (20' C-C); RADII (10' C-C)
- DIRECTION OF TRAVEL

1. EXISTING PAVEMENT MARKING
2. TEMP PMK - LINE 4" - TYPE IV TAPE (SOLID WHITE)
3. TEMP PMK - LINE 4" - TYPE IV TAPE (SOLID YELLOW)
4. TEMP PMK - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW)
5. TEMP PMK - LINE 4" - TYPE IV TAPE (WHITE, 30' SKIP - 10' DASH)
6. TEMP PMK - LINE 6" - TYPE IV TAPE (WHITE, 6' SKIP - 2' DASH)
7. TEMP PMK - LINE 6" - TYPE IV TAPE (SOLID WHITE)
8. TEMP PMK - LINE 24" - TYPE IV TAPE (SOLID WHITE)
9. TEMP PMK LET & SYM - TYPE IV TAPE (WHITE)
10. TEMP PMK - LINE 4" - TYPE IV TAPE (YELLOW, 30' SKIP - 10' DASH)
11. TEMP PMK - LINE 12" - TYPE IV TAPE (YELLOW DIAGONAL)
12. TEMP PMK PLACED IN PREVIOUS STAGE

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Civil Engineering Design

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	DRAWN - AN	REVISED -	
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PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 1

SCALE: 1" = 50' | SHEET 1 OF 3 SHEETS | STA. 89+90.76 | TO STA. 102+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	69
		CONTRACT NO. 60R50		
	ILLINOIS FED. AID PROJECT			

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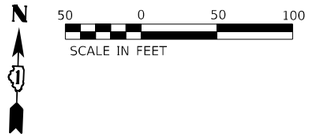
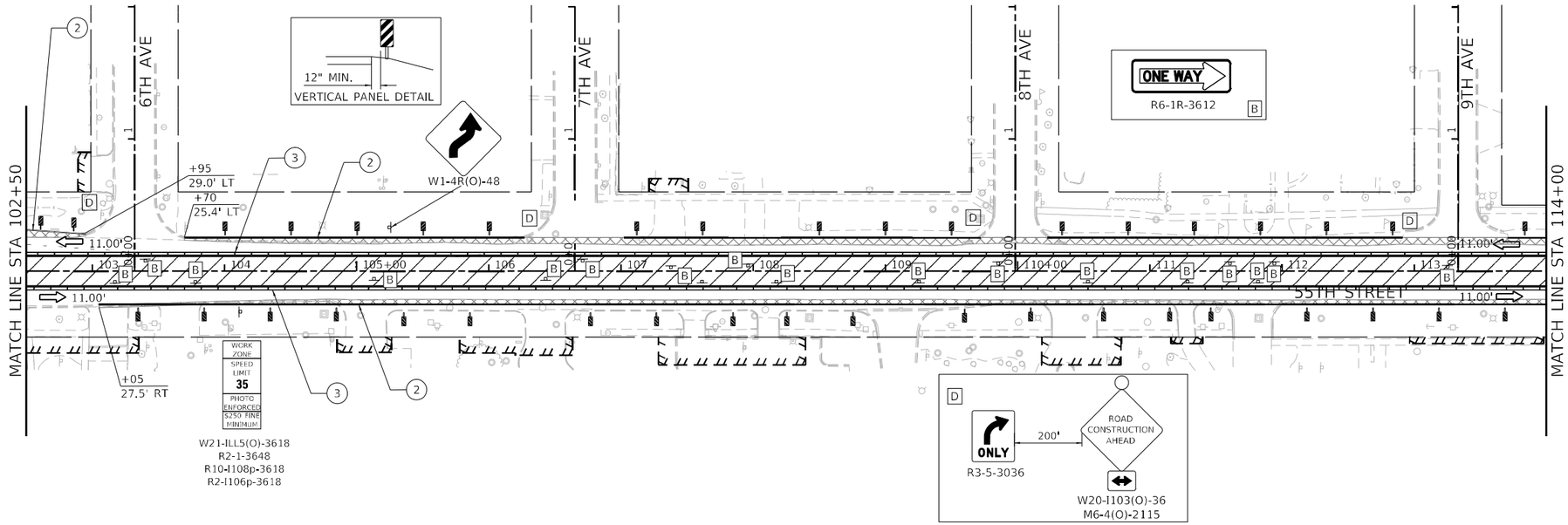
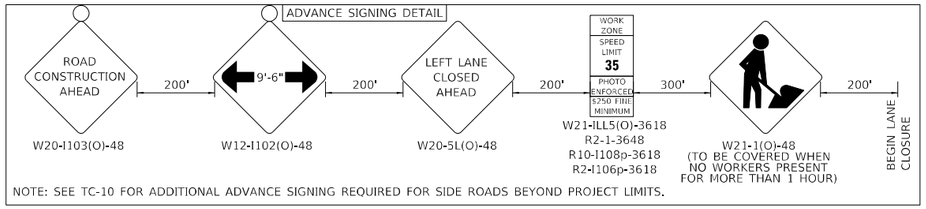
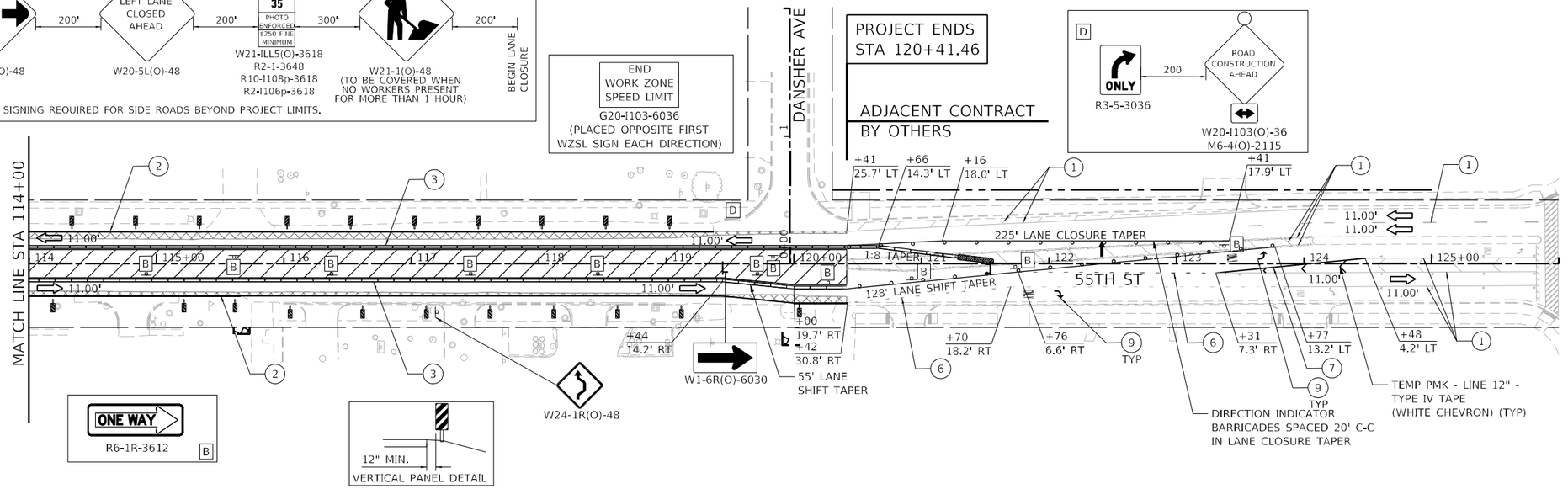










LEGEND

- WORK AREA
- TEMPORARY PAVEMENT (FROM PRE-STAGE)
- COMPLETED PAVEMENT
- ARROW BOARD
- TEMP CONC BARRIER W/ REFLECTORS (ALL SECTIONS PINNED)
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TL2
- TYPE 3 BARRICADE
- DRUMS OR TYPE II BARRICADE SPACED 50' C-C EXCEPT: TAPERS (20' C-C); RADII (10' C-C)
- DIRECTION OF TRAVEL

1. EXISTING PAVEMENT MARKING
2. TEMP PMK - LINE 4" - TYPE IV TAPE (SOLID WHITE)
3. TEMP PMK - LINE 4" - TYPE IV TAPE (SOLID YELLOW)
4. TEMP PMK - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW)
5. TEMP PMK - LINE 4" - TYPE IV TAPE (WHITE, 30' SKIP - 10' DASH)
6. TEMP PMK - LINE 6" - TYPE IV TAPE (WHITE, 6' SKIP - 2' DASH)
7. TEMP PMK - LINE 6" - TYPE IV TAPE (SOLID WHITE)
8. TEMP PMK - LINE 24" - TYPE IV TAPE (SOLID WHITE)
9. TEMP PMK LET & SYM - TYPE IV TAPE (WHITE)
10. TEMP PMK - LINE 4" - TYPE IV TAPE (YELLOW, 30' SKIP - 10' DASH)
11. TEMP PMK - LINE 12" - TYPE IV TAPE (YELLOW DIAGONAL)
12. TEMP PMK PLACED IN PREVIOUS STAGE

MODEL: Default
FILE NAME: 121166-dh-mot-stg1-02.dgn

EFK•Moen
Civil Engineering Design

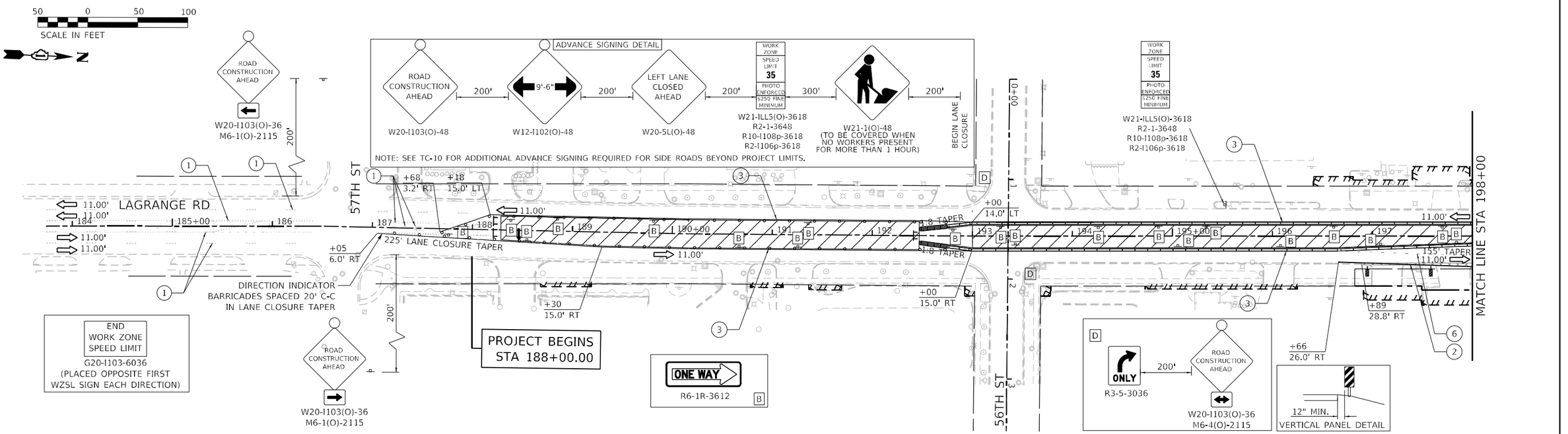
USER NAME = rjiang	DESIGNED - AN	REVISED -
	DRAWN - AN	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED -
PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -

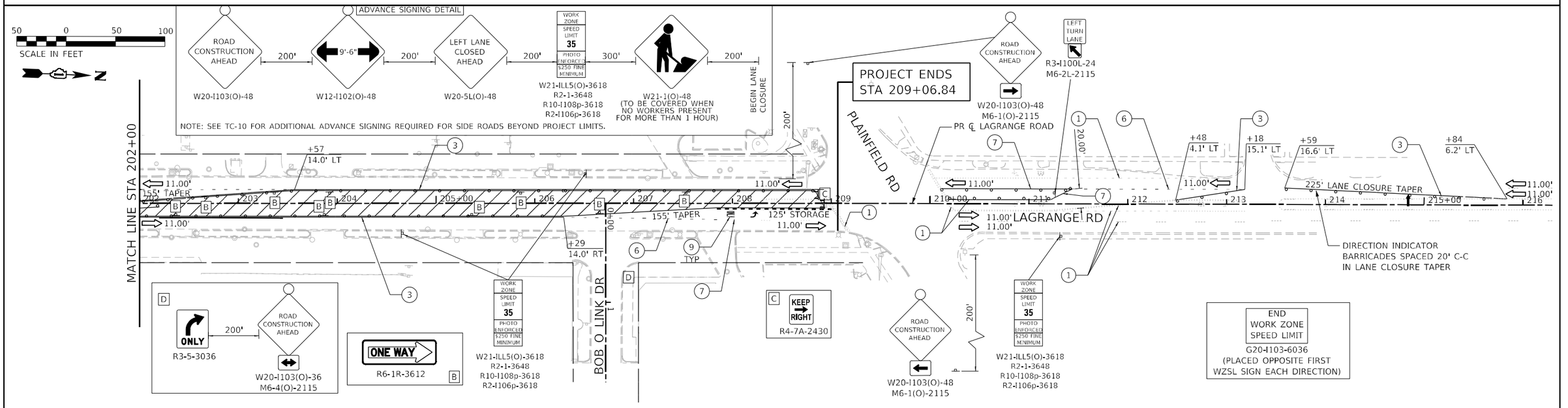
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 1

SCALE: 1" = 50' | SHEET 2 OF 3 SHEETS | STA. 102+50.00 TO STA. 120+41.46

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	70
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		





LEGEND

- WORK AREA
- TEMPORARY PAVEMENT (FROM PRE-STAGE)
- COMPLETED PAVEMENT
- ARROW BOARD
- TEMP CONC BARRIER W/ REFLECTORS (ALL SECTIONS PINNED)
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TL2
- TYPE 3 BARRICADE
- DRUMS OR TYPE II BARRICADE SPACED 50' C-C EXCEPT: TAPERS (20' C-C); RADII (10' C-C)
- DIRECTION OF TRAVEL

1. EXISTING PAVEMENT MARKING
2. TEMP PMK - LINE 4" - TYPE IV TAPE (SOLID WHITE)
3. TEMP PMK - LINE 4" - TYPE IV TAPE (SOLID YELLOW)
4. TEMP PMK - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW)
5. TEMP PMK - LINE 4" - TYPE IV TAPE (WHITE, 30' SKIP - 10' DASH)
6. TEMP PMK - LINE 6" - TYPE IV TAPE (WHITE, 6' SKIP - 2' DASH)
7. TEMP PMK - LINE 6" - TYPE IV TAPE (SOLID WHITE)
8. TEMP PMK - LINE 24" - TYPE IV TAPE (SOLID WHITE)
9. TEMP PMK LET & SYM - TYPE IV TAPE (WHITE)
10. TEMP PMK - LINE 4" - TYPE IV TAPE (YELLOW, 30' SKIP - 10' DASH)
11. TEMP PMK - LINE 12" - TYPE IV TAPE (YELLOW DIAGONAL)
12. TEMP PMK PLACED IN PREVIOUS STAGE

MODEL: Default
FILE NAME: I21106-alt-mot-stg1of3.dgn

EFK♦Moen
Civil Engineering Design

USER NAME = rjiang	DESIGNED - AN	REVISED -	
	DRAWN - AN	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 1

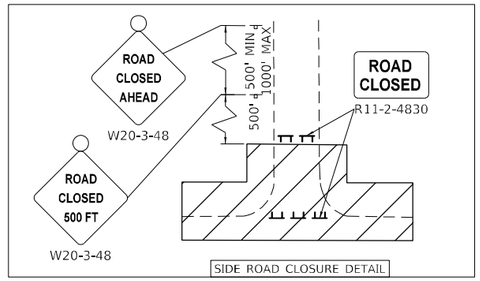
SCALE: 1" = 50' | SHEET 3 OF 3 SHEETS | STA. 188+00.00 | TO STA. 209+06.84

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	71
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	

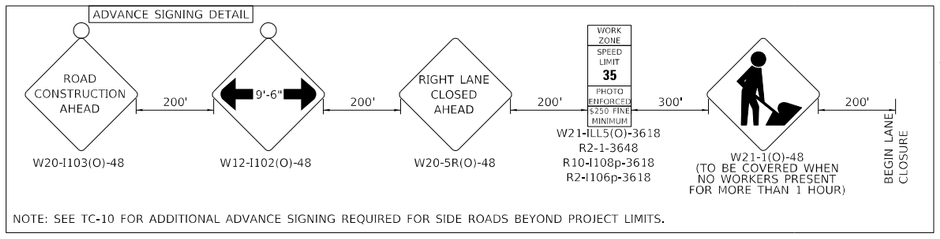
N

50 0 50 100

SCALE IN FEET



SIDE ROAD CLOSURE DETAIL

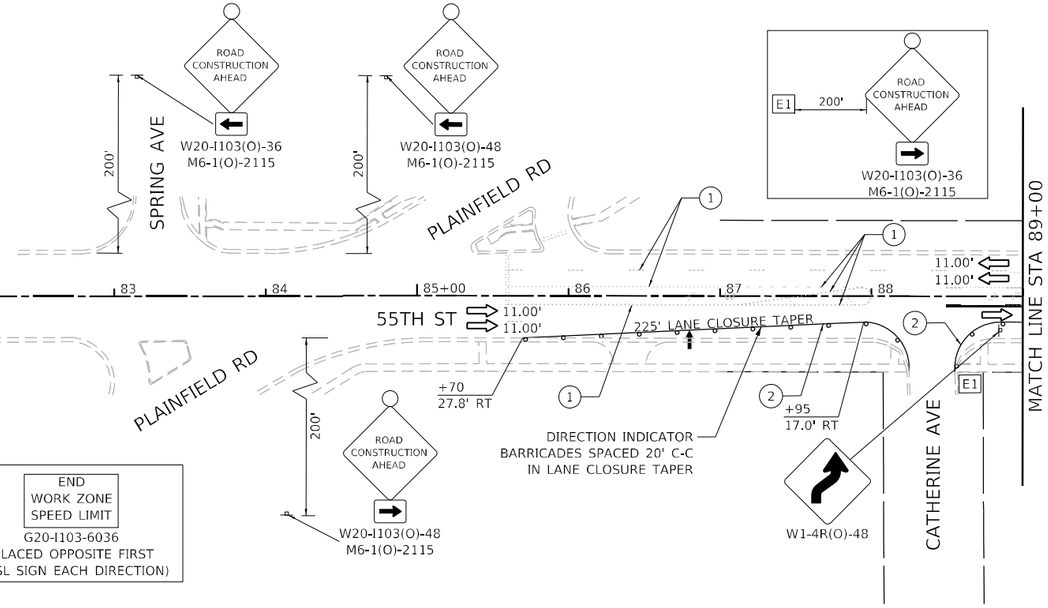


NOTE: SEE TC-10 FOR ADDITIONAL ADVANCE SIGNING REQUIRED FOR SIDE ROADS BEYOND PROJECT LIMITS.

NOTE: SIDE ROAD CONSTRUCTION SHALL BE STAGED TO MINIMIZE SIDE ROAD CLOSURE DURATION. TWO CONSECUTIVE SIDE ROADS MAY NOT BE CLOSED AT THE SAME TIME. FULL ACCESS SHALL BE PROVIDED AT ALL OTHER TIMES UTILIZING FLAGGERS AND TEMPORARY AGGREGATE.

END WORK ZONE SPEED LIMIT

G20-I103-6036
(PLACED OPPOSITE FIRST WZSL SIGN EACH DIRECTION)



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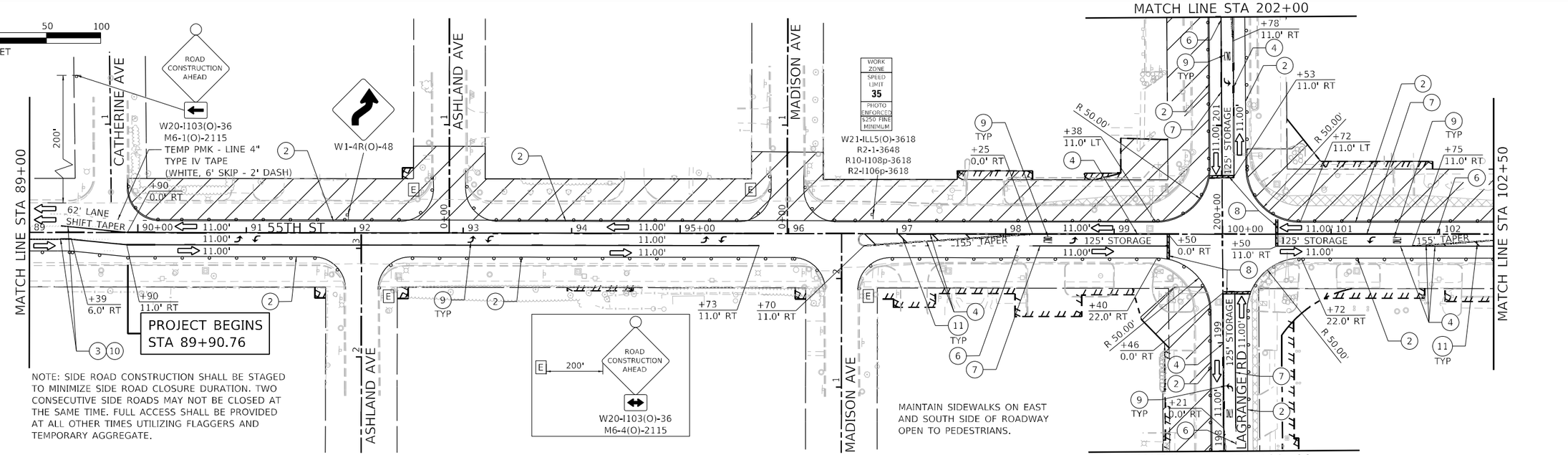
50 0 50 100

SCALE IN FEET



NOTE: SIDE ROAD CONSTRUCTION SHALL BE STAGED TO MINIMIZE SIDE ROAD CLOSURE DURATION. TWO CONSECUTIVE SIDE ROADS MAY NOT BE CLOSED AT THE SAME TIME. FULL ACCESS SHALL BE PROVIDED AT ALL OTHER TIMES UTILIZING FLAGGERS AND TEMPORARY AGGREGATE.

MAINTAIN SIDEWALKS ON EAST AND SOUTH SIDE OF ROADWAY OPEN TO PEDESTRIANS.

LEGEND

- WORK AREA
- TEMPORARY PAVEMENT (FROM PRE-STAGE)
- COMPLETED PAVEMENT
- ARROW BOARD
- TEMP CONC BARRIER W/ REFLECTORS (ALL SECTIONS PINNED)
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TL2
- TYPE 3 BARRICADE
- DRUMS OR TYPE II BARRICADE SPACED 50' C-C EXCEPT: TAPERS (20' C-C); RADII (10' C-C)
- DIRECTION OF TRAVEL

1. EXISTING PAVEMENT MARKING
2. TEMP PMK - LINE 4" - TYPE IV TAPE (SOLID WHITE)
3. TEMP PMK - LINE 4" - TYPE IV TAPE (SOLID YELLOW)
4. TEMP PMK - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW)
5. TEMP PMK - LINE 4" - TYPE IV TAPE (WHITE, 30' SKIP - 10' DASH)
6. TEMP PMK - LINE 6" - TYPE IV TAPE (WHITE, 6' SKIP - 2' DASH)
7. TEMP PMK - LINE 6" - TYPE IV TAPE (SOLID WHITE)
8. TEMP PMK - LINE 24" - TYPE IV TAPE (SOLID WHITE)
9. TEMP PMK LET & SYM - TYPE IV TAPE (WHITE)
10. TEMP PMK - LINE 4" - TYPE IV TAPE (YELLOW, 30' SKIP - 10' DASH)
11. TEMP PMK - LINE 12" - TYPE IV TAPE (YELLOW DIAGONAL)
12. TEMP PMK PLACED IN PREVIOUS STAGE

MODEL: Default
FILE NAME: I:\1166-dhi-mot-tsp2A-01.dgn

EFK•Moen
Civil Engineering Design

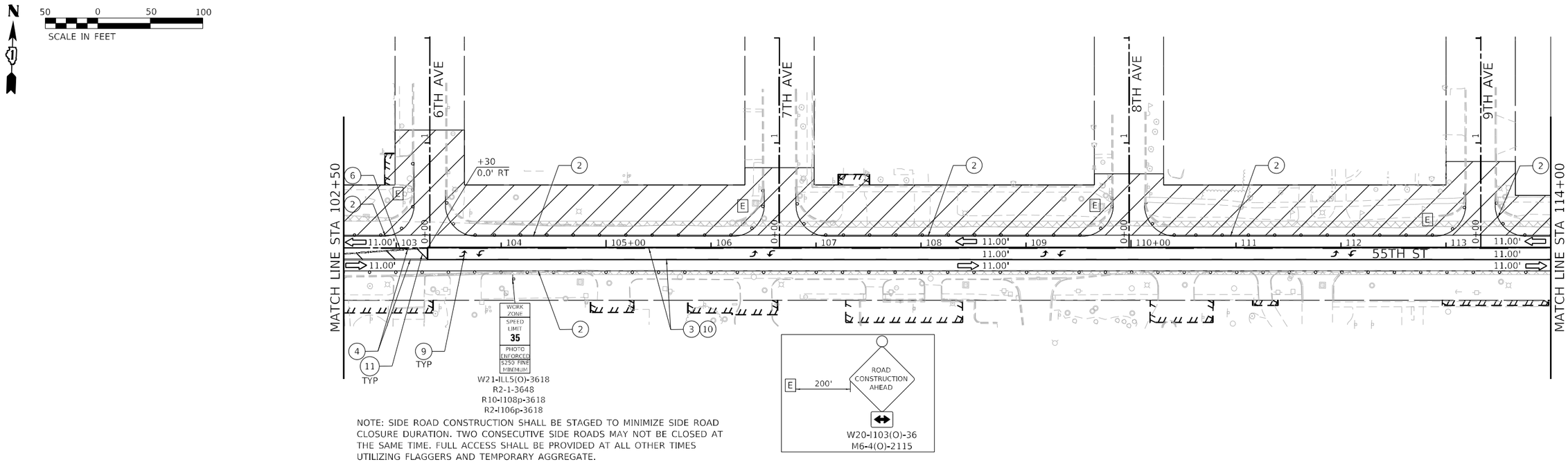
USER NAME = rjiang	DESIGNED - AN	REVISED -	
	DRAWN - AN	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

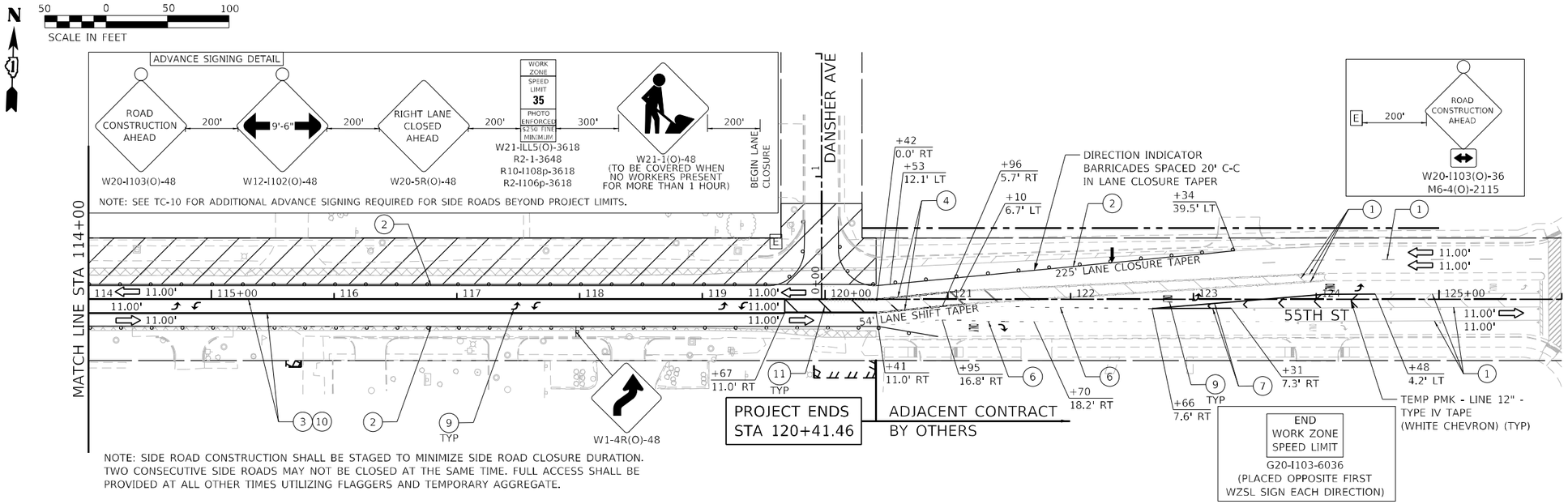
MAINTENANCE OF TRAFFIC
STAGE 2A

SCALE: 1" = 50' | SHEET 1 OF 3 SHEETS | STA. 89+90.76 | TO STA. 102+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	72
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		



NOTE: SIDE ROAD CONSTRUCTION SHALL BE STAGED TO MINIMIZE SIDE ROAD CLOSURE DURATION. TWO CONSECUTIVE SIDE ROADS MAY NOT BE CLOSED AT THE SAME TIME. FULL ACCESS SHALL BE PROVIDED AT ALL OTHER TIMES UTILIZING FLAGGERS AND TEMPORARY AGGREGATE.



NOTE: SIDE ROAD CONSTRUCTION SHALL BE STAGED TO MINIMIZE SIDE ROAD CLOSURE DURATION. TWO CONSECUTIVE SIDE ROADS MAY NOT BE CLOSED AT THE SAME TIME. FULL ACCESS SHALL BE PROVIDED AT ALL OTHER TIMES UTILIZING FLAGGERS AND TEMPORARY AGGREGATE.

LEGEND

- WORK AREA
- TEMPORARY PAVEMENT (FROM PRE-STAGE)
- COMPLETED PAVEMENT
- ARROW BOARD
- TEMP CONC BARRIER W/ REFLECTORS (ALL SECTIONS PINNED)
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TL2
- TYPE 3 BARRICADE
- DRUMS OR TYPE II BARRICADE SPACED 50' C-C EXCEPT: TAPERS (20' C-C); RADII (10' C-C)
- DIRECTION OF TRAVEL

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2. TEMP PMK - LINE 4" - TYPE IV TAPE (SOLID WHITE)
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8. TEMP PMK - LINE 24" - TYPE IV TAPE (SOLID WHITE)
9. TEMP PMK LET & SYM - TYPE IV TAPE (WHITE)
10. TEMP PMK - LINE 4" - TYPE IV TAPE (YELLOW, 30' SKIP - 10' DASH)
11. TEMP PMK - LINE 12" - TYPE IV TAPE (YELLOW DIAGONAL)
12. TEMP PMK PLACED IN PREVIOUS STAGE

MODEL: Default
FILE NAME: I:\166-ths-mot-stg2A-02.dgn

EFK♦Moen
Civil Engineering Design

USER NAME = rjiang	DESIGNED - AN	REVISED -
	DRAWN - AN	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED -
PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 2A

SCALE: 1" = 50' | SHEET 2 OF 3 SHEETS | STA. 102+50.00 TO STA. 120+41.46

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	73
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

SCALE IN FEET

ADVANCE SIGNING DETAIL

ROAD CONSTRUCTION AHEAD — W20-I103(O)-48 — 200' — 9'-6" — W12-I102(O)-48 — 200' — RIGHT LANE CLOSED AHEAD — W20-5R(O)-48 — 200' — WORK ZONE SPEED LIMIT 35 PHOTO ENFORCED $250 FINE MINIMUM — W21-ILL5(O)-3618, R2-1-3648, R10-I108p-3618, R2-I106p-3618 — 300' — W21-1(O)-48 (TO BE COVERED WHEN NO WORKERS PRESENT FOR MORE THAN 1 HOUR) — 200' — BEGIN LANE CLOSURE

NOTE: SEE TC-10 FOR ADDITIONAL ADVANCE SIGNING REQUIRED FOR SIDE ROADS BEYOND PROJECT LIMITS.

LAGRANGE RD

57TH ST

56TH ST

W1-4R(O)-48

W20-I103(O)-36, M6-1(O)-2115

W20-I103(O)-36, M6-4(O)-2115

W21-ILL5(O)-3618, R2-1-3648, R10-I108p-3618, R2-I106p-3618

184 | 185+00 | 186 | 187 | 188 | 189 | 190+00 | 191 | 192 | 193 | 194 | 195+00 | 196 | 197

11.00' | 11.00' | 11.00' | 11.00' | 11.00' | 11.00' | 11.00' | 11.00' | 11.00' | 11.00' | 11.00' | 11.00' | 11.00' | 11.00' | 11.00'

55' LANE SHIFT TAPER

225' LANE CLOSURE TAPER

94' TAPER

155' TAPER

+97 28.0' RT

+23 17.0' RT

+46 5.7' RT

+00 11.0' RT

+04 11.0' RT

+54 0.0' RT

+49 16.0' LT

+78 0.0' RT

+84 11.0' RT

+66 11.0' RT

DIRECTION INDICATOR BARRICADES SPACED 20' C-C IN LANE CLOSURE TAPER

40' STORAGE

50' TAPER

50' STORAGE

108' STORAGE

PROJECT BEGINS STA 188+00.00

END WORK ZONE SPEED LIMIT — G20-I103-6036 (PLACED OPPOSITE FIRST WZSL SIGN EACH DIRECTION)

MATCH LINE STA 198+00

NOTE: SIDE ROAD CONSTRUCTION SHALL BE STAGED TO MINIMIZE SIDE ROAD CLOSURE DURATION. TWO CONSECUTIVE SIDE ROADS MAY NOT BE CLOSED AT THE SAME TIME. FULL ACCESS SHALL BE PROVIDED AT ALL OTHER TIMES UTILIZING FLAGGERS AND TEMPORARY AGGREGATE.

SCALE IN FEET

ADVANCE SIGNING DETAIL

ROAD CONSTRUCTION AHEAD — W20-I103(O)-48 — 200' — 9'-6" — W12-I102(O)-48 — 200' — RIGHT LANE CLOSED AHEAD — W20-5R(O)-48 — 200' — WORK ZONE SPEED LIMIT 35 PHOTO ENFORCED $250 FINE MINIMUM — W21-ILL5(O)-3618, R2-1-3648, R10-I108p-3618, R2-I106p-3618 — 300' — W21-1(O)-48 (TO BE COVERED WHEN NO WORKERS PRESENT FOR MORE THAN 1 HOUR) — 200' — BEGIN LANE CLOSURE

NOTE: SEE TC-10 FOR ADDITIONAL ADVANCE SIGNING REQUIRED FOR SIDE ROADS BEYOND PROJECT LIMITS.

MATCH LINE STA 202+00

BOB O LINK DR

PLAINFIELD RD

PR ℄ LAGRANGE ROAD

LAGRANGE RD

W20-I103(O)-48, M6-1(O)-2115

R3-I100R-24, M6-2R-2115

W1-4R(O)-48

W21-ILL5(O)-3618, R2-1-3648, R10-I108p-3618, R2-I106p-3618

202 | 203 | 204 | 205+00 | 206 | 207 | 208 | 209 | 210+00 | 211 | 212 | 213 | 214 | 215+00 | 216

11.00' | 11.00' | 11.00' | 11.00' | 11.00' | 11.00' | 11.00' | 11.00' | 11.00' | 11.00' | 11.00' | 11.00' | 11.00' | 11.00' | 11.00'

155' TAPER

125' STORAGE

100' STORAGE

160' STORAGE

66' STORAGE

50' LANE SHIFT TAPER

225' LANE CLOSURE TAPER

+33 0.0' RT

+20 11.0' RT

+00 0.0' RT

+26 11.0' RT

+75 0.0' RT

+52 0.0' RT

+29 30.9' LT

+27 11.0' LT

+64 26.0' LT

+89 15.1' LT

+76 16.7' LT

+01 30.4' LT

+15 16.4' RT

+65 5.3' RT

+59 10.9' RT

DIRECTION INDICATOR BARRICADES SPACED 20' C-C IN LANE CLOSURE TAPER

END WORK ZONE SPEED LIMIT — G20-I103-6036 (PLACED OPPOSITE FIRST WZSL SIGN EACH DIRECTION)

NOTE: SIDE ROAD CONSTRUCTION SHALL BE STAGED TO MINIMIZE SIDE ROAD CLOSURE DURATION TWO CONSECUTIVE SIDE ROADS MAY NOT BE CLOSED AT THE SAME TIME. FULL ACCESS SHALL BE PROVIDED AT ALL OTHER TIMES UTILIZING FLAGGERS AND TEMPORARY AGGREGATE.

PROJECT ENDS STA 209+06.84

LEGEND

- WORK AREA
- TEMPORARY PAVEMENT (FROM PRE-STAGE)
- COMPLETED PAVEMENT
- ARROW BOARD
- TEMP CONC BARRIER W/ REFLECTORS (ALL SECTIONS PINNED)
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TL2
- TYPE 3 BARRICADE
- DRUMS OR TYPE II BARRICADE SPACED 50' C-C EXCEPT: TAPERS (20' C-C); RADII (10' C-C)
- DIRECTION OF TRAVEL

(1) EXISTING PAVEMENT MARKING
(2) TEMP PMK - LINE 4" - TYPE IV TAPE (SOLID WHITE)
(3) TEMP PMK - LINE 4" - TYPE IV TAPE (SOLID YELLOW)
(4) TEMP PMK - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW)
(5) TEMP PMK - LINE 4" - TYPE IV TAPE (WHITE, 30' SKIP - 10' DASH)
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(7) TEMP PMK - LINE 6" - TYPE IV TAPE (SOLID WHITE)
(8) TEMP PMK - LINE 24" - TYPE IV TAPE (SOLID WHITE)
(9) TEMP PMK LET & SYM - TYPE IV TAPE (WHITE)
(10) TEMP PMK - LINE 4" - TYPE IV TAPE (YELLOW, 30' SKIP - 10' DASH)
(11) TEMP PMK - LINE 12" - TYPE IV TAPE (YELLOW DIAGONAL)
(12) TEMP PMK PLACED IN PREVIOUS STAGE

MODEL: Default
FILE NAME: 12:\166-ihs-not-stg2A-03.dgn

EFK♦Moen
Civil Engineering Design

USER NAME = rjiang	DESIGNED - AN	REVISED -	
	DRAWN - AN	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 2A

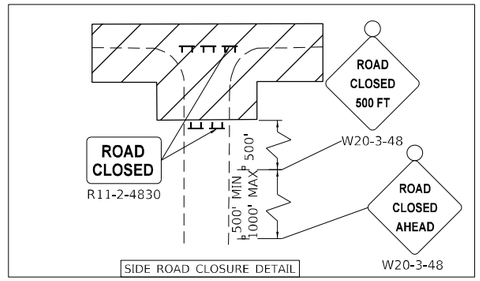
SCALE: 1" = 50' | SHEET 3 OF 3 SHEETS | STA. 188+00.00 | TO STA. 209+06.84

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	74
		CONTRACT NO. 60R50		
	ILLINOIS FED. AID PROJECT			

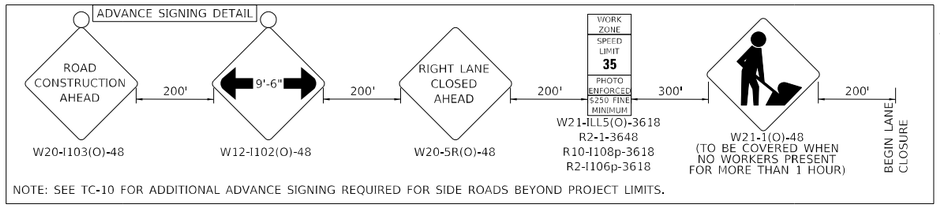
N

50 0 50 100

SCALE IN FEET



SIDE ROAD CLOSURE DETAIL

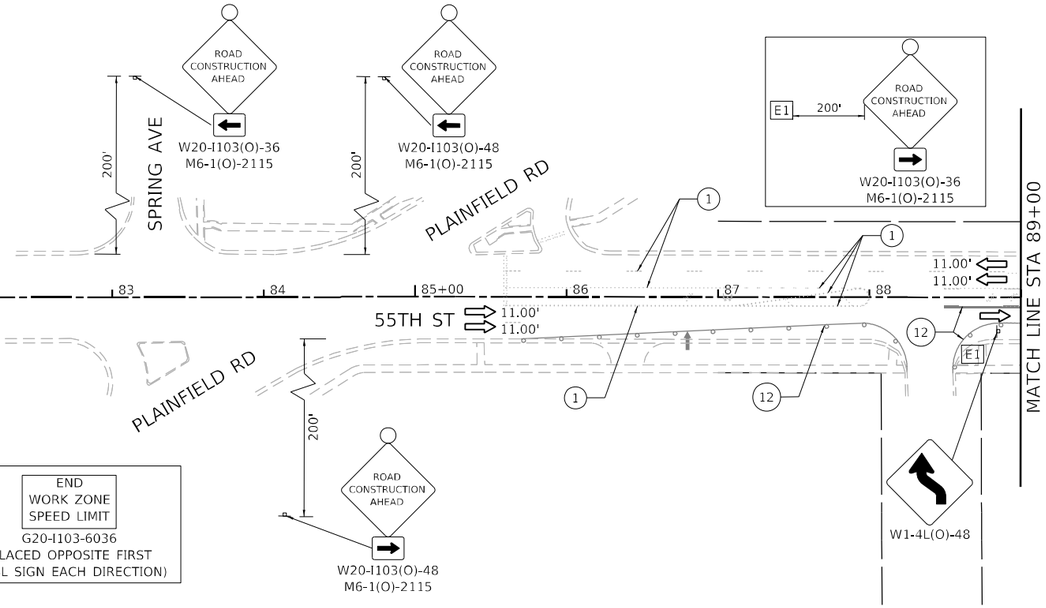


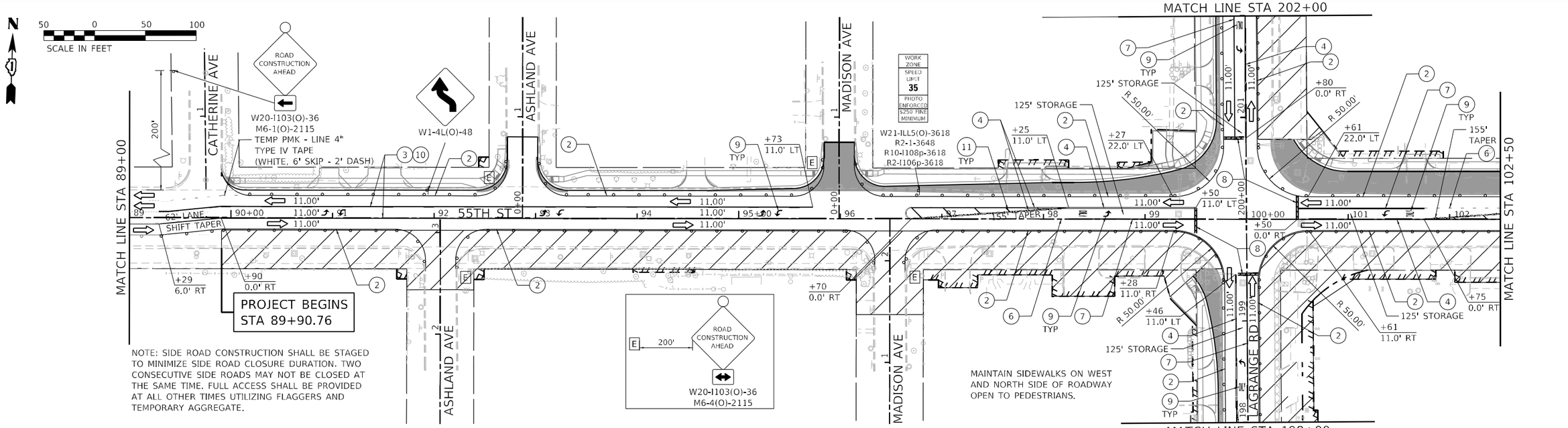
NOTE: SEE TC-10 FOR ADDITIONAL ADVANCE SIGNING REQUIRED FOR SIDE ROADS BEYOND PROJECT LIMITS.

NOTE: SIDE ROAD CONSTRUCTION SHALL BE STAGED TO MINIMIZE SIDE ROAD CLOSURE DURATION. TWO CONSECUTIVE SIDE ROADS MAY NOT BE CLOSED AT THE SAME TIME. FULL ACCESS SHALL BE PROVIDED AT ALL OTHER TIMES UTILIZING FLAGGERS AND TEMPORARY AGGREGATE.

END WORK ZONE SPEED LIMIT

G20-I103-6036
(PLACED OPPOSITE FIRST WZSL SIGN EACH DIRECTION)





NOTE: SIDE ROAD CONSTRUCTION SHALL BE STAGED TO MINIMIZE SIDE ROAD CLOSURE DURATION. TWO CONSECUTIVE SIDE ROADS MAY NOT BE CLOSED AT THE SAME TIME. FULL ACCESS SHALL BE PROVIDED AT ALL OTHER TIMES UTILIZING FLAGGERS AND TEMPORARY AGGREGATE.

LEGEND

- WORK AREA
- TEMPORARY PAVEMENT (FROM PRE-STAGE)
- COMPLETED PAVEMENT
- ARROW BOARD
- TEMP CONC BARRIER W/ REFLECTORS (ALL SECTIONS PINNED)
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TL2
- TYPE 3 BARRICADE
- DRUMS OR TYPE II BARRICADE SPACED 50' C-C EXCEPT: TAPERS (20' C-C); RADII (10' C-C)
- DIRECTION OF TRAVEL

1. EXISTING PAVEMENT MARKING
2. TEMP PMK - LINE 4" - TYPE IV TAPE (SOLID WHITE)
3. TEMP PMK - LINE 4" - TYPE IV TAPE (SOLID YELLOW)
4. TEMP PMK - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW)
5. TEMP PMK - LINE 4" - TYPE IV TAPE (WHITE, 30' SKIP - 10' DASH)
6. TEMP PMK - LINE 6" - TYPE IV TAPE (WHITE, 6' SKIP - 2' DASH)
7. TEMP PMK - LINE 6" - TYPE IV TAPE (SOLID WHITE)
8. TEMP PMK - LINE 24" - TYPE IV TAPE (SOLID WHITE)
9. TEMP PMK LET & SYM - TYPE IV TAPE (WHITE)
10. TEMP PMK - LINE 4" - TYPE IV TAPE (YELLOW, 30' SKIP - 10' DASH)
11. TEMP PMK - LINE 12" - TYPE IV TAPE (YELLOW DIAGONAL)
12. TEMP PMK PLACED IN PREVIOUS STAGE

MODEL: Default
FILE NAME: 121166-dh-mot-stg2b-01.dgn

EFK•Moen
Civil Engineering Design

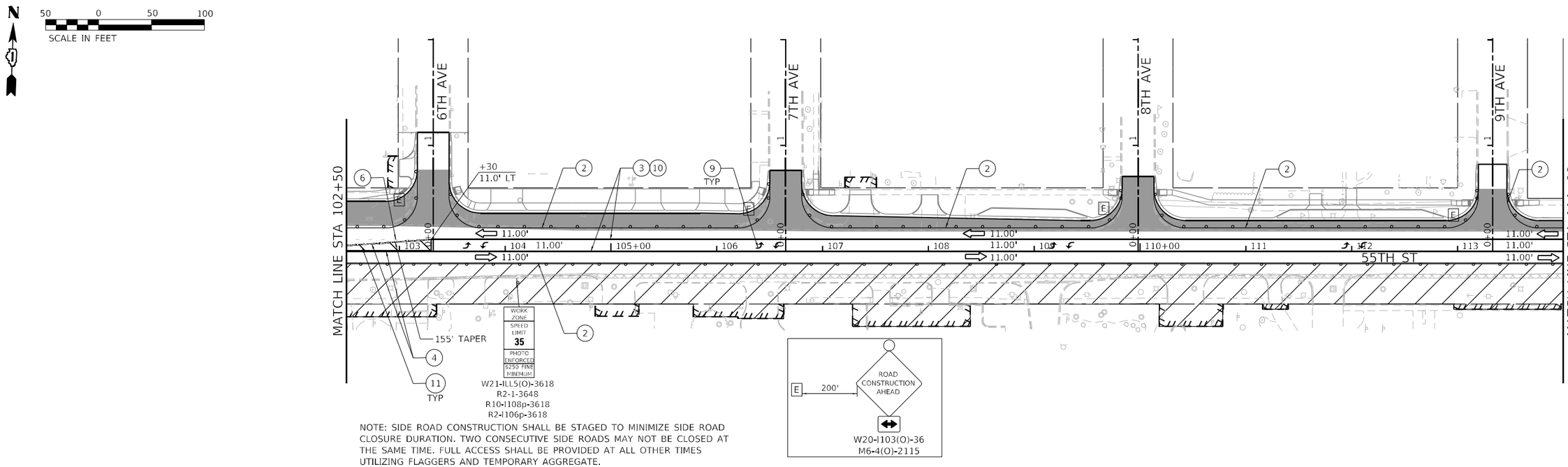
USER NAME = rjiang	DESIGNED - AN	REVISED -	
	DRAWN - AN	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

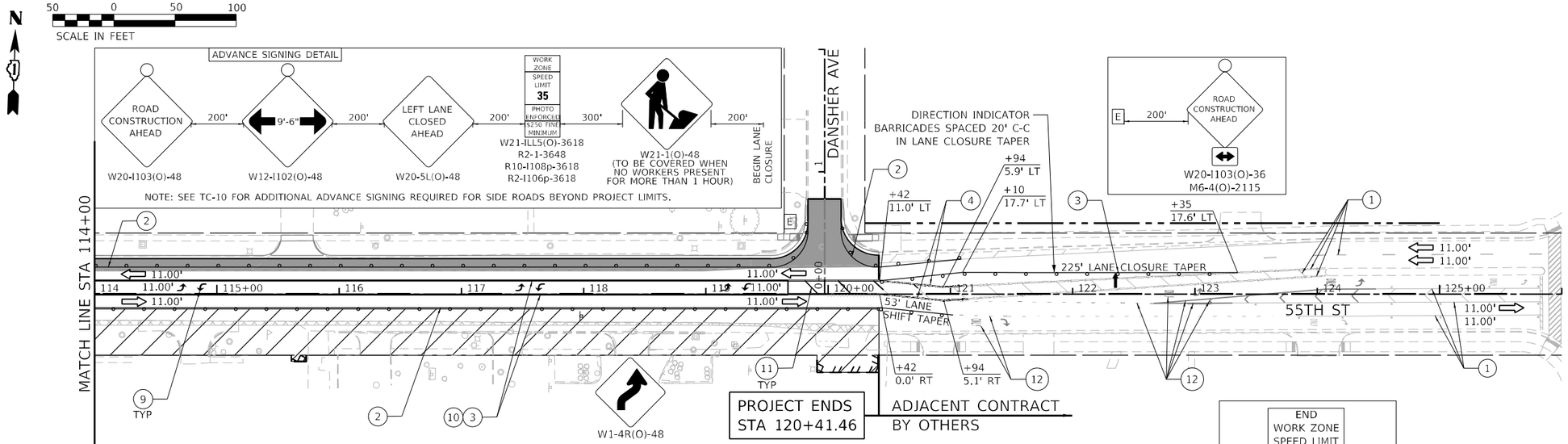
MAINTENANCE OF TRAFFIC
STAGE 2B

SCALE: 1" = 50' | SHEET 1 OF 3 SHEETS | STA. 89+90.76 | TO STA. 102+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	75
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		



NOTE: SIDE ROAD CONSTRUCTION SHALL BE STAGED TO MINIMIZE SIDE ROAD CLOSURE DURATION. TWO CONSECUTIVE SIDE ROADS MAY NOT BE CLOSED AT THE SAME TIME. FULL ACCESS SHALL BE PROVIDED AT ALL OTHER TIMES UTILIZING FLAGGERS AND TEMPORARY AGGREGATE.



NOTE: SIDE ROAD CONSTRUCTION SHALL BE STAGED TO MINIMIZE SIDE ROAD CLOSURE DURATION. TWO CONSECUTIVE SIDE ROADS MAY NOT BE CLOSED AT THE SAME TIME. FULL ACCESS SHALL BE PROVIDED AT ALL OTHER TIMES UTILIZING FLAGGERS AND TEMPORARY AGGREGATE.

LEGEND

- WORK AREA
- TEMPORARY PAVEMENT (FROM PRE-STAGE)
- COMPLETED PAVEMENT
- ARROW BOARD
- TEMP CONC BARRIER W/ REFLECTORS (ALL SECTIONS PINNED)
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TL2
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11. TEMP PMK - LINE 12" - TYPE IV TAPE (YELLOW DIAGONAL)
12. TEMP PMK PLACED IN PREVIOUS STAGE

MODEL: Default
FILE NAME: 12-1165-illi-mot-stg2b-02.dgn

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Civil Engineering Design

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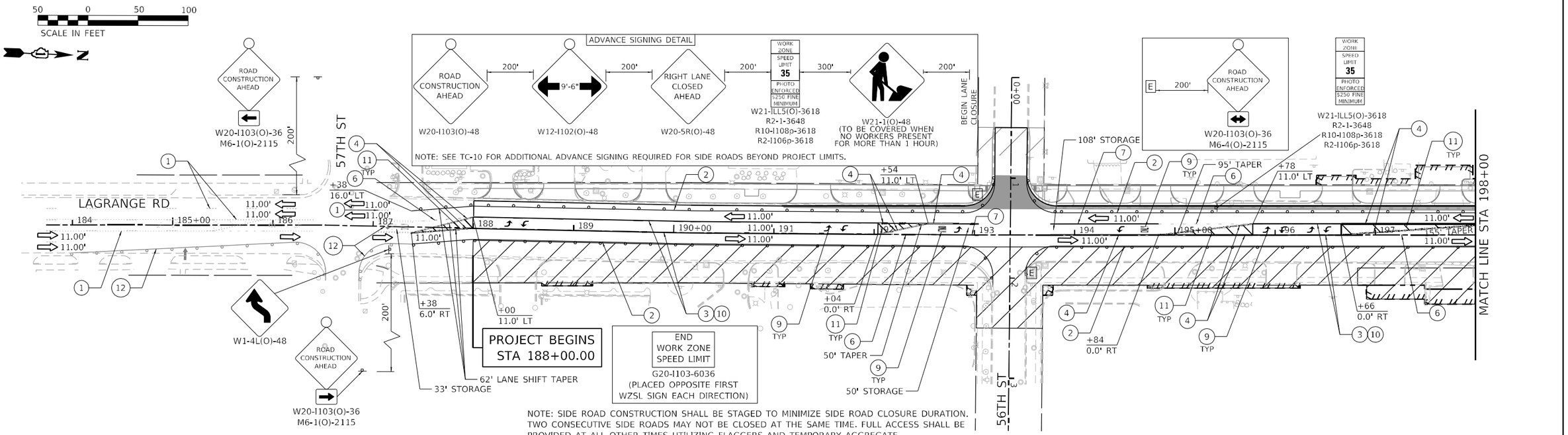
PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -	

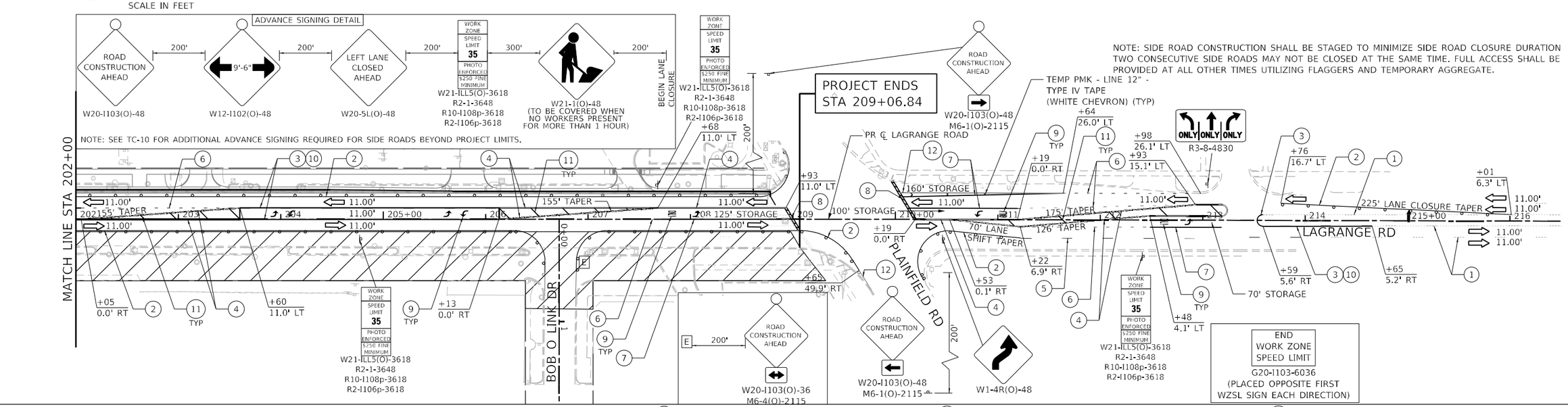
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 2B

SCALE: 1" = 50' | SHEET 2 OF 3 SHEETS | STA. 102+50.00 TO STA. 120+41.46

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	76
		CONTRACT NO. 60R50		
	ILLINOIS FED. AID PROJECT			





LEGEND

- WORK AREA
- TEMPORARY PAVEMENT (FROM PRE-STAGE)
- COMPLETED PAVEMENT
- ARROW BOARD
- TEMP CONC BARRIER W/ REFLECTORS (ALL SECTIONS PINNED)
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TL2
- TYPE 3 BARRICADE
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10. TEMP PMK - LINE 4" - TYPE IV TAPE (YELLOW, 30' SKIP - 10' DASH)
11. TEMP PMK - LINE 12" - TYPE IV TAPE (YELLOW DIAGONAL)
12. TEMP PMK PLACED IN PREVIOUS STAGE

MODEL: Default
FILE NAME: 12166-ihs-mot-stg2B-03.dgn

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Civil Engineering Design

USER NAME = rjiang	DESIGNED - AN	REVISED -
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PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED -
PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 2B

SCALE: 1" = 50' | SHEET 3 OF 3 SHEETS | STA. 188+00.00 | TO STA. 209+06.84

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	77
		CONTRACT NO. 60R50		
	ILLINOIS FED. AID PROJECT			

N

50 0 50 100

SCALE IN FEET

ADVANCE SIGNING DETAIL

ROAD CONSTRUCTION AHEAD — W20-I103(O)-48 — 200' — 9'-6" — W12-I102(O)-48 — 200' — LEFT LANE CLOSED AHEAD — W20-5L(O)-48 — 200' — WORK ZONE SPEED LIMIT 35 PHOTO ENFORCED $250 FINE MINIMUM — W21-ILL5(O)-3618, R2-1-3648, R10-I108p-3618, R2-I106p-3618 — 300' — W21-1(O)-48 (TO BE COVERED WHEN NO WORKERS PRESENT FOR MORE THAN 1 HOUR) — 200' — BEGIN LANE CLOSURE

NOTE: SEE TC-10 FOR ADDITIONAL ADVANCE SIGNING REQUIRED FOR SIDE ROADS BEYOND PROJECT LIMITS.

END WORK ZONE SPEED LIMIT
G20-I103-6036
(PLACED OPPOSITE FIRST WZSL SIGN EACH DIRECTION)

ROAD CONSTRUCTION AHEAD — W20-I103(O)-48, M6-1(O)-2115 — 200' — SPRING AVE

ROAD CONSTRUCTION AHEAD — W20-I103(O)-48, M6-1(O)-2115 — 200' — PLAINFIELD RD

ROAD CONSTRUCTION AHEAD — W20-I103(O)-48, M6-1(O)-2115 — 200' — PLAINFIELD RD

E1 — 200' — ROAD CONSTRUCTION AHEAD — W20-I103(O)-36, M6-1(O)-2115

77 78 79 80+00 81 82 83 84 85+00 86 87 88

55TH ST

11.00' 11.00' 11.00' 11.00'

+48 5.5' LT — 100' TURN LANE CLOSURE

CATHERINE AVE

MATCH LINE STA 89+00

MATCH LINE STA 202+00

N

50 0 50 100

SCALE IN FEET

D1 — 200' — ROAD CONSTRUCTION AHEAD — ONLY — R3-5-3036 — W20-I103(O)-36, M6-1(O)-2115

CATHERINE AVE

ASHLAND AVE

MADISON AVE

TEMP PMK - LINE 4" PAINT (WHITE, 6' SKIP - 2' DASH)

100' LANE SHIFT TAPER

+32 16.5' LT

+69 16.5' LT

WORK ZONE SPEED LIMIT 35 PHOTO ENFORCED $250 FINE MINIMUM — W21-ILL5(O)-3618, R2-1-3648, R10-I108p-3618, R2-I106p-3618

ONE WAY — R6-1R-3612

+84 25.0' LT

+80 7.0' LT

+19 21.4' LT

+17 3.0' RT

+78 15.6' RT

+77 14.0' LT

+04 14.0' LT

+32 21.0' RT

+77 10.5' RT

+22 14.9' LT

+20 10.0' RT

+92 3.0' RT

+37 16.5' RT

+06 30.1' RT

+74 16.5' RT

+49 5.5' RT

55TH ST

89 90+00 91 92 93 94 95+00 96 97 98 99 100+00 101 102

11.00' 11.00' 11.00' 11.00' 11.00' 11.00' 11.00' 11.00'

225' LANE CLOSURE TAPER

155' TAPER

125' STORAGE

125' STORAGE

125' STORAGE

125' STORAGE

TEMP PMK SHALL BE TYPE IV TAPE OUTSIDE PROJECT LIMITS.*

DIRECTION INDICATOR BARRICADES SPACED 20' C-C IN LANE CLOSURE TAPER

TEMP PMK SHALL BE PAINT WITHIN PROJECT LIMITS.*

PROJECT BEGINS STA 89+90.76

ONLY — R3-5-3036 — 200' — ROAD CONSTRUCTION AHEAD — W20-I103(O)-36, M6-4(O)-2115

ONLY ONLY ONLY — R3-8-4830

KEEP RIGHT — R4-7A-2430

LAGRANGE RD

MATCH LINE STA 89+00

MATCH LINE STA 102+50

MATCH LINE STA 198+00

LEGEND

- WORK AREA
- TEMPORARY PAVEMENT (FROM PRE-STAGE)
- COMPLETED PAVEMENT
- ARROW BOARD
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- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TL2
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12. TEMP PMK PLACED IN PREVIOUS STAGE

MODEL: Default
FILE NAME: 12-166-int-mot-stg3-01.dgn

EFK•Moen
Civil Engineering Design

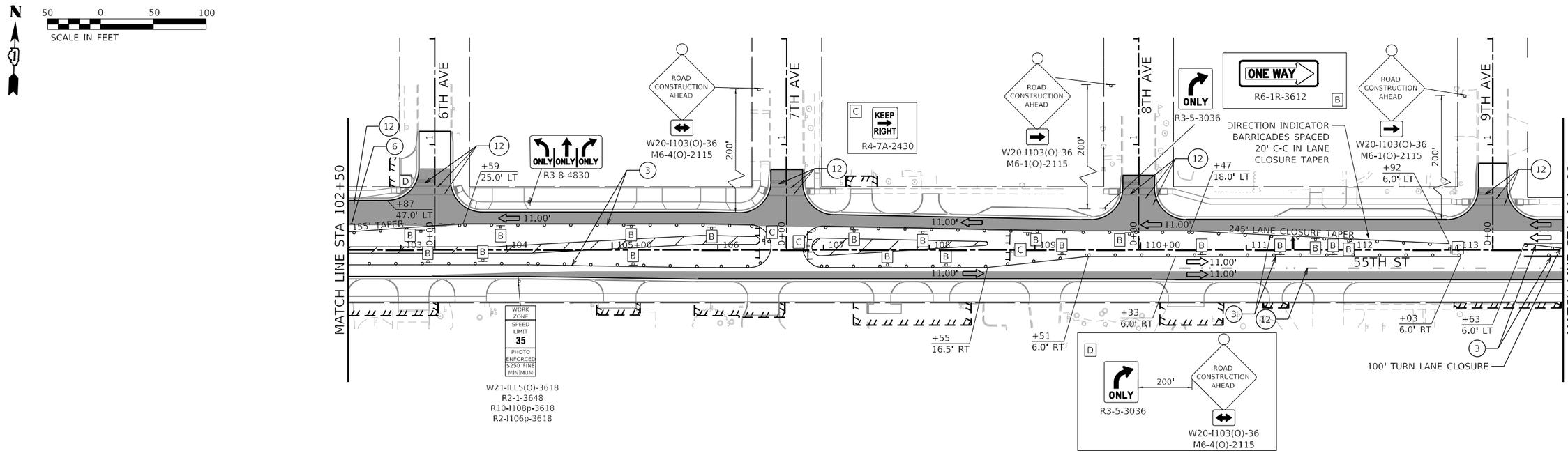
USER NAME = rjiang	DESIGNED - AN	REVISED -	
	DRAWN - AN	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -	

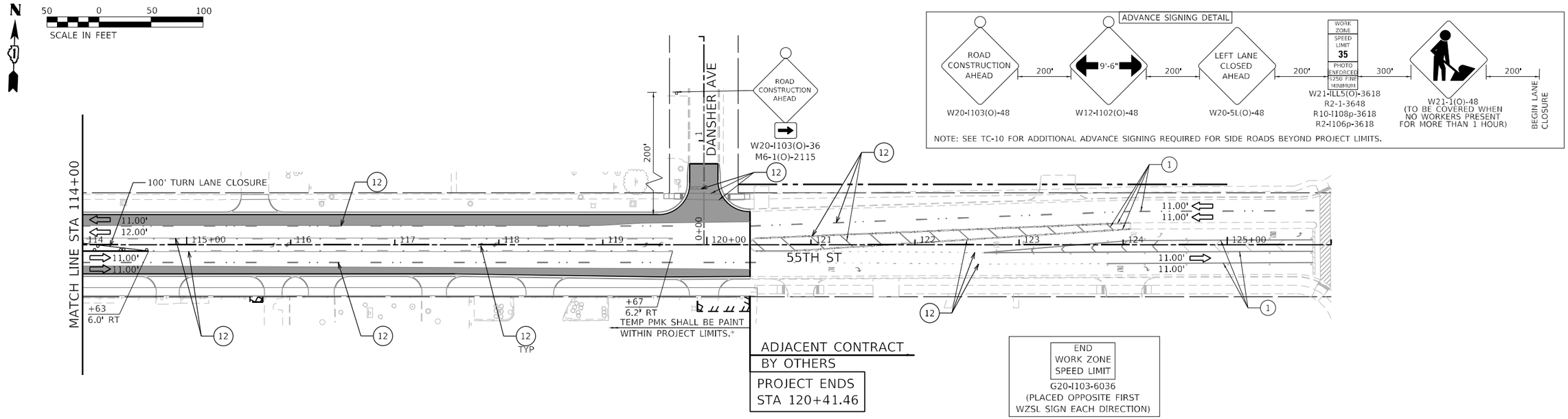
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 3

SCALE: 1" = 50' | SHEET 1 OF 3 SHEETS | STA. 89+90.76 | TO STA. 102+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	78
		CONTRACT NO. 60R50		
	ILLINOIS FED. AID PROJECT			





LEGEND

- WORK AREA
- TEMPORARY PAVEMENT (FROM PRE-STAGE)
- COMPLETED PAVEMENT
- ARROW BOARD
- TEMP CONC BARRIER W/ REFLECTORS (ALL SECTIONS PINNED)
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MODEL: Default
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Civil Engineering Design

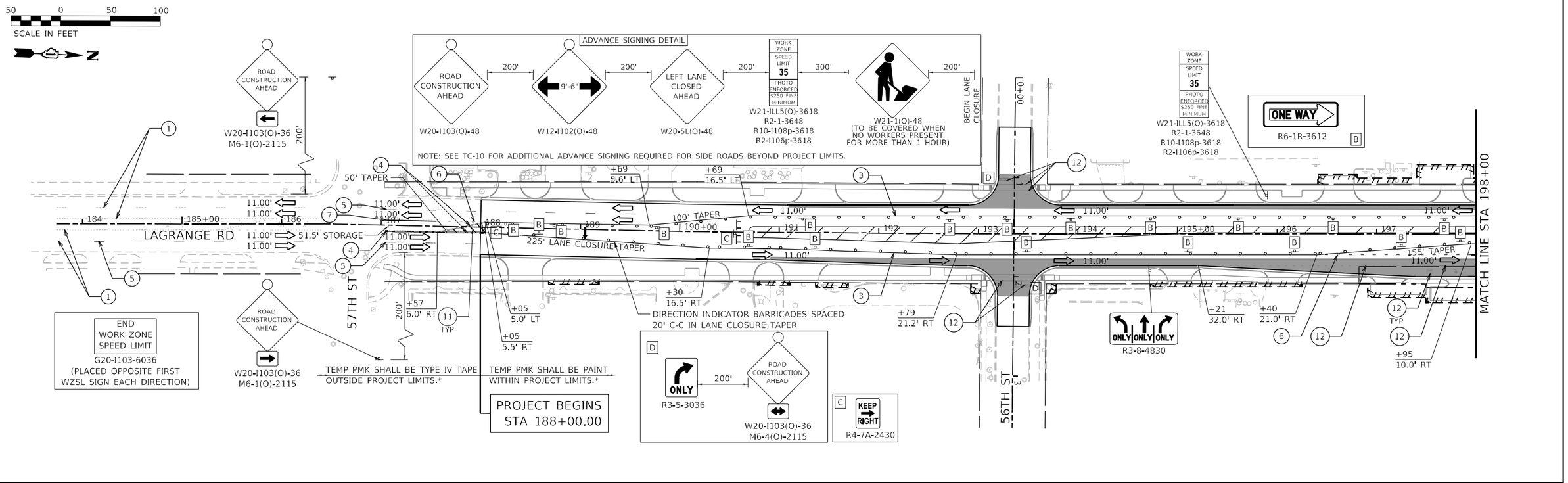
USER NAME = rjiang	DESIGNED - AN	REVISED -	
	DRAWN - AN	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -	

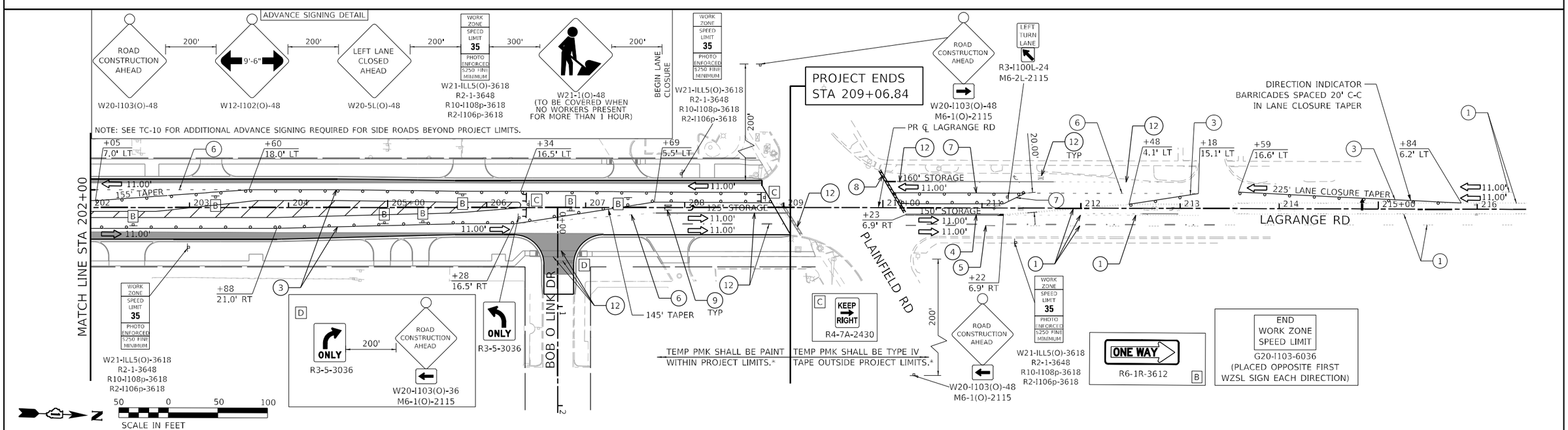
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 3

SCALE: 1" = 50' | SHEET 2 OF 3 SHEETS | STA. 102+50.00 | TO STA. 120+41.46

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	79
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	





LEGEND

- WORK AREA
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12. TEMP PMK PLACED IN PREVIOUS STAGE

MODEL: Default
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Civil Engineering Design

USER NAME = rjiang	DESIGNED - AN	REVISED -	
	DRAWN - AN	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED -	
PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 3

SCALE: 1" = 50' | SHEET 3 OF 3 SHEETS | STA. 188+00.00 TO STA. 209+06.84

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	80

CONTRACT NO. 60R50

ILLINOIS FED. AID PROJECT

TRUCK DETOUR GENERAL DESCRIPTION:

NO TURNING MOVEMENTS FOR TRUCKS OVER 40' IN LENGTH ARE ALLOWED AT THE INTERSECTION OF 55TH STREET / LAGRANGE ROAD WHEN STAGING IS IN PLACE AT THE INTERSECTION. DETOUR PROVIDED HEREIN SHALL REROUTE TRAFFIC TO AVOID THESE TRUCK TURNING MOVEMENTS. THRU TRUCK TRAFFIC AT THE INTERSECTION IS ALLOWED AT ALL TIMES.

TRUCK DETOUR GENERAL NOTES:

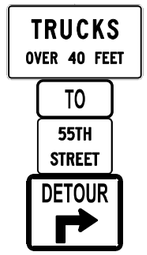
1. ALL SIGNING AND SIGN SPACING SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 DETAIL TC-21.
2. TEMPORARY TRAFFIC CONTROL SIGNS MUST BE INSTALLED AT THE DIRECTION AND UNDER THE SUPERVISION OF THE ENGINEER. 2 WEEK NOTICE SHALL BE GIVEN TO THE ENGINEER, IDOT, COOK COUNTY, THE CITY OF COUNTRYSIDE, THE VILLAGE OF HODGKINS, THE VILLAGE OF MCCOOK, LOCAL SCHOOL DISTRICTS, LOCAL EMERGENCY SERVICES, PACE, AND ANY OTHER INTERESTED PARTY PRIOR TO INSTALLATION.
3. DETOUR SIGNS SHALL BE COVERED OR REMOVED WHEN NO STAGED CONSTRUCTION IS IN PLACE AT THE INTERSECTION OF 55TH STREET / LAGRANGE ROAD.
4. PRIOR TO INSTALLING POST MOUNTED SIGNS, THE CONTRACTOR SHALL CONTACT J.U.L.I.E.
5. DETOUR SIGNAGE SHALL BE CONSIDERED INCLUDED IN THE COST FOR TEMRPOARY TRAFFIC CONTROL AND PROTECTION (SPECIAL) EXCEPT AS OTHERWISE NOTED.
6. THE CONTRACTOR SHALL NOT OBSTRUCT ANY EXISTING SIGN WITH THE PLACEMENT OF DETOUR SIGNAGE.
7. THE CONTRACTOR SHALL DEVELOP AND MAINTAIN APPROPRIATE TRAFFIC SIGNAL TIMINGS FOR THE FOLLOWING INTERSECTIONS AS DIRECTED BY THE ENGINEER.

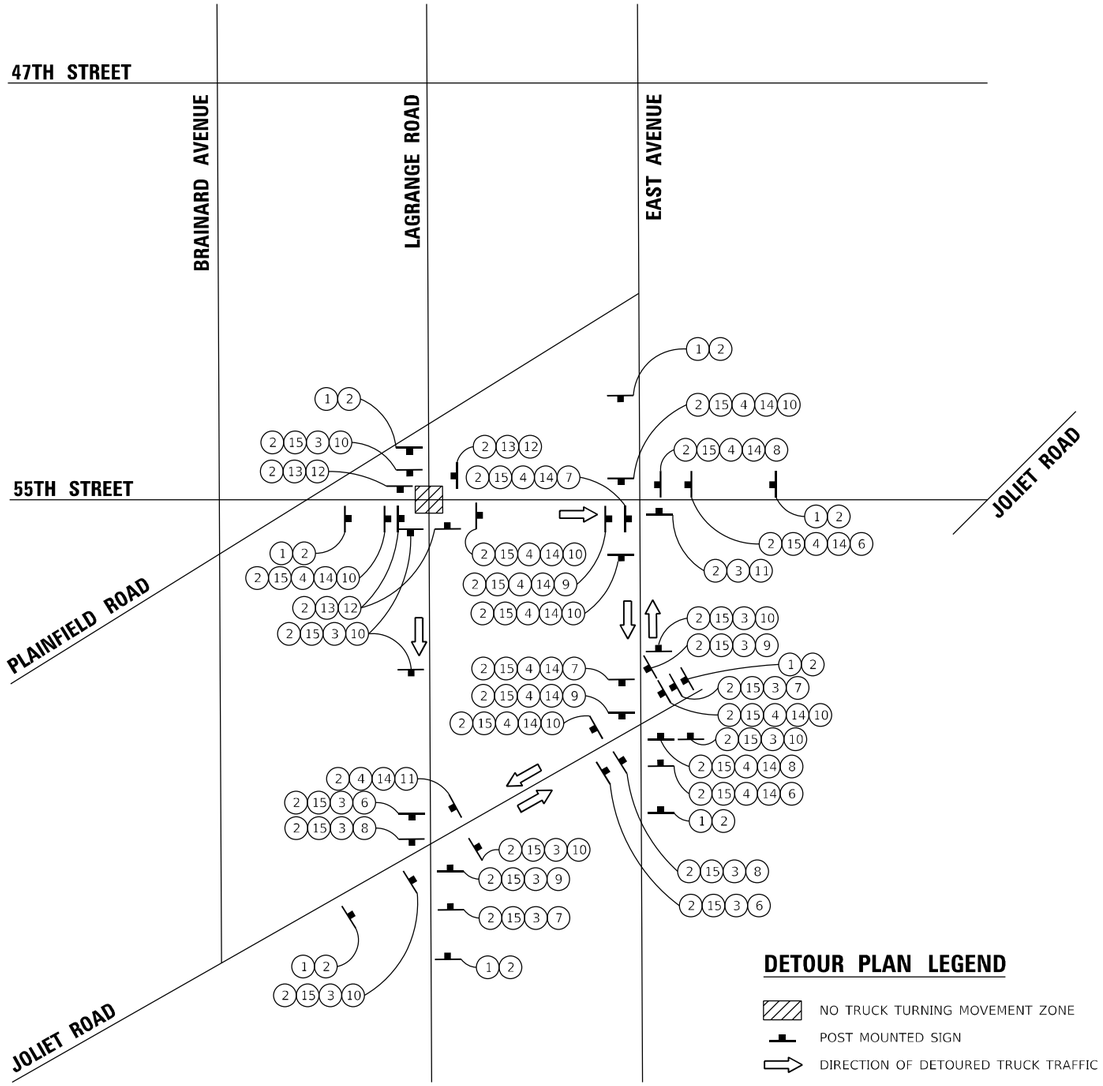
   1) LAGRANGE RD / JOLIET RD
   2) JOLIET RD / EAST AVE
   3) 55TH ST / EAST AVE

DETOUR SIGN LEGEND

1	DETOUR AHEAD	W20-2 48" X 48"	11	END DETOUR	M8-4A 24" X 18"
2	TRUCKS OVER 40 FEET	SPECIAL 48" X 24"	12	R3-1	24" X 24"
3	55TH STREET	SPECIAL 24" X 18"	13	R3-2	24" X 24"
4	LAGRANGE ROAD	SPECIAL 24" X 18"	14	US 12/20/45	6" BLACK LETTERS 48" X 12"
6	DETOUR	D4-9 30" X 24"	15	TO	24" X 12"
7	DETOUR	D4-9 30" X 24"			
8	DETOUR	D4-9L 30" X 24"			
9	DETOUR	D4-9R 30" X 24"			
10	DETOUR	D4-9 30" X 24"			

TYPICAL SIGN ASSEMBLY





MODEL: Default
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BURNS McDONNELL	USER NAME = rjiang	DESIGNED - HTS	REVISED -	
		DRAWN - HTS	REVISED -	
	PLOT SCALE = 2.0000 ' / in.	CHECKED - RGJ	REVISED -	
	PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
TRUCK DETOUR PLAN

SCALE: N.T.S. | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	81
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

GENERAL NOTES

1. EROSION CONTROL AND SEDIMENT CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE SWPPP FOR THE PROJECT AND THE FOLLOWING COMMENTS. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION AND IDOTs BEST MANAGEMENT PRACTICES - MAINTENANCE GUIDE.

2. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL-STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR INCLUDING WINTER SHUT-DOWN, SITE CONDITIONS, AND THE USE OF TEMPORARY OR PERMANENT MEASURES.

3. SOIL-EROSION AND SEDIMENT-CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF LAND OR EARTH DISTURBANCE OF UPLAND AREAS.

4. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES AS SOON AS PRACTICAL IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 1 DAY AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE.

5. TEMPORARY OR PERMANENT STABILIZATION SHALL BE INITIATED IMMEDIATELY UPON COMPLETION OF DISTURBANCE OR IF THE WORK AREA IS TO BE LEFT UNDISTURBED FOR 14 DAYS OR MORE.

6. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.

7. ALL STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY AN APPROPRIATE SEDIMENT-CONTROL MEASURE.

8. ALL TEMPORARY EROSION AND SEDIMENT-CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.

9. ALL TEMPORARY AND PERMANENT EROSION-CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED WITHIN 24 HOURS OF DISCOVERY BY THE CONTRACTOR. MAINTENANCE NOT PERFORMED IN A TIMELY FASHION MAY RESULT IN AN INCIDENCE OF NON-COMPLIANCE WITH A DEFICIENCY DEDUCTION AND/OR PENALTY AS DECRIBED IN SECTION V OF THE SWPPP.

10. A STABILIZED MAT OF AGGREGATE UNDERLAIN WITH FILTER CLOTH (OR OTHER APPROPRIATE MEASURE) SHALL BE LOCATED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE TO OR FROM A PUBLIC RIGHT-OF-WAY, STREET, OR PARKING AREA. ANY SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY OR STREET SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT-DISPOSAL AREA.

11. IF DE-WATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT-CONTROL MEASURE (e.g., SEDIMENT TRAP, SEDIMENT BASIN, FILTER BAG OR OTHER APPROVED MEASURE).

12. THE EROSION-CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER OR GOVERNING AGENCY.

13. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF SEDIMENT CONTROL, DRAINAGE STRUCTURE INLET FILTER CLEANING.

14. STREET CLEANING AND SWEEPING SHALL BE PERFORMED ON EACH WORKDAY, AS REQUIRED AND DIRECTED AND APPROVED BY THE ENGINEER. COST FOR THIS WORK WILL BE INCLUDED IN THE CONTRACT.

15. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION FOUND ON THE CONSTRUCTION TAB AT: (HTTPS://IDOT.ILLINOIS.GOV/CONTENT/DAM/SOI/EN/WEB/IDOT/DOCUMENTS/TRANSPORTATION-SYSTEM/MANUALS-GUIDES-AND-HANDBOOKS/HIGHWAYS/ENVIRONMENT/EROSION-AND-SEDIMENT-CONTROL-FIELD-GUIDE-FOR-CONSTRUCTION-INSPECTION.PDF).

16. THE CONTRACTOR SHALL CHECK ALL EROSION AND SEDIMENT CONTROL MEASURES WEEKLY AND AFTER EACH RAINFALL, 0.5 INCHES OR GREATER IN A 24 HOUR PERIOD, OR EQUIVALENT SNOWFALL. DURING WINTER MONTHS, ALL MEASURES SHOULD BE CHECKED BY THE CONTRACTOR AFTER EACH SIGNIFICANT SNOWMELT.

17. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A PLAN TO ENSURE THAT A STABILIZED FLOW LINE WILL BE PROVIDED DURING STORM SEWER CONSTRUCTION. THE USE OF A STABILIZED FLOW LINE BETWEEN INSTALLED STORM SEWER AND OPEN DISTURBANCE WILL REDUCE THE POTENTIAL FOR THE OFFSITE DISCHARGE OF SEDIMENT-BEARING WATERS, ESPECIALLY WHEN RAIN IS FORECASTED, SO THAT FLOW WILL NOT ERODE. LACK OF APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN EROSION AND SEDIMENT CONTROL DEFICIENCY DEDUCTION.

18. EROSION CONTROL ITEMS ARE CONSIDERED TO BE A HIGH PRIORITY ON THIS CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE ENGINEER.

19. STRAW BALES SHALL NOT BE USED FOR INLET AND PIPE PROTECTION.

20. WHEN PERIMETER EROSION BARRIER IS TO BE INSTALLED ON PAVEMENT, ROLLED EXCELSIOR LOGS SHALL BE USED AND SECURED USING A METHOD APPROVED BY THE ENGINEER.

MODEL: Default
FILE NAME: I:\2116-dth-eros-gennote.dgn

BURNS McDONNELL

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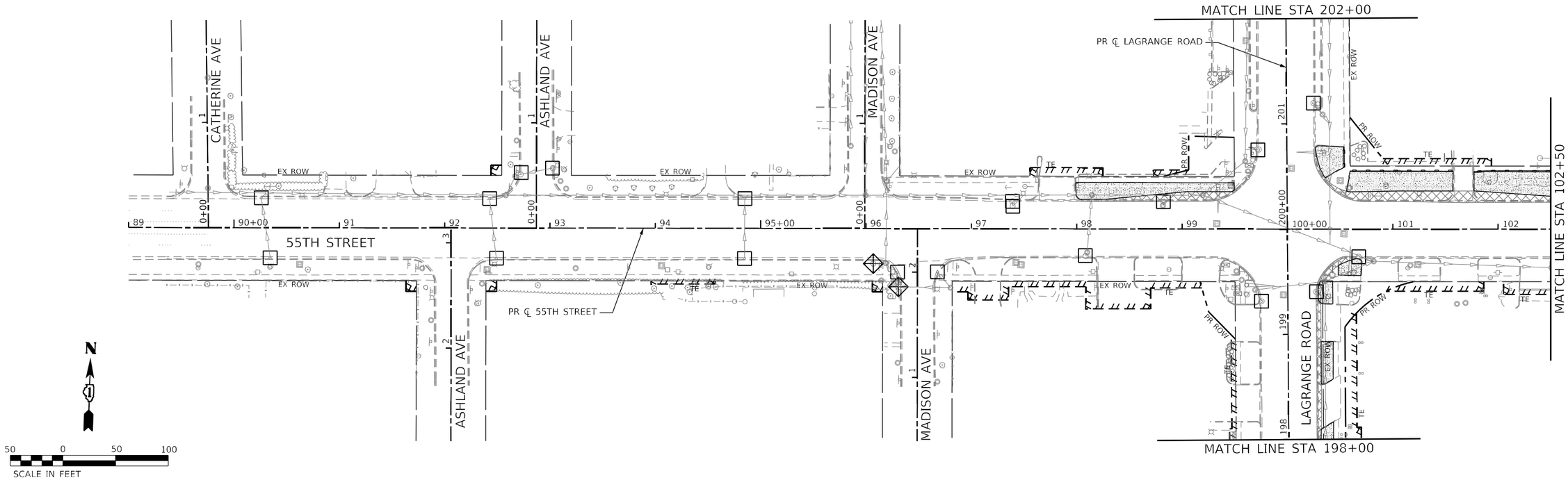
	DRAWN - WLM	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - RGJ	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN – GENERAL NOTES

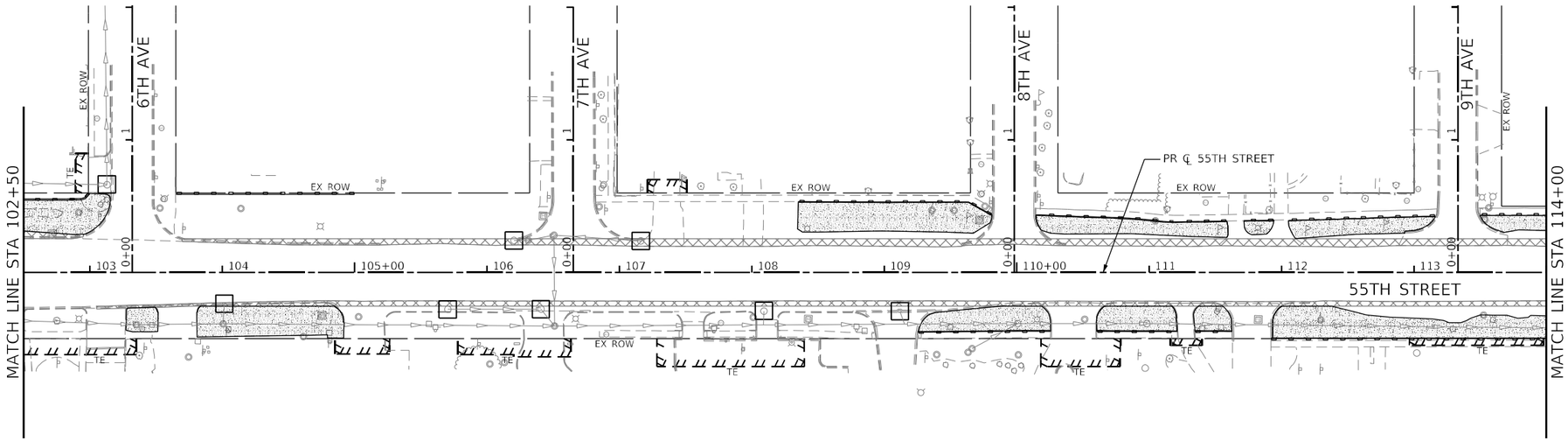
SCALE: | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	82
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		



LEGEND

- TEMPORARY EROSION CONTROL SEEDING
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- INLET FILTER
- TEMPORARY DITCH CHECK
- CONSTRUCTION AREA



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BURNS McDONNELL

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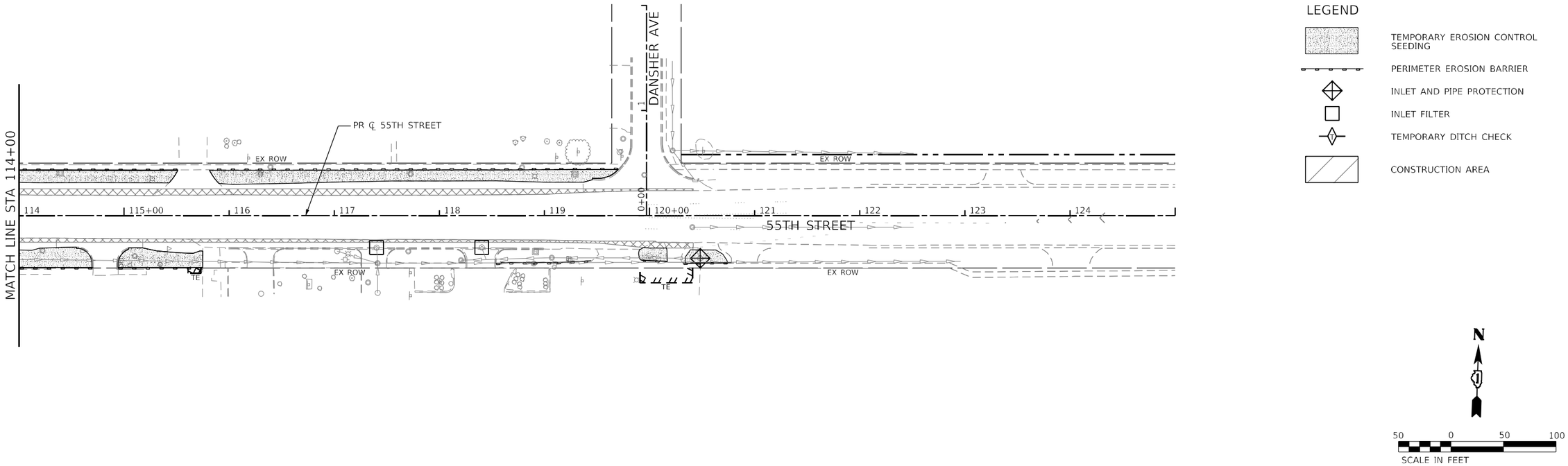
PLOT SCALE = 100.0000 ' / in.	CHECKED - RGJ	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET
EROSION CONTROL PLAN – STAGE 1

SCALE: 1" = 50' | SHEET 1 OF 3 SHEETS | STA. 89+90.76 TO STA. 114+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	83
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		



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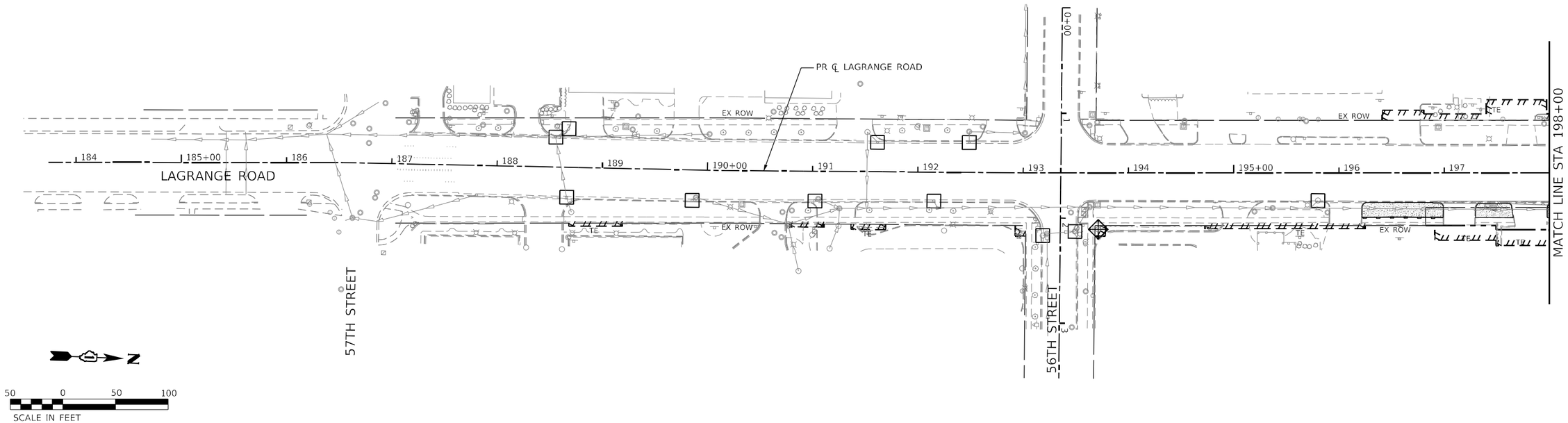
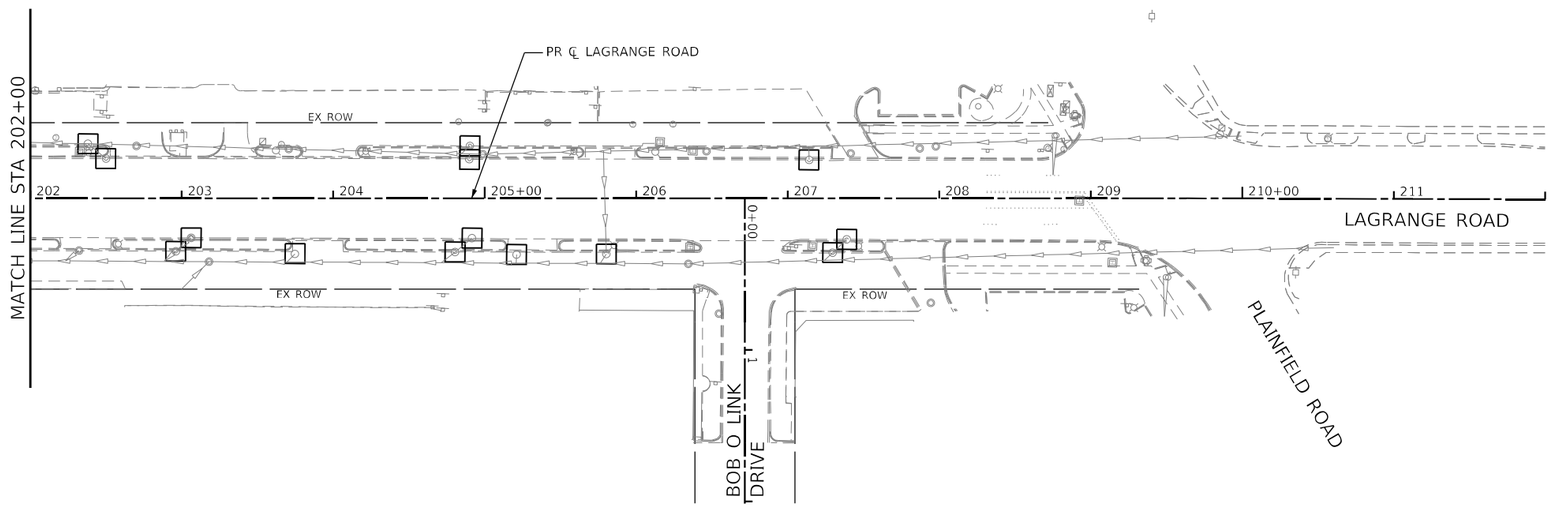
BURNS McDONNELL	USER NAME = rjiang	DESIGNED - WLM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	55TH STREET EROSION CONTROL PLAN – STAGE 1
		DRAWN - WLM	REVISED -		
	PLOT SCALE = 100.0000 ' / in.	CHECKED - RGJ	REVISED -		
	PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -		SCALE: 1" = 50' SHEET 2 OF 3 SHEETS STA. 114+00 TO STA. 120+41.46

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	84
		CONTRACT NO. 60R50		
		ILLINOIS FED. AID PROJECT		



LEGEND

- TEMPORARY EROSION CONTROL SEEDING
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- INLET FILTER
- TEMPORARY DITCH CHECK
- CONSTRUCTION AREA



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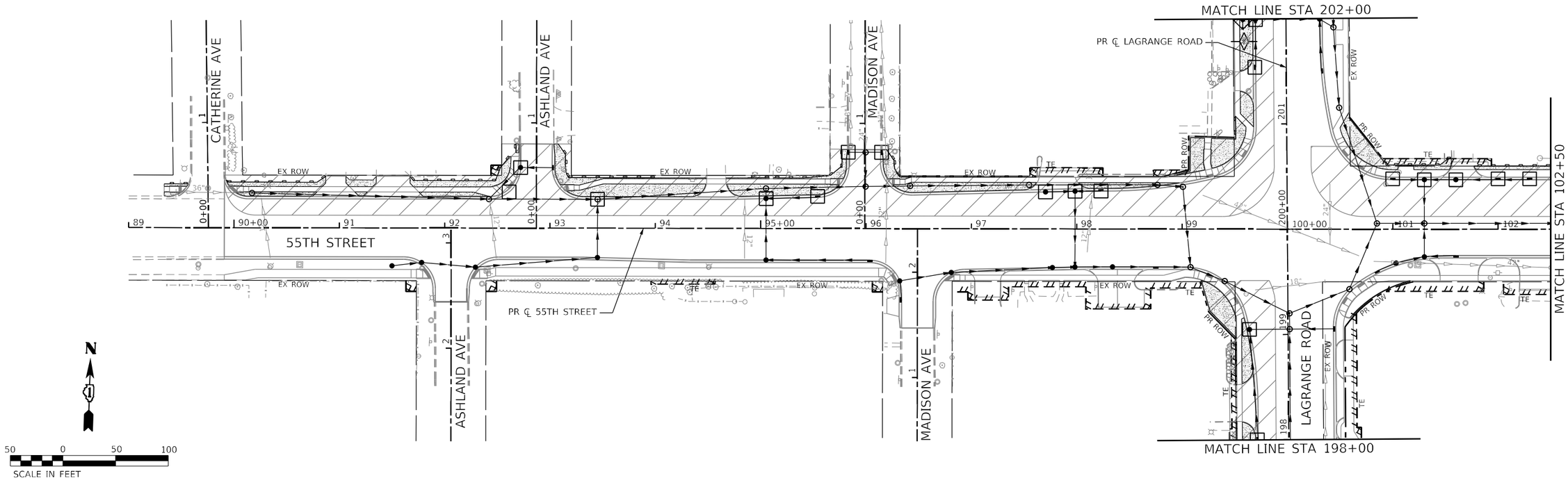
	PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 12/20/45 (LAGRANGE ROAD)
EROSION CONTROL PLAN – STAGE 1

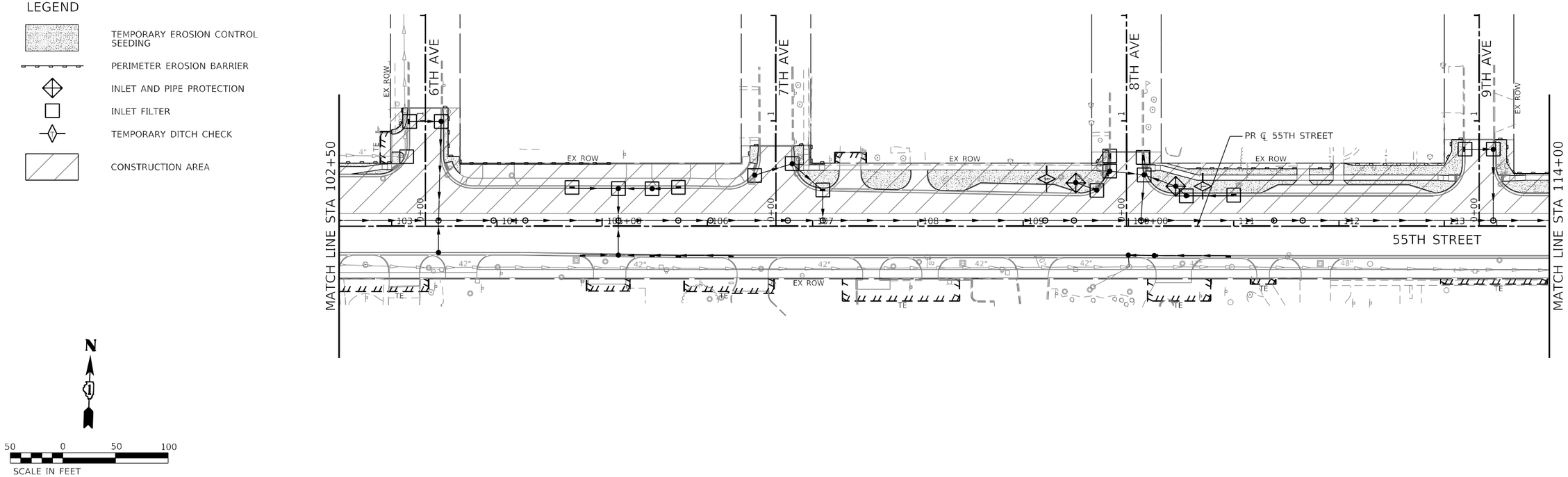
SCALE: 1" = 50' | SHEET 3 OF 3 SHEETS | STA. 188+00 TO STA. 209+06.84

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	85
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	



LEGEND

- TEMPORARY EROSION CONTROL SEEDING
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- INLET FILTER
- TEMPORARY DITCH CHECK
- CONSTRUCTION AREA



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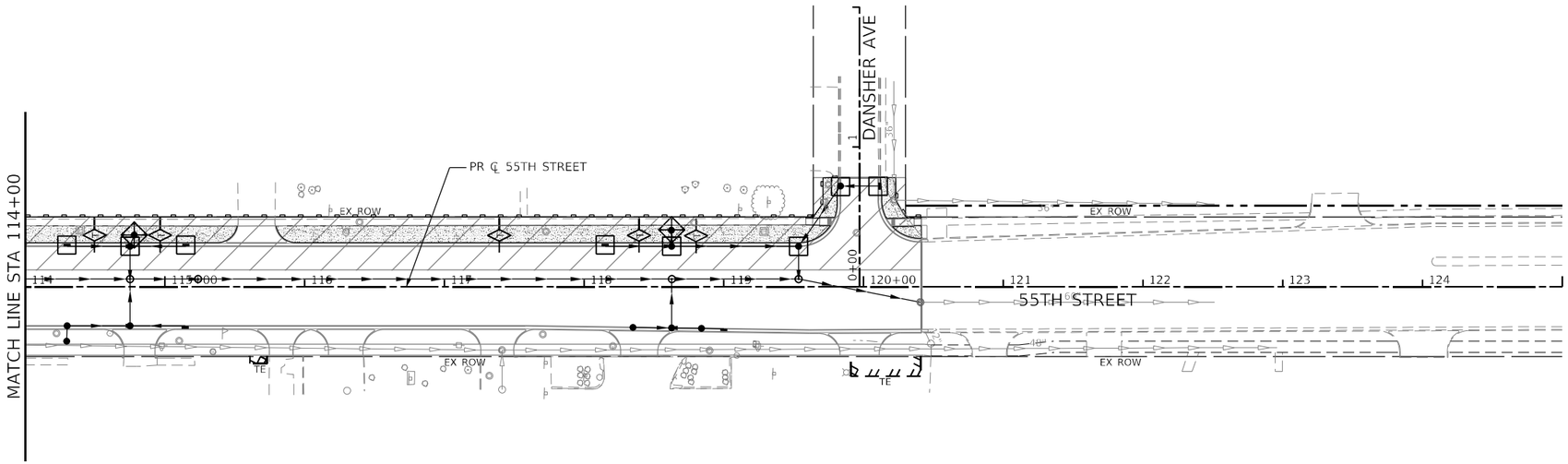
BURNS McDONNELL	USER NAME = rjiang	DESIGNED - WLM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	55TH STREET EROSION CONTROL PLAN – STAGE 2A
		DRAWN - WLM	REVISED -		
	PLOT SCALE = 100.0000 ' / in.	CHECKED - RGJ	REVISED -		
	PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -		SCALE: 1" = 50' SHEET 1 OF 3 SHEETS STA. 89+90.76 TO STA. 114+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	86
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	



LEGEND

- TEMPORARY EROSION CONTROL SEEDING
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- INLET FILTER
- TEMPORARY DITCH CHECK
- CONSTRUCTION AREA

N

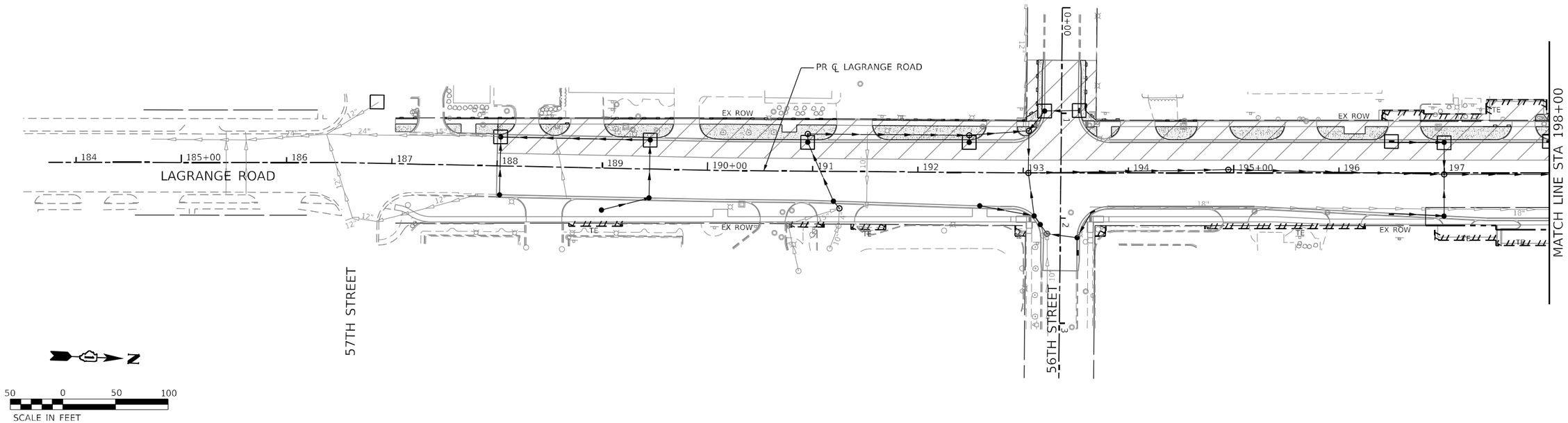
50 0 50 100

SCALE IN FEET

MODEL: Default
FILE NAME: 121166-sht-eros-stg2A-02.dgn

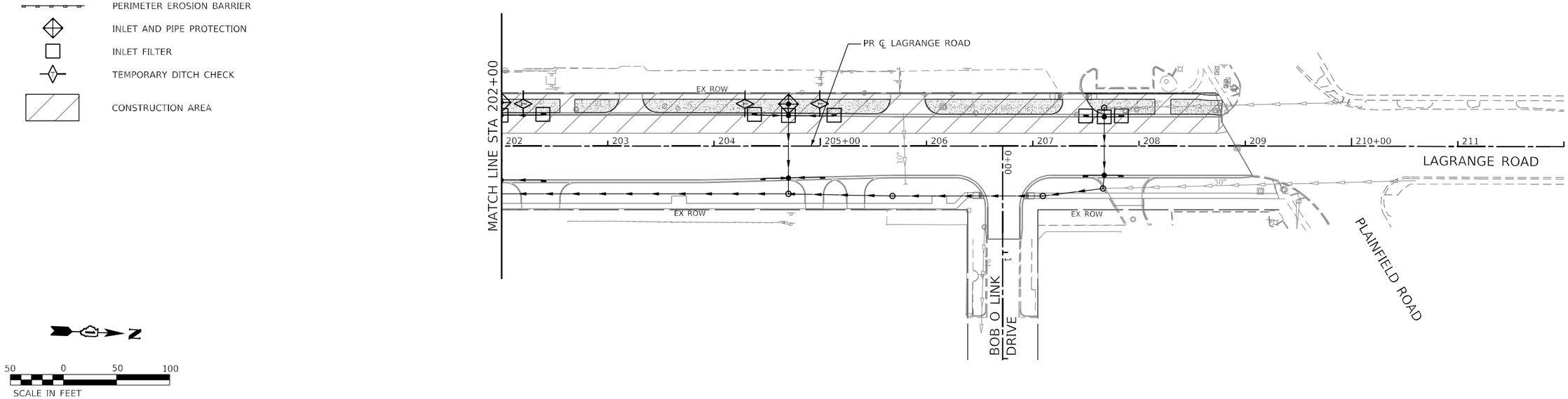
BURNS McDONNELL	USER NAME = rjiang	DESIGNED - WLM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	55TH STREET EROSION CONTROL PLAN – STAGE 2A
		DRAWN - WLM	REVISED -		
	PLOT SCALE = 100.0000 ' / in.	CHECKED - RGJ	REVISED -		
	PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -		SCALE: 1" = 50' SHEET 2 OF 3 SHEETS STA. 114+00 TO STA. 120+41.46

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	87
		CONTRACT NO. 60R50		
		ILLINOIS FED. AID PROJECT		



LEGEND

- TEMPORARY EROSION CONTROL SEEDING
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- INLET FILTER
- TEMPORARY DITCH CHECK
- CONSTRUCTION AREA



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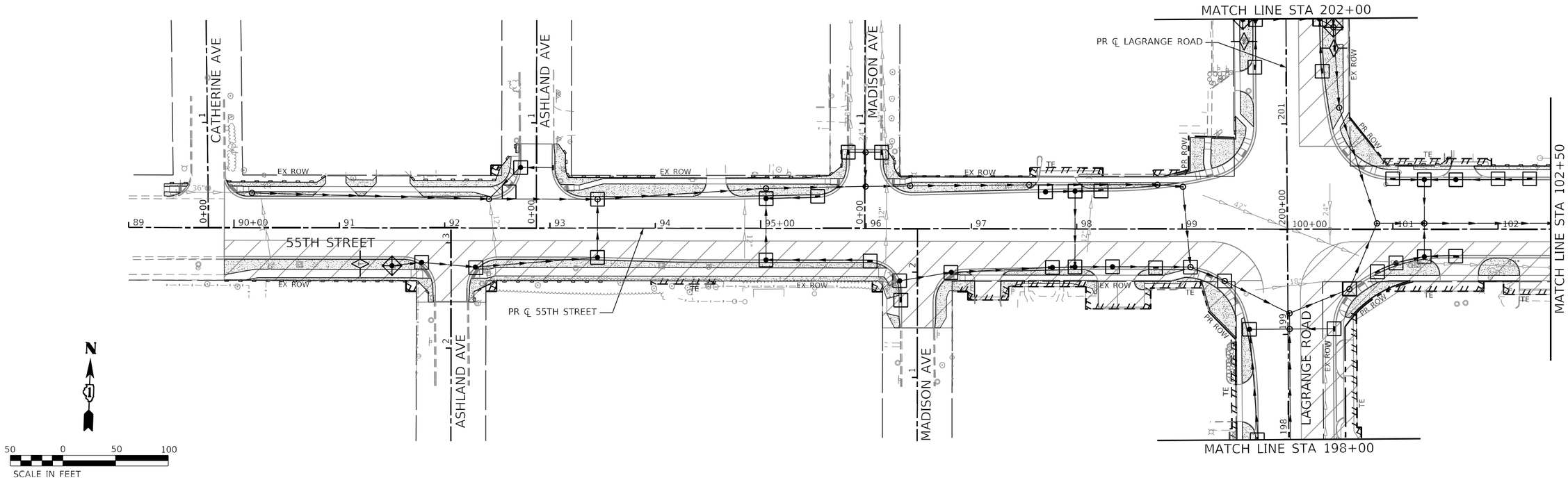
	PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 12/20/45 (LAGRANGE ROAD)
EROSION CONTROL PLAN – STAGE 2A

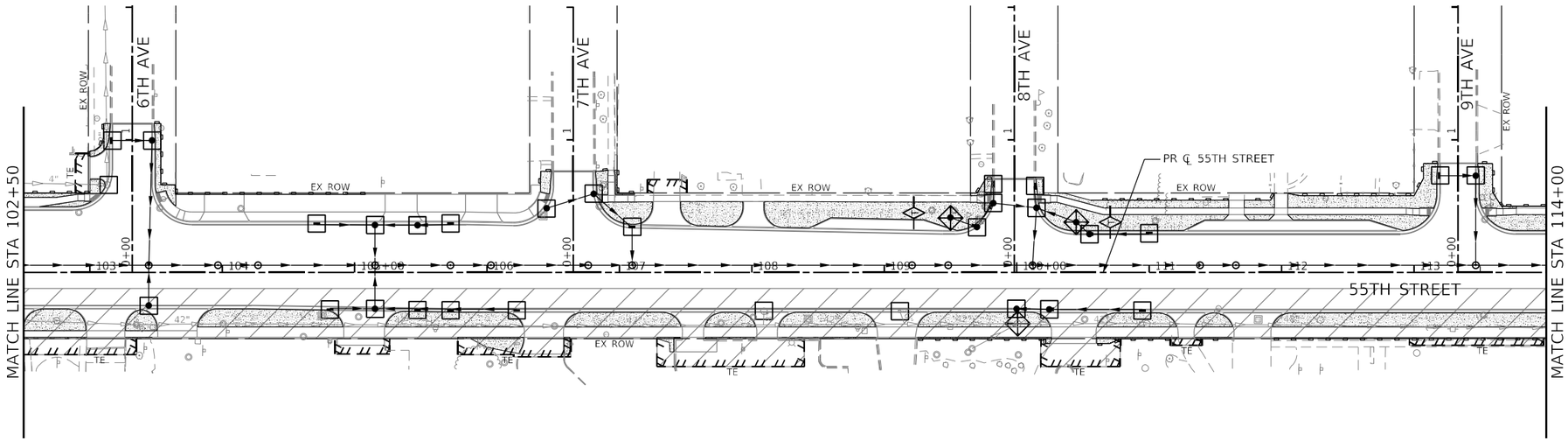
SCALE: 1" = 50' | SHEET 3 OF 3 SHEETS | STA. 188+00 TO STA. 209+06.84

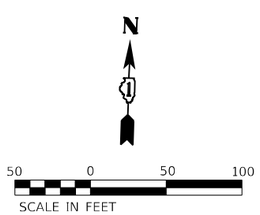
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	88
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	



LEGEND

- TEMPORARY EROSION CONTROL SEEDING
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- INLET FILTER
- TEMPORARY DITCH CHECK
- CONSTRUCTION AREA





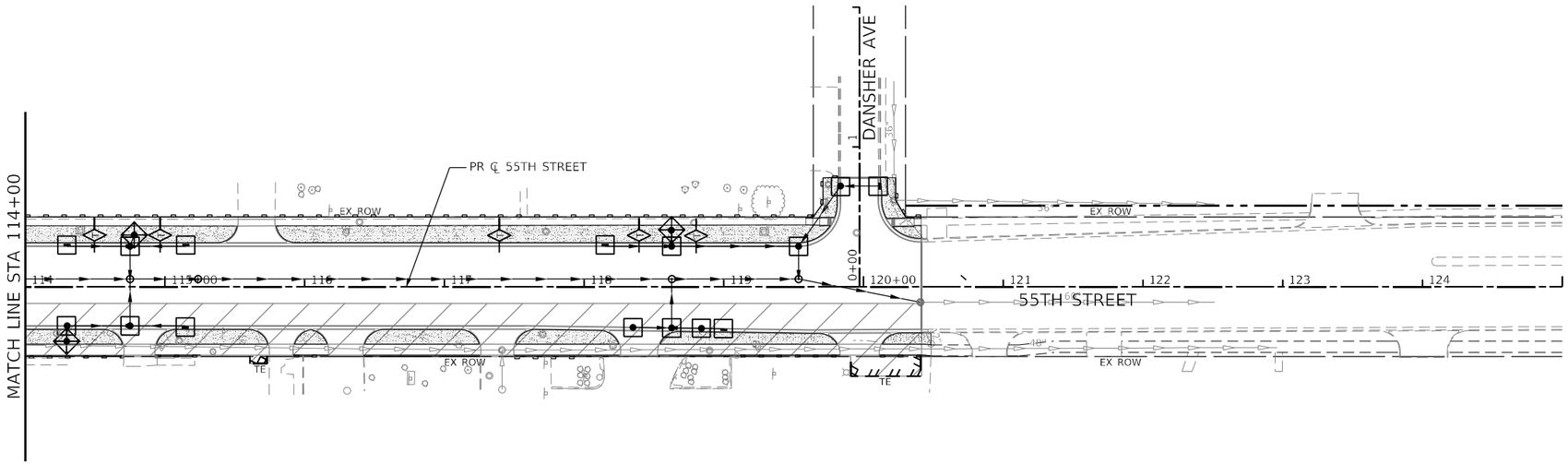
NOTE:

1. EROSION CONTROL MEASURES INSTALLED IN STAGE 2A TO REMAIN DURING STAGE 2B.

MODEL: Default
FILE NAME: 121166-sht-eros-stg2B-01.dgn

BURNS McDONNELL	USER NAME = rjiang	DESIGNED - WLM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	55TH STREET EROSION CONTROL PLAN – STAGE 2B
		DRAWN - WLM	REVISED -		
	PLOT SCALE = 100.0000 ' / in.	CHECKED - RGJ	REVISED -		
	PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -		SCALE: 1" = 50' SHEET 1 OF 3 SHEETS STA. 89+90.76 TO STA. 114+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	89
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	



LEGEND

- TEMPORARY EROSION CONTROL SEEDING
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- INLET FILTER
- TEMPORARY DITCH CHECK
- CONSTRUCTION AREA

N

50 0 50 100
SCALE IN FEET

NOTE:

1. EROSION CONTROL MEASURES INSTALLED IN STAGE 2A TO REMAIN DURING STAGE 2B.

MODEL: Default
FILE NAME: I:\1166-dth-eros-stg2B-02.dgn

BURNS McDONNELL

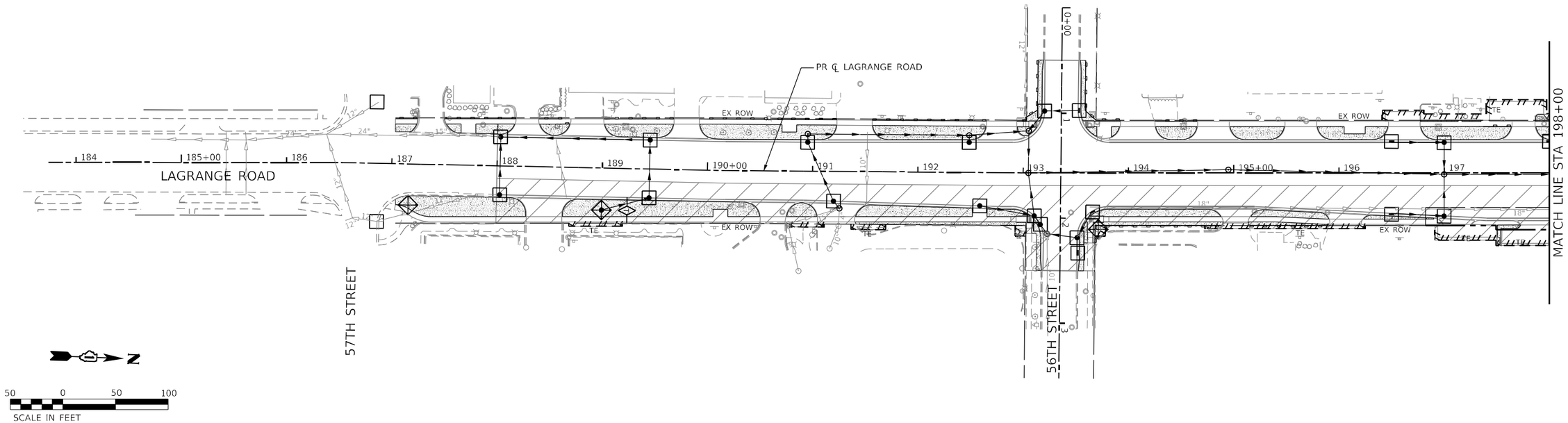
USER NAME = rjiang	DESIGNED - WLM	REVISED -
	DRAWN - WLM	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - RGJ	REVISED -
PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET
EROSION CONTROL PLAN – STAGE 2B

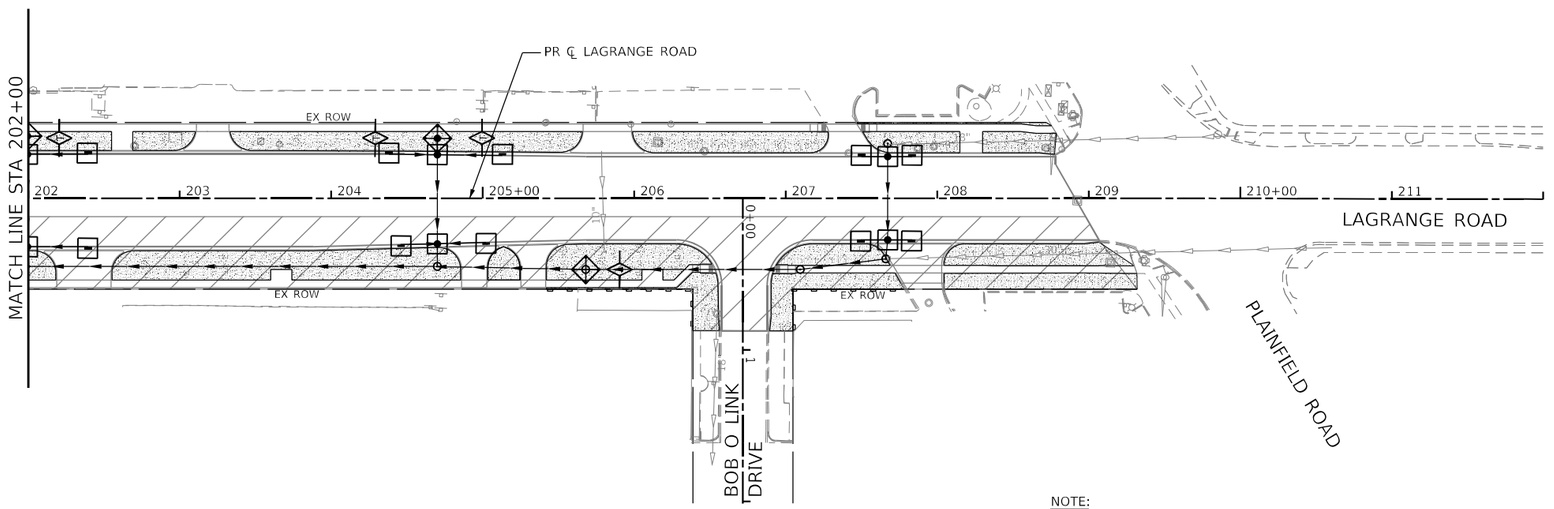
SCALE: 1" = 50' | SHEET 2 OF 3 SHEETS | STA. 114+00 TO STA. 120+41.46

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	90
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		



LEGEND

- TEMPORARY EROSION CONTROL SEEDING
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- INLET FILTER
- TEMPORARY DITCH CHECK
- CONSTRUCTION AREA



NOTE:

1. EROSION CONTROL MEASURES INSTALLED IN STAGE 2A TO REMAIN DURING STAGE 2B.

MODEL: Default
FILE NAME: 121166-sht-eros-stg2B-03.dgn

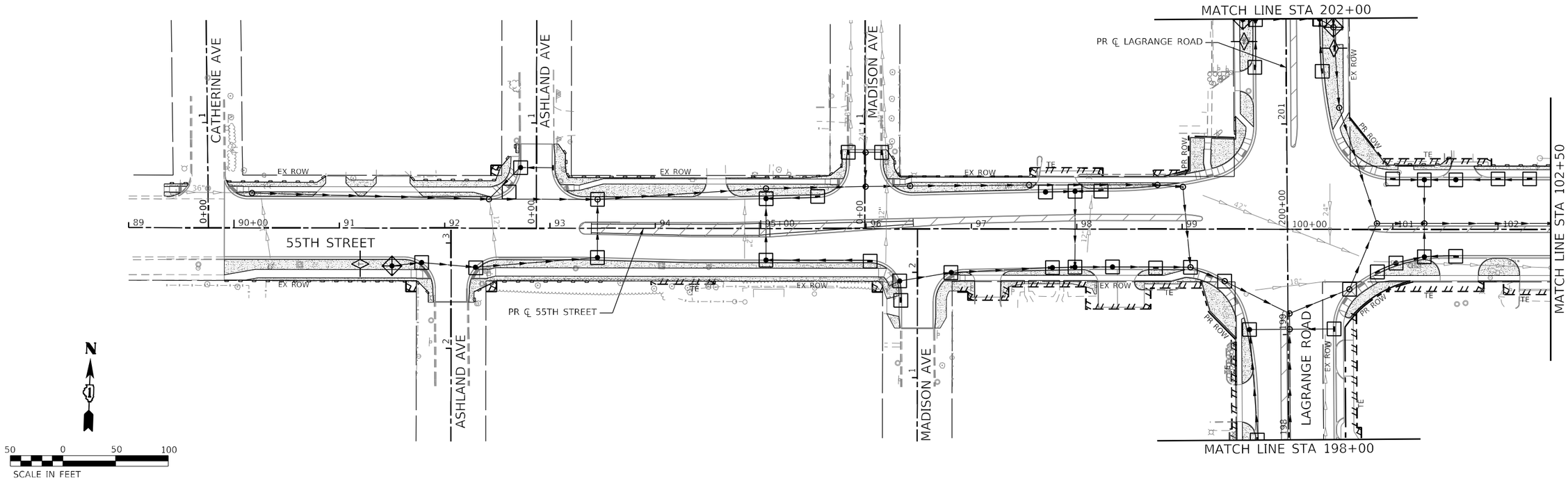
BURNS McDONNELL	USER NAME = rjiang	DESIGNED - WLM	REVISED -
		DRAWN - WLM	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED - RGJ	REVISED -
	PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 12/20/45 (LAGRANGE ROAD)
EROSION CONTROL PLAN – STAGE 2B

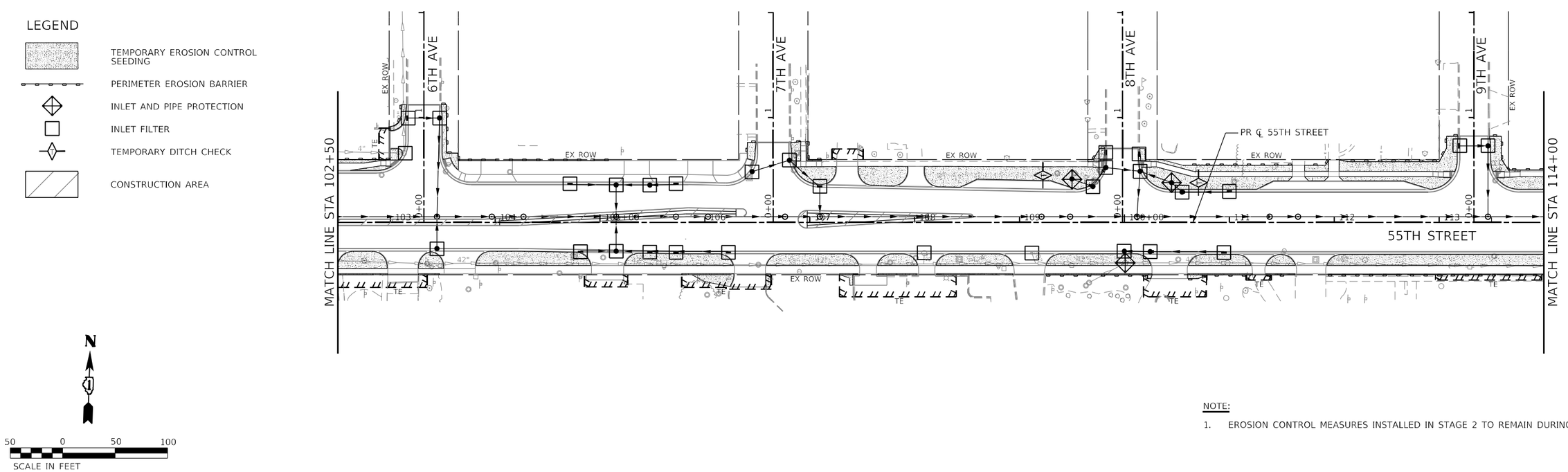
SCALE: 1" = 50' | SHEET 3 OF 3 SHEETS | STA. 188+00 TO STA. 209+06.84

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	91
		CONTRACT NO. 60R50		
		ILLINOIS FED. AID PROJECT		



LEGEND

- TEMPORARY EROSION CONTROL SEEDING
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- INLET FILTER
- TEMPORARY DITCH CHECK
- CONSTRUCTION AREA



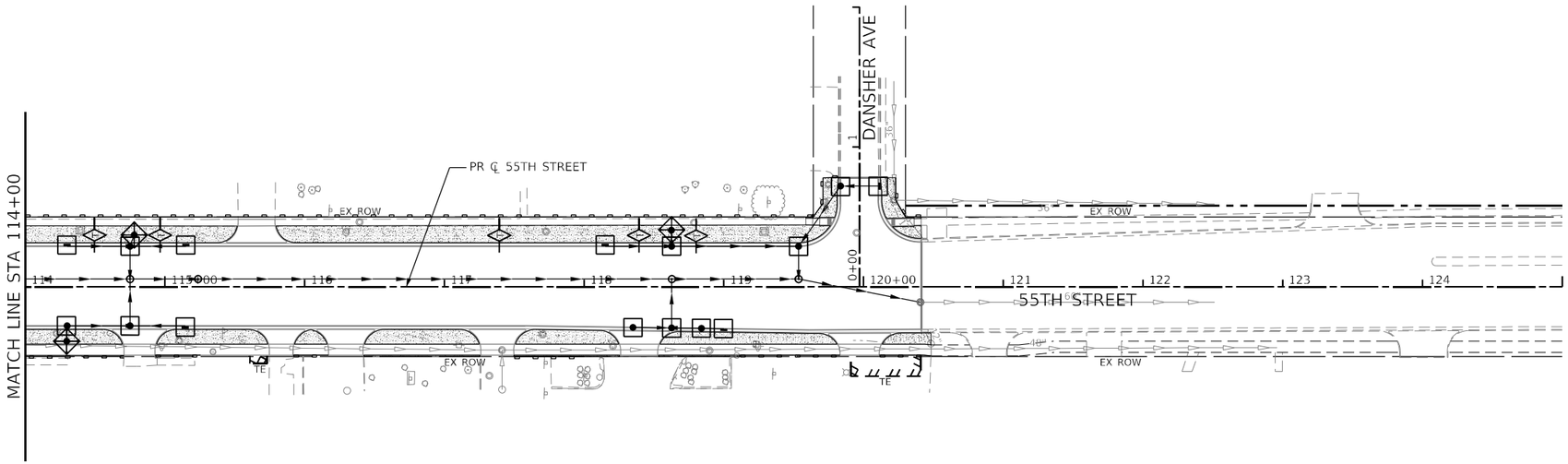
NOTE:

1. EROSION CONTROL MEASURES INSTALLED IN STAGE 2 TO REMAIN DURING STAGE 3.

MODEL: Default
FILE NAME: 121166-sht-eros-stg3-01.dgn

BURNS McDONNELL	USER NAME = rjiang	DESIGNED - WLM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	55TH STREET EROSION CONTROL PLAN – STAGE 3
		DRAWN - WLM	REVISED -		
	PLOT SCALE = 100.0000 ' / in.	CHECKED - RGJ	REVISED -		
	PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -		SCALE: 1" = 50' SHEET 1 OF 3 SHEETS STA. 89+90.76 TO STA. 114+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	92
		CONTRACT NO. 60R50		
		ILLINOIS FED. AID PROJECT		



LEGEND

- TEMPORARY EROSION CONTROL SEEDING
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- INLET FILTER
- TEMPORARY DITCH CHECK
- CONSTRUCTION AREA

N

50 0 50 100

SCALE IN FEET

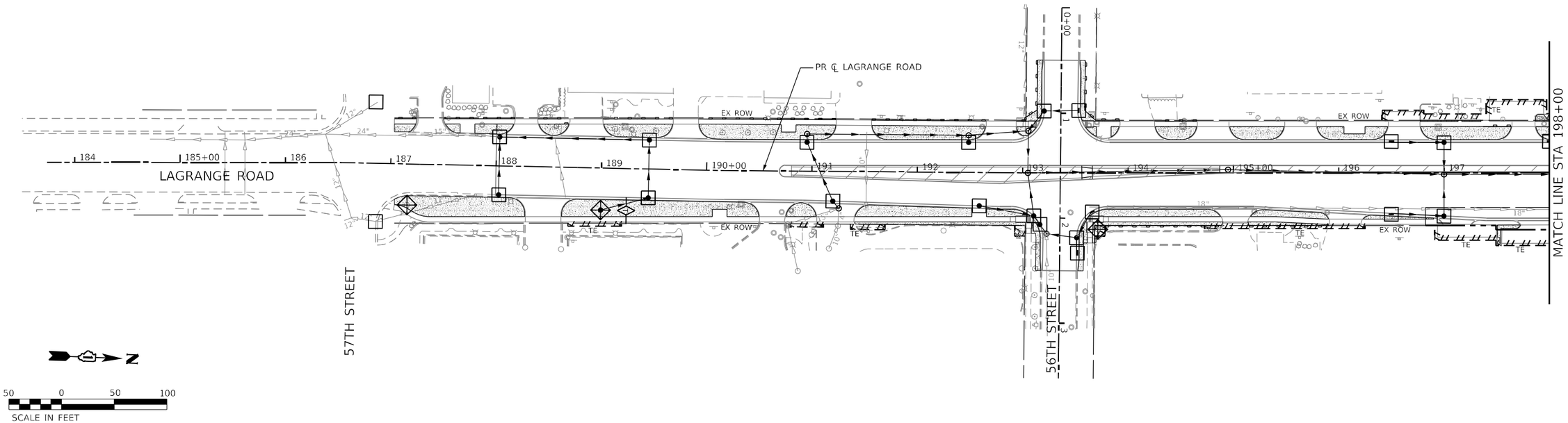
NOTE:

1. EROSION CONTROL MEASURES INSTALLED IN STAGE 2 TO REMAIN DURING STAGE 3.

MODEL: Default
FILE NAME: 121166-sht-eros-stg3-02.dgn

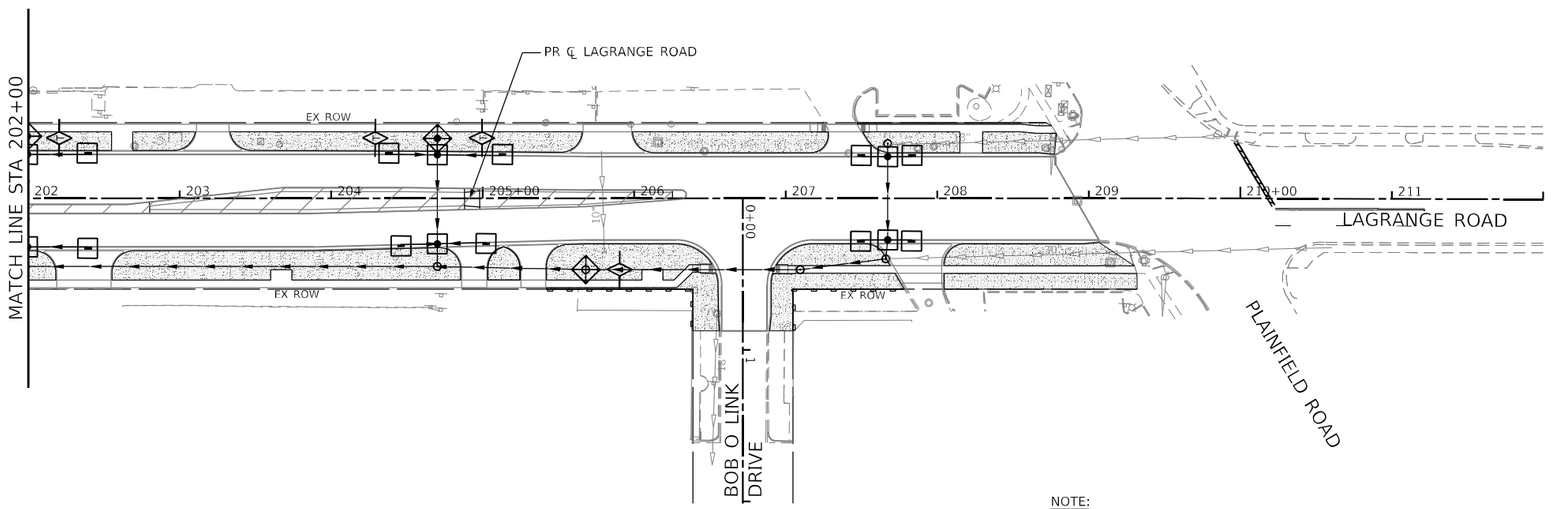
BURNS McDONNELL	USER NAME = rjiang	DESIGNED - WLM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	55TH STREET EROSION CONTROL PLAN – STAGE 3
		DRAWN - WLM	REVISED -		
	PLOT SCALE = 100.0000 ' / in.	CHECKED - RGJ	REVISED -		
	PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -		SCALE: 1" = 50' SHEET 2 OF 3 SHEETS STA. 114+00 TO STA. 120+41.46

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	93
		CONTRACT NO. 60R50		
		ILLINOIS FED. AID PROJECT		



LEGEND

- TEMPORARY EROSION CONTROL SEEDING
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- INLET FILTER
- TEMPORARY DITCH CHECK
- CONSTRUCTION AREA



NOTE:

1. EROSION CONTROL MEASURES INSTALLED IN STAGE 2 TO REMAIN DURING STAGE 3.

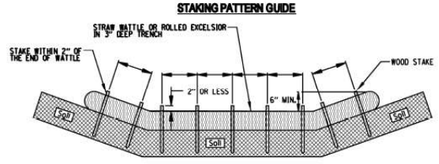
MODEL: Default
FILE NAME: 121166-sht-eros-stg3-03.dgn

BURNS McDONNELL	USER NAME = rjiang	DESIGNED - WLM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US ROUTE 12/20/45 (LAGRANGE ROAD) EROSION CONTROL PLAN – STAGE 3
		DRAWN - WLM	REVISED -		
	PLOT SCALE = 100.0000 ' / in.	CHECKED - RGJ	REVISED -		
	PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -		SCALE: 1" = 50' SHEET 3 OF 3 SHEETS STA. 188+00 TO STA. 209+06.84

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	94
		CONTRACT NO. 60R50		
		ILLINOIS FED. AID PROJECT		

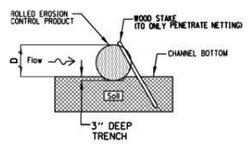
ROLLED EROSION CONTROL PRODUCTS

STAKING PATTERN GUIDE



NOTES:
1. OVERLAP MINIMUM IS THE DIAMETER OF THE ROLL.
2. 4' SPACING FOR WATTLES.
3. 2' SPACING FOR ROLLED EXCELSIOR.
4. OR SPACE ACCORDING TO MANUFACTURER'S SPECIFICATIONS.

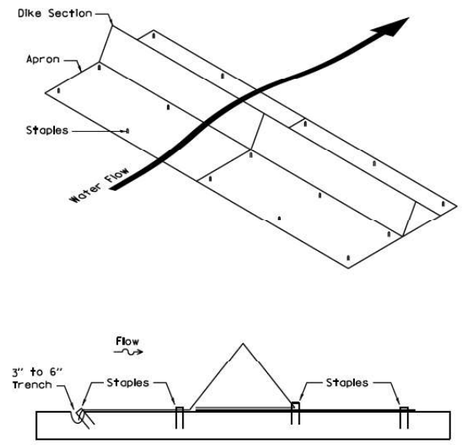
STAKE DETAIL



NOTES:
1. DRAWINGS ARE NOT TO SCALE.
2. ENDS OF WATTLES OR ROLLED EXCELSIOR SHALL BE TURNED AT LEAST 6" UPSLOPE.
3. RECOMMENDED STAKES ARE 1 1/8" WIDE x 1 1/8" THICK x 30" LONG.
4. STAKES SHALL NOT EXTEND ABOVE THE STRAW WATTLE MORE THAN 2".
5. SPACING THE TOE OF THE UPSTREAM DITCH CHECK SHALL CREATE A HORIZONTAL LINE WITH THE TOP OF THE DOWNSTREAM DITCH CHECK.

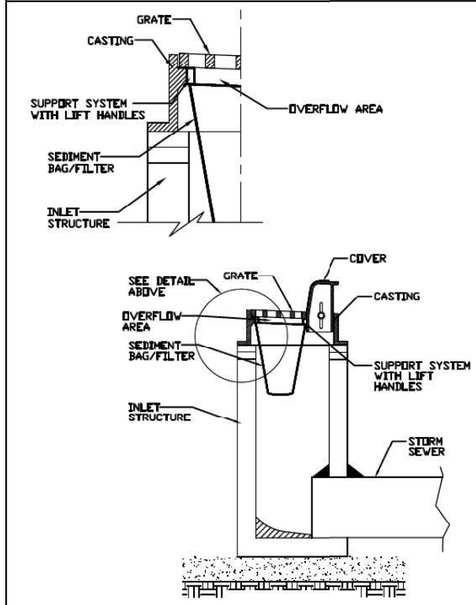
REFERENCE		STANDARD DWG. NO.
Project		IUM-514
Designed ____ Date ____		SHEET 1 OF 1
Checked ____ Date ____		DATE 08-2-2019
Approved ____ Date ____		

URETHANE FOAM GEOTEXTILES



REFERENCE		STANDARD DWG. NO.
Project		IUM-514
Designed ____ Date ____		SHEET 1 OF 1
Checked ____ Date ____		DATE 6-30-11
Approved ____ Date ____		

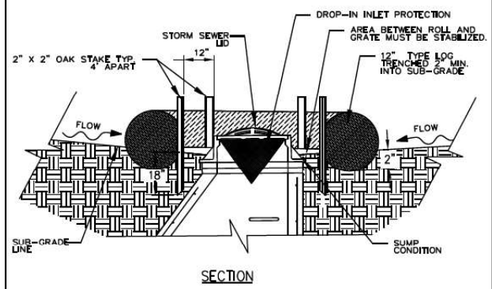
INLET PROTECTION - PAVED AREAS DROP-IN PROTECTION



REFERENCE		STANDARD DWG. NO.
Project		IUM-561D
Designed ____ Date ____		SHEET 1 OF 1
Checked ____ Date ____		DATE 01-12-11
Approved ____ Date ____		

INLET PROTECTION LOG TYPE

NOT TO SCALE

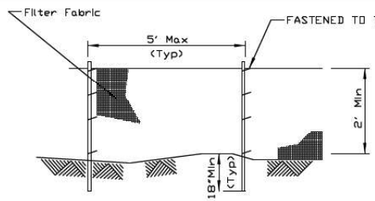


SECTION

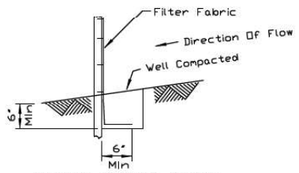
NOTES:
1. 2" x 2" nominal hardwood stakes, 4 foot minimum length, driven into ground approximately 18 inches, stakes driven a minimum width of 12 inches away from the drop inlet.
2. Area inside the log, from edge of fabric to structure, must be stabilized with erosion control blanket. Turf Reinforcement Mat, Geotextile 592 Table 2 Class 2 or CA-7 stone.
3. The maximum distance between the stakes should be 4 feet.
4. A maintenance schedule must maintain a sediment accumulation of less than 50% of the height of the log.

REFERENCE		STANDARD DWG. NO.
Project		IUM-562
Designed ____ Date ____		SHEET 1 OF 1
Checked ____ Date ____		DATE 11-30-2015
Approved ____ Date ____		

SILT FENCE PLAN



ELEVATION

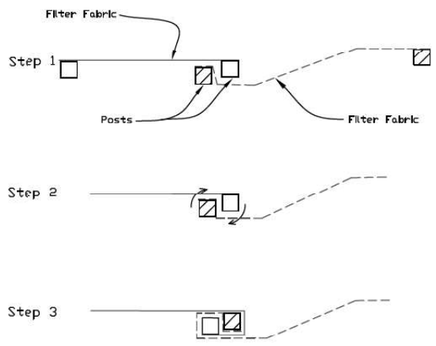


FABRIC ANCHOR DETAIL

NOTES:
1. Temporary sediment fence shall be installed prior to any grading work in the area to be protected. They shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization.
2. Filter fabric shall meet the requirements of material specification 592 Geotextile Table 1, Class 2.
3. Fence posts shall be either standard steel post or wood post 2" X 2" nominal.

REFERENCE		STANDARD DWG. NO.
Project		IUM-620A
Designed ____ Date ____		SHEET 1 OF 2
Checked ____ Date ____		DATE 04-15-2021
Approved ____ Date ____		

SILT FENCE - SPLICING TWO FENCES

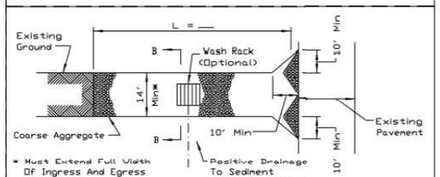


ATTACHING TWO SILT FENCES

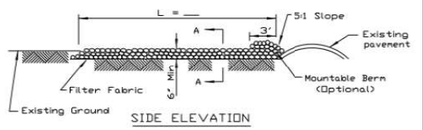
1. Place the end post of the second fence inside the end post of the first fence.
2. Rotate both posts at least 180 degrees in a clockwise direction to create a tight seal with the fabric material.
3. Cut the fabric near the bottom of the stakes to accommodate the 6" flap.
4. Drive both posts a minimum of 18 inches into the ground and bury the flap.
5. Compact backfill (particularly at splices) completely to prevent stormwater piping.

REFERENCE		STANDARD DWG. NO.
Project		IUM-620B(W)
Designed ____ Date ____		SHEET 1 OF 1
Checked ____ Date ____		DATE 3-16-2012
Approved ____ Date ____		

STABILIZED CONSTRUCTION ENTRANCE PLAN



PLAN VIEW

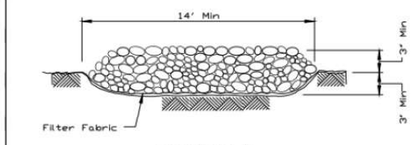


SIDE ELEVATION

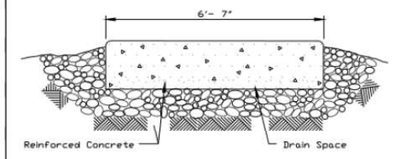
NOTES:
1. Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table I or 2, Class I, II or IV and shall be placed over the cleared area prior to the placing of rock.
2. Rock or reclaimed concrete shall meet one of the following IDOT coarse aggregate gradation, CA-1, CA-2, CA-3 or CA-4 and be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
3. Any drainage facilities required because of washing shall be constructed according to manufacturers specifications.
4. If wash racks are used they shall be installed according to the manufacturer's specifications.

REFERENCE		STANDARD DWG. NO.
Project	NRCS Natural Resources Conservation Service	IL-630
Designed ____ Date ____		SHEET 1 OF 2
Checked ____ Date ____		DATE 8-18-94
Approved ____ Date ____		

STABILIZED CONSTRUCTION ENTRANCE PLAN



SECTION A-A



SECTION B-B

REFERENCE		STANDARD DWG. NO.
Project	NRCS Natural Resources Conservation Service	IL-630
Designed ____ Date ____		SHEET 2 OF 2
Checked ____ Date ____		DATE 8-18-94
Approved ____ Date ____		

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BURNS McDONNELL

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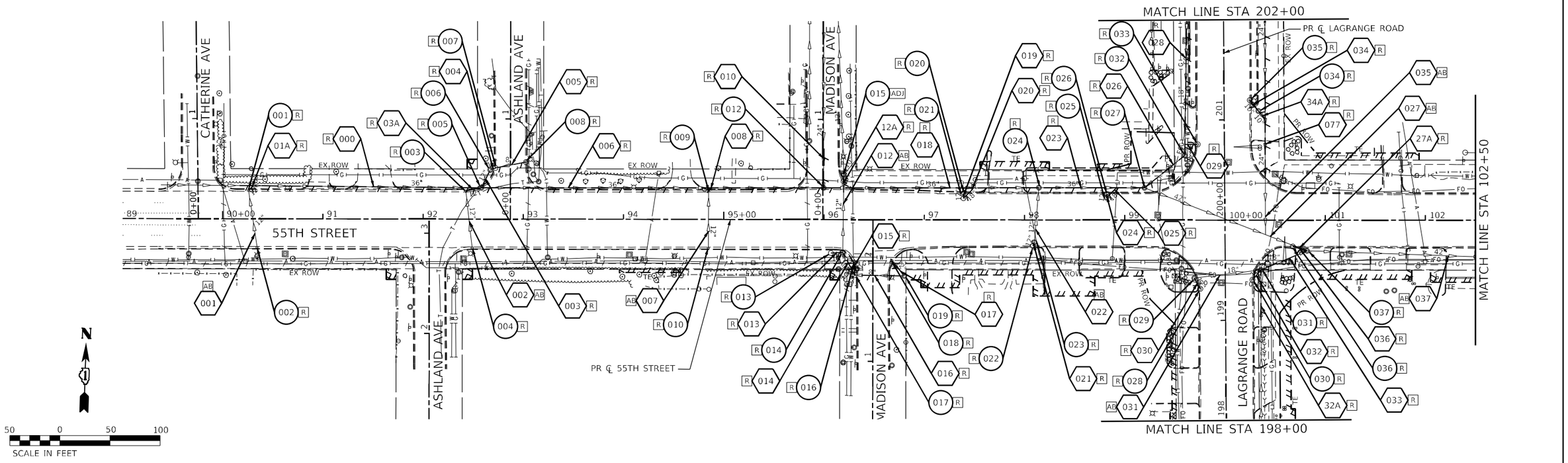
	DRAWN - HTS	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - RGJ	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN – DETAILS

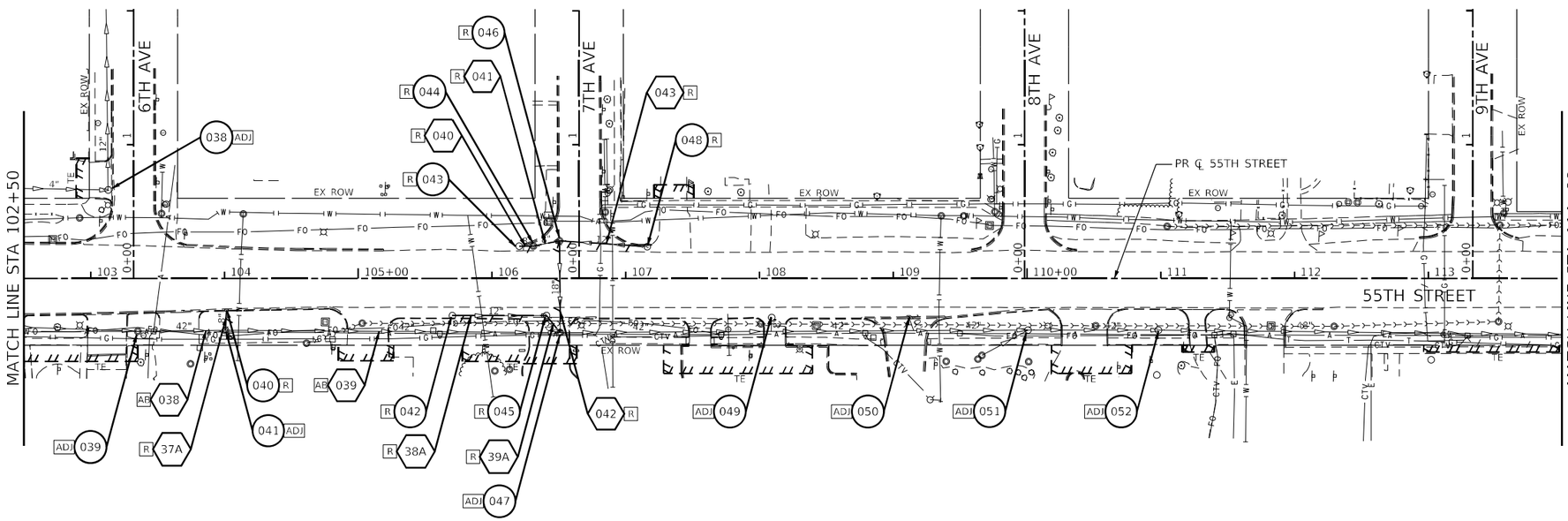
SCALE: | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	95
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		



EXISTING DRAINAGE LEGEND

- DRAINAGE STRUCTURE TO BE REMOVED — R
- DRAINAGE STRUCTURE TO BE ADJUSTED — ADJ
- DRAINAGE PIPE TO BE ABANDONED — AB
- DRAINAGE PIPE REMOVAL
- EXISTING DRAINAGE STRUCTURE — XXX
- EXISTING DRAINAGE PIPE — XXX
- EXISTING MANHOLE
- EXISTING CATCH BASIN
- EXISTING INLET
- EXISTING STORM SEWER



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BURNS McDONNELL

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	DRAWN - WLM	REVISED -
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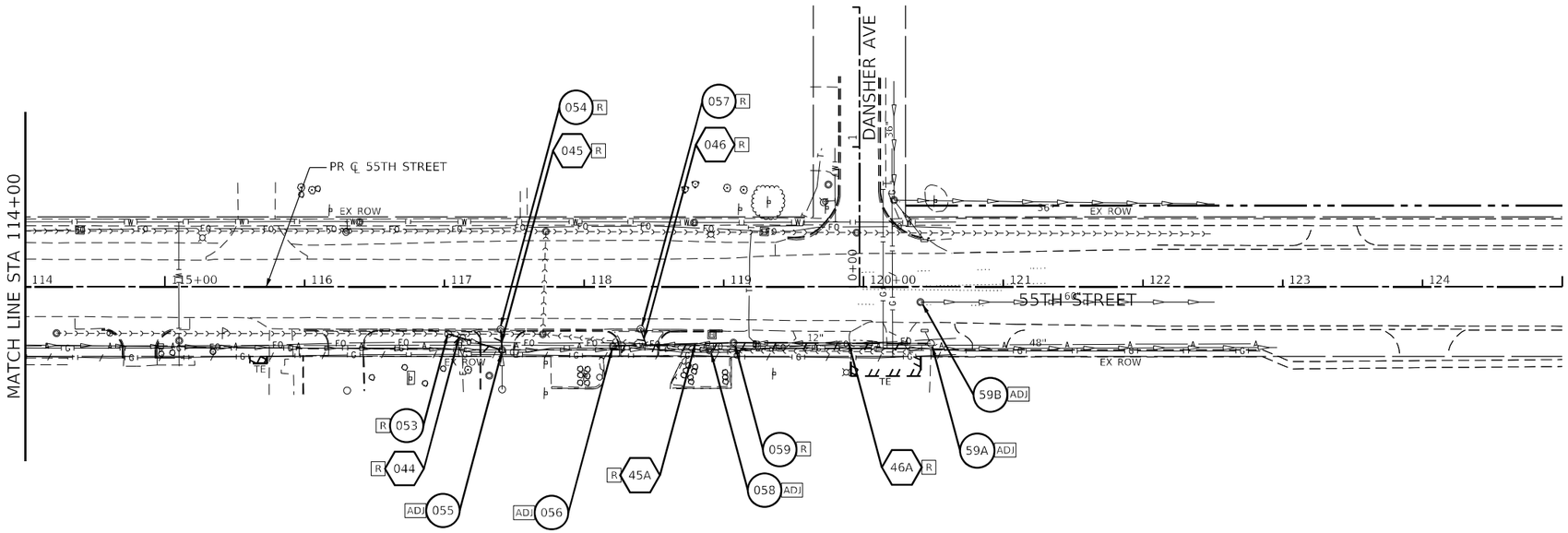
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET
EXISTING DRAINAGE PLAN

SCALE: 1" = 50' | SHEET 1 OF 3 SHEETS | STA. 89+90.76 TO STA. 114+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	96
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		



EXISTING DRAINAGE LEGEND

DRAINAGE STRUCTURE TO BE REMOVED	R
DRAINAGE STRUCTURE TO BE ADJUSTED	ADJ
DRAINAGE PIPE TO BE ABANDONED	AB
DRAINAGE PIPE REMOVAL	
EXISTING DRAINAGE STRUCTURE	XXX
EXISTING DRAINAGE PIPE	XXX
EXISTING MANHOLE	
EXISTING CATCH BASIN	
EXISTING INLET	
EXISTING STORM SEWER	

N

50 0 50 100
SCALE IN FEET

MODEL: Default
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BURNS McDONNELL

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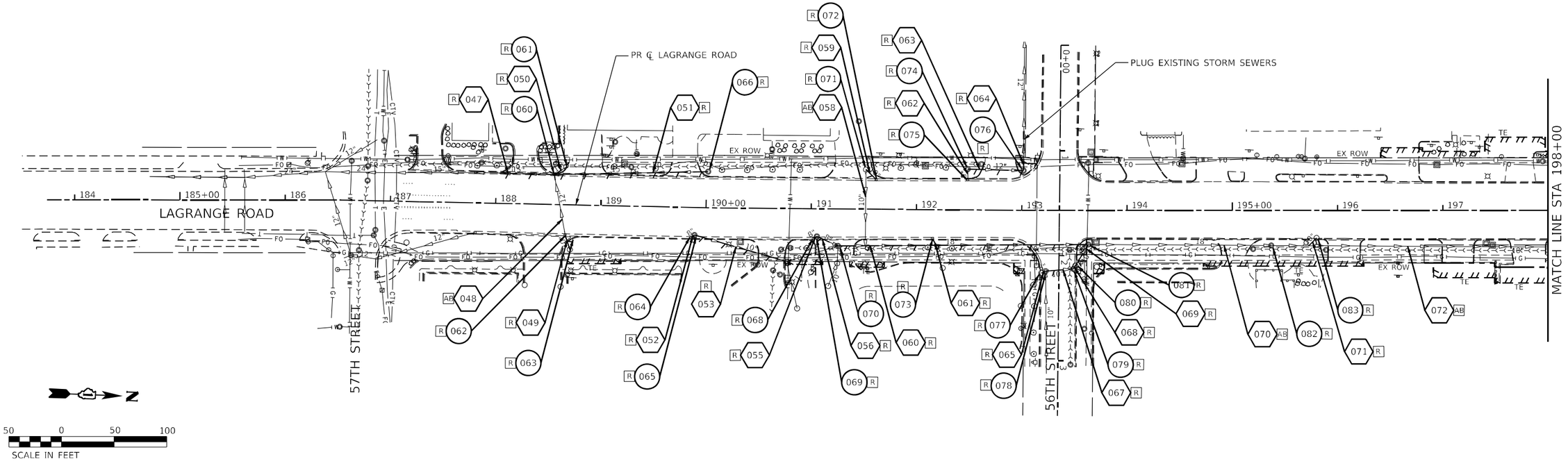
	DRAWN - WLM	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - RGJ	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

555TH STREET
EXISTING DRAINAGE PLAN

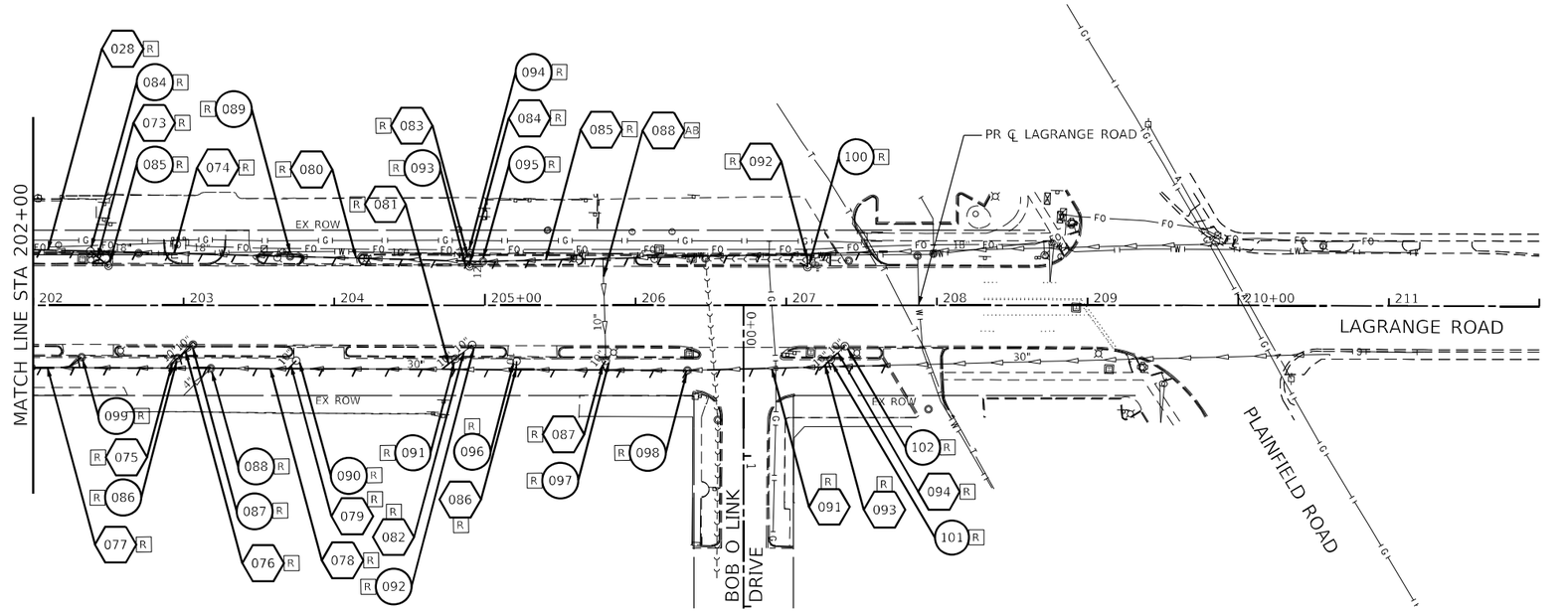
SCALE: 1" = 50' | SHEET 2 OF 3 SHEETS | STA. 114+00 TO STA. 120+41.46

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	97
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	



EXISTING DRAINAGE LEGEND

DRAINAGE STRUCTURE TO BE REMOVED	R
DRAINAGE STRUCTURE TO BE ADJUSTED	ADJ
DRAINAGE PIPE TO BE ABANDONED	AB
DRAINAGE PIPE REMOVAL	
EXISTING DRAINAGE STRUCTURE	XXX
EXISTING DRAINAGE PIPE	XXX
EXISTING MANHOLE	
EXISTING CATCH BASIN	
EXISTING INLET	
EXISTING STORM SEWER	



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BURNS McDONNELL

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PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 12/20/45
EXISTING DRAINAGE PLAN

SCALE: 1" = 50' | SHEET 3 OF 3 SHEETS | STA. 188+00 | TO STA. 209+06.84

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	98
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

STRUCTURE NO.	EXISTING DRAINAGE STRUCTURE SCHEDULE								
	ALIGNMENT	STATION	OFFSET	CATCH BASIN TO BE ADJUSTED	MANHOLE TO BE ADJUSTED	INLET TO BE ADJUSTED	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS
				60250200	60255500	60260100	60500040	60500050	60500060
				EACH	EACH	EACH	EACH	EACH	EACH
001	55TH ST	90+26	28' LT						1
002	55TH ST	90+35	29' RT						1
003	55TH ST	92+43	27' LT						1
004	55TH ST	92+49	28' RT						1
005	55TH ST	92+58	31' LT				1		
006	55TH ST	92+67	49' LT				1		
007	55TH ST	92+72	51' LT					1	
008	55TH ST	93+02	57' LT					1	
009	55TH ST	94+85	28' LT						1
010	55TH ST	94+85	28' RT						1
012	55TH ST	95+99	32' LT				1		
013	55TH ST	96+07	33' RT					1	
014	55TH ST	96+19	33' RT				1		
015	55TH ST	96+19	45' LT		1				
016	55TH ST	96+30	41' RT						1
017	55TH ST	96+31	55' RT					1	
018	55TH ST	96+68	41' RT						1
019	55TH ST	96+80	56' RT				1		
020	55TH ST	97+79	26' LT					1	
021	55TH ST	97+79	21' LT					1	
022	55TH ST	98+08	26' RT					1	
023	55TH ST	98+09	22' RT				1		
024	55TH ST	98+14	32' LT				1		
025	55TH ST	98+82	22' LT				1		
026	55TH ST	98+82	26' LT					1	
027	55TH ST	99+20	32' LT				1		
028	LAGRANGE RD	199+32	25' LT					1	
029	LAGRANGE RD	199+42	31' LT				1		
030	LAGRANGE RD	199+40	27' RT					1	
031	LAGRANGE RD	199+50	36' RT				1		
032	LAGRANGE RD	200+66	40' LT				1		
033	LAGRANGE RD	200+75	27' LT				1		
034	LAGRANGE RD	201+09	34' RT				1		
035	LAGRANGE RD	201+20	25' RT					1	
036	55TH ST	100+68	26' RT					1	
037	55TH ST	100+81	31' RT				1		
038	55TH ST	103+13	66' LT	1					
039	55TH ST	103+35	39' RT		1				
040	55TH ST	104+01	23' RT						1
041	55TH ST	104+02	39' RT		1				
042	55TH ST	105+70	28' RT					1	
043	55TH ST	106+20	24' LT					1	
044	55TH ST	106+31	24' LT				1		
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047	55TH ST	106+51	40' RT		1				
048	55TH ST	107+16	24' LT					1	
049	55TH ST	108+09	29' RT	1					
050	55TH ST	109+12	28' RT			1			
051	55TH ST	110+01	39' RT		1				
052	55TH ST	110+98	39' RT		1				
053	55TH ST	117+03	34' RT					1	
054	55TH ST	117+40	31' RT					1	
055	55TH ST	117+41	45' RT		1				
056	55TH ST	118+20	42' RT		1				
057	55TH ST	118+40	30' RT					1	
058	55TH ST	118+87	46' RT		1				
059	55TH ST	119+07	40' RT				1		
59A	55TH ST	120+48	41' RT	1					
59B	55TH ST	120+41	11' RT		1				
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064	LAGRANGE RD	189+86	29' RT						1
065	LAGRANGE RD	189+90	26' RT				1		
066	LAGRANGE RD	190+01	34' LT				1		
068	LAGRANGE RD	191+02	28' RT						1
069	LAGRANGE RD	191+05	26' RT				1		
070	LAGRANGE RD	191+26	35' RT				1		
071	LAGRANGE RD	191+52	38' LT					1	
072	LAGRANGE RD	191+61	28' LT						1
073	LAGRANGE RD	192+15	27' RT						1
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076	LAGRANGE RD	193+03	38' LT				1		
077	LAGRANGE RD	193+19	59' RT					1	
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080	LAGRANGE RD	193+51	52' RT					1	
081	LAGRANGE RD	193+63	32' RT						1
082	LAGRANGE RD	195+37	33' RT						1
083	LAGRANGE RD	195+80	26' RT					1	
084	LAGRANGE RD	202+38	36' LT					1	
085	LAGRANGE RD	202+50	26' LT						1
086	LAGRANGE RD	202+96	35' RT					1	
087	LAGRANGE RD	203+06	26' RT						1
088	LAGRANGE RD	204+18	42' RT						1
089	LAGRANGE RD	204+71	32' LT						1
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091	LAGRANGE RD	204+81	36' RT					1	
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093	LAGRANGE RD	204+90	26' LT					1	
094	LAGRANGE RD	204+90	35' LT					1	
095	LAGRANGE RD	204+99	29' LT						1
096	LAGRANGE RD	205+21	37' RT					1	
097	LAGRANGE RD	205+80	37' RT					1	
098	LAGRANGE RD	206+34	43' RT						1
099	LAGRANGE RD	202+32	34' RT					1	
100	LAGRANGE RD	207+14	26' LT					1	
101	LAGRANGE RD	207+30	36' RT					1	
102	LAGRANGE RD	207+39	27' RT					1	
			TOTAL	3	10	1	34	37	17

MODEL: Default
FILE NAME: 12166-sht-exd-drainsched-01.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - WLM	REVISED -	
	DRAWN - WLM	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - RGJ	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING DRAINAGE SCHEDULE

SCALE: | SHEET 1 OF 3 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	99
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

EXISTING STORM SEWER SCHEDULE

PIPE NO	ALIGNMENT	FROM		TO		DIAMETER	STORM SEWER REMOVAL 8"	STORM SEWER REMOVAL 10"	STORM SEWER REMOVAL 12"	STORM SEWER REMOVAL 15"	STORM SEWER REMOVAL 18"	STORM SEWER REMOVAL 24"	STORM SEWER REMOVAL 30"	STORM SEWER REMOVAL 36"	STORM SEWER REMOVAL 42"	TRENCH BACKFILL	ABANDON AND FILL EXISTING STORM SEWER	CLSM FOR ABANDONED SS
		STATION	OFFSET	STATION	OFFSET		55100300	55100400	55100500	55100700	55100900	55101200	55101400	55101600	55101800	20800150	X5509900	
						INCH	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	CU YD	FOOT	CU YD
000	55TH ST	90+17	33' LT	92+58	31' LT	36								241		596		
001	55TH ST	90+34	29' RT	90+26	28' LT	12										0	58	2
01A	55TH ST	90+26	28' LT	90+30	33' LT	12			7							4		
002	55TH ST	92+49	29' RT	92+43	28' LT	12										0	57	2
003	55TH ST	92+58	31' LT	92+67	49' LT	12			20							3		
03A	55TH ST	92+43	28' LT	92+58	31' LT	12			16							8		
004	55TH ST	92+67	49' LT	92+72	51' LT	12			6							2		
005	55TH ST	92+72	51' LT	93+02	57' LT	8	31									3		
006	55TH ST	92+58	31' LT	95+99	32' LT	36								341		741		
007	55TH ST	94+85	29' RT	94+85	28' LT	12										0	57	2
008	55TH ST	98+83	31' LT	95+88	28' LT	12			5							5		
009	55TH ST	95+85	79' LT	95+85	98' LT	8	19									9		
010	55TH ST	95+99	71' LT	95+99	32' LT	24						41				49		
012	55TH ST	96+19	33' RT	96+20	27' LT	12										0	60	2
12A	55TH ST	96+20	27' LT	96+20	45' LT	12			18							10		
013	55TH ST	96+07	33' RT	96+19	33' RT	10		12								2		
014	55TH ST	96+19	33' RT	96+31	55' RT	10		38								11		
015	55TH ST	96+30	42' RT	96+31	55' RT	12			14							3		
016	55TH ST	96+31	55' RT	96+80	56' RT	8	49									10		
017	55TH ST	96+68	41' RT	96+80	56' RT	12			19							2		
018	55TH ST	96+99	32' LT	98+14	32' LT	36								215		478		
019	55TH ST	97+39	26' LT	97+39	22' LT	12			5							1		
020	55TH ST	97+39	22' LT	97+50	32' LT	18					15					10		
021	55TH ST	98+08	26' RT	98+10	22' RT	12			4							1		
022	55TH ST	98+10	22' RT	98+14	32' LT	12										0	54	2
023	55TH ST	98+14	32' LT	99+20	32' LT	36								105		270		
024	55TH ST	98+82	26' LT	98+82	22' LT	12			4							1		
025	55TH ST	98+82	22' LT	98+92	32' LT	18					14					15		
026	55TH ST	99+20	32' LT	99+60	64' LT	18					51					69		
027	55TH ST	99+20	32' LT	100+68	25' RT	42										0	159	57
27A	55TH ST	100+68	25' RT	100+82	31' RT	42									15	18		
028	LAGRANGE RD	200+65	40' LT	202+38	36' LT	18					173					18		
029	LAGRANGE RD	200+76	27' LT	200+76	39' LT	8	12									4		
030	LAGRANGE RD	199+31	25' LT	199+42	31' LT	12			12							5		
031	LAGRANGE RD	199+42	31' LT	199+50	36' RT	18										0	67	5
032	LAGRANGE RD	199+40	27' RT	199+50	36' RT	10		13								5		
32A	LAGRANGE RD	100+36	100' RT	100+36	50' RT	18					50					51		
033	55TH ST	100+36	50' RT	100+82	31' RT	18					50					59		
034	LAGRANGE RD	201+08	34' RT	201+20	26' RT	10		14								3		
34A	LAGRANGE RD	201+09	34' RT	201+01	41' RT	10		11								4		
035	55TH ST	100+40	43' LT	100+40	15' RT	24										0	58	7
036	55TH ST	100+68	26' RT	100+82	31' RT	10		15								4		
037	55TH ST	100+82	31' RT	103+35	39' RT	42										0	254	91
37A	55TH ST	104+01	39' RT	104+02	24' RT	8	15									1		
038	55TH ST	103+35	39' RT	104+01	39' RT	42										0	66	24
38A	55TH ST	105+70	27' RT	106+41	28' RT	12			70							20		
039	55TH ST	104+01	39' RT	106+51	40' RT	42										0	251	90
39A	55TH ST	106+41	28' RT	106+51	40' RT	12			16							7		
040	55TH ST	106+20	24' LT	106+31	24' LT	8	11									2		
041	55TH ST	106+31	24' LT	106+51	28' LT	8	20									7		
042	55TH ST	106+51	28' LT	106+51	40' RT	18					68					129		
043	55TH ST	106+51	28' LT	107+16	23' LT	12			66							56		
044	55TH ST	117+02	34' RT	117+41	45' RT	8	40									8		
045	55TH ST	117+40	31' RT	117+41	45' RT	8	15									5		
45A	55TH ST	118+21	42' RT	119+07	40' RT	12			86									
046	55TH ST	118+40	30' RT	118+44	42' RT	12			13							3		
46A	55TH ST	119+07	40' RT	120+48	41' RT	12			141									
047	LAGRANGE RD	188+00	29' LT	188+55	29' LT	15				55						25		
048	LAGRANGE RD	188+55	29' LT	188+67	29' RT	12										0	59	2
049	LAGRANGE RD	188+67	29' RT	188+71	42' RT	10		14								2		
050	LAGRANGE RD	188+55	28' RT	188+69	36' RT	10		15								3		
051	LAGRANGE RD	188+55	29' LT	190+01	36' LT	15				146						48		
052	LAGRANGE RD	189+86	29' RT	189+90	26' RT	8	4									1		
053	LAGRANGE RD	189+90	26' RT	190+77	50' RT	10		91								6		
055	LAGRANGE RD	191+02	28' RT	191+05	26' RT	8	4									1		
056	LAGRANGE RD	191+05	26' RT	191+26	35' RT	8	22									7		
058	LAGRANGE RD	191+52	38' LT	191+52	35' RT	10										0	72	2
059	LAGRANGE RD	191+52	38' RT	191+61	28' LT	10		14								5		
060	LAGRANGE RD	191+26	35' RT	193+63	32' RT	18					238					151		
061	LAGRANGE RD	192+15	28' RT	192+19	34' RT	8	7									3		
062	LAGRANGE RD	192+49	29' LT	192+49	39' RT	8	10									2		
063	LAGRANGE RD	192+49	39' LT	193+02	38' LT	12			53							19		
064	LAGRANGE RD	193+02	38' LT	193+02	49' LT	12			11							0		
065	LAGRANGE RD	193+19	60' RT	193+23	58' RT	8	4									1		
067	LAGRANGE RD	193+23	58' RT	193+49	56' RT	10		27								4		
068	LAGRANGE RD	193+49	56' RT	193+51	53' RT	10		4								1		
069	LAGRANGE RD	193+51	53' RT	193+63	32' RT	10		24								6		
070	LAGRANGE RD	195+37	33' RT	193+63	32' RT	18										0	174	12

EXISTING STORM SEWER SCHEDULE

PIPE NO.	ALIGNMENT	FROM		TO		DIAMETER	STORM SEWER REMOVAL 8"	STORM SEWER REMOVAL 10"	STORM SEWER REMOVAL 12"	STORM SEWER REMOVAL 15"	STORM SEWER REMOVAL 18"	STORM SEWER REMOVAL 24"	STORM SEWER REMOVAL 30"	STORM SEWER REMOVAL 36"	STORM SEWER REMOVAL 42"	TRENCH BACKFILL	ABANDON AND FILL EXISTING STORM SEWER	CLSM FOR ABANDONED SS
		STATION	OFFSET	STATION	OFFSET		55100300	55100400	55100500	55100700	55100900	55101200	55101400	55101600	55101800	20800150	X5509900	
						INCH	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	CU YD	FOOT	CU YD
070	LAGRANGE RD	195+37	33' RT	193+63	32' RT	18										0	174	12
071	LAGRANGE RD	195+73	34' RT	195+80	26' RT	10		10								1		
072	LAGRANGE RD	195+37	33' RT	199+00	35' RT	18										0	363	24
073	LAGRANGE RD	202+38	26' LT	202+49	36' LT	8	16									3		
074	LAGRANGE RD	202+38	36' LT	203+71	32' LT	18					133					71		
075	LAGRANGE RD	202+69	59' RT	202+96	35' RT	10		7								4		
076	LAGRANGE RD	202+96	35' RT	203+06	26' RT	10		12								12		
077	LAGRANGE RD	200+43	41' RT	203+18	42' RT	24						275				203		
078	LAGRANGE RD	203+18	41' RT	206+34	43' RT	30							316			73		
079	LAGRANGE RD	203+69	42' RT	203+75	43' RT	10		8								0		
080	LAGRANGE RD	203+71	32' LT	204+99	29' LT	18					128					56		
081	LAGRANGE RD	204+71	42' RT	204+80	35' RT	10		12								1		
082	LAGRANGE RD	204+80	35' RT	204+92	26' RT	10		14								3		
083	LAGRANGE RD	204+85	29' LT	204+90	35' LT	12			7							2		
084	LAGRANGE RD	204+90	26' LT	204+90	29' LT	12			3							1		
085	LAGRANGE RD	204+99	29' LT	207+68	36' LT	18					267					114		
086	LAGRANGE RD	205+21	37' RT	205+21	43' RT	10		6								2		
087	LAGRANGE RD	205+76	37' RT	205+80	43' RT	10		7								0		
088	LAGRANGE RD	205+78	31' LT	205+80	37' RT	10										0	68	2
091	LAGRANGE RD	206+35	43' RT	207+68	40' RT	30							133			165		
092	LAGRANGE RD	207+14	34' LT	207+14	25' LT	18					9					2		
093	LAGRANGE RD	207+22	43' RT	207+30	36' RT	10		11								0		
094	LAGRANGE RD	207+30	36' RT	207+39	27' RT	10		12								2		
						TOTAL	279	391	596	201	1196	316	449	902	15	3712	1877	326

MODEL: Default
FILE NAME: 121166-sht-exdrainschd-03.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - WLM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - WLM	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - RGJ	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

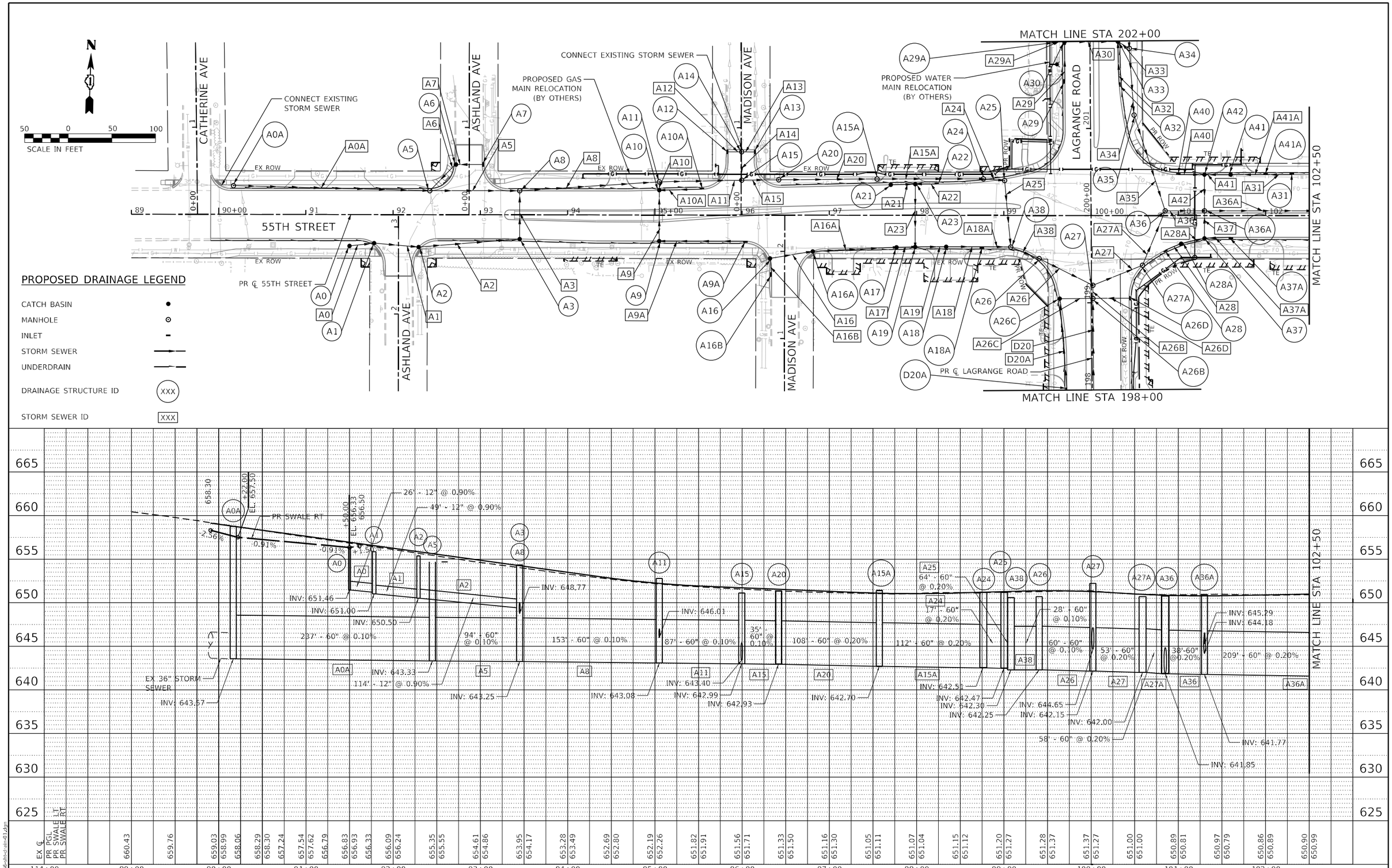
EXISTING DRAINAGE SCHEDULE

SCALE: | SHEET 3 OF 3 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	101

CONTRACT NO. 60R50

ILLINOIS | FED. AID PROJECT



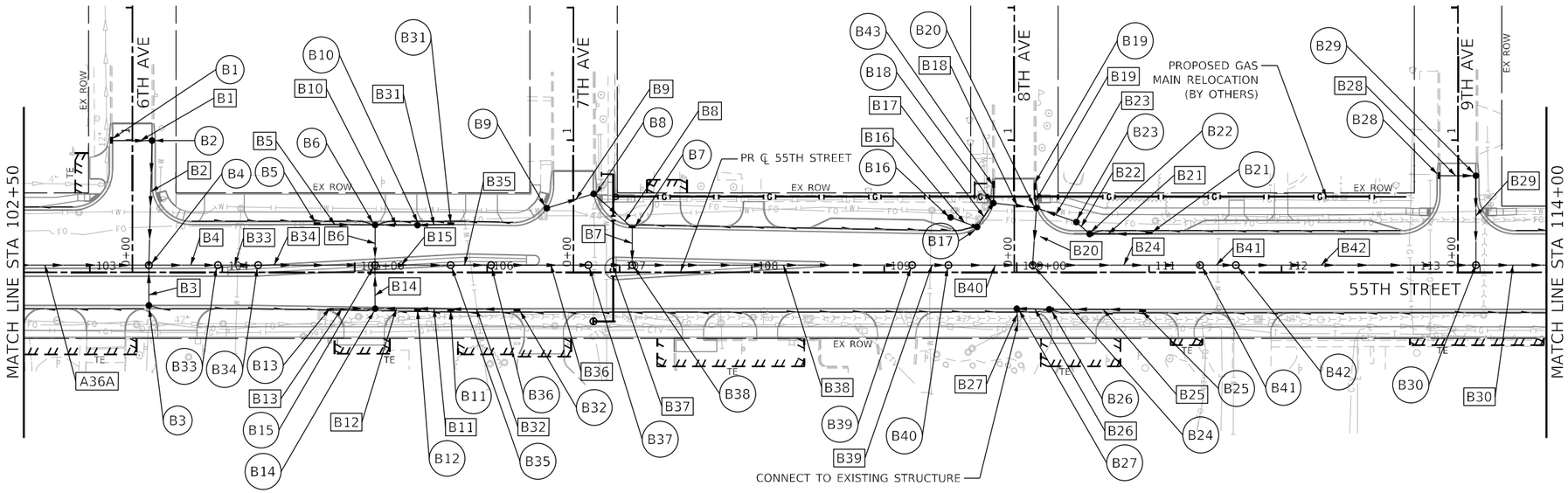
BURNS McDONNELL	USER NAME = rjiang	DESIGNED - JAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	55TH STREET PROPOSED DRAINAGE PLAN AND PROFILE
		DRAWN - HTS	REVISED -		
	PLOT SCALE = 100.0000 ' / in.	CHECKED - JR	REVISED -		
	PLOT DATE = 9/19/2024	DATE - 08/05/2024	REVISED -		SCALE: 1" = 50' SHEET 1 OF 5 SHEETS STA. 89+90.76 TO STA. 102+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	102
		CONTRACT NO. 60R50		
		ILLINOIS FED. AID PROJECT		

MODEL: Default
FILE NAME: 121166-sht-drain-01.dgn

PROPOSED DRAINAGE LEGEND

- CATCH BASIN
- MANHOLE
- INLET
- STORM SEWER
- UNDERDRAIN
- DRAINAGE STRUCTURE ID (XXX)
- STORM SEWER ID [XXX]



N

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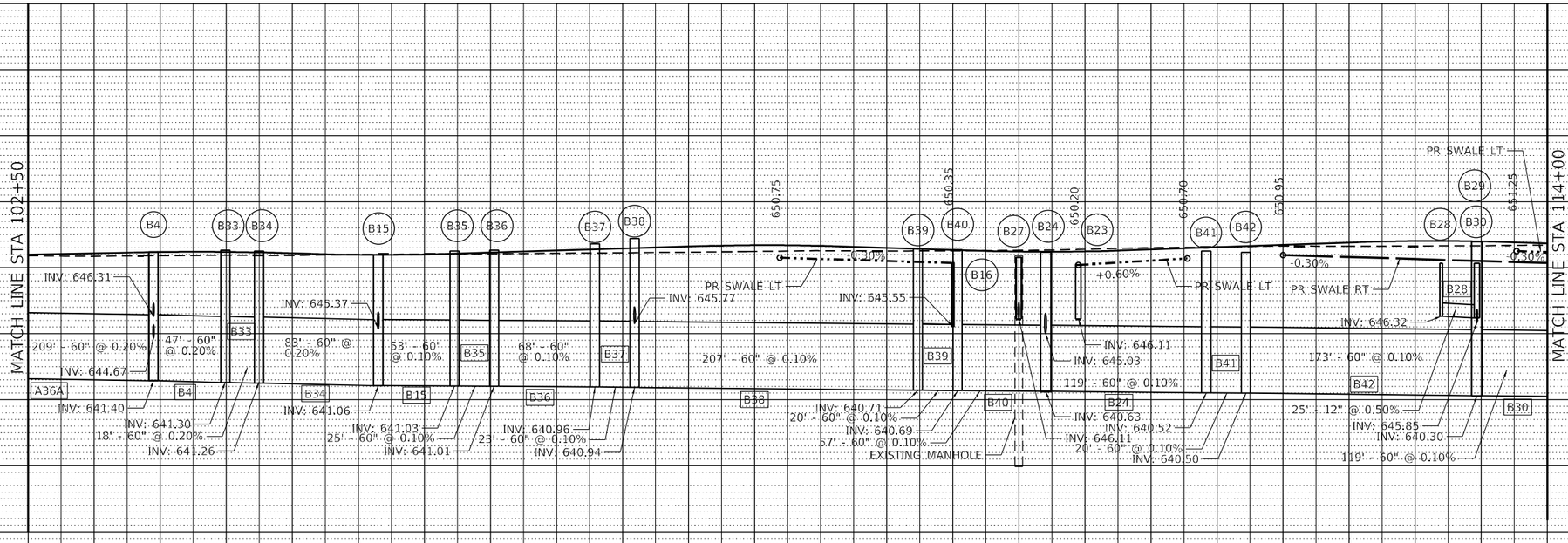
SCALE IN FEET



PLAN — SURVEYED; PLOTTED; ALIGNMENT CHECKED; R.O.W. CHECKED; CADD FILE NAME; NOTE BOOK; NO.; BY; DATE

PROFILE — SURVEYED; PLOTTED; GRADES CHECKED; E.M. NOTED; STRUCTURE NOTATIONS CHKD; NOTE BOOK; NO.; BY; DATE

MODEL: Default
FILE NAME: 121166-sht-dsh-02.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - JAP	REVISED -	
	DRAWN - HTS	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JR	REVISED -	
PLOT DATE = 9/19/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

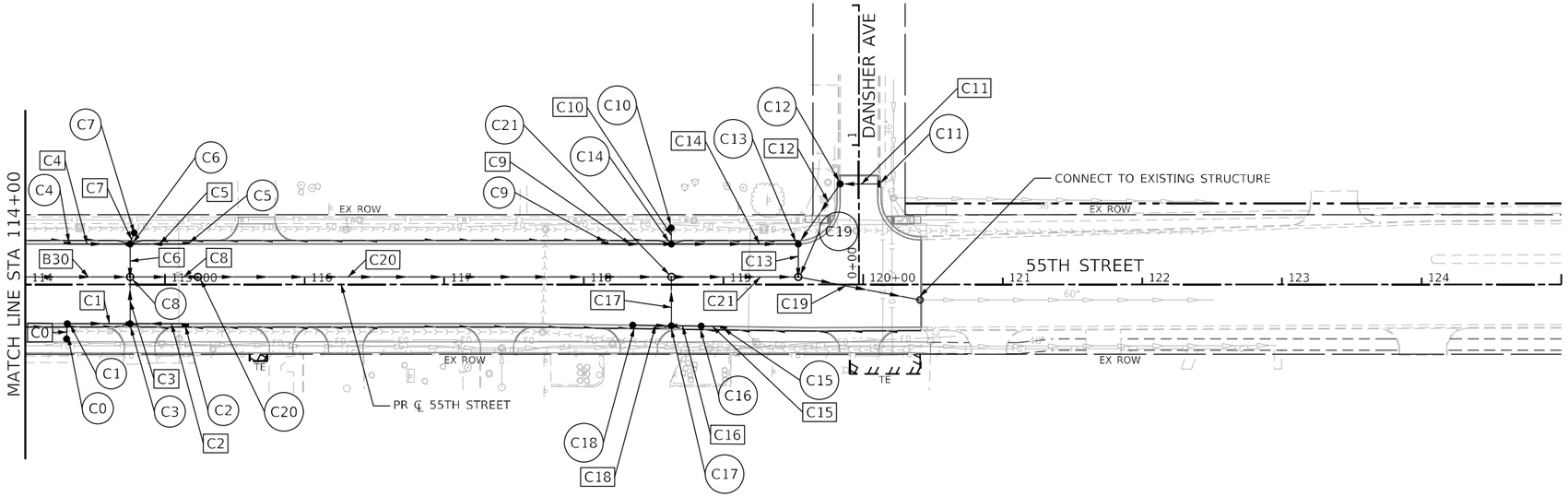
55TH STREET
PROPOSED DRAINAGE PLAN AND PROFILE

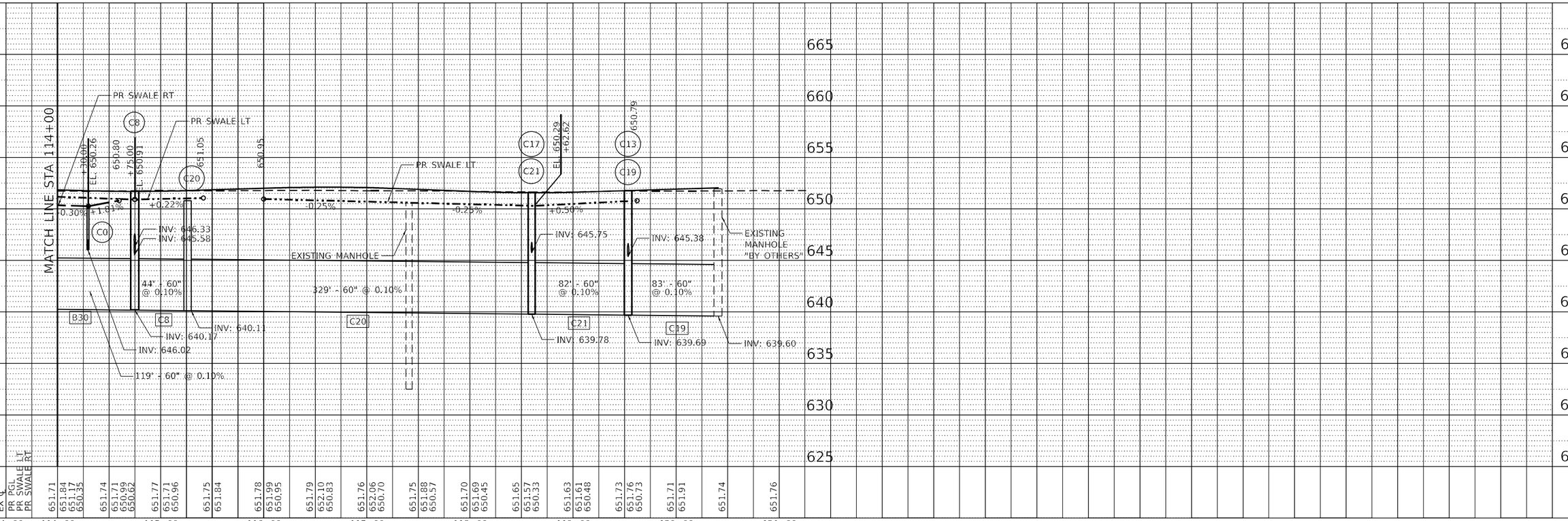
SCALE: 1" = 50' | SHEET 2 OF 5 SHEETS | STA. 102+50 TO STA. 114+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	103
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

PROPOSED DRAINAGE LEGEND

- CATCH BASIN
- MANHOLE
- INLET
- STORM SEWER
- UNDERDRAIN
- DRAINAGE STRUCTURE ID (XXX)
- STORM SEWER ID [XXX]





N

50 0 50 100
SCALE IN FEET

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

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

MODEL: Default
FILE NAME: 121166-sht-dsh-03.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - JAP	REVISED -
	DRAWN - HTS	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - JR	REVISED -
PLOT DATE = 9/19/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

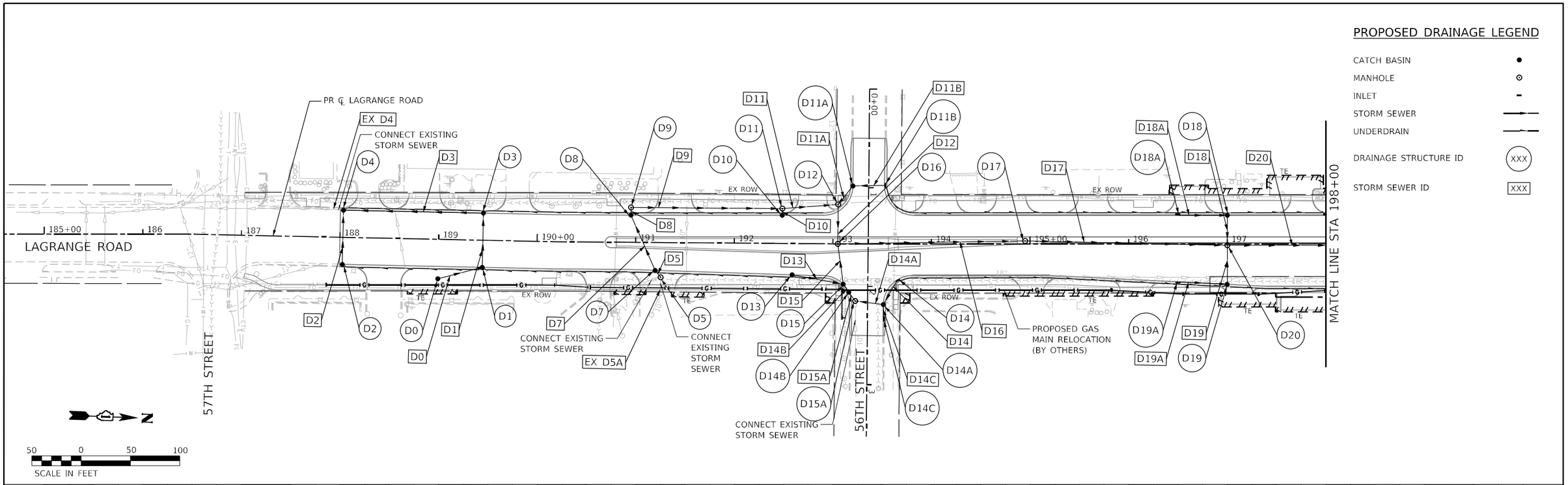
55TH STREET
PROPOSED DRAINAGE PLAN AND PROFILE

SCALE: 1" = 50' | SHEET 3 OF 5 SHEETS | STA. 114+00 | TO STA. 120+41.46

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	104
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

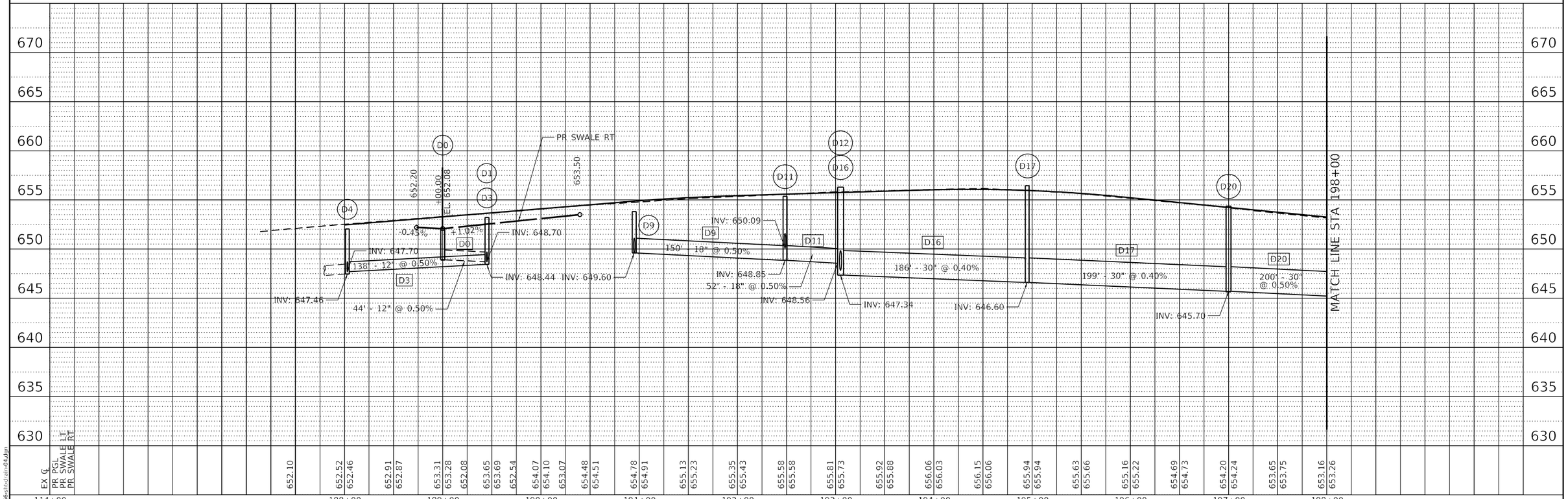
PLAN
SURVEYED
PLOTTED
CHECKED
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
CHECKED
NOTE BOOK
NO.
BY
DATE



PROPOSED DRAINAGE LEGEND

- CATCH BASIN
- MANHOLE
- INLET
- STORM SEWER
- UNDERDRAIN
- DRAINAGE STRUCTURE ID (XXX)
- STORM SEWER ID [XXX]



MODEL: Default
FILE NAME: 121166-sht-dist-04.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - JAP	REVISED -
	DRAWN - HTS	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - JR	REVISED -
PLOT DATE = 9/19/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

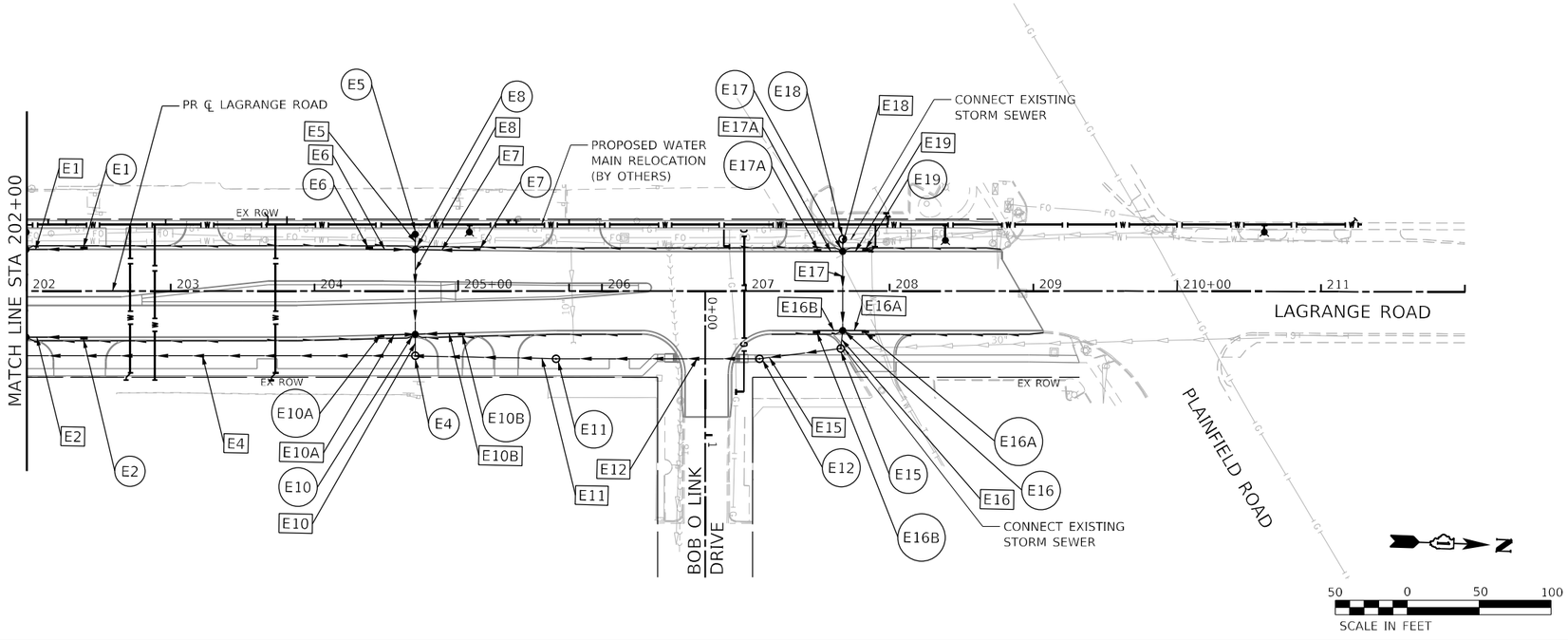
US ROUTE 12/20/45 (LAGRANGE ROAD)
PROPOSED DRAINAGE PLAN AND PROFILE

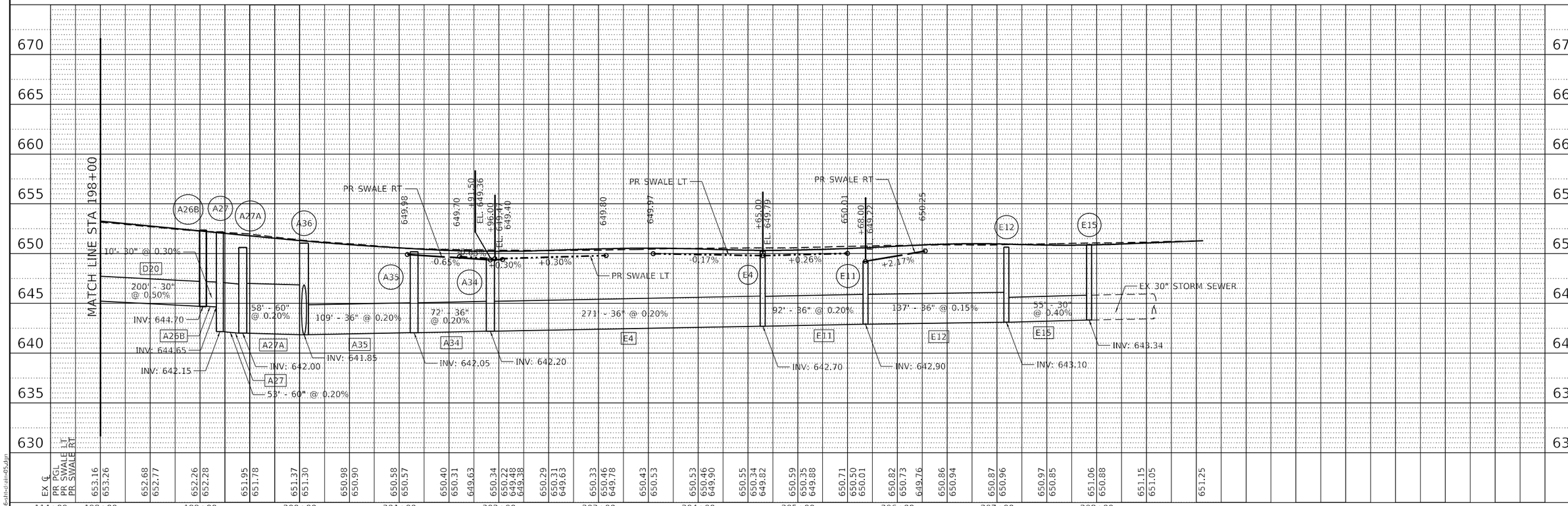
SCALE: 1" = 50' | SHEET 4 OF 5 SHEETS | STA. 188+00 | TO STA. 198+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	105
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

PROPOSED DRAINAGE LEGEND

- CATCH BASIN
- MANHOLE
- INLET
- STORM SEWER
- UNDERDRAIN
- DRAINAGE STRUCTURE ID (XXX)
- STORM SEWER ID (XXX)





BURNS McDONNELL	USER NAME = rjiang	DESIGNED - JAP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US ROUTE 12/20/45 (LAGRANGE ROAD) PROPOSED DRAINAGE PLAN AND PROFILE
		DRAWN - HTS	REVISED -		
	PLOT SCALE = 100.0000 ' / in.	CHECKED - JR	REVISED -		
	PLOT DATE = 9/19/2024	DATE - 08/05/2024	REVISED -		SCALE: 1" = 50' SHEET 5 OF 5 SHEETS STA. 202+00 TO STA. 209+06.84

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	106
		CONTRACT NO. 60R50		
		ILLINOIS FED. AID PROJECT		

PLAN: NOTE BOOK NO. ___ SURVEYED / PLOTTED / ALIGNMENT CHECKED / R.T. OF WAY CHECKED / CADD FILE NAME ___ BY ___ DATE ___

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

MODEL: Default
FILE NAME: 121166-sht-drain-05.dgn

PROPOSED DRAINAGE STRUCTURE SCHEDULE																
								INVERT DIRECTION								
STRUCTURE NO.	ALIGNMENT	STATION	OFFSET	LT/RT	STRUCTURE TYPE	PAY ITEM	RIM	N	S	E	W	NE	SE	SW	NW	REMARKS
A0	55TH ST	91+50.00	36.00	RT	CB TA 4 DIA T24F&G	60201340	656.33			651.46						
A0A	55TH ST	90+17.00	35.50	LT	MANHOLE SPECIAL	X6020084	658.77			643.57	643.58					SEE DETAIL ON SHEET 110
A1	55TH ST	91+78.19	32.79	RT	CB TA 4 DIA T24F&G	60201340	655.83			651.00	651.20					
A2	55TH ST	92+29.15	37.13	RT	CB TA 4 DIA T24F&G	60201340	655.36			650.50	650.55					
A3	55TH ST	93+45.04	27.80	RT	CB TA 4 DIA T24F&G	60201340	653.80	649.35			649.40					
A5	55TH ST	92+42.00	27.50	LT	MAN TA 9 DIA T24F&G	60224476	655.22	647.88		643.33	643.33					ADD 2 FT SUMP
A6	55TH ST	92+72.02	57.50	LT	CB TA 4 DIA T24F&G	60201340	655.09		648.00	649.00						
A7	55TH ST	93+02.02	57.50	LT	CB TA 4 DIA T24F&G	60201340	654.15				649.15					
A8	55TH ST	93+45.00	27.50	LT	MAN TA 9 DIA T24F&G	60224476	653.80		648.85	643.25	643.25					ADD 2 FT SUMP
A9	55TH ST	95+05.00	30.00	RT	CB TA 4 DIA T24F&G	60201340	651.78	646.65		646.66						
A9A	55TH ST	96+03.86	30.00	RT	CB TA 4 DIA T24F&G	60201340	651.25				647.08					
A10	55TH ST	95+05.00	28.41	LT	CB TA 4 DIA T24F&G	60201340	651.78	646.35	646.38	646.35						
A10A	55TH ST	95+54.00	29.63	LT	INLETS TA T24F&G	60237470	651.45				646.52					
A11	55TH ST	95+05.00	41.00	LT	MAN TA 7 DIA T1F CL	60224446	652.97		646.32	643.08	643.08					
A12	55TH ST	95+83.78	72.50	LT	INLETS TA T24F&G	60237470	650.50			646.33						
A13	55TH ST	96+13.78	72.50	LT	INLETS TA T24F&G	60237470	650.50				646.33					
A14	55TH ST	95+99.50	73.50	LT	MAN TA 4 DIA T1F CL	60218400	650.78	643.60	643.50	646.19	646.19					
A15	55TH ST	95+99.50	39.00	LT	MAN TA 8 DIA T1F CL	60224459	651.11	643.40		642.99	642.99					
A15A	55TH ST	97+57.21	43.60	LT	MAN TA 7 DIA T1F CL	60224446	651.40			642.70	642.70					
A16	55TH ST	96+32.00	49.60	RT	CB TA 4 DIA T24F&G	60201340	650.76		646.77	646.77						
A16A	55TH ST	96+81.00	41.47	RT	CB TA 4 DIA T24F&G	60201340	650.60			646.29	646.54					
A16B	55TH ST	96+33.88	68.57	RT	INLETS TA T24F&G	60237470	651.02	646.85								
A17	55TH ST	97+77.00	36.72	RT	CB TA 4 DIA T24F&G	60201340	650.34			645.83	645.83					
A18	55TH ST	98+34.00	36.00	RT	CB TA 4 DIA T24F&G	60201340	650.36			645.35	645.61					
A18A	55TH ST	98+74.99	36.00	RT	CB TA 4 DIA T24F&G	60201340	650.48			645.16	645.17					
A19	55TH ST	97+98.40	36.21	RT	CB TA 5 DIA T24F&G	60205040	650.32	645.76		645.74	645.75					
A20	55TH ST	96+42.00	38.00	LT	MAN TA 7 DIA T1F CL	60224446	651.37			642.93	642.93					
A21	55TH ST	97+70.32	35.04	LT	CB TA 4 DIA T24F&G	60201340	650.63			646.46						
A22	55TH ST	98+23.00	36.00	LT	INLETS TA T24F&G	60237470	650.62				646.46					
A23	55TH ST	97+98.40	35.74	LT	CB TA 5 DIA T24F&G	60205040	650.60		646.09	646.34	646.34					
A24	55TH ST	98+76.56	43.00	LT	MAN TA 7 DIA T1F CL	60224446	651.21			642.51	642.51					
A25	55TH ST	99+00.78	40.04	LT	MAN TA 8 DIA T1F CL	60224459	650.72		642.47		642.47					
A26	55TH ST	99+40.50	49.34	RT	MAN TA 9 DIA T24F&G	60224476	650.69			642.25	642.25					ADD 2 FT SUMP
A26B	LAGRANGE AVE	199+05.00	1.46	RT	MAN TA 5 DIA T1F CL	60221100	652.36	644.70	644.70	646.28	646.56					
A26C	LAGRANGE AVE	199+05.00	36.57	LT	CB TA 4 DIA T24F&G	60201340	651.53		647.08	647.08						
A26D	LAGRANGE AVE	199+05.00	43.00	RT	CB TA 4 DIA T24F&G	60201340	651.51				646.50					
A27	55TH ST	100+02.00	75.84	RT	MAN TA 8 DIA T1F CL	60224459	652.17		644.65	642.15	642.15					
A27A	55TH ST	100+59.00	56.94	RT	MAN TA 8 DIA T24F&G	60224456	650.70	642.00			642.00					ADD 2 FT SUMP
A28	55TH ST	100+85.00	39.79	RT	INLETS TA T24F&G	60237470	650.06			645.89						
A28A	55TH ST	101+03.28	32.21	RT	CB TA 4 DIA T24F&G	60201340	649.98			645.56	645.81					
A29	LAGRANGE AVE	201+54.00	29.00	LT	INLETS TA T24F&G	60237470	649.86	645.67								
A29A	LAGRANGE AVE	201+99.41	41.00	LT	CB TC T8G	60207605	649.51			645.34						
A30	LAGRANGE AVE	201+99.50	29.00	LT	CB TA 4 DIA T24F&G	60201340	649.78	645.51	645.51	645.04	645.29					
A31	55TH ST	102+30.00	47.00	LT	INLETS TA T24F&G	60237470	650.24				646.06					
A32	LAGRANGE AVE	201+50.00	33.23	RT	INLETS TA T24F&G	60237470	649.85	645.67								
A33	LAGRANGE AVE	201+99.38	32.00	RT	CB TA 4 DIA T24F&G	60201340	649.78	645.51	645.51		644.76		644.75			
A34	LAGRANGE AVE	201+91.50	45.00	RT	MAN TA 7 DIA T8G	60224448	649.36	642.20	642.20						644.64	ADD 2 FT SUMP
A35	LAGRANGE AVE	201+15.00	50.00	RT	MAN TA 4 DIA T1F CL	60218400	650.02	642.05	642.05							
A36	55TH ST	100+81.00	5.50	LT	MAN TA 8 DIA T1F CL	60224459	650.99	641.85	641.85	641.85						
A36A	55TH ST	101+27.00	5.50	LT	MAN TA 8 DIA T1F CL	60224459	650.93	644.19	645.29	641.77	641.77					
A37	55TH ST	101+30.00	26.11	RT	CB TA 4 DIA T24F&G	60201340	650.30	645.44		645.93	645.44					
A37A	55TH ST	101+60.00	25.00	RT	INLETS TA T24F&G	60237470	650.37				646.20					
A38	55TH ST	99+08.00	36.03	RT	MAN TA 8 DIA T24F&G	60224456	650.58	642.30		642.30	645.03					
A40	55TH ST	101+00.00	47.00	LT	INLETS TA T24F&G	60237470	650.10			645.93						
A41	55TH ST	101+60.00	47.00	LT	CB TA 4 DIA T24F&G	60201340	650.10			645.65	645.40					
A41A	55TH ST	102+00.00	47.00	LT	CB TA 4 DIA T24F&G	60201340	650.18			645.93	645.92					
A42	55TH ST	101+30.00	47.00	LT	CB TA 4 DIA T24F&G	60201340	650.08		644.45	645.21	645.66					
B1	55TH ST	103+16.97	99.50	LT	INLETS TA T24F&G	60237470	649.40			645.23						
B2	55TH ST	103+46.93	99.50	LT	CB TA 4 DIA T24F&G	60201340	649.21		645.11		645.11					
B3	55TH ST	103+44.50	25.00	RT	CB TA 4 DIA T24F&G	60201340	650.73	646.56								
B4	55TH ST	103+43.50	5.50	LT	MAN TA 7 DIA T1F CL	60224446	651.30	644.67	646.31	641.40	641.40					
B5	55TH ST	104+71.33	36.00	LT	INLETS TA T24F&G	60237470	650.59			646.03						
B6	55TH ST	105+15.42	35.80	LT	CB TA 4 DIA T24F&G	60201340	650.53		645.62	645.87	645.87					
B7	55TH ST	107+09.61	33.56	LT	INLETS TA T24F&G	60237470	651.03		646.02						646.02	
B8	55TH ST	106+80.50	59.30	LT	CB TA 4 DIA T24F&G	60201340	650.65				646.29		646.28			
B9	55TH ST	106+45.00	48.43	LT	CB TA 4 DIA T24F&G	60201340	650.60			646.43						
B10	55TH ST	105+47.42	35.60	LT	CB TA 4 DIA T24F&G	60201340	650.57			646.01	646.01					
B11	55TH ST	105+72.41	27.78	RT	CB TA 4 DIA T24F&G	60201340	650.60			645.97	645.97					
B12	55TH ST	105+47.42	27.50	RT	CB TA 4 DIA T24F&G	60201340	650.53			645.87	645.87					
B13	55TH ST	104+81.33	27.17	RT	INLETS TA T24F&G	60237470	650.49			646.32						
B14	55TH ST	105+15.42	27.50	RT	CB TA 4 DIA T24F&G	60201340	650.47	645.45		645.70	646.01					
B15	55TH ST	105+12.50	5.50	LT	MAN TA 7 DIA T1F CL	60224446	651.75	645.37	645.18	641.06	641.06					
B16	55TH ST	109+50.00	42.43	LT	CB TC T8G	60207605	650.39			646.03						
B17	55TH ST	109+70.00	34.19	LT	CB TA 4 DIA T24F&G	60201340	650.70				645.95	645.95				
B18	55TH ST	109+82.38	52.33	LT	CB TA 4 DIA T24F&G	60201340	650.47	646.21		645.61				645.86		
B19	55TH ST	110+13.13	65.00	LT	INLETS TA T24F&G	60237470	650.51		646.34							
B20	55TH ST	110+14.94	48.74	LT	CB TA 5 DIA T24F&G	60205040	650.44	646.21	645.22	645.90	645.47					
B21	55TH ST	111+00.00	29.00	LT	INLETS TA T24F&G	60237470	650.91				646.34					
B22	55TH ST	110+55.00	29.00	LT	CB TA 4 DIA T24F&G	60201340	650.77			646.16					646.15	
B23	55TH ST	110+45.00	38.00	LT	CB TA 4 DIA T8G	60200805	650.22				646.11		646.11			
B24	55TH ST	110+12.00	5.50	LT	MAN TA 7 DIA T1F CL	60224446	651.21	645.04		640.63	640.63					
B25	55TH ST	110+95.00	28.00	RT	INLETS TA T24F&G	60237470	650.92				646.75					
B26	55TH ST	110+24.59	27.81	RT	CB TA 5 DIA T24F&G	60205040	650.76			646.46	646.21					
B27	55TH ST	110+00.00	27.50	RT	CB TA 4 DIA T24F&G	60201340	650.77		646.11	646.11						
B28	55TH ST	113+19.74	73.00	LT	INLETS TA T24F&G	60237470	650.32			646.32						
B29	55TH ST	113+46.74	73.00	LT	CB TA 4 DIA T24F&G	60201340	650.32		646.18		646.18					
B30	55TH ST	113+45.50	5.50	LT	MAN TA 7 DIA T1F CL	60224446	652.00	645.85		640.30	640.30					
B31	55TH ST	105+72.41	36.07	LT	CB TA 4 DIA T24F&G	60201340	650.62				646.10					
B32	55TH ST	106+22.41	27.78	RT	INLETS TA T24F&G	60237470	650.76				646.18					
B33	55TH ST	103+96.68	5.50	LT	MAN TA 7 DIA T1F CL	60224446	651.32			641.30	641.30					
B34	55TH ST	104+27.07	5.50	LT	MAN TA 7 DIA T1F CL	60224446	651.26			641.26	641.26					
B35	55TH ST	105+72.35	5.50	LT	MAN TA 7 DIA T1F CL	60224446	651.25			641.03	641.03					
B36	55TH ST	106+02.92	5.50	LT	MAN TA 7 DIA T1F CL	60224446	651.32			641.01	641.01					
B37	55TH ST	106+76.44	5.50	LT	MAN TA 7 DIA T1F CL	60224446	651.50			640.96	640.96					
B38	55TH ST	107+06.50	5.50	LT	MAN TA 7 DIA T1F CL	60224446	652.20	645.78		640.94	640.94					
B39	55TH ST	109+20.90	5.50	LT	MAN TA 7 DIA T1F CL	60224446	651.45			640.71	640.71					
B40	55TH ST	109+48.34	5.50	LT	MAN TA 7 DIA T1F CL	60224446	651.36			640.69	640.69					
B41	55TH ST	111+38.42	5.50	LT	MAN TA 7 DIA T1F CL	60224446	651.52			640.52	640.52					
B42	55TH ST	111+65.54	5.50	LT	MAN TA 7 DIA T1F CL	60224446	651.61			640.50	640.50					
B43	55TH ST	109+83.13	66.60	LT	INLETS TA T24F&G	60237470	650.52		646.34							

PROPOSED DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	ALIGNMENT	STATION	OFFSET	LT/RT	STRUCTURE TYPE	PAY ITEM	RIM	INVERT DIRECTION N	S	E	W	NE	SE	SW	NW	REMARKS
C0	55TH ST	114+29.61	39.02	RT	CB TC T8G	60207605	650.91	646.02								
C1	55TH ST	114+30.00	28.00	RT	CB TA 4 DIA T24F&G	60201340	651.31		645.96	645.96						
C2	55TH ST	115+14.50	28.00	RT	INLETS TA T24F&G	60237470	651.30				645.92					
C3	55TH ST	114+75.00	28.00	RT	CB TA 4 DIA T24F&G	60201340	651.25	645.74		645.74	645.74					
C4	55TH ST	114+30.00	29.00	LT	INLETS TA T24F&G	60237470	651.29			647.12						
C5	55TH ST	115+15.00	29.00	LT	INLETS TA T24F&G	60237470	651.28				647.12					
C6	55TH ST	114+75.00	29.00	LT	CB TA 4 DIA T24F&G	60201340	651.25	646.76	646.51	646.94	646.94					
C7	55TH ST	114+78.00	37.00	LT	CB TC T8G	60207605	650.96		646.79							
C8	55TH ST	114+71.50	5.50	LT	MAN TA 8 DIA T1F CL	60224459	651.71	646.34	645.58	640.17	640.17					
C9	55TH ST	118+15.00	29.00	LT	INLETS TA T24F&G	60237470	651.19			647.02						
C10	55TH ST	118+62.50	40.50	LT	CB TC T8G	60207605	650.32		646.47							
C11	55TH ST	120+10.50	72.00	LT	INLETS TA T24F&G	60237470	650.04				645.87					
C12	55TH ST	119+83.50	72.00	LT	CB TA 4 DIA T24F&G	60201340	650.04			645.76				645.76		
C13	55TH ST	119+53.50	29.00	LT	CB TA 4 DIA T24F&G	60201340	651.31		645.27		645.70	645.52				
C14	55TH ST	118+62.62	29.00	LT	CB TA 4 DIA T24F&G	60201340	651.24	646.38		646.13	646.82					
C15	55TH ST	119+00.00	30.00	RT	INLETS TA T24F&G	60237470	651.24				647.07					
C16	55TH ST	118+84.00	29.74	RT	CB TA 4 DIA T24F&G	60201340	651.24			646.91	646.91					
C17	55TH ST	118+62.62	29.48	RT	CB TA 4 DIA T24F&G	60201340	651.24	645.92		646.70	646.76					
C18	55TH ST	118+34.96	29.09	RT	CB TA 4 DIA T24F&G	60201340	651.24			647.03						
C19	55TH ST	119+50.00	5.50	LT	MAN TA 8 DIA T1F CL	60224459	651.24	645.10		639.69	639.69					
C20	55TH ST	115+23.69	5.50	LT	MAN TA 7 DIA T1F CL	60224446	651.77			640.11	640.11					
C21	55TH ST	118+60.00	5.50	LT	MAN TA 8 DIA T1F CL	60224459	651.59		645.75	639.78	639.78					
D0	LAGRANGE AVE	189+00.00	40.00	RT	CB TC T8G	60207605	652.08	648.91								
D1	LAGRANGE AVE	189+45.00	27.50	RT	CB TA 4 DIA T24F&G	60201340	653.21		648.70		648.70					
D2	LAGRANGE AVE	188+03.00	27.50	RT	CB TA 4 DIA T24F&G	60201340	652.04				647.92					
D3	LAGRANGE AVE	189+45.00	27.50	LT	CB TA 4 DIA T24F&G	60201340	653.21		648.44	648.45						
D4	LAGRANGE AVE	188+03.00	27.50	LT	CB TA 4 DIA T24F&G	60201340	652.04	647.70	647.46	647.70						
D5	LAGRANGE AVE	191+25.61	35.15	RT	MAN TA 5 DIA T1F CL	60221100	654.65		650.21	649.99				649.91		
D7	LAGRANGE AVE	191+20.00	28.21	RT	CB TA 4 DIA T24F&G	60201340	654.60				649.89	649.89				
D8	LAGRANGE AVE	190+95.00	27.50	LT	CB TA 4 DIA T24F&G	60201340	654.43			649.62	649.62					
D9	LAGRANGE AVE	190+95.13	36.41	LT	MAN TA 4 DIA T1F CL	60218400	654.58	649.60		649.60						
D10	LAGRANGE AVE	192+48.50	28.60	LT	CB TA 4 DIA T24F&G	60201340	655.14				650.14					
D11	LAGRANGE AVE	192+48.50	35.34	LT	MAN TA 4 DIA T1F CL	60218400	655.43	648.85	648.85	650.09						
D11A	LAGRANGE AVE	193+20.36	58.80	LT	CB TA 4 DIA T24F&G	60201340	654.34	649.15					649.15			
D11B	LAGRANGE AVE	193+52.37	59.28	LT	INLETS TA T24F&G	60237470	654.32		649.32							
D12	LAGRANGE AVE	193+03.86	41.19	LT	MAN TA 5 DIA T1F CL	60221100	655.25		648.56	648.06					649.03	
D13	LAGRANGE AVE	192+58.97	31.68	RT	INLETS TA T24F&G	60237470	655.17	651.00								
D14	LAGRANGE AVE	193+65.50	36.43	RT	INLETS TA T24F&G	60237470	655.34						651.17			
D14A	LAGRANGE AVE	193+51.17	61.58	RT	CB TA 4 DIA T24F&G	60201340	654.90		650.73	650.73					650.92	
D14B	LAGRANGE AVE	193+16.26	49.10	RT	CB TA 4 DIA T24F&G	60201340	654.94					650.30		650.30		
D14C	LAGRANGE AVE	193+51.03	76.06	RT	INLETS TA T24F&G	60237470	654.95				650.78					
D15	LAGRANGE AVE	193+10.50	40.84	RT	CB TA 5 DIA T24F&G	60205040	655.08		650.51		649.99	650.24				
D15A	LAGRANGE AVE	193+22.63	57.82	RT	MAN TA 4 DIA T1F CL	60218400	654.97	650.61		652.77				650.36		
D16	LAGRANGE AVE	193+02.88		LT	MAN TA 6 DIA T1F CL	60223800	656.44	647.35		649.64	647.84					
D17	LAGRANGE AVE	194+95.00	3.00	LT	MAN TA 4 DIA T1F CL	60218400	656.76	646.60	646.60							
D18	LAGRANGE AVE	197+00.07	29.00	LT	CB TA 4 DIA T24F&G	60201340	653.80		649.65	649.65						
D18A	LAGRANGE AVE	196+49.92	29.00	LT	INLETS TA T24F&G	60237470	654.29	650.12								
D19	LAGRANGE AVE	197+00.00	40.99	RT	CB TA 4 DIA T24F&G	60201340	653.58		649.49		649.49					
D19A	LAGRANGE AVE	196+49.83	38.48	RT	INLETS TA T24F&G	60237470	654.13	649.96								
D20	LAGRANGE AVE	196+98.22	1.50	RT	MAN TA 5 DIA T1F CL	60221100	654.38	645.70	645.70	649.14	649.39					
D20A	LAGRANGE AVE	198+00.08	29.00	LT	INLETS TA T24F&G	60237470	652.82	648.30								
E1	LAGRANGE AVE	202+39.50	29.00	LT	INLETS TA T24F&G	60237470	649.84		645.67							
E2	LAGRANGE AVE	202+39.50	32.00	RT	INLETS TA T24F&G	60237470	649.84		645.67							
E4	LAGRANGE AVE	204+70.00	47.25	RT	MAN TA 6 DIA T1F CL	60223800	650.26	642.70	642.70		644.64					
E5	LAGRANGE AVE	204+70.00	39.50	LT	CB TC T8G	60207605	649.72			645.55						
E6	LAGRANGE AVE	204+38.00	29.00	LT	INLETS TA T24F&G	60237470	649.92	645.77								
E7	LAGRANGE AVE	205+12.77	28.19	LT	INLETS TA T24F&G	60237470	649.94		645.77							
E8	LAGRANGE AVE	204+70.00	28.79	LT	CB TA 4 DIA T24F&G	60201340	649.89	645.57	645.57	645.26	645.51					
E10	LAGRANGE AVE	204+70.00	30.08	RT	CB TA 5 DIA T24F&G	60205040	649.88	645.57	645.57	644.74	644.99					
E10A	LAGRANGE AVE	204+45.74	30.56	RT	INLETS TA T24F&G	60237470	649.91	645.74								
E10B	LAGRANGE AVE	205+02.25	29.15	RT	INLETS TA T24F&G	60237470	649.92		645.74							
E11	LAGRANGE AVE	205+68.00	47.00	RT	CB TA 4 DIA T8G	60200805	649.22	642.90	642.90							
E12	LAGRANGE AVE	207+09.50	47.00	RT	MAN TA 5 DIA T1F CL	60221100	650.97	643.10	643.10							
E15	LAGRANGE AVE	207+66.00	40.00	RT	MAN TA 5 DIA T1F CL	60221100	650.70	643.34	643.34		644.66					
E16	LAGRANGE AVE	207+67.37	27.50	RT	CB TA 4 DIA T24F&G	60201340	650.41	646.11	646.11	644.73	644.73					
E16A	LAGRANGE AVE	207+83.37	27.50	RT	INLETS TA T24F&G	60237470	650.42		646.24							
E16B	LAGRANGE AVE	207+49.49	27.50	RT	INLETS TA T24F&G	60237470	650.41	646.24								
E17	LAGRANGE AVE	207+67.37	27.50	LT	CB TA 4 DIA T24F&G	60201340	650.41	646.11	646.11	645.16	645.16					
E17A	LAGRANGE AVE	207+50.00	27.50	LT	INLETS TA T24F&G	60237470	650.41	646.24								
E18	LAGRANGE AVE	207+67.37	36.75	LT	MAN TA 4 DIA T1F CL	60218400	650.99	646.19		645.19						
E19	LAGRANGE AVE	207+83.53	27.51	LT	INLETS TA T24F&G	60237470	650.41		646.24							

MODEL: Default
FILE NAME: I:\166-th-d\dsch02.dgn

BURNS McDONNELL

USER NAME = rjlang	DESIGNED - JAP	REVISED -	
	DRAWN - JAP	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - JR	REVISED -	
PLOT DATE = 9/19/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE SCHEDULE

SCALE: | SHEET 2 OF 4 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	108
		CONTRACT NO. 60R50		
	ILLINOIS FED. AID PROJECT			

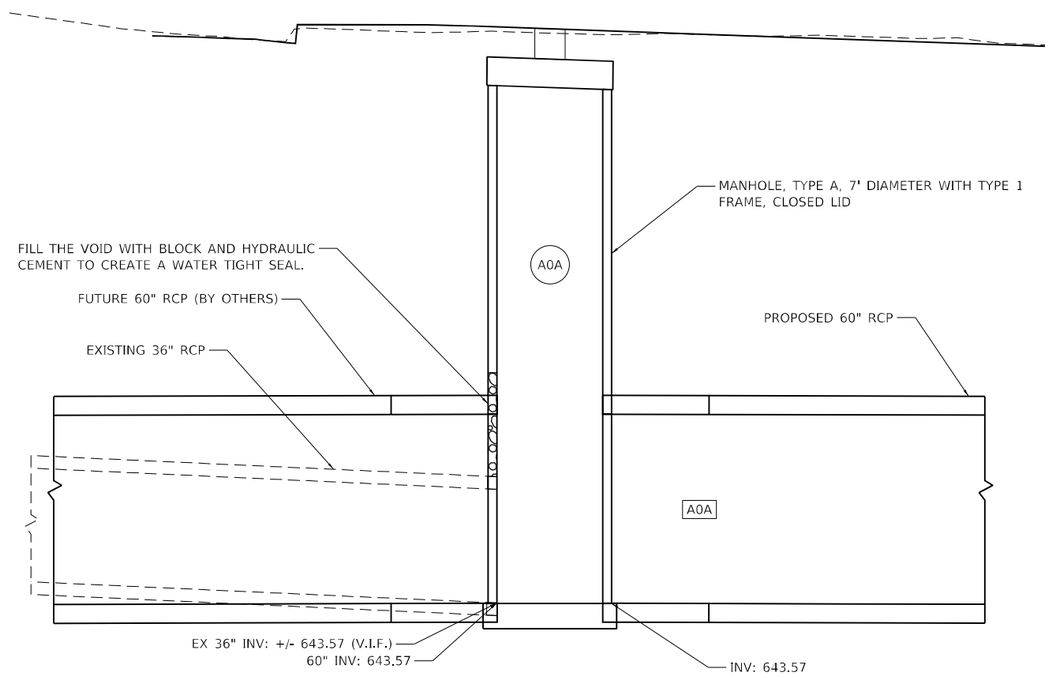
PROPOSED STORM SEWER SCHEDULE

PIPE NO.	PIPE DESCRIPTION	PIPE SIZE (IN)	LENGTH (FT)	SLOPE (%)	FROM STRUCTURE	TO STRUCTURE	PAY ITEM NO.	TRENCH BACKFILL
A0	STORM SEW WM REQ 12	12	26.4	0.90%	A0	A1	Z0056608	5.7
A0A	STORM SEW CL A 2 60	60	217.1	0.10%	A0A	A5	550A0500	544.9
A1	STORM SEW WM REQ 12	12	49.1	0.90%	A1	A2	Z0056608	10.6
A2	STORM SEW WM REQ 12	12	114.3	0.90%	A2	A3	Z0056608	22.3
A3	STORM SEW CL A 2 12	12	46.3	0.90%	A3	A8	550A0340	9.1
A5	STORM SEW WM REQ 60	60	94	0.10%	A5	A8	Z0056630	160.8
A6	STORM SEW CL A 2 12	12	38.6	0.30%	A6	A5	550A0340	28.2
A7	STORM SEW CL A 2 12	12	26	0.50%	A7	A6	550A0340	7.8
A8	STORM SEW CL A 2 60	60	152.6	0.10%	A8	A11	550A0500	210.1
A9	STORM SEW CL A 2 12	12	54.4	0.50%	A9	A10	550A0340	14.1
A9A	STORM SEW WM REQ 12	12	94.9	0.40%	A9A	A9	Z0056608	18.5
A10	STORM SEW CL A 2 12	12	4.6	0.30%	A10	A11	550A0340	1.6
A10A	STORM SEW CL A 2 12	12	47	0.30%	A10A	A10	550A0340	12.2
A11	STORM SEW CL A 2 60	60	87.2	0.10%	A11	A15	550A0500	85.2
A12	STORM SEW CL A 2 12	12	13.7	0.80%	A12	A14	550A0340	2.4
A13	STORM SEW CL A 2 12	12	12.3	0.90%	A13	A14	550A0340	2.2
A14	STORM SEW CL A 2 24	24	24.5	0.30%	A14	A15	550A0410	19.8
A15	STORM SEW WM REQ 60	60	35	0.10%	A15	A20	Z0056630	24.9
A15A	STORM SEW CL A 2 60	60	112.4	0.20%	A15A	A24	550A0500	94.8
A16	STORM SEW WM REQ 12	12	45.7	0.50%	A16	A16A	Z0056608	6.1
A16A	STORM SEW WM REQ 15	15	92.1	0.50%	A16A	A17	Z0056610	15.4
A16B	STORM SEW WM REQ 12	12	16	0.40%	A16B	A16	Z0056608	2.2
A17	STORM SEW WM REQ 15	15	16.9	0.40%	A17	A19	Z0056610	3.3
A18	STORM SEW WM REQ 24	24	37	0.50%	A18	A18A	Z0056616	8.7
A18A	STORM SEW WM REQ 24	24	27.1	0.40%	A18A	A38	Z0056616	7.2
A19	STORM SEW WM REQ 18	18	31.1	0.40%	A19	A18	Z0056612	5.7
A20	STORM SEW CL A 2 60	60	108.2	0.20%	A20	A15A	550A0500	91.3
A21	STORM SEW CL A 2 12	12	23.6	0.40%	A21	A23	550A0340	3.6
A22	STORM SEW CL A 2 12	12	21.2	0.50%	A22	A23	550A0340	3.3
A23	STORM SEW CL A 2 15	15	66	0.50%	A23	A19	550A0360	12.6
A24	STORM SEW WM REQ 60	60	17	0.20%	A24	A25	Z0056630	13.2
A25	STORM SEW CL A 160	60	63.5	0.20%	A25	A38	550A0210	45.1
A26	STORM SEW WM REQ 60	60	59.6	0.10%	A26	A27	Z0056630	62.2
A26B	STORM SEW CL A 2 30	30	9.8	0.30%	A26B	A27	550A0430	8.3
A26C	STORM SEW CL A 2 12	12	35	1.30%	A26C	A26B	550A0340	9.1
A26D	STORM SEW CL A 2 12	12	35.5	0.50%	A26D	A26B	550A0340	10.7
A27	STORM SEW CL A 2 60	60	52.6	0.20%	A27	A27A	550A0500	58.4
A27A	STORM SEW CL A 2 60	60	58.4	0.20%	A27A	A36	550A0500	57.1
A28	STORM SEW CL A 2 12	12	16.7	0.40%	A28	A28A	550A0340	2.6
A28A	STORM SEW CL A 2 15	15	23.5	0.40%	A28A	A37	550A0360	4.5
A29	STORM SEW WM REQ 12	12	42.5	0.40%	A29	A30	Z0056608	6.5
A29A	STORM SEW WM REQ 12	12	10	0.40%	A29A	A30	Z0056608	1.8
A30	STORM SEW CL A 2 15	15	57	0.50%	A30	A33	550A0360	12.2
A31	STORM SEW WM REQ 12	12	27.1	0.50%	A31	A41A	Z0056608	4.2
A32	STORM SEW CL A 2 12	12	46.4	0.30%	A32	A33	550A0340	7.1
A33	STORM SEW CL A 2 15	15	11.5	0.70%	A33	A34	550A0360	2.5
A34	STORM SEW CL A 2 36	36	71.7	0.20%	A34	A35	550A0450	58.6
A35	STORM SEW WM REQ 36	36	109.1	0.20%	A35	A36	Z0056622	116.1
A36	STORM SEW CL A 2 60	60	38	0.20%	A36	A36A	550A0500	39.7
A36A	STORM SEW CL A 2 60	60	208.5	0.20%	A36A	B4	550A0500	245.3
A37	STORM SEW CL A 2 15	15	25.7	0.50%	A37	A36A	550A0360	6.7
A37A	STORM SEW CL A 2 12	12	27	0.90%	A37A	A37	550A0340	4.2
A38	STORM SEW WM REQ 60	60	28	0.10%	A38	A26	Z0056630	21.8
A40	STORM SEW WM REQ 15	15	27	0.90%	A40	A42	Z0056610	3.9
A41	STORM SEW WM REQ 15	15	26	0.70%	A41	A42	Z0056610	5.6
A41A	STORM SEW WM REQ 12	12	36	0.70%	A41A	A41	Z0056608	6.3
A42	STORM SEW CL A 2 24	24	35.5	0.60%	A42	A36A	550A0410	13.7
B1	STORM SEW CL A 1 12	12	28	0.40%	B1	B2	550A0050	4.3
B2	STORM SEW WM REQ 12	12	88.5	0.50%	B2	B4	Z0056608	24.7
B3	STORM SEW CL A 2 12	12	25.1	0.80%	B3	B4	550A0340	4.9
B4	STORM SEW CL A 2 60	60	47.2	0.20%	B4	B33	550A0500	61.9
B5	STORM SEW CL A 2 12	12	41.1	0.30%	B5	B6	550A0340	8.0
B6	STORM SEW CL A 2 15	15	24.8	0.80%	B6	B15	550A0360	7.6
B7	STORM SEW CL A 2 12	12	24.6	0.80%	B7	B38	550A0340	7.9
B8	STORM SEW WM REQ 12	12	35.2	0.70%	B8	B7	Z0056608	6.9
B9	STORM SEW CL A 2 12	12	33.1	0.40%	B9	B8	550A0340	5.1
B10	STORM SEW CL A 2 12	12	28	0.40%	B10	B6	550A0340	5.5
B11	STORM SEW CL A 2 12	12	21	0.40%	B11	B12	550A0340	4.1
B12	STORM SEW CL A 2 12	12	28	0.50%	B12	B14	550A0340	6.1
B13	STORM SEW CL A 2 12	12	31.1	0.90%	B13	B14	550A0340	5.4
B14	STORM SEW CL A 2 15	15	27.5	0.80%	B14	B15	550A0360	9.1
B15	STORM SEW CL A 2 60	60	52.8	0.10%	B15	B35	550A0500	76.2
B16	STORM SEW CL A 2 12	12	18.3	0.40%	B16	B17	550A0340	3.6
B17	STORM SEW WM REQ 12	12	18	0.40%	B17	B18	Z0056608	3.6
B18	STORM SEW WM REQ 15	15	27.8	0.40%	B18	B20	Z0056610	6.6
B19	STORM SEW CL A 2 12	12	12.8	0.80%	B19	B20	550A0340	2.0
B20	STORM SEW CL A 2 18	18	37.2	0.40%	B20	B24	550A0380	11.5
B21	STORM SEW CL A 2 12	12	42	0.40%	B21	B22	550A0340	8.2
B22	STORM SEW CL A 2 12	12	8.8	0.30%	B22	B23	550A0340	1.6
B23	STORM SEW WM REQ 12	12	28.3	0.60%	B23	B20	Z0056608	5.0
B24	STORM SEW CL A 2 60	60	119.4	0.10%	B24	B41	550A0500	188.3
B25	STORM SEW CL A 2 12	12	67	0.40%	B25	B26	550A0340	10.3
B26	STORM SEW CL A 2 15	15	20.1	0.40%	B26	B27	550A0360	3.9
B27	STORM SEW CL A 1 15	15	9.1	0.80%	B27	ExMH	550A0070	1.1
B28	STORM SEW CL A 2 12	12	25	0.50%	B28	B29	550A0340	4.9
B29	STORM SEW WM REQ 12	12	62	0.50%	B29	B30	Z0056608	16.0
B30	STORM SEW CL A 2 60	60	119	0.10%	B30	C8	550A0500	219.4
B31	STORM SEW CL A 2 12	12	21	0.40%	B31	B10	550A0340	4.1
B32	STORM SEW WM REQ 12	12	47	0.40%	B32	B11	Z0056608	9.2
B33	STORM SEW WM REQ 60	60	18.4	0.20%	B33	B34	Z0056630	24.1
B34	STORM SEW CL A 2 60	60	83.4	0.20%	B34	B15	550A0500	120.4
B35	STORM SEW WM REQ 60	60	24.6	0.10%	B35	B36	Z0056630	33.9
B36	STORM SEW CL A 2 60	60	66.5	0.10%	B36	B37	550A0500	96.0
B37	STORM SEW WM REQ 60	60	23.1	0.10%	B37	B38	Z0056630	38.0
B38	STORM SEW CL A 2 60	60	207.4	0.10%	B38	B39	550A0500	340.8
B39	STORM SEW WM REQ 60	60	20.4	0.10%	B39	B40	Z0056630	32.2
B40	STORM SEW CL A 2 60	60	56.7	0.10%	B40	B24	550A0500	85.7
B41	STORM SEW WM REQ 60	60	20.1	0.10%	B41	B42	Z0056630	33.1
B42	STORM SEW CL A 2 60	60	173	0.10%	B42	B30	550A0500	307.4
B43	STORM SEW CL A 2 12	12	11.3	0.90%	B43	B18	550A0340	1.8

PROPOSED STORM SEWER SCHEDULE

PIPE NO.	PIPE DESCRIPTION	PIPE SIZE (IN)	LENGTH (FT)	SLOPE (%)	FROM STRUCTURE	TO STRUCTURE	PAY ITEM NO.	TRENCH BACKFILL
C0	STORM SEW CL A 2 12	12	9	0.50%	C0	C1	550A0340	2.4
C1	STORM SEW CL A 2 12	12	41	0.50%	C1	C3	550A0340	11.5
C2	STORM SEW WM REQ 12	12	36.5	0.50%	C2	C3	Z0056608	10.2
C3	STORM SEW CL A 2 15	15	27.6	0.50%	C3	C8	550A0360	9.1
C4	STORM SEW CL A 2 12	12	42	0.40%	C4	C6	550A0340	6.5
C5	STORM SEW WM REQ 12	12	37	0.40%	C5	C6	Z0056608	5.7
C6	STORM SEW CL A 2 15	15	17.5	0.70%	C6	C8	550A0360	4.2
C7	STORM SEW CL A 2 12	12	6.5	0.30%	C7	C6	550A0340	1.2
C8	STORM SEW WM REQ 60	60	44.2	0.10%	C8	C20	Z0056630	81.5
C9	STORM SEW CL A 2 12	12	44.6	0.40%	C9	C14	550A0340	6.9
C10	STORM SEW CL A 2 12	12	9.5	0.80%	C10	C14	550A0340	1.7
C11	STORM SEW CL A 2 12	12	25	0.40%	C11	C12	550A0340	3.9
C12	STORM SEW WM REQ 12	12	48.4	0.50%	C12	C13	Z0056608	11.5
C13	STORM SEW CL A 2 15	15	17.4	0.70%	C13	C19	550A0360	6.2
C14	STORM SEW CL A 2 15	15	86.9	0.50%	C14	C13	550A0360	24.6
C15	STORM SEW CL A 2 12	12	13.1	1.00%	C15	C16	550A0340	2.0
C16	STORM SEW CL A 2 12	12	17.4	1.00%	C16	C17	550A0340	3.1
C17	STORM SEW CL A 2 12	12	29	0.50%	C17	C21	550A0340	8.7
C18	STORM SEW CL A 1 15	15	23.7	1.00%	C18	C17	550A0070	4.0
C19	STORM SEW CL A 2 60	60	83.3	0.10%	C19	EX MH	550A0500	164.7
C20	STORM SEW CL A 2 60	60	329.3	0.10%	C20	C21	550A0500	628.9
C21	STORM SEW CL A 2 60	60	82	0.10%	C21	C19	550A0500	151.2
D0	STORM SEW CL A 1 12	12	42.8	0.50%	D0	D1	550A0050	5.7
D1	STORM SEW CL A 2 12	12	51	0.50%	D1	D3	550A0340	10.0
D2	STORM SEW CL A 2 12	12	51	0.40%	D2	D4	550A0340	7.8
D3	STORM SEW CL A 2 12	12	138	0.50%	D3	D4	550A0340	26.9
D5	STORM SEW CL A 2 18	18	5.6	0.20%	D5	D7	550A0380	1.2
D7	STORM SEW CL A 2 18	18	57.1	0.40%	D7	D8	550A0380	11.8
D8	STORM SEW CL A 2 18	18	3.9	0.20%	D8	D9	550A0380	0.9
D9	STORM SEW CL A 2 18	18	149.3	0.50%	D9	D11	550A0380	49.7
D10	STORM SEW CL A 2 12	12	1.7	0.90%	D10	D11	550A0340	0.5
D11	STORM SEW WM REQ 18	18	51.8	0.50%	D11	D12	Z0056612	22.5
D11A	STORM SEW WM REQ 12	12	19.9	0.50%	D11A	D12	Z0056608	6.4
D11B	STORM SEW WM REQ 12	12	30	0.50%	D11B	D11A	Z0056608	7.1
D12	STORM SEW CL A 2 24	24	34.6	0.50%	D12	D16	550A0410	30.7
D13	STORM SEW CL A 2 12	12	49.3	0.90%	D13	D15	550A0340	8.6
D14	STORM SEW CL A 1 12	12	25.5	0.90%	D14	D14A	550A0050	3.4
D14A	STORM SEW CL A 2 12	12	25	0.40%	D14A	D15A	550A0340	3.9
D14B	STORM SEW CL A 2 15	15	5.7	0.60%	D14B	D15	550A0360	1.3
D14C	STORM SEW CL A 2 12	12	11.5	0.30%	D14C	D14A	550A0340	1.8
D15	STORM SEW CL A 2 18	18	35.4	0.90%	D15	D16	550A0380	12.7
D15A	STORM SEW CL A 2 15	15	6.2	0.60%	D15A	D14B	550A0360	1.2
D16	STORM SEW CL A 2 30	30	186.1	0.40%	D16	D17	550A0430	240.6
D17	STORM SEW CL A 2 30	30	199.3	0.40%	D17	D20	550A0430	248.7
D18	STORM SEW CL A 2 12	12	26	0.90%	D18	D20	550A0340	5.1
D18A	STORM SEW CL A 1 12	12	47.1	0.90%	D18A	D18	550A0050	7.2
D19	STORM SEW CL A 2 12	12	35	0.90%	D19	D20	550A0340	6.9
D19A	STORM SEW CL A 1 12	12	47.2	0.90%	D19A	D19	550A0050	7.2
D20	STORM SEW CL A 2 30	30	200.3	0.50%	D20	A26B	550A0430	195.7
D20A	STORM SEW CL A 2 12	12	102.1	1.20%	D20A	A26C	550A0340	17.8
E1	STORM SEW WM REQ 12	12	37	0.40%	E1	A30	Z0056608	5.7
E2	STORM SEW CL A 2 12	12	37.2	0.40%	E2	A33	550A0340	5.7
E4	STORM SEW CL A 2 36	36	271.4	0.20%	E4	A34	550A0450	208.3
E5	STORM SEW WM REQ 12	12	8.7	0.40%	E5	E8	Z0056608	1.4
E6	STORM SEW WM REQ 12	12	29	0.60%	E6	E8	Z0056608	4.5
E7	STORM SEW WM REQ 12	12	39.8	0.50%	E7	E8	Z0056608	6.1
E8	STORM SEW CL A 2 15	15	53.9	0.50%	E8	E10	550A0360	11.5
E10	STORM SEW CL A 2 18	18	10.2	0.60%	E10	E4	550A0380	2.9
E10A	STORM SEW CL A 2 12	12	20.8	0.70%	E10A	E10	550A0340	3.2
E10B	STORM SEW CL A 2 12	12	28.8	0.50%	E10B	E10	550A0340	4.4
E11	STORM SEW CL A 2 36	36	92	0.20%	E11	E4	550A0450	61.6
E12	STORM SEW CL A 2 36	36	136.5	0.10%	E12	E11	550A0450	91.3
E15	STORM SEW CL A 2 30	30	51.9	0.40%	E15	E12	550A0430	43.7
E16	STORM SEW CL A 2 24	24	8.5	0.60%	E16	E15	550A0410	2.8
E16A	STORM SEW CL A 2 12	12	13	0.80%	E16A	E16	550A0340	2.0
E16B	STORM SEW CL A 2 12	12	14.9	0.70%	E16B	E16	550A0340	2.3
E17	STORM SEW CL A 2 24	24	51	0.80%	E17	E16	550A0410	13.5
E17A	STORM SEW CL A 2 12	12	14.4	0.70%	E17A	E17	550A0340	2.2
E18	STORM SEW CL A 2 24	24	4.3	0.40%	E18	E17	550A0410	1.3
E19	STORM SEW CL A 2 12	12	13.2	0.80%	E19	E17	550A0340	2.1

PIPE UNDERDRAIN SCHEDULE								
ALIGNMENT	UPSTREAM		DOWNSTREAM			LENGTH	PAY ITEM	PAY ITEM DESCRIPTION
	STATION	OFFSET	STRUCTURE	STATION	OFFSET			
55TH ST	89+91.00	30.0' RT	A1	91+78.00	33.0' RT	188	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
55TH ST	90+13.00	30.0' LT	A6	92+71.00	57.5' LT	273	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
55TH ST	92+51.00	30.0' RT	A3	93+45.00	28.0' RT	95	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
55TH ST	93+32.00	30.0' LT	A10	95+05.00	28.5' LT	174	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
55TH ST	93+48.00	30.5' RT	A9	95+05.00	30.0' RT	157	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
55TH ST	95+09.00	31.0' LT	A10A	95+54.00	31.0' LT	45	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
55TH ST	95+10.00	32.5' RT	A9A	96+03.00	31.0' RT	94	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
55TH ST	96+44.46	34.5' LT	A23	97+98.40	35.7' LT	154	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
55TH ST	96+93.37	41.2' RT	A19	97+98.40	36.2' RT	105	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
55TH ST	98+72.67	40.7' LT	A23	97+98.40	35.7' LT	75	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
55TH ST	98+72.67	40.7' LT	A30	99+69.37	199.1' LT	226	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
55TH ST	99+60.87	92.1' RT	A19	97+98.40	36.2' RT	417	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
55TH ST	100+46.25	91.2' RT	A37	101+30.00	26.1' RT	114	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
55TH ST	100+66.50	59.9' LT	A33	100+30.66	199.6' LT	149	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
55TH ST	100+66.50	59.9' LT	A42	101+30.00	47.0' LT	66	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
55TH ST	102+86.97	49.6' LT	A42	101+30.00	47.0' LT	157	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
55TH ST	103+40.68	27.6' RT	A37	101+30.00	26.1' RT	211	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
55TH ST	103+76.97	38.6' LT	B6	105+15.42	35.8' LT	140	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
55TH ST	103+77.62	27.6' RT	B3	103+44.50	25.0' RT	33	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
55TH ST	103+77.62	27.6' RT	B14	105+15.42	27.5' RT	138	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
55TH ST	106+19.66	37.9' LT	B6	105+15.42	35.8' LT	105	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
55TH ST	108+09.24	30.1' RT	B14	105+15.42	27.5' RT	294	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
55TH ST	108+50.75	33.4' LT	B7	107+09.63	34.4' LT	141	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
55TH ST	108+09.24	30.1' RT	B17	109+70.00	34.2' LT	119	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
55TH ST	108+50.75	33.4' LT	B26	110+24.59	27.8' RT	216	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
55TH ST	112+90.01	31.6' LT	B22	110+55.00	29.0' LT	235	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
55TH ST	113+14.00	30.6' RT	B26	110+24.59	27.8' RT	290	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
55TH ST	113+14.00	30.6' RT	C3	114+75.00	28.0' RT	161	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
55TH ST	113+76.74	31.6' LT	C6	114+75.00	29.0' LT	99	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
55TH ST	116+69.00	30.6' RT	C3	114+75.00	28.0' RT	194	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
55TH ST	116+69.00	31.6' LT	C6	114+75.00	29.0' LT	194	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
55TH ST	116+69.00	30.6' RT	C17	118+62.62	29.5' RT	194	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
55TH ST	116+69.00	31.6' LT	C14	118+62.62	29.0' LT	194	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
55TH ST	119+53.50	33.3' LT	C17	118+62.62	29.5' RT	285	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
55TH ST	120+41.46	33.3' RT	C14	118+62.62	29.0' LT	179	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
LAGRANGE AVE	189+41.25	30.1' RT	D2	188+03.00	27.5' RT	139	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
LAGRANGE AVE	189+41.94	30.1' LT	D4	188+03.00	27.5' LT	139	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
LAGRANGE AVE	190+90.85	30.1' LT	D3	189+45.00	27.5' LT	146	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
LAGRANGE AVE	191+16.95	30.7' RT	D1	189+45.00	27.5' RT	173	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
LAGRANGE AVE	192+44.76	31.2' LT	D8	190+95.00	27.5 LT	150	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
LAGRANGE AVE	192+55.92	34.2' RT	D7	191+20.00	28.2' RT	137	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
LAGRANGE AVE	192+89.45	34.7' RT	D13	192+58.97	31.7' RT	31	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
LAGRANGE AVE	192+90.12	31.5' LT	D10	192+48.50	28.6' LT	42	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
LAGRANGE AVE	194+36.80	31.6' LT	D11B	193+53.20	59.3' LT	98	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
LAGRANGE AVE	194+36.80	34.6' RT	D14	193+63.92	37.1' RT	71	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
LAGRANGE AVE	194+36.80	31.6' LT	D18	197+00.00	29.0' LT	264	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
LAGRANGE AVE	194+36.80	34.6' RT	D19	197+00.00	41.0' RT	264	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
LAGRANGE AVE	197+03.13	43.7' RT	A26D	199+05.00	43.8' RT	202	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
LAGRANGE AVE	197+03.72	31.6' LT	D20A	198+00.00	29.9' LT	97	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
LAGRANGE AVE	198+04.08	31.6' LT	A26C	199+05.00	36.6' LT	102	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
LAGRANGE AVE	203+50.00	31.6' LT	A30	201+99.38	29.0' LT	151	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
LAGRANGE AVE	203+50.00	31.6' RT	A33	201+99.38	32.0' RT	151	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
LAGRANGE AVE	201+99.38	29.0' LT	E8	204+70.00	28.8' LT	121	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
LAGRANGE AVE	201+99.38	32.0' RT	E10	204+70.00	30.1' RT	121	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
LAGRANGE AVE	206+27.76	30.1' RT	E10	204+70.00	30.1' RT	158	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
LAGRANGE AVE	206+79.70	30.1' LT	E8	204+70.00	28.8' LT	210	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
LAGRANGE AVE	206+79.70	30.1' LT	E17	207+67.37	27.5' LT	88	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
LAGRANGE AVE	207+17.76	30.1' RT	E15	207+67.37	27.5' RT	50	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
LAGRANGE AVE	208+77.45	29.1' LT	E17	207+67.37	27.5' LT	111	60108204	PIPE UNDERDRAINS, TYPE 2, 4"
LAGRANGE AVE	209+06.84	29.1' RT	E15	207+67.37	27.5' RT	140	60108204	PIPE UNDERDRAINS, TYPE 2, 4"



MANHOLE (SPECIAL) DETAIL

SCALE: NTS

NOTE: STRUCTURE TO BE FABRICATED WITH OPENING FOR A FUTURE 60" RCP PIPE. THE EXISTING 36" RCP SHALL BE INSERTED INTO THE 60" OPENING. THE VOID BETWEEN THE PIPE AND THE OPENING SHALL BE FILLED WITH BLOCK AND HYDRAULIC CEMENT TO CREATE A WATER TIGHT SEAL.

MODEL: Default
FILE NAME: 121166-fm-drainsch-04.dgn

BURNS McDONNELL

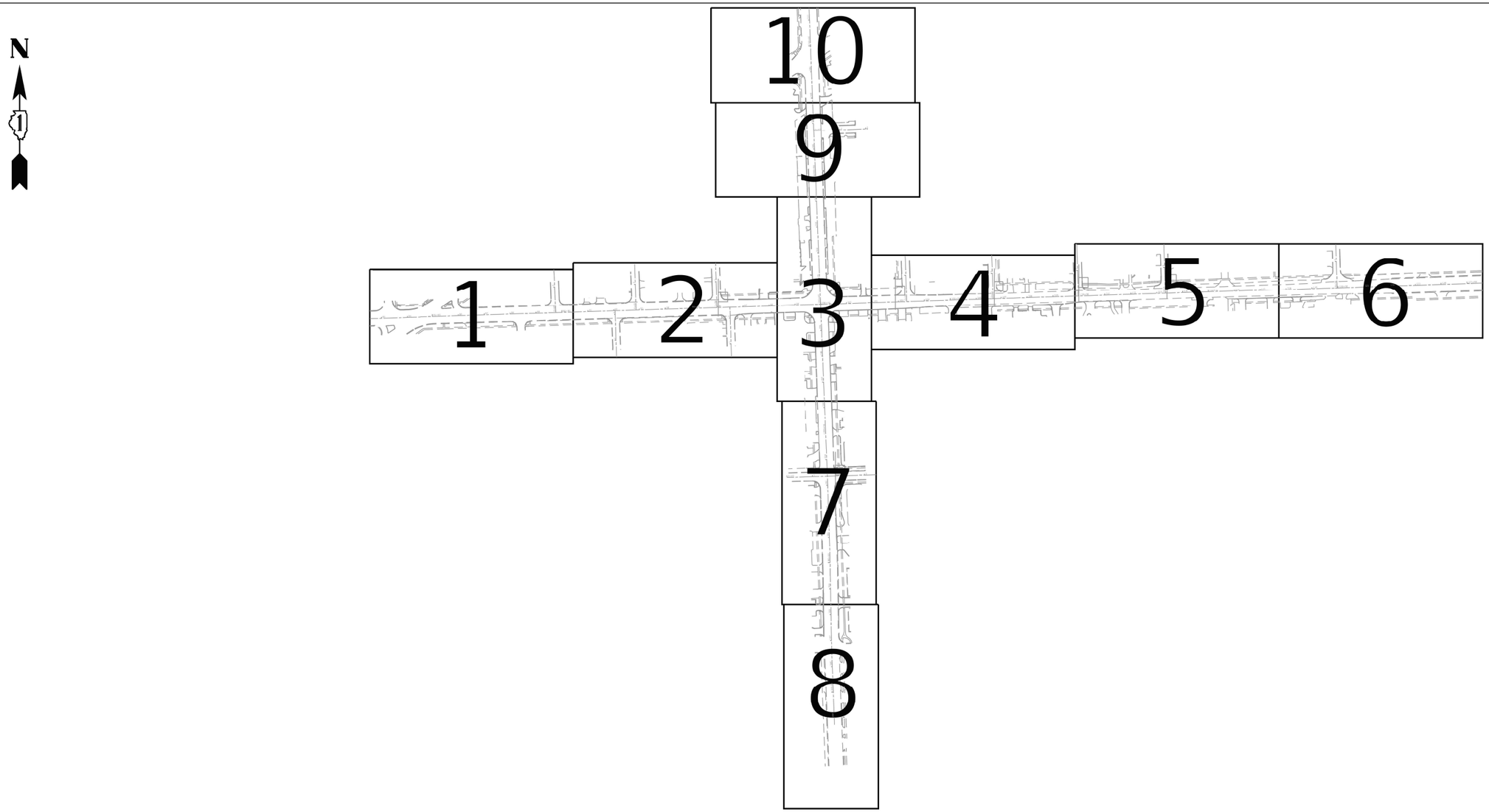
USER NAME = rjiang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - HTS	REVISED -	
PLOT DATE = 9/19/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE SCHEDULE

SCALE: | SHEET 4 OF 4 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	110
		CONTRACT NO. 60R50		
	ILLINOIS FED. AID PROJECT			



ASCE STANDARDS OF DEPICTION OF SUBSURFACE UTILITIES

QUALITY LEVEL A (QLA)
PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE (OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) USING MINIMALLY INTRUSIVE EXCAVATION EQUIPMENT TO MINIMIZE POTENTIAL FOR UTILITY DAMAGE, AND SUBSEQUENT MEASURMENT OF THE SUBSURFACE UTILITIES WITH OTHER UTILITY ATTRIBUTES SUCH AS TYPE, SIZE & MATERIAL OF UTILITY.

QUALITY LEVEL B (QLB)
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QUALITY LEVEL C (QLC)
INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE-GROUND UTLITY FEATURES AND BY USING PROFESSIONAL JUDGEMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D INFORMATION.

QUALITY LEVEL D (QLD)
INFORMATION DERIVED FROM EXISITNG RECORDS OR ORAL RECOLLECTIONS.

GENERAL NOTES:

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FIELD LOCATED UTILITIES MEET THE FEDERAL HIGHWAY ADMINISTRATION DEFINITION FOR "QUALITY LEVEL B" (QLB) STANDARDS.

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CTV	- CABLE TV
T	- TELEPHONE
G	- GAS
E	- ELECTRIC
E	- TRAFFIC SIGNAL/LIGHTING
W	- WATER
	- FORCE MAIN
FO	- FIBER OPTIC
EOI	- END OF INFORMATION
ED	- ELECTRONIC DEPTH

JOHN J. BELLIS
062-044796
REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

signature

6/18/2020
date

license expires 11/30/2021

SANCHEZ
Sanchez & Associates, P.C.
8604 W. Catalpa Avenue, Suite 912
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2001 Butterfield Road, Suite 410
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Fax No. (630) 307-7030
Cert No. 6091 - LB No. 7055

USER NAME = Carlos.Alvarez	DESIGNED -		REVISED -
	DRAWN - CA		REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED - EG		REVISED -
PLOT DATE = 6/18/2020	DATE -		REVISED -

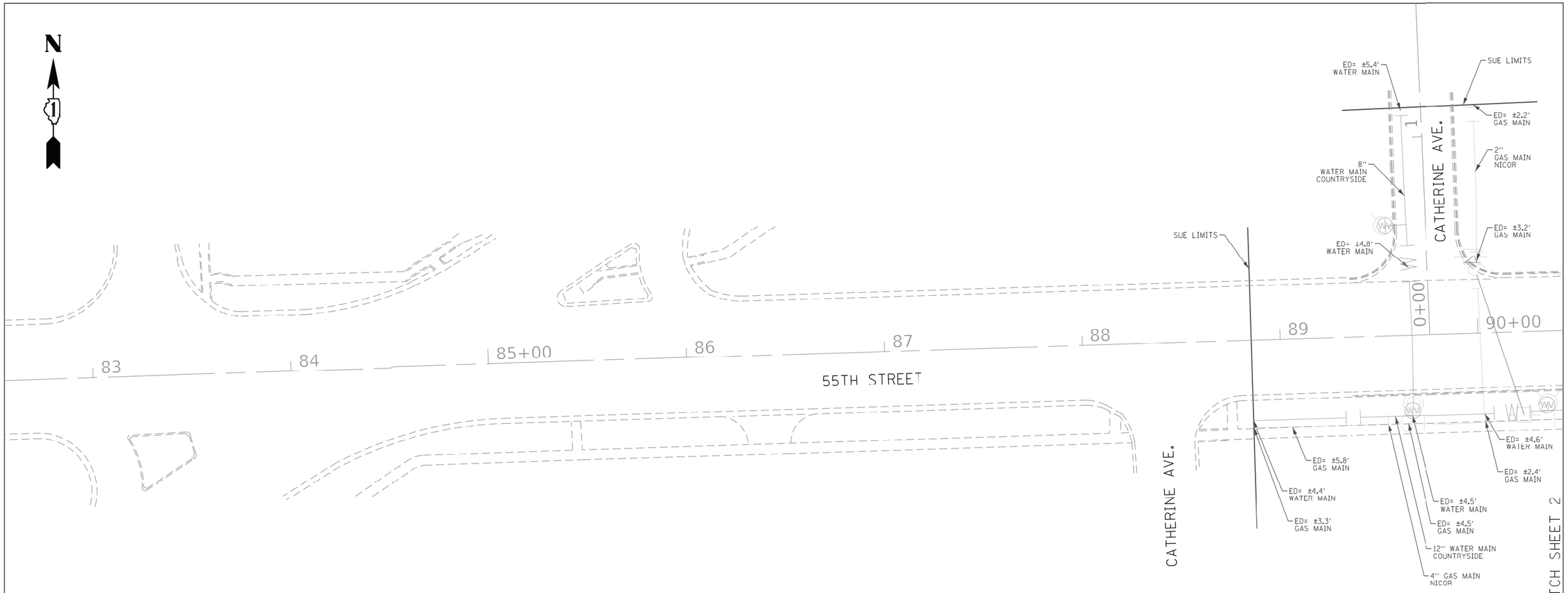
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET AT LA GRANGE ROAD
COUNTRYSIDE, ILLINOIS

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0104WRS&N-11	COOK	277	111
		CONTRACT NO. P9100219		
	ILLINOIS FED. AID PROJECT			

IDOT W.O. 229



ASCE STANDARDS OF DEPICTION OF SUBSURFACE UTILITIES

QUALITY LEVEL A (QLA)
PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE (OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) USING MINIMALLY INTRUSIVE EXCAVATION EQUIPMENT TO MINIMIZE POTENTIAL FOR UTILITY DAMAGE, AND SUBSEQUENT MEASURMENT OF THE SUBSURFACE UTILITIES WITH OTHER UTILITY ATTRIBUTES SUCH AS TYPE, SIZE & MATERIAL OF UTILITY.

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QUALITY LEVEL C (QLC)
INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE-GROUND UTLITY FEATURES AND BY USING PROFESSIONAL JUDGEMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D INFORMATION.

QUALITY LEVEL D (QLD)
INFORMATION DERIVED FROM EXISITNG RECORDS OR ORAL RECOLLECTIONS.

GENERAL NOTES:

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FIELD LOCATED UTILITIES MEET THE FEDERAL HIGHWAY ADMINISTRATION DEFINITION FOR "QUALITY LEVEL B" (QLB) STANDARDS.

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- T — TELEPHONE
- G — GAS
- E — ELECTRIC
- E — TRAFFIC SIGNAL/LIGHTING
- W — WATER
- FORCE MAIN
- FO — FIBER OPTIC
- TEST HOLE
- EOI — END OF INFORMATION
- ED — ELECTRONIC DEPTH

JOHN J. BELLIS
062-044796
REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

signature

6/18/2020
date

license expires 11/30/2021

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Fax No. (630) 307-7030
Cert No. 6091 - LB No. 7055

USER NAME = Carlos.Alvarez	DESIGNED -	REVISED -	
	DRAWN - CA	REVISED -	
PLOT SCALE = 50.0000 ' / in.	CHECKED - EG	REVISED -	
PLOT DATE = 6/18/2020	DATE -	REVISED -	

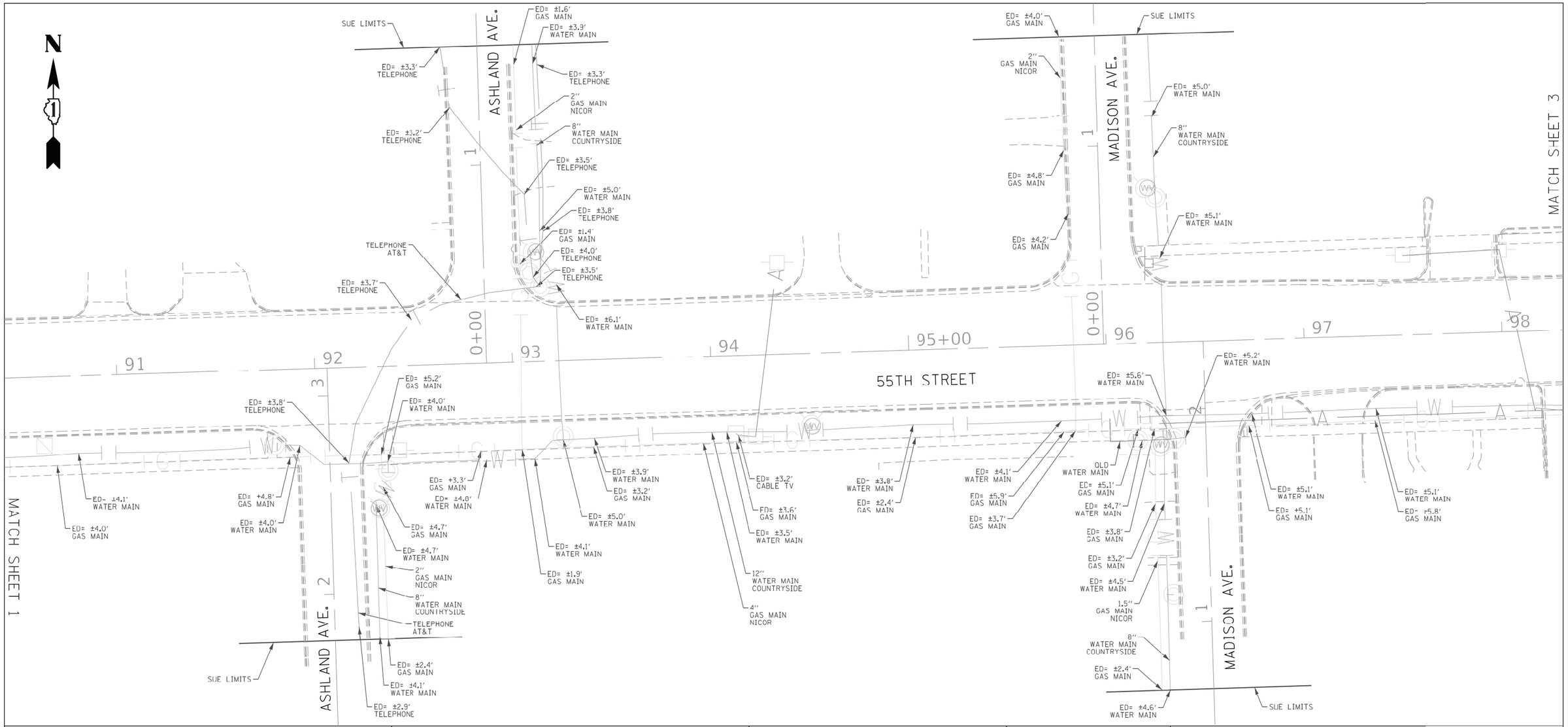
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET AT LA GRANGE ROAD
COUNTRYSIDE, ILLINOIS

SCALE: | SHEET 1 OF 10 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0104WRS&N-11	COOK	277	112
		CONTRACT NO. P9100219		
	ILLINOIS FED. AID PROJECT			

IDOT W.O. 229



ASCE STANDARDS OF DEPICTION OF SUBSURFACE UTILITIES

QUALITY LEVEL A (QLA)
PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE (OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) USING MINIMALLY INTRUSIVE EXCAVATION EQUIPMENT TO MINIMIZE POTENTIAL FOR UTILITY DAMAGE, AND SUBSEQUENT MEASURMENT OF THE SUBSURFACE UTILITIES WITH OTHER UTILITY ATTRIBUTES SUCH AS TYPE, SIZE & MATERIAL OF UTILITY.

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INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE-GROUND UTLITY FEATURES AND BY USING PROFESSIONAL JUDGEMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D INFORMATION.

QUALITY LEVEL D (QLD)
INFORMATION DERIVED FROM EXISITNG RECORDS OR ORAL RECOLLECTIONS.

GENERAL NOTES:

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FIELD LOCATED UTILITIES MEET THE FEDERAL HIGHWAY ADMINISTRATION DEFINITION FOR "QUALITY LEVEL B" (QLB) STANDARDS.

UTILITY SIZE AND INFORMATION IS BASED ON BEST AVAILABLE FIELD AND RECORD INFORMATION.

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signature

6/18/2020
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USER NAME = Carlos.Alvarez	DESIGNED -	REVISED -	
	DRAWN - CA	REVISED -	
PLOT SCALE = 50.0000 ' / in.	CHECKED - EG	REVISED -	
PLOT DATE = 6/18/2020	DATE -	REVISED -	

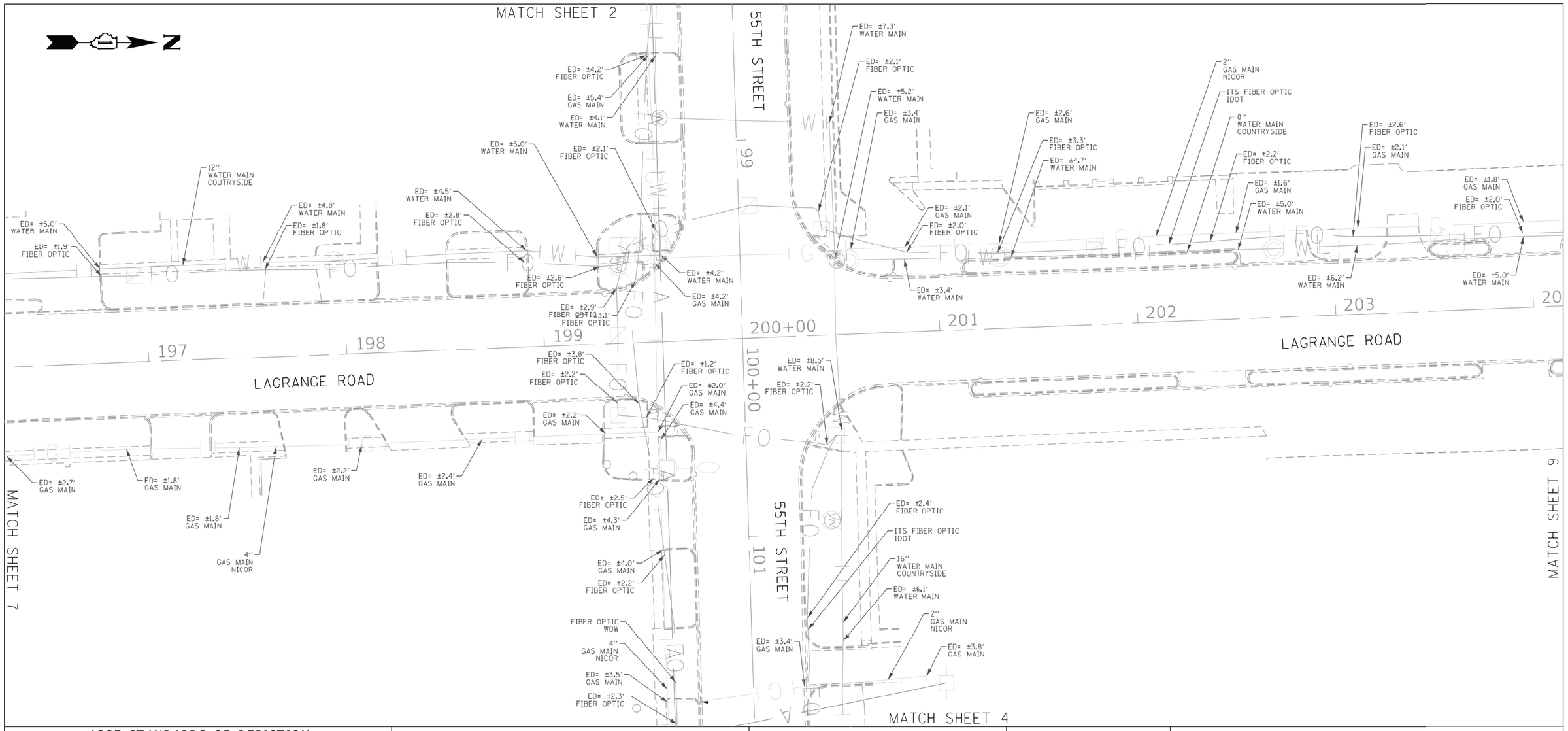
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET AT LA GRANGE ROAD
COUNTRYSIDE, ILLINOIS

SCALE: | SHEET 2 OF 10 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0104WRS&N-11	COOK	277	113
		CONTRACT NO. P9100219		
	ILLINOIS FED. AID PROJECT			

IDOT W.O. 229



ASCE STANDARDS OF DEPICTION OF SUBSURFACE UTILITIES

QUALITY LEVEL A (QLA)
PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE (OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) USING MINIMALLY INTRUSIVE EXCAVATION EQUIPMENT TO MINIMIZE POTENTIAL FOR UTILITY DAMAGE, AND SUBSEQUENT MEASURMENT OF THE SUBSURFACE UTILITIES WITH OTHER UTILITY ATTRIBUTES SUCH AS TYPE, SIZE & MATERIAL OF UTILITY.

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QUALITY LEVEL D (QLD)
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FIELD LOCATED UTILITIES MEET THE FEDERAL HIGHWAY ADMINISTRATION DEFINITION FOR "QUALITY LEVEL B" (QLB) STANDARDS.

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	- FORCE MAIN
FO	- FIBER OPTIC
	- TEST HOLE
EOI	- END OF INFORMATION
ED	- ELECTRONIC DEPTH

JOHN J. BELLIS
062-044796
REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

John J. Bellis
signature

6/18/2020
date

license expires 11/30/2021

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Fax No. (630) 307-7030
Cert No. 6091 - LB No. 7055

USER NAME = Carlos.Alvarez	DESIGNED -		REVISED -
	DRAWN - CA		REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED - EG		REVISED -
PLOT DATE = 6/18/2020	DATE -		REVISED -

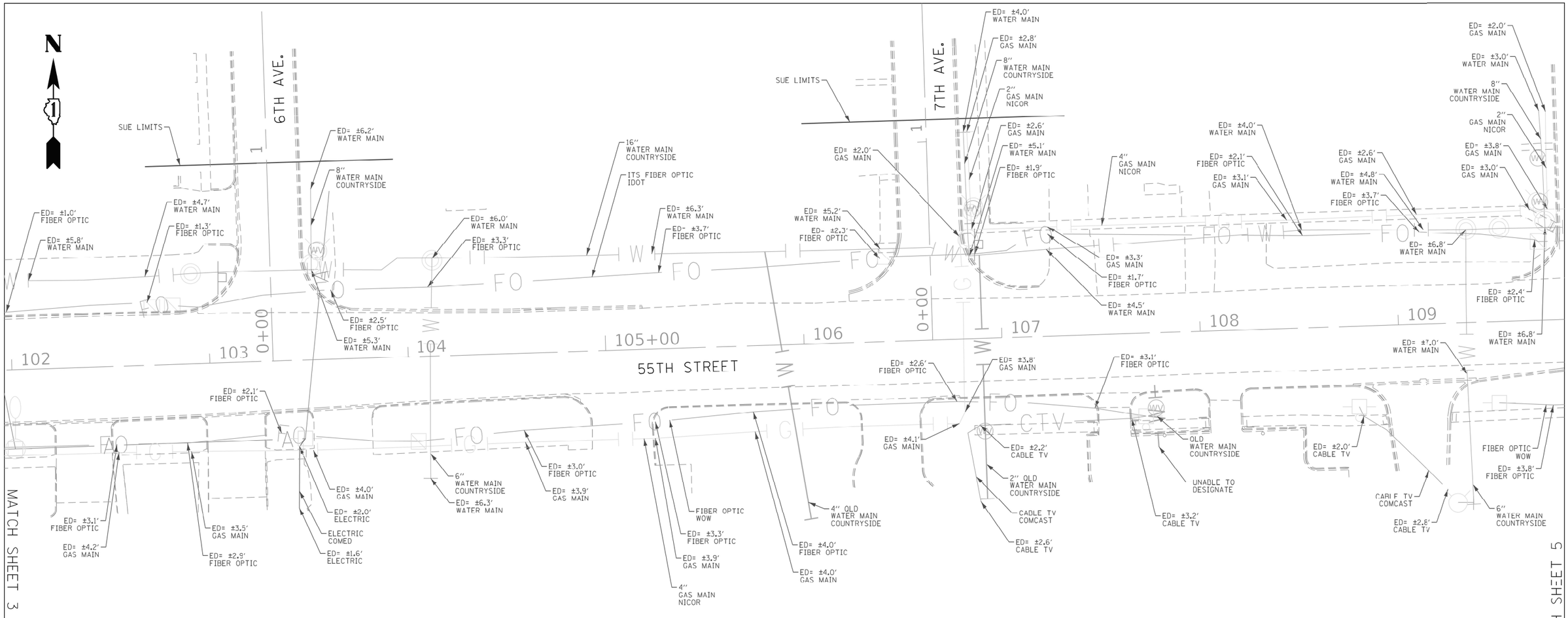
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET AT LA GRANGE ROAD
COUNTRYSIDE, ILLINOIS

SCALE: | SHEET 3 OF 10 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0104WRS&N-11	COOK	277	114
		CONTRACT NO. P9100219		
	ILLINOIS FED. AID PROJECT			

IDOT W.O. 229



ASCE STANDARDS OF DEPICTION OF SUBSURFACE UTILITIES

QUALITY LEVEL A (QLA)
PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE (OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) USING MINIMALLY INTRUSIVE EXCAVATION EQUIPMENT TO MINIMIZE POTENTIAL FOR UTILITY DAMAGE, AND SUBSEQUENT MEASURMENT OF THE SUBSURFACE UTILITIES WITH OTHER UTILITY ATTRIBUTES SUCH AS TYPE, SIZE & MATERIAL OF UTILITY.

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QUALITY LEVEL C (QLC)
INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE-GROUND UTLITY FEATURES AND BY USING PROFESSIONAL JUDGEMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D INFORMATION.

QUALITY LEVEL D (QLD)
INFORMATION DERIVED FROM EXISITNG RECORDS OR ORAL RECOLLECTIONS.

GENERAL NOTES:

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UTILITY LEGEND:

- A — *AERIAL*
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- CTV — *CABLE TV*
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- E — *ELECTRIC*
- E — *TRAFFIC SIGNAL/LIGHTING*
- W — *WATER*
- — *FORCE MAIN*
- FO — *FIBER OPTIC*
- *TEST HOLE*
- EOI — *END OF INFORMATION*
- *ED* — *ELECTRONIC DEPTH*

JOHN J. BELLIS
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

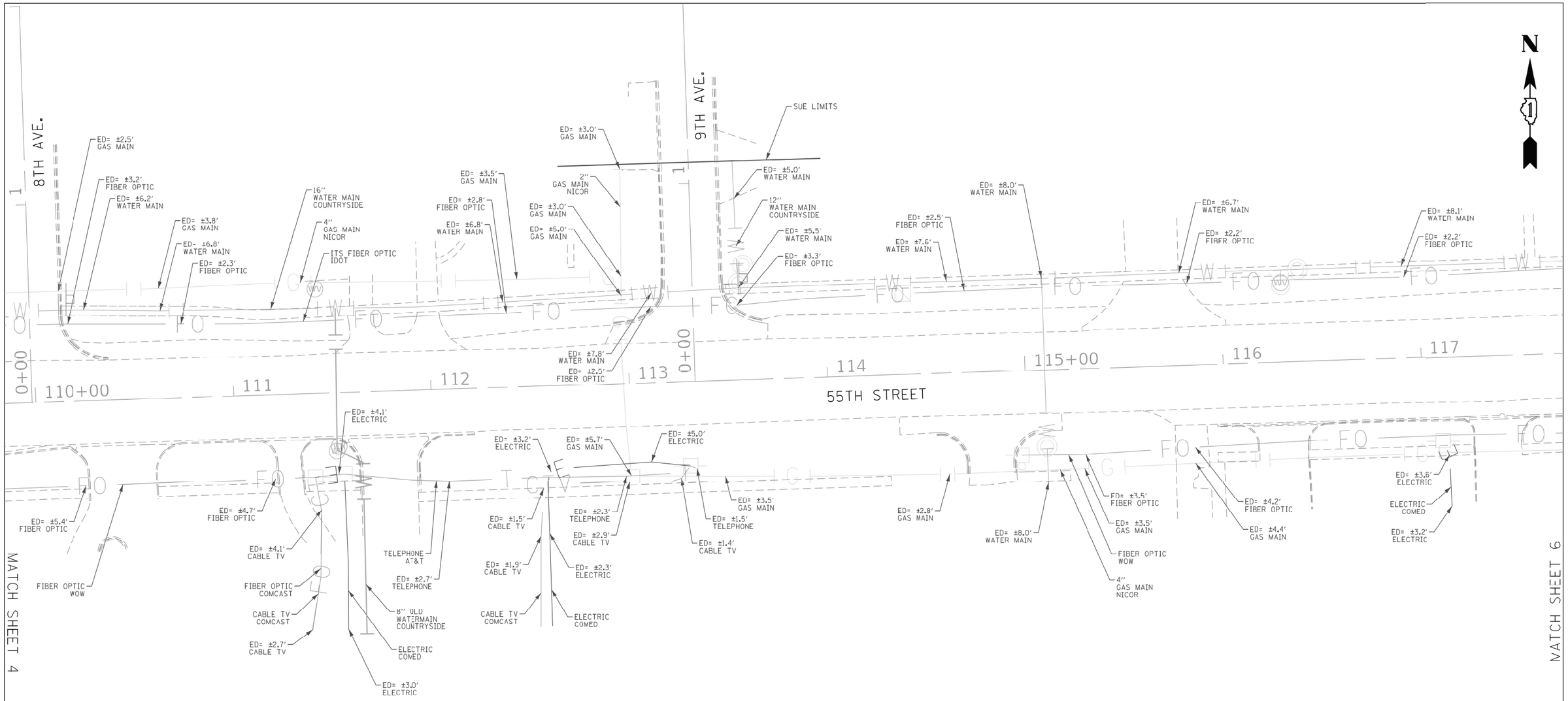
55TH STREET AT LA GRANGE ROAD
COUNTRYSIDE, ILLINOIS

SCALE: | SHEET 4 OF 10 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0104WRS&N-11	COOK	277	115

CONTRACT NO. P9100219
ILLINOIS | FED. AID PROJECT

IDOT W.O. 229



ASCE STANDARDS OF DEPICTION OF SUBSURFACE UTILITIES

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QUALITY LEVEL D (QLD)
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PLOT DATE = 6/18/2020	DATE -		REVISED -

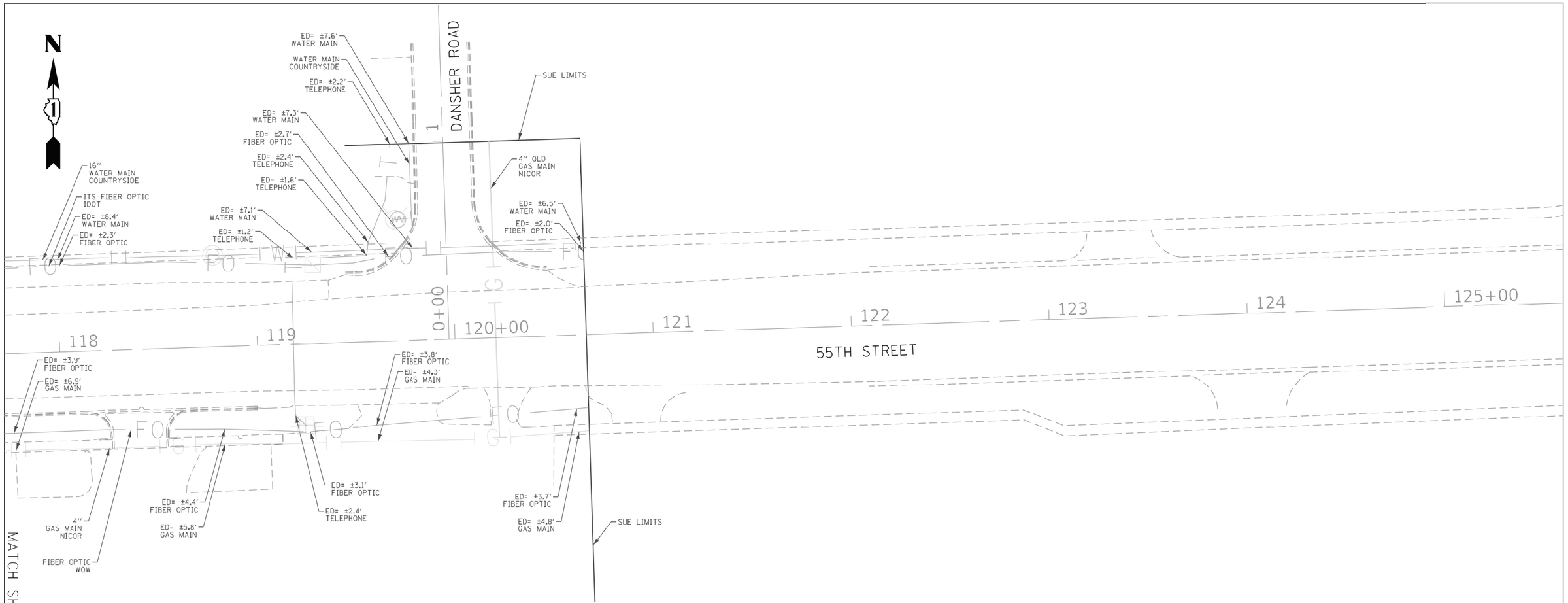
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET AT LA GRANGE ROAD
COUNTRYSIDE, ILLINOIS

SCALE: | SHEET 5 OF 10 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0104WRS&N-11	COOK	277	116
		CONTRACT NO. P9100219		
	ILLINOIS FED. AID PROJECT			

IDOT W.O. 229



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John J. Bellis
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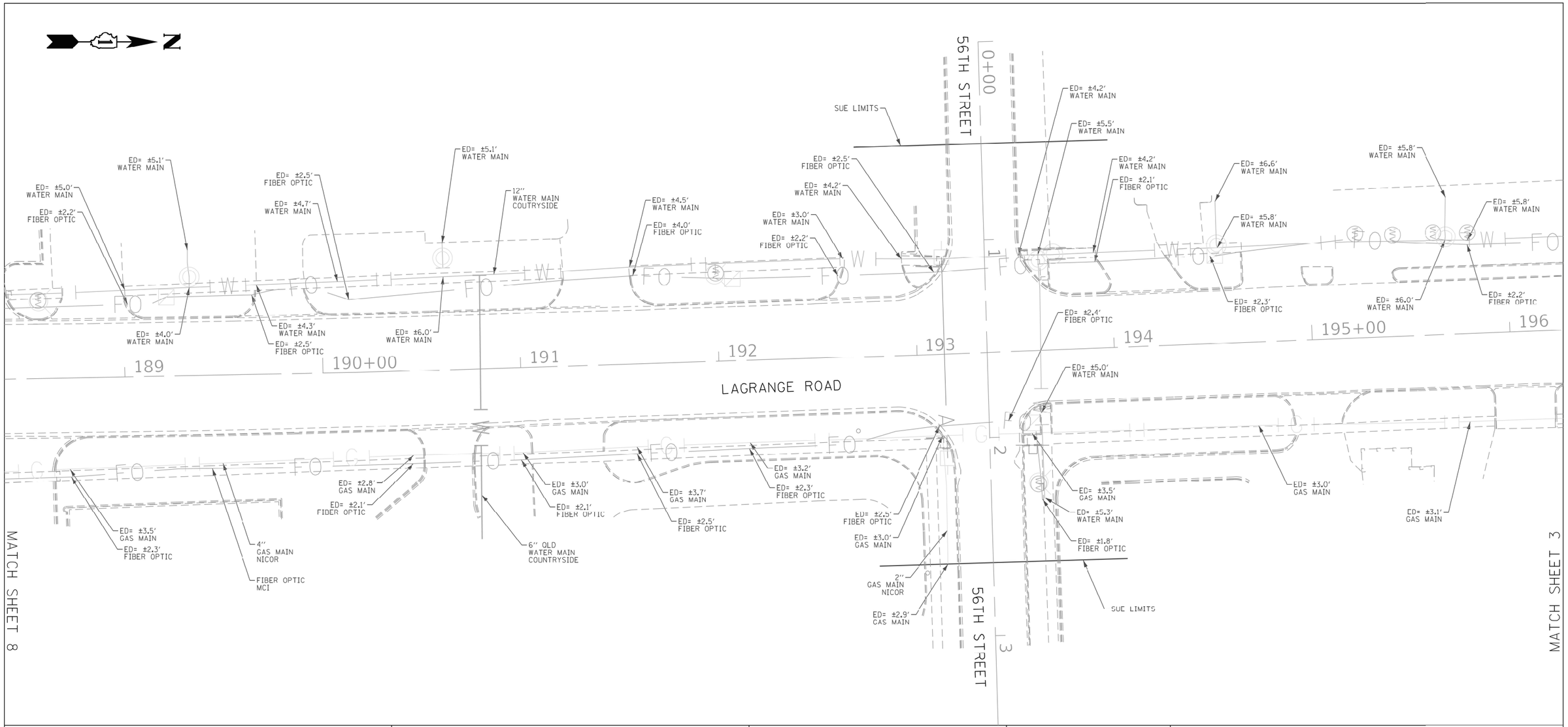
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET AT LA GRANGE ROAD
COUNTRYSIDE, ILLINOIS

SCALE: | SHEET 6 OF 10 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0104WRS&N-11	COOK	277	117
		CONTRACT NO. P9100219		
	ILLINOIS FED. AID PROJECT			

IDOT W.O. 229



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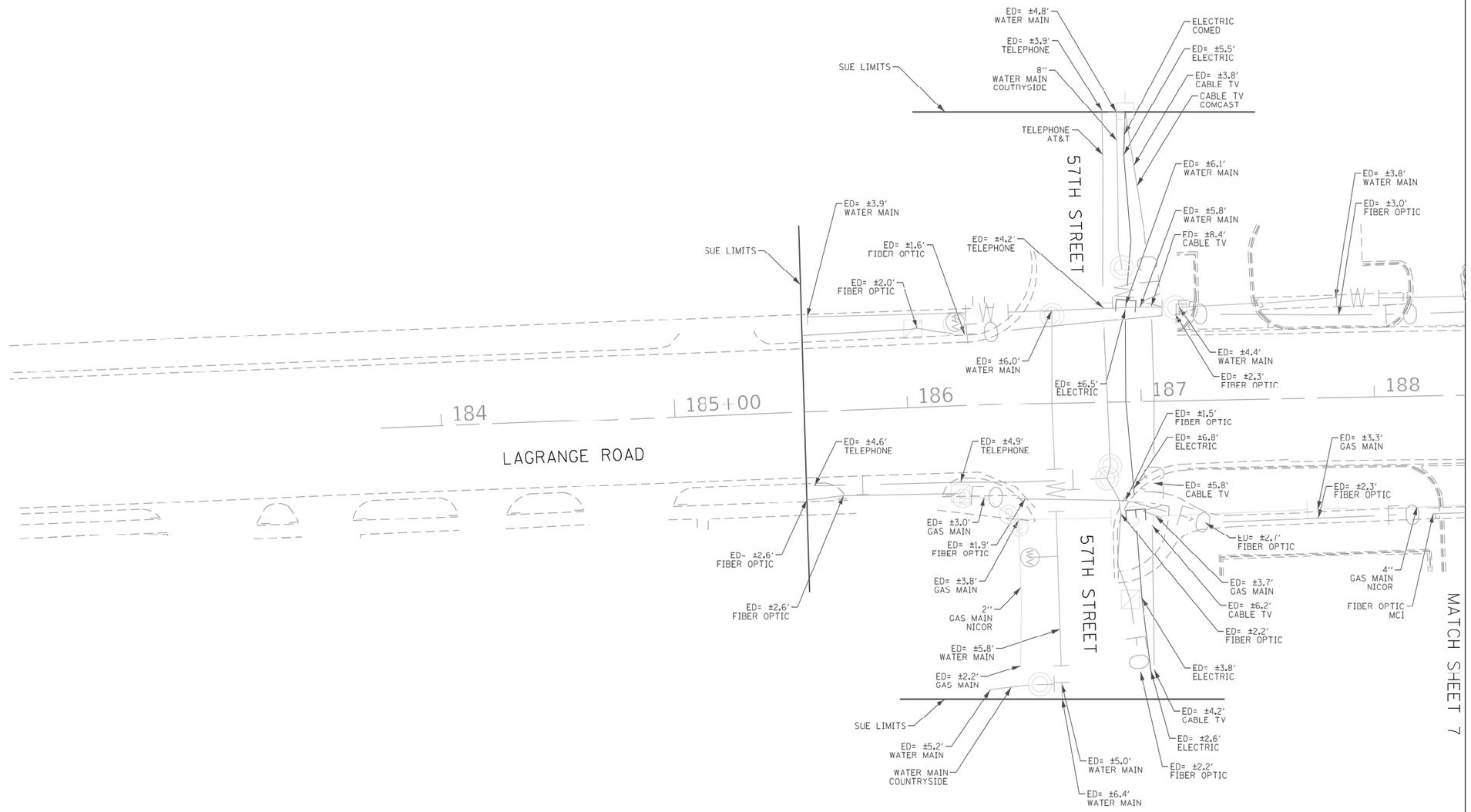
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET AT LA GRANGE ROAD
COUNTRYSIDE, ILLINOIS

SCALE: | SHEET 7 OF 10 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0104WRS&N-11	COOK	277	118
		CONTRACT NO. P9100219		
	ILLINOIS FED. AID PROJECT			

IDOT W.O. 229



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55TH STREET AT LA GRANGE ROAD
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SCALE: | SHEET 8 OF 10 SHEETS | STA. | TO STA.

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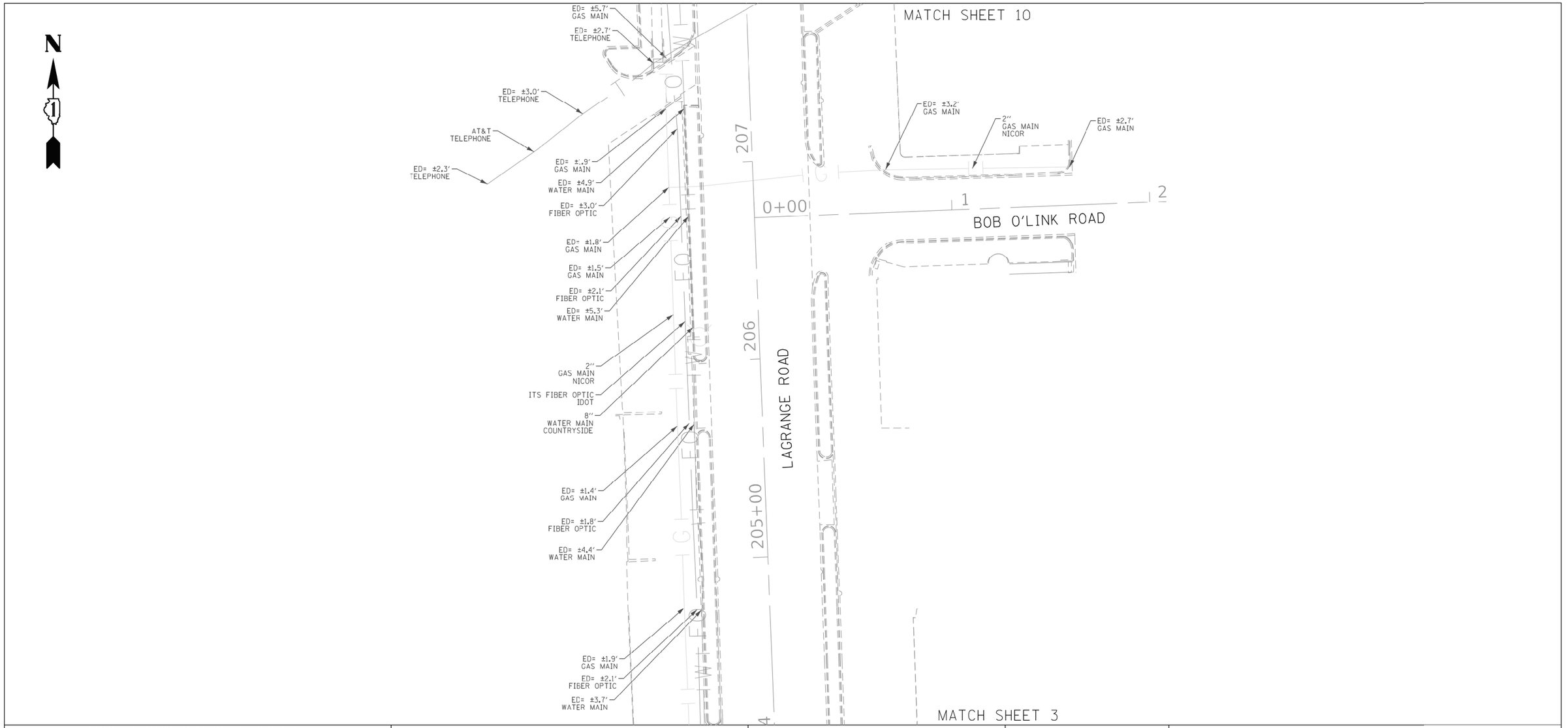

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WGI's FIELD INVESTIGATION WAS PERFORMED 05/06/2020 THROUGH 05/16/2020. CHANGES TO UTILITIES AFTER 05/16/2020 MAY HAVE BEEN MADE AND THEREFORE MAY RESULT IN VARIANCES FROM THIS PLAN IF DEEMED ADVISABLE PRIOR TO FINAL DESIGN AND CONSTRUCTION.

FIELD LOCATED UTILITIES MEET THE FEDERAL HIGHWAY ADMINISTRATION DEFINITION FOR "QUALITY LEVEL B" (QLB) STANDARDS.

UTILITY SIZE AND INFORMATION IS BASED ON BEST AVAILABLE FIELD AND RECORD INFORMATION.

ALL UTILITIES SHOWN ARE QUALITY LEVEL B (QLB) UNLESS NOTED OTHERWISE.

ALL ELECTRONIC DEPTHS PROVIDED ARE ESTIMATED APPROXIMATELY TO THE CENTER OF THE UTILITY UNLESS NOTED OTHERWISE AND SHOULD BE USED FOR INFORMATIONAL PURPOSES ONLY.

UTILITY LEGEND:

A	- AERIAL
	- UNKNOWN UTILITY
O	- OIL (PETROLEUM)
CTV	- CABLE TV
T	- TELEPHONE
G	- GAS
E	- ELECTRIC
E	- TRAFFIC SIGNAL/LIGHTING
W	- WATER
	- FORCE MAIN
FO	- FIBER OPTIC
	- TEST HOLE
EOI	- END OF INFORMATION
ED	- ELECTRONIC DEPTH

JOHN J. BELLIS
062-044796
REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

John J Bellis
signature

6/18/2020
date

license expires 11/30/2021

SANCHEZ
Sanchez & Associates, P.C.
8604 W. Catalpa Avenue, Suite 912
Chicago, IL 60656
Phone No. (773) 444-0144

WGI
2001 Butterfield Road, Suite 410
Downers Grove, IL 60515
Phone No. (630) 307-3800
Fax No. (630) 307-7030
Cert No. 6091 - LB No. 7055

USER NAME = Carlos.Alvarez	DESIGNED -	REVISED -
	DRAWN - CA	REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED - EG	REVISED -
PLOT DATE = 6/18/2020	DATE -	REVISED -

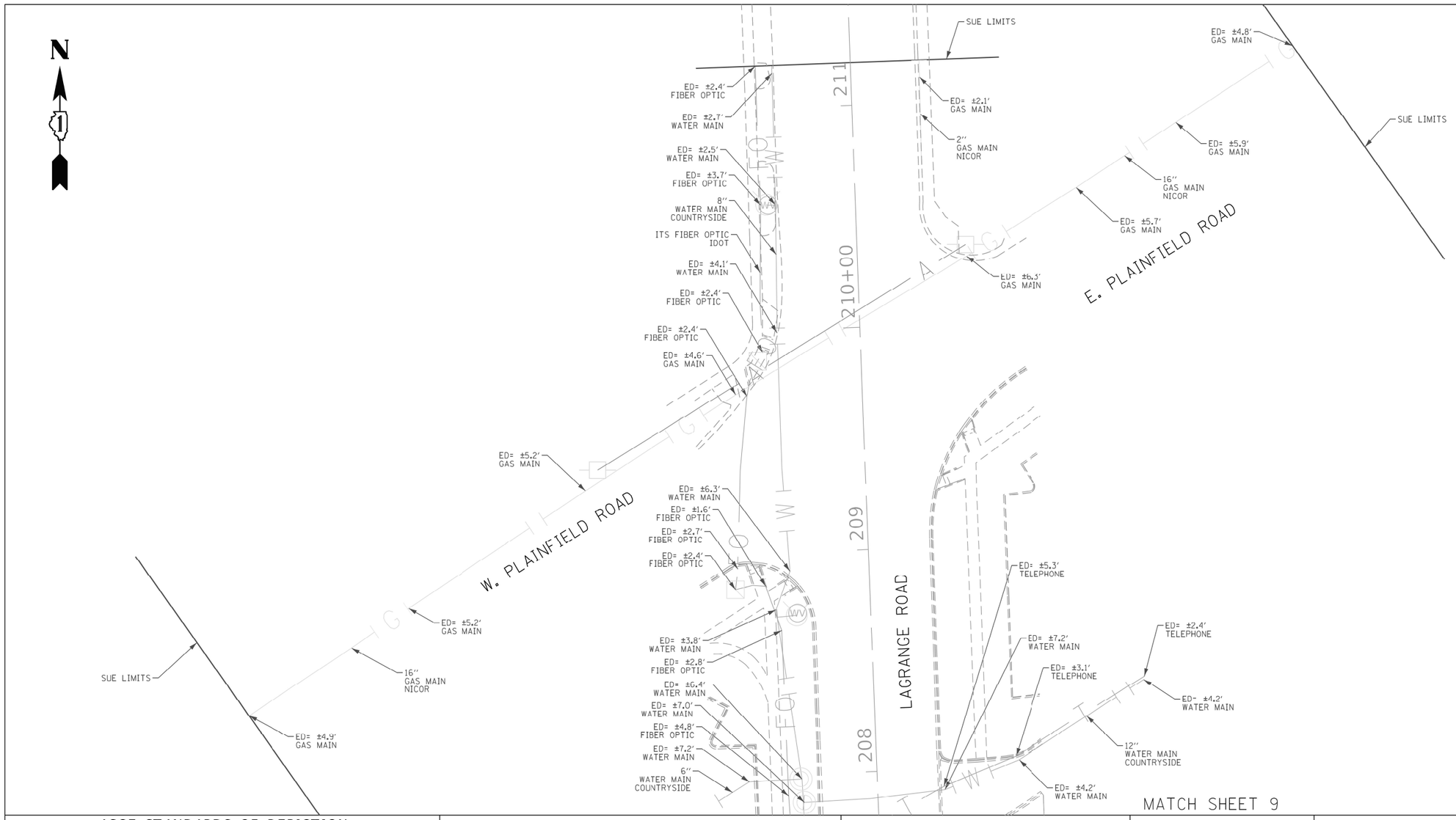
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET AT LA GRANGE ROAD
COUNTRYSIDE, ILLINOIS

SCALE: | SHEET 9 OF 10 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0104WRS&N-11	COOK	277	120
		CONTRACT NO. P9100219		
	ILLINOIS	FED. AID PROJECT		

IDOT W.O. 229



ASCE STANDARDS OF DEPICTION OF SUBSURFACE UTILITIES

QUALITY LEVEL A (QLA)
PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE (OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) USING MINIMALLY INTRUSIVE EXCAVATION EQUIPMENT TO MINIMIZE POTENTIAL FOR UTILITY DAMAGE, AND SUBSEQUENT MEASURMENT OF THE SUBSURFACE UTILITIES WITH OTHER UTILITY ATTRIBUTES SUCH AS TYPE, SIZE & MATERIAL OF UTILITY.

QUALITY LEVEL B (QLB)
INFORMATION OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF SUBSURFACE UTILTIES. QUALITY LEVEL B DATA SHOULD BE REPRODUCIBLE BY SURFACE GEOPHYSICS AT ANY POINT OF THEIR DEPICTION. THIS INFORMATION IS SURVEYED TO APPLICABLE TOLERANCES DEFINED BY THE PROJECT AND REDUCED ONTO PLAN DOCUMENTS.

QUALITY LEVEL C (QLC)
INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE-GROUND UTLITY FEATURES AND BY USING PROFESSIONAL JUDGEMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D INFORMATION.

QUALITY LEVEL D (QLD)
INFORMATION DERIVED FROM EXISITNG RECORDS OR ORAL RECOLLECTIONS.

GENERAL NOTES:

WGI INC. HAS EXERCISED ITS BEST PROFESSIONAL EXPERTISE AND GEOPHYSICAL PROSPECTING TECHNIQUES TO DEVELOP THIS MAPPING OF SUBSURFACE UTILITIES WITHIN THE PROJECT LIMITS.

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FIELD LOCATED UTILITIES MEET THE FEDERAL HIGHWAY ADMINISTRATION DEFINITION FOR "QUALITY LEVEL B" (QLB) STANDARDS.

UTILITY SIZE AND INFORMATION IS BASED ON BEST AVAILABLE FIELD AND RECORD INFORMATION.

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UTILITY LEGEND:

A	- AERIAL
	- UNKNOWN UTILITY
O	- OIL (PETROLEUM)
CTV	- CABLE TV
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W	- WATER
	- FORCE MAIN
FO	- FIBER OPTIC
	- TEST HOLE
EOI	- END OF INFORMATION
ED	- ELECTRONIC DEPTH

JOHN J. BELLIS
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REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

signature

6/18/2020
date

license expires 11/30/2021

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Fax No. (630) 307-7030
Cert No. 6091 - LB No. 7055

USER NAME = Carlos.Alvarez	DESIGNED -	REVISED -
	DRAWN - CA	REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED - EG	REVISED -
PLOT DATE = 6/18/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET AT LA GRANGE ROAD
COUNTRYSIDE, ILLINOIS

SCALE: | SHEET 10 OF 10 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0104WRS&N-11	COOK	277	121
		CONTRACT NO. P9100219		
	ILLINOIS FED. AID PROJECT			

IDOT W.O. 229

STATE OF ILLINOIS

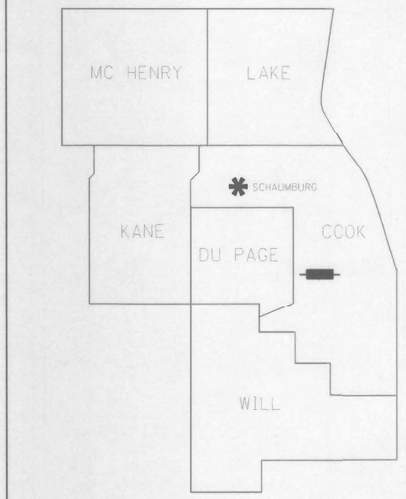
DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

PLAT OF HIGHWAYS

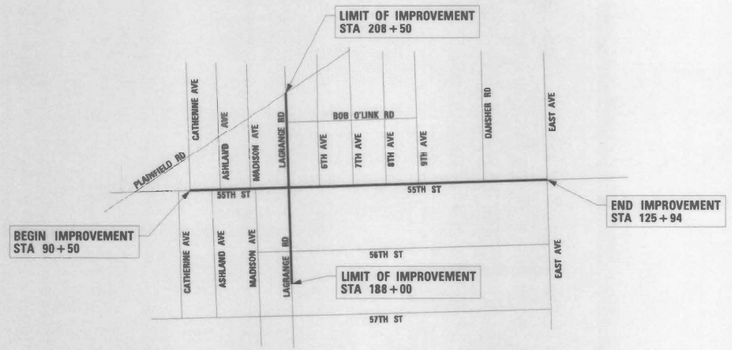
ROUTE: 55TH STREET, US 12/20/45 TO EAST AVENUE
SECTION:
COUNTY: COOK
LIMITS: US RTE 12/20/45 TO EAST AVENUE
JOB NO.: R-90-015-12

Doc# 2411320212 Fee #133.00
KAREN A. YARBROUGH
COOK COUNTY CLERK'S OFFICE
DATE: 4/22/2024 11:31 AM
PAGE: 1 OF 21



DISTRICT HEADQUARTERS: -
LOCATION OF SECTION INDICATED THUS: -

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS



LOCATION MAP

PROJECT LENGTH = 5644 FT. = 1.069 MILES

After recording mail to Mr. William Wright
Illinois Department of Transportation
201 West Center Court
Schaumburg, IL 60196

DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1006 FAX. (312)857-1056

MODEL: Default
FILE NAME: 12-166-sht-plat-01.dgn

BURNS McDONNELL	USER NAME = rjiang	DESIGNED - TMM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAT OF HIGHWAYS
		DRAWN - TMM	REVISED -		
	PLOT SCALE = 2.0000 ' / in.	CHECKED - RGJ	REVISED -		SCALE: SHEET 1 OF 21 SHEETS STA. TO STA.
	PLOT DATE = 8/5/2024	DATE - 08/05/2024	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	122
		CONTRACT NO. 60R50		
	ILLINOIS FED. AID PROJECT			

PLAT OF HIGHWAYS INDEX SHEET

Doc# 2411320212 Fee #133.00
KAREN A. YARBROUGH
COOK COUNTY CLERK'S OFFICE
DATE: 4/22/2024 11:31 AM
PAGE: 1 OF 21

PARCEL NUMBER	OWNER	SHEET NUMBER	PROPERTY ACQUIRED BY
0JQ00012 0JQ00012TE	JRM 5459 REAL ESTATE INVESTMENTS, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	5	2325140011 2325140012
0JQ00013TE-A 0JQ00013TE-B	PHM 9932 REAL ESTATE INVESTMENTS, LLC	10	2310329097
0JQ00020TE	YOUSSEF SALHANI, A MARRIED MAN	4	2308910123
0JQ00021 0JQ00021TE-A 0JQ00021TE-B	DB REAL ESTATE ASSETS II, LLC, A DELAWARE LIMITED LIABILITY COMPANY	5	23L50293
0JQ00022TE	FIRST MIDWEST BANK SUCCESSOR TO STANDARD BANK & TRUST COMPANY AS SUCCESSOR TO BANK OF LYONS AS TRUSTEE UNDER TRUST AGREEMENT DATED JUNE 5, 1972 KNOWN AS TRUST NO. 1269	6	23L50121
0JQ00030TE-A 0JQ00030TE-B 0JQ00030TE-C	POLAR SHORES, LCC	8	2320112001
0JQ00032TE-A 0JQ00032TE-B	TTH ENTERPRISES, INC., AN ILLINOIS CORPORATION	7	2300615003
0JQ00033TE	CHICAGO TITLE LAND TRUST COMPANY AS SUCCESSOR TO STATE BANK OF COUNTRYSIDE AS TRUSTEE UNDER TRUST AGREEMANT DATED JANUARY 2, 1990 AND KNOWN AS TRUST NO. 90629	6	2322029006
0JQ00034 0JQ00034TE-A 0JQ00034TE-B	HALLE PROPERTIES, L.L.C., AN ARIZONA LIMITED LIABILITY COMPANY	6	23L50079
0JQ00035 0JQ00035TE	FIRST MIDWEST BANK SUCCESSOR TO STANDARD BANK AND TRUST COMPANY AS TRUSTEE UNDER TRUST AGREEMENT DATED OCTOBER 11, 2011 AND KNOWN AS TRUST NO. 21138	6	23L50080
~~0JQ00036~~ ~~0JQ00036TE-A~~ ~~0JQ00036TE-B~~	~~5501 LAGRANGE REAL ESTATE LLC, AN ILLINOIS LIMITED LIABILITY COMPANY~~	~~5~~	~~23L50288~~ SEE SHEETS 19A and 19B
0JQ00037TE	CHICAGO TRUST COMPANY, N.A., SUCCESSOR TO SUBURBAN BANK & TRUST COMPANY, SUCCESSOR IN INTEREST TO BEVERLY BANK AS TRUSTEE UNDER TRUST AGREEMENT DATED SEPTEMBER 25, 1963 KNOWN AS TRUST NO. 8-0308	10	23L50113
0JQ00039TE-A 0JQ00039TE-B	HARRY BOCKOS AND KRISTEN BOCKOS, AS TRUSTEES OF HARRY AND KRISTA BOCKOS TRUST DATED JULY 27, 2018	11	23L50376
0JQ00040TE	PARKWAY BANK AND TRUST COMPANY AS TRUSTEE UNDER TRUST AGREEMENT DATED JANUARY 31, 2003 KNOWN AS TRUST NO. 13491	11	2326825030
0JQ00042TE-A 0JQ00042TE-B	NUMARK CREDIT UNION SUCCESSOR BY MERGER TO DIESEL CREDIT UNION	12	2308645002
0JQ00043TE	CUBESMART, L.P., A DELAWARE LIMITED PARTNERSHIP	13	2316528178
0JQ00044TE	MBM COUNTRYSIDE 2, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	14	23L50078
0JQ00047TE	T. ALEXANDER HOLDINGS, LLC	15	2300616015
0JQ00050TE-A 0JQ00050TE-B	ISRAEL RIVERA AND LUANNE I. RIVERA, HUSBAND AND WIFE, AS TENANTS BY THE ENTIRETY	4	2300616016
0JQ00052 0JQ00052TE-A 0JQ00052TE-B	AMERIMARK REALTY CORPORATION, AN ILLINOIS DISSOLVED CORPORTATION	4 & 5	23L50173
0JQ00053TE	JOHN A. KENNEDY AND MARGARET M. KENNEDY, HIS WIFE, AS JOINT TENANTS	3	2305549003
0JQ00054TE	DERLY VALADEZ, A SINGLE MALE	3	2313008092
0JQ00055TE-A 0JQ00055TE-B	PAUL D. DOROSZ	3	2320116002
0JQ00056TE	COUNTRYSIDE AUTO PARK, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	9	2316340058
0JQ00057TE	TERRY R. AHERN AND SANDRA M. BOSTON AS JOINT TENANTS	19	2300916000
0JQ00058TE	POLAR SHORES, LLC	8	2308806000

DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1006 FAX. (312)857-1056

IDOT USE ONLY

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
55TH STREET

LIMITS: US RTE 12/20/45 TO EAST AVE. COUNTY: COOK
SECTION: JOB NO.: R-90-015-12
STA. TO STA.
SCALE: N/A SHEET 2 OF 18 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

MODEL: Default
FILE NAME: 12-166-sht-plat-02.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - TMM	REVISED -	
	DRAWN - TMM	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - RGJ	REVISED -	
PLOT DATE = 8/5/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS
SCALE: SHEET 2 OF 21 SHEETS STA. TO STA.

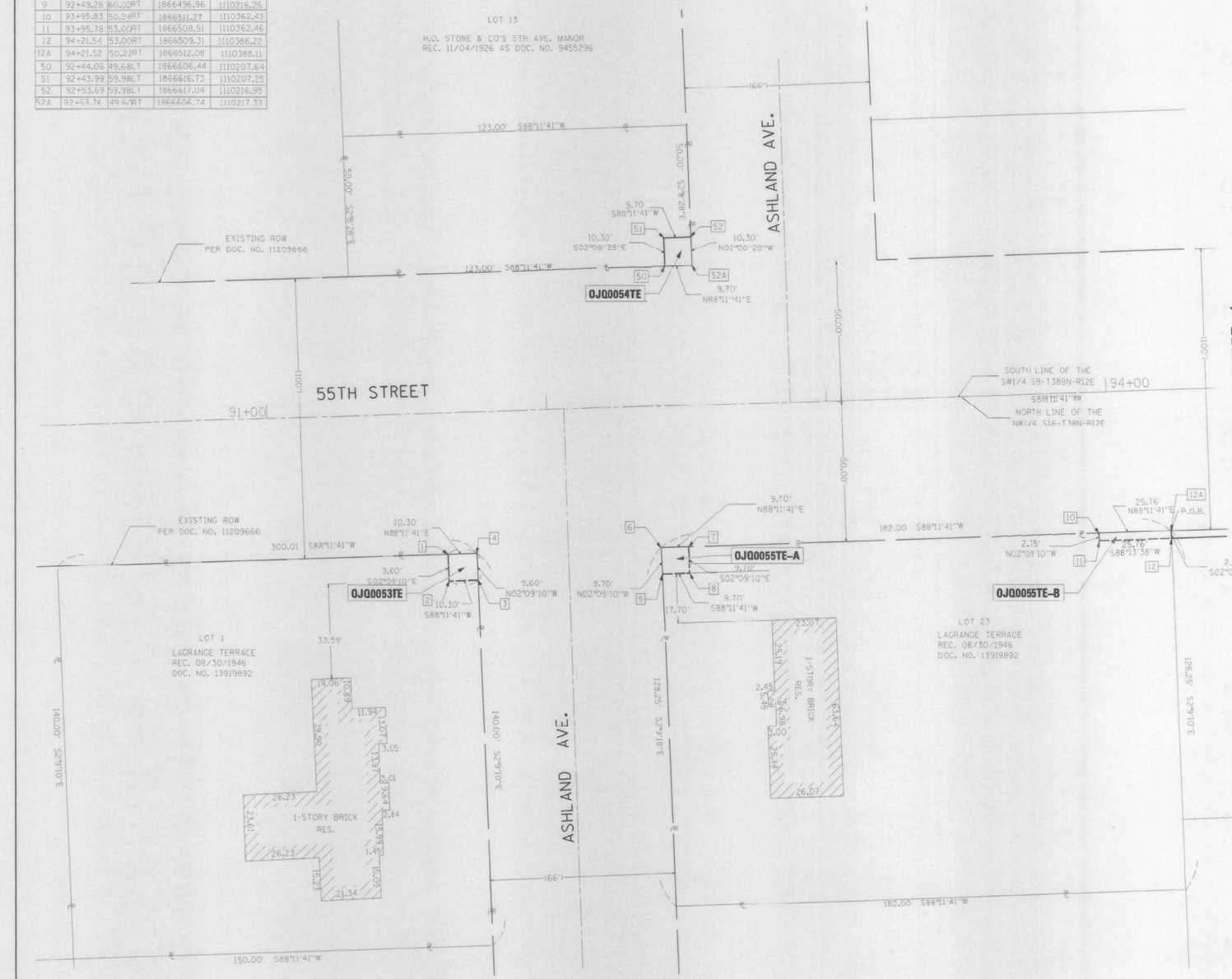
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	123
		CONTRACT NO. 60R50		
	ILLINOIS FED. AID PROJECT			

PART OF THE SW 1/4 OF SECTION 9 AND THE NW 1/4 OF SECTION 16, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

PROJECT COORDINATES
Illinios State Plane, East Zone, NAD 83 (2011)

COORDINATE TABLE				
PT. #	STATION	OFFSET	NORTHING	EASTING
1	91+63.22	50.37RT	1866503.94	1110129.94
2	91+63.28	59.97RT	1866494.35	1110130.30
3	91+73.58	59.97RT	1866494.67	1110140.59
4	91+73.52	50.37RT	1866504.26	1110140.23
5	92+39.58	60.03RT	1866496.65	1110206.56
6	92+39.52	50.33RT	1866506.34	1110206.20
7	92+39.52	60.33RT	1866506.34	1110206.20
8	92+49.22	50.32RT	1866506.65	1110215.89
9	92+49.26	60.02RT	1866496.96	1110216.26
10	93+95.83	50.24RT	1866511.27	1110362.43
11	93+95.78	53.00RT	1866508.51	1110362.46
12	94+21.54	53.00RT	1866509.31	1110388.22
12A	94+21.52	50.22RT	1866512.08	1110388.11
50	92+44.06	49.68LT	1866606.44	1110207.64
51	92+43.99	59.98LT	1866616.73	1110207.25
52	92+53.69	59.98LT	1866617.04	1110216.95
52A	92+53.76	49.60RT	1866606.74	1110217.33

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
0JQ00053TE	0.482	N/A	N/A	0.482	0.002	98.88	18-16-107-010
0JQ00054TE	0.141	N/A	N/A	0.141	0.002	99.91	18-09-327-016
0JQ00055TE-A	0.536	N/A	N/A	0.536	0.002	94.09	18-16-101-002
0JQ00055TE-B		N/A	N/A	0.536	0.002	70.84	



LEGEND

SECTION CORNER
QUARTER SECTION CORNER

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE

129.32' MEASURED DIMENSION
129.32' (COMP) COMPUTED DIMENSION
(129.32') RECORDED DIMENSION
EXISTING BUILDING

GRAPHIC SCALE
FEET
SCALE: 1" = 20'

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- "MAG" NAIL SET
- 5 / 8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011 ADJUSTMENT) "GRID"

ALL MEASURED DISTANCES ARE "GRID" NOT "GROUND", TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.9999911.

AREAS SHOWN ON THIS PLAT ARE COMPUTED GROUND DISTANCE.

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT WE, DB STERLIN CONSULTANTS, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001905, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 9 AND 16, TOWNSHIP 38 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 24TH DAY OF JANUARY, 2019 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3134
LICENSE EXPIRATION DATE: NOV. 30, 2020

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

THOMAS J. GALBRAITH 35-03134 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS Renewal 11-30-20 CHICAGO

Doc# 2411320212 Fee #133.00
KAREN A. YARBROUGH
COOK COUNTY CLERK'S OFFICE
Date: 4/22/2024 11:31 AM
Page: 1 of 21

DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1006 FAX. (312)857-1056

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
55TH STREET
LIMITS: US RTE 12/20/45 TO EAST AVE.
COUNTY: COOK
SECTION: JOB NO.: R-90-015-12
STATION: 91+63.22 TO 94+21.54
SCALE: 1" = 20' SHEET 3 OF 19

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

MODEL: Default
FILE NAME: I:\2116\6-dh-plat-03.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - TMM	REVISED -	
	DRAWN - TMM	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - RGJ	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

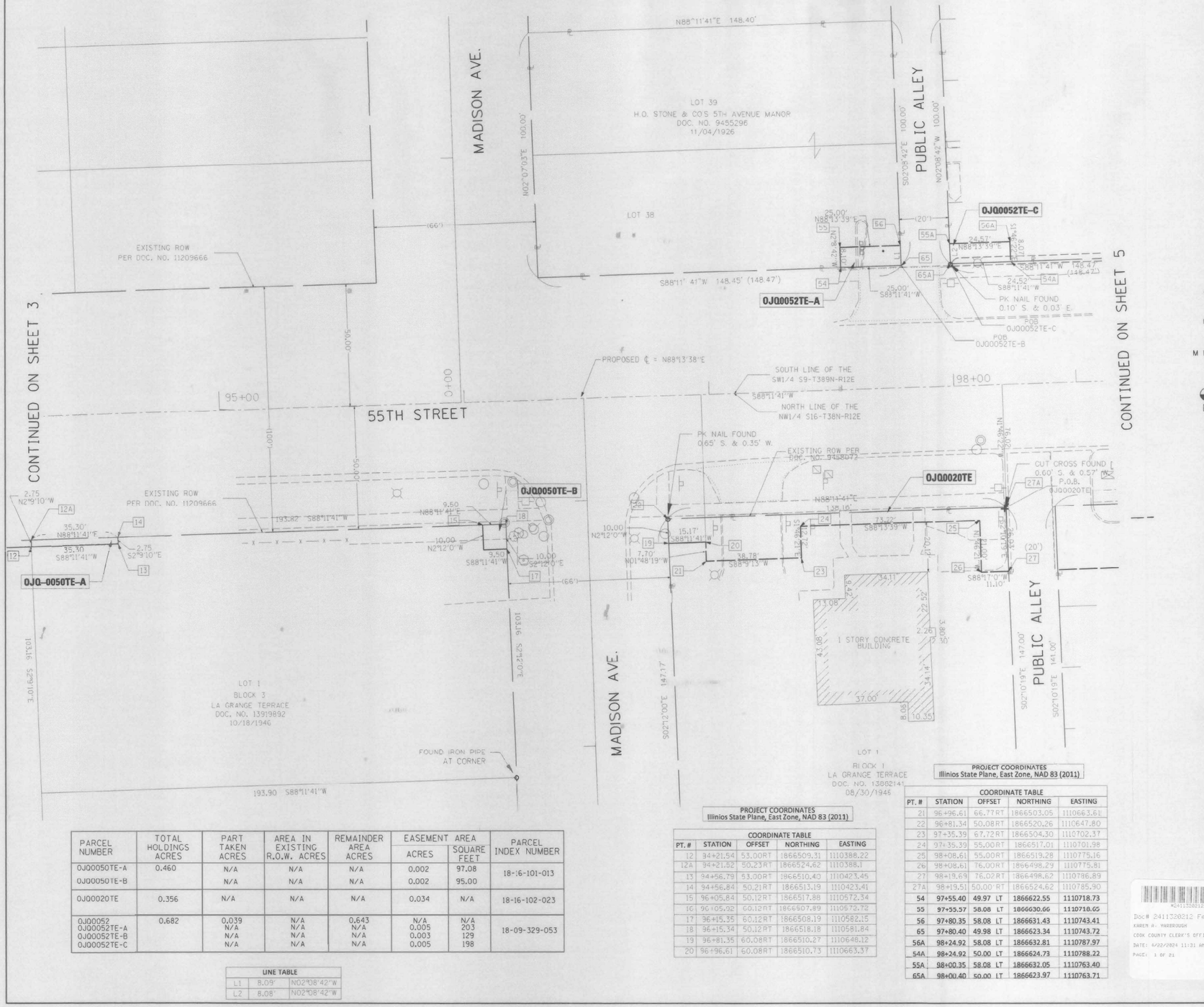
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

SCALE: | SHEET 3 OF 21 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	124
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

PART OF THE SW 1/4 OF SECTION 9 AND THE NW 1/4 OF SECTION 16, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
OJQ0050TE-A	0.460	N/A	N/A	N/A	0.002	97.08	18-16-101-013
OJQ0050TE-B		N/A	N/A	N/A	0.002	95.00	
OJQ0020TE	0.356	N/A	N/A	N/A	0.034	N/A	18-16-102-023
OJQ0052 OJQ0052TE-A OJQ0052TE-B OJQ0052TE-C	0.682	0.039 N/A N/A N/A	N/A N/A N/A N/A	0.643 N/A N/A N/A	N/A 0.005 0.003 0.005	N/A 203 129 198	18-09-329-053

LINE TABLE		
L1	8.09'	N02°08'42"W
L2	8.08'	N02°08'42"W

PROJECT COORDINATES
Illinois State Plane, East Zone, NAD 83 (2011)

COORDINATE TABLE				
PT. #	STATION	OFFSET	NORTHING	EASTING
12	94+21.54	53.00RT	1866509.31	1110388.22
12A	94+21.52	50.23RT	1866524.62	1110388.1
13	94+56.79	53.00RT	1866510.40	1110423.45
14	94+56.84	50.21RT	1866513.19	1110423.41
15	96+05.84	50.12RT	1866517.88	1110572.34
16	96+05.92	60.12RT	1866507.89	1110572.72
17	96+15.35	60.12RT	1866508.19	1110582.15
18	96+15.34	50.12RT	1866518.18	1110581.84
19	96+81.35	60.08RT	1866510.27	1110648.12
20	96+96.61	60.08RT	1866510.73	1110663.37

PROJECT COORDINATES
Illinois State Plane, East Zone, NAD 83 (2011)

COORDINATE TABLE				
PT. #	STATION	OFFSET	NORTHING	EASTING
21	96+96.61	66.77RT	1866503.05	1110663.61
22	96+81.34	50.08RT	1866520.26	1110647.80
23	97+35.39	67.72RT	1866504.30	1110702.37
24	97+35.39	55.00RT	1866517.01	1110701.98
25	98+08.61	55.00RT	1866519.28	1110775.16
26	98+08.61	76.00RT	1866498.29	1110775.81
27	98+19.69	76.02RT	1866498.62	1110786.89
27A	98+19.51	50.00 RT	1866524.62	1110785.90
54	97+55.40	49.97 LT	1866622.55	1110718.73
55	97+55.57	58.08 LT	1866630.66	1110718.66
56	97+80.35	58.08 LT	1866631.43	1110743.41
65	97+80.40	49.98 LT	1866623.34	1110743.72
56A	98+24.92	58.08 LT	1866632.81	1110787.97
54A	98+24.92	50.00 LT	1866624.73	1110788.22
55A	98+00.35	58.08 LT	1866632.05	1110763.40
65A	98+00.40	50.00 LT	1866623.97	1110763.71

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- 129.32' MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE FEET
SCALE: 1" = 20'

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM,NAD83 (2011) ADJUSTMENT),EAST ZONE.

- IRON PIPE OR ROD FOUND
- "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5 / 8" REBAR SET
- ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M ■ STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011 ADJUSTMENT) "GRID"

ALL MEASURED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.9999911.

AREAS SHOWN ON THIS PLAT ARE COMPUTED GROUND DISTANCE.

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT WE, DB STERLIN CONSULTANTS, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001909, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 9 AND 16, TOWNSHIP 38 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLYREPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 24TH DAY OF JANUARY, 2019 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3134
LICENSE EXPIRATION DATE: NOV. 30, 2020

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

THOMAS J. GALBREATH 35-03134 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS Renewal Date 11-30-20 CHICAGO

DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1006 FAX. (312)857-1056

Doc# 2411320212 Fee $133.00
KAREN A. YARBROUGH
COOK COUNTY CLERK'S OFFICE
DATE: 4/22/2024 11:31 AM
PAGE: 1 OF 21

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
55TH STREET
LIMITS: US RTE 12/20/45 TO EAST AVE.
COUNTY: COOK
SECTION: JOB NO.: R-90-015-12
STATION: 91+21.52 TO 99+49.73
SCALE: 1" = 20' SHEET 4 OF 19

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

MODEL: Default
FILE NAME: 121166-sht-plts-dyn.dgn

BURNS McDONNELL

USER NAME = rjiang		DESIGNED - TMM		REVISED -	
		DRAWN - TMM		REVISED -	
PLOT SCALE = 2.0000 ' / in.		CHECKED - RGJ		REVISED -	
PLOT DATE = 8/3/2024		DATE - 08/05/2024		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

SCALE: | SHEET 4 OF 21 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	125
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

PART OF THE SW 1/4 AND SE 1/4 OF SECTION 9 AND NW 1/4 AND NE 1/4 OF SECTION 16, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

LINE TABLE

LINE	DIRECTION	DISTANCE
L1	N40°30'12"W	8.85'
L2	S02°00'33"E	6.95'
L3	S46°22'56"E	4.30'
L4	S88°09'51"W	15.09'

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
0JQ00052	0.682	0.039	N/A	0.643	N/A	N/A	18-09-329-053
0JQ00052TE-A		N/A	N/A	N/A	0.005	203	
0JQ00052TE-B		N/A	N/A	N/A	0.003	129	
0JQ00052TE-C		N/A	N/A	N/A	0.005	198	
0JQ00021	0.356	0.026	N/A	0.330	N/A	N/A	18-16-102-027
0JQ00021TE-A		N/A	N/A	N/A	0.025	N/A	
0JQ00021TE-B		N/A	N/A	N/A	0.006	261.36	
0JQ00012	0.791	0.02	N/A	0.771	N/A	N/A	18-09-412-036
0JQ00012TE		N/A	N/A	N/A	0.010	441.44	
0JQ00036	0.517	0.049	N/A	0.468	N/A	N/A	18-16-200-031
0JQ00036TE-A		N/A	N/A	N/A	0.015	N/A	
0JQ00036TE-B		N/A	N/A	N/A	0.029	N/A	

SEE SHEETS 19A and 19B.

LAGRANGE RD. STATIONING
PROJECT COORDINATES
Illinois State Plane, East Zone, NAD 83 (2011)

COORDINATE TABLE

PT. #	STATION	OFFSET	NORTHING	EASTING
35	198+96.74	50.91LT	1866474.99	1110917.88
36	198+99.82	53.96LT	1866477.96	1110914.76
37	198+09.72	53.87LT	1866387.94	1110918.38
38	198+09.44	51.16 LT	1866387.76	1110921.10
44	197+99.72	53.91RT	1866382.15	1111026.47
45	197+99.75	48.91RT	1866381.99	1111021.47
79	198+59.55	54.00RT	1866441.94	1111024.22
80	198+59.24	61.99RT	1866441.94	1111032.21
81	197+99.66	61.91 RT	1866382.41	1111034.47

55TH STREET STATIONING
PROJECT COORDINATES
Illinois State Plane, East Zone, NAD 83 (2011)

COORDINATE TABLE

PT. #	STATION	OFFSET	NORTHING	EASTING
28	98+39.62	76.03 RT	1866499.22	1110806.88
29	98+39.51	50.00 RT	1866525.23	1110805.89
30	98+70.29	74.06 RT	1866500.14	1110837.46
31	98+70.29	56.06 RT	1866520.13	1110836.84
32	99+18.84	55.98 RT	1866521.71	1110885.37
33	99+17.12	49.94 RT	1866527.69	1110883.46
34	99+25.34	78.79 RT	1866499.11	1110892.57
35	99+49.89	103.68RT	1866474.99	1110917.88
36	99+46.87	100.62RT	1866477.96	1110914.76
37	99+47.49	190.90RT	1866387.74	1110918.18
38	99+50.41	190.97RT	1866387.76	1110921.10
39	99+45.49	190.90RT	1866387.68	1110916.18
42	101+19.76	49.93 RT	1866534.14	1111086.08
42A	101+06.03	59.00RT	1866524.64	1111072.64
43	100+54.68	92.99RT	1866489.00	1111022.42
43A	199+13.84	65.00RT	1866496.62	1111033.08
44	197+99.72	53.91 RT	1866382.15	1111026.47
44A	198+11.54	65.00RT	1866394.40	1111037.09
45	100+50.27	199.91RT	1866381.99	1111021.47
46	100+49.44	49.91RT	1866531.89	1111015.79
47	101+09.17	56.93RT	1866526.81	1111075.71
48	101+86.52	59.00RT	1866527.24	1111153.09
49	101+86.52	50.00RT	1866536.24	1111152.80
64	100+58.90	60.09 LT	1866642.13	1111021.68
65	97+80.40	49.98LT	1866623.34	1110743.72
66	98+72.90	50.03LT	1866626.25	1110836.17
67	98+82.47	50.04LT	1866626.55	1110845.74
68	98+82.65	50.04LT	1866626.56	1110845.92
69	99+48.65	87.18 LT	1866665.72	1110910.74
70	99+48.87	50.08LT	1866628.64	1110912.10
71	100+96.25	60.07LT	1866643.33	1111059.01
72	100+96.40	60.07LT	1866643.34	1111059.16
73	100+30.71	67.00LT	1866650.08	1111053.25
74	101+57.11	67.00LT	1866652.22	1111119.62
75	101+57.13	60.05LT	1866645.28	1111119.86
79	100+54.95	140.08RT	1866441.94	1111024.22
80	100+62.94	140.34 RT	1866441.94	1111032.21
81	100+63.27	199.91 RT	1866382.41	1111034.47
82	100+63.47	234.98RT	1866347.37	1111035.80
83	100+55.46	234.95RT	1866394.56	1111041.09
83A	197+99.61	69.00 RT	1866382.64	1111041.55
84	100+55.55	249.91 RT	1866332.19	1111028.37
85	100+51.75	249.91 RT	1866332.07	1111024.57
86	100+50.55	249.91 RT	1866332.03	1111023.37
88	100+58.69	107.05 LT	1866689.06	1111019.95

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- 129.32' MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE FEET
SCALE: 1" = 20'

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011) ADJUSTMENT, EAST ZONE.

- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- ⊕ "MAG" NAIL SET
- ● 5 / 8" REBAR SET
- ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M ■ STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011 ADJUSTMENT) "GRID"

ALL MEASURED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.9999911.

AREAS SHOWN ON THIS PLAT ARE COMPUTED GROUND DISTANCE.

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT WE, DB STERLIN CONSULTANTS, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001909, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 16, TOWNSHIP 38 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 24TH DAY OF JANUARY, 2019 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3134
LICENSE EXPIRATION DATE: NOV. 30, 2020

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

THOMAS J. GALBREATH 35-03134 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS Renewable 11-30-20 CHICAGO

DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1006 FAX. (312)857-1056

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
55TH STREET
LIMITS: US RTE 12/20/45 TO EAST AVE.
COUNTY: COOK
SECTION: JOB NO.: R-90-015-12
STATION: 98+39.51 TO 101+83.96 55TH ST.
STATION: 197+99.66 TO 198+99.82 LAGRANGE RD.
SCALE: 1" = 20' SHEET 5 OF 19

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

Doc# 2411320212 Fee $133.00
KAREN A. YARBROUGH
COOK COUNTY CLERK'S OFFICE
DATE: 4/22/2024 11:31 AM
PAGE: 1 OF 21

CONTINUED ON SHEET 4
CONTINUED ON SHEET 10
CONTINUED ON SHEET 6

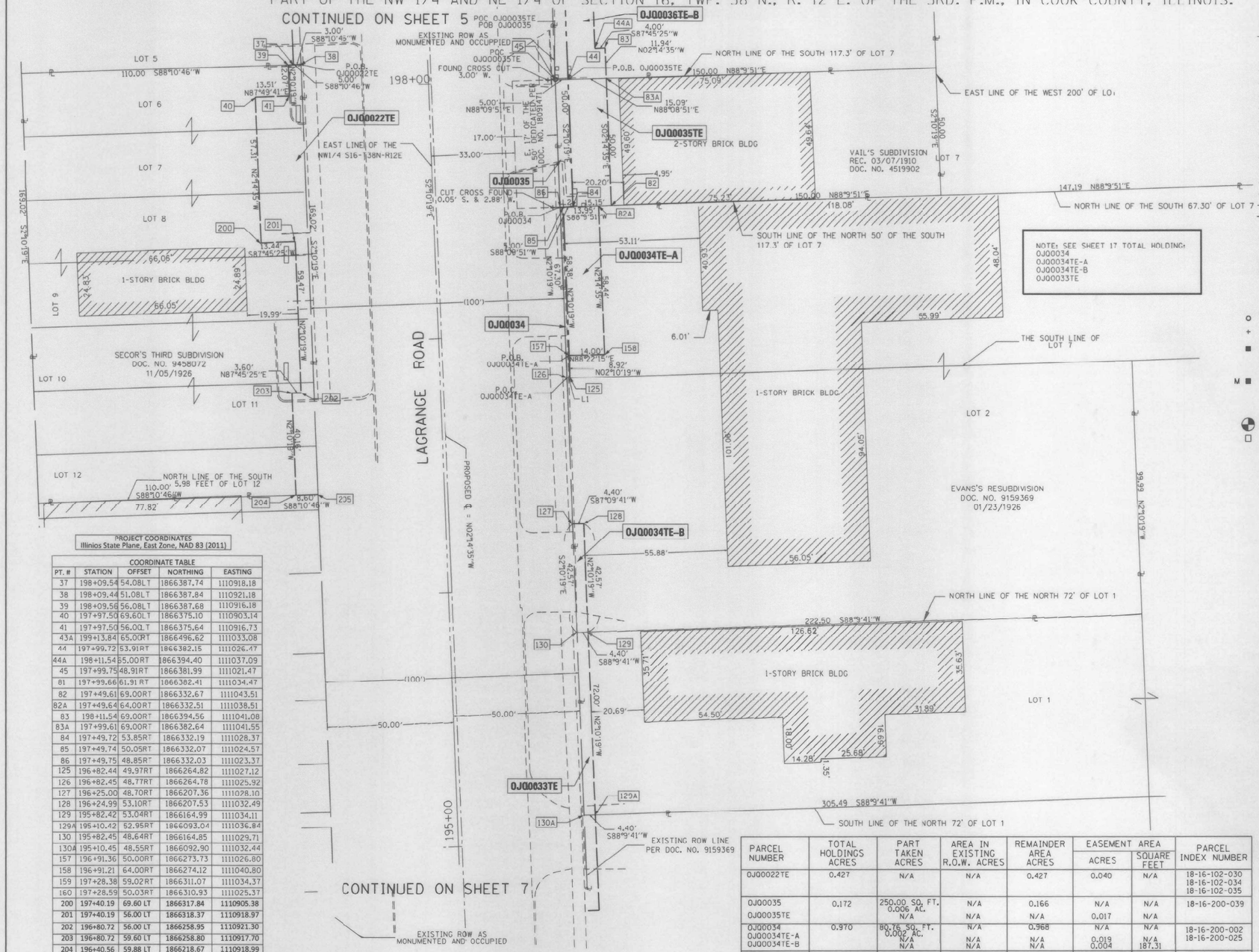
MODEL: Default
FILE NAME: 121166-the-pln-05.dgn

BURNS McDONNELL				
USER NAME = rjiang	DESIGNED - TMM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAT OF HIGHWAYS
	DRAWN - TMM	REVISED -		
PLOT SCALE = 2.0000 ' / in.	CHECKED - RGJ	REVISED -		SCALE: SHEET 5 OF 21 SHEETS STA. TO STA.
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	126
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	

PART OF THE NW 1/4 AND NE 1/4 OF SECTION 16, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

CONTINUED ON SHEET 5



PROJECT COORDINATES
Illinios State Plane, East Zone, NAD 83 (2011)

COORDINATE TABLE

PT. #	STATION	OFFSET	NORTHING	EASTING
37	198+09.54	54.08LT	1866387.74	1110918.18
38	198+09.44	51.08LT	1866387.84	1110921.18
39	198+09.56	56.08LT	1866387.68	1110916.18
40	197+97.50	69.60LT	1866375.10	1110903.14
41	197+97.50	56.00LT	1866375.64	1110916.73
43A	199+13.84	65.00RT	1866496.62	1111033.08
44	197+99.72	53.91RT	1866382.15	1111026.47
44A	198+11.54	55.00RT	1866394.40	1111037.09
45	197+99.75	48.91RT	1866381.99	1111021.47
81	197+99.66	61.91 RT	1866382.41	1111034.47
82	197+49.61	69.00RT	1866332.67	1111043.51
82A	197+49.64	64.00RT	1866332.51	1111038.51
83	198+11.54	69.00RT	1866394.56	1111041.08
83A	197+99.61	69.00RT	1866382.64	1111041.55
84	197+49.72	53.85RT	1866332.19	1111028.37
85	197+49.74	50.05RT	1866332.07	1111024.57
86	197+49.75	48.85RT	1866332.03	1111023.37
125	196+82.44	49.97RT	1866264.82	1111027.12
126	196+82.45	48.77RT	1866264.78	1111025.92
127	196+25.00	48.70RT	1866207.36	1111028.10
128	196+24.99	53.10RT	1866207.53	1111032.49
129	195+82.42	53.04RT	1866164.99	1111034.11
129A	195+10.42	52.95RT	1866093.04	1111036.84
130	195+82.45	48.64RT	1866164.85	1111029.71
130A	195+10.45	48.55RT	1866092.90	1111032.44
157	196+91.36	50.00RT	1866273.73	1111026.80
158	196+91.21	64.00RT	1866274.12	1111040.80
159	197+28.38	59.02RT	1866311.07	1111034.37
160	197+28.59	50.03RT	1866310.93	1111025.37
200	197+40.19	69.60 LT	1866317.84	1110905.38
201	197+40.19	56.00 LT	1866318.37	1110918.97
202	196+80.72	56.00 LT	1866258.95	1110921.30
203	196+80.72	59.60 LT	1866258.80	1110917.70
204	196+40.56	59.88 LT	1866218.67	1110918.99
205	196+40.50	51.28 LT	1866218.94	1110927.59

LINE TABLE

LINE	DIRECTION	DISTANCE
L1	N88°09'51"E	1.20'
L2	N88°09'51"E	1.20'
L3	N88°09'51"E	21.16'

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
OJ00022TE	0.427	N/A	N/A	0.427	0.040	N/A	18-16-102-030 18-16-102-034 18-16-102-035
OJ00035	0.172	250.00 SQ. FT. 0.006 AC.	N/A	0.166	N/A	N/A	18-16-200-039
OJ00035TE		N/A	N/A	N/A	0.017	N/A	
OJ00034	0.970	80.76 SQ. FT. 0.002 AC.	N/A	0.968	N/A	N/A	18-16-200-002 18-16-200-025
OJ00034TE-A		N/A	N/A	N/A	0.019	N/A	
OJ00034TE-B		N/A	N/A	N/A	0.004	187.31	
OJ00033TE	0.998	N/A	N/A	0.998	0.007	316.80	18-16-200-033 18-16-200-035

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINES
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- 129.32' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE FEET 0 20'
SCALE: 1" = 20'

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM,NAD83 (2011) ADJUSTMENT),EAST ZONE.

- IRON PIPE OR ROD FOUND
- 'MAG' NAIL SET
- + CUT CROSS FOUND OR SET
- 5 / 8" REBAR SET
- ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M ■ STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.

- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011 ADJUSTMENT) "GRID"

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AREAS SHOWN ON THIS PLAT ARE COMPUTED GROUND DISTANCE.

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

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DATED AT CHICAGO, ILLINOIS THIS 24TH DAY OF JANUARY, 2019 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3134
LICENSE EXPIRATION DATE: NOV. 30, 2020

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THOMAS J. GALBREATH 35-03134 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS Renewable 11-30-20 CHICAGO

DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1006 FAX. (312)857-1056

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
55TH STREET
LIMITS: US RTE 12/20/45 TO EAST AVE.
COUNTY: COOK
SECTION: JOB NO.: R-90-015-12
STATION: 195+10.42 TO 198+09.74
SCALE: 1" = 20' SHEET 6 OF 19

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

2411320212
Doc# 2411320212 Fee #133.00
KAREN A. YARBROUGH
COOK COUNTY CLERK'S OFFICE
DATE: 4/22/2024 11:31 AM
PAGE: 1 OF 21

MODEL: Default
FILE NAME: 121166-sht-plat06.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - TMM	REVISED -	
	DRAWN - TMM	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - RGJ	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

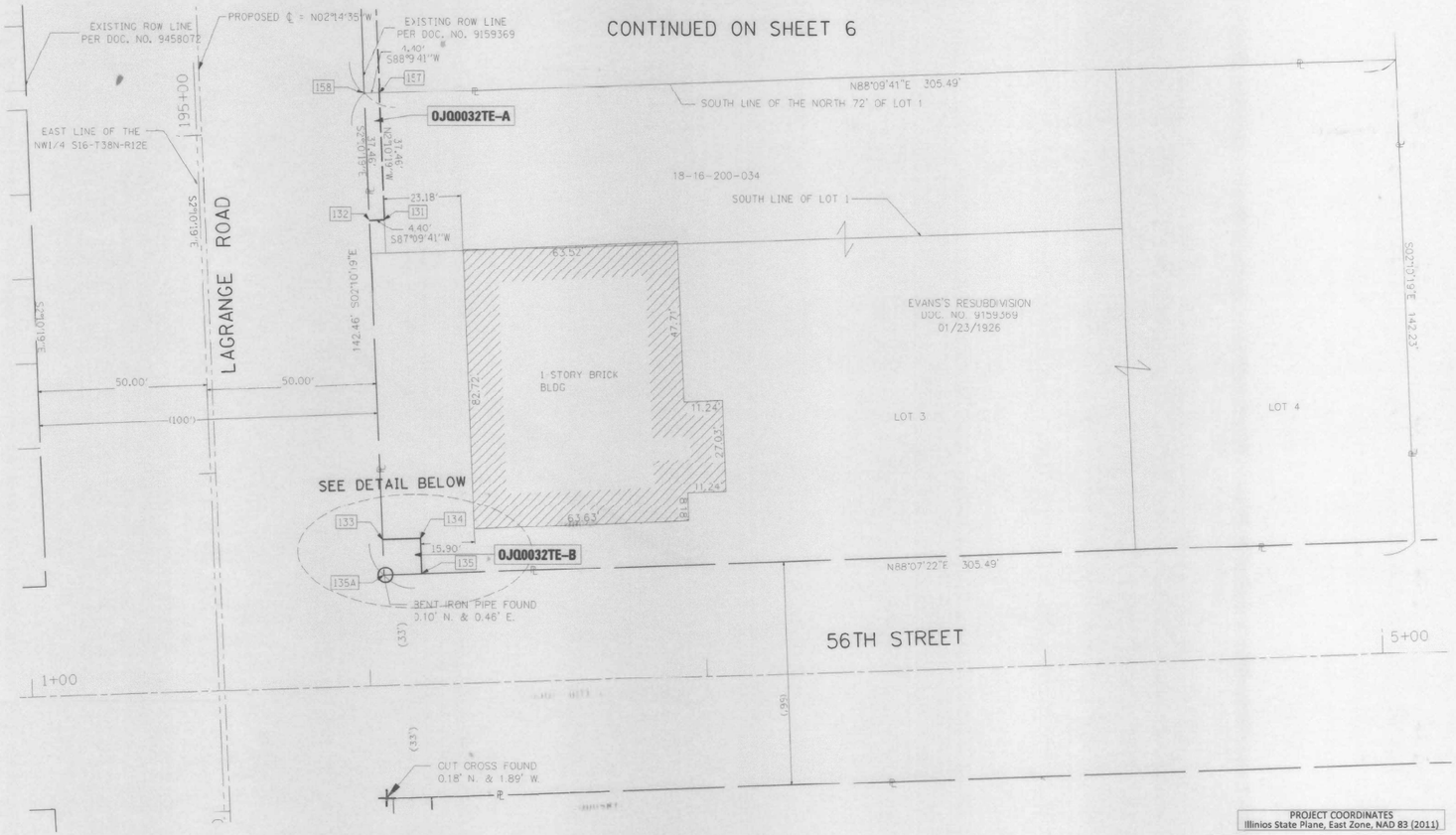
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

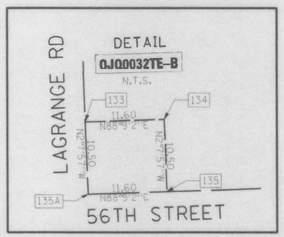
SCALE: | SHEET 6 OF 21 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	127
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

PART OF THE NE 1/4 OF SECTION 16, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



CONTINUED ON SHEET 8



PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
0JQ0032TE-A	0.998	N/A	N/A	0.998	0.004	164.82	18-16-200-004
0JQ0032TE-B		N/A	N/A	0.998	0.003	122.00	18-16-200-034 18-16-200-036

PROJECT COORDINATES
Illinios State Plane, East Zone, NAD 83 (2011)

COORDINATE TABLE

PT. #	STATION	OFFSET	NORTHING	EASTING
131	194+72.96	52.91RT	1866055.61	1111038.26
132	194+72.96	40.51RT	1866055.44	1111033.06
133	193+78.52	48.39RT	1865961.07	1111037.44
134	193+78.44	59.99RT	1865961.44	1111049.03
135A	193+67.94	48.38RT	1865950.56	1111037.84
135	193+68.01	59.99RT	1865950.94	1111049.42
157	195+10.42	52.95RT	1866093.20	1111036.83
158	195+10.45	48.55RT	1866092.90	1111032.44

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- 129.32' MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE FEET
SCALE: 1" = 20'

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011) ADJUSTMENT), EAST ZONE.

- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- "MAG" NAIL SET
- 5 / 8" REBAR SET
- **STAKING OF PROPOSED RIGHT OF WAY.** SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M **STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.**
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2001 ADJUSTMENT) "GRID"

ALL MEASURED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.9999911.

AREAS SHOWN ON THIS PLAT ARE COMPUTED GROUND DISTANCE.

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT WE, DB STERLIN CONSULTANTS, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001905, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 16, TOWNSHIP 38 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLYREPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 24TH DAY OF JANUARY, 2019 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3134
LICENSE EXPIRATION DATE: NOV. 30, 2020

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

THOMAS J. GALBRAITH 35-03134 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS Renewable 11-30-20 CHICAGO

DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1006 FAX. (312)857-1056

M2411320212
Doc# 2411320212 Fee $133.00
KAREN A. YARBROUGH
COOK COUNTY CLERK'S OFFICE
DATE: 4/22/2024 11:31 AM
PAGE: 1 OF 21

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
55TH STREET
LIMITS: US RTE 12/20/45 TO EAST AVE.
COUNTY: COOK
SECTION: JOB NO.: R-90-015-12
STATION: 194+72.96 TO 195+10.45
SCALE: 1" = 20' SHEET 7 OF 19

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

MODEL: Default
FILE NAME: I:\2116s-dtl-plat-07.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - TMM	REVISED -	
	DRAWN - TMM	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - RGJ	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

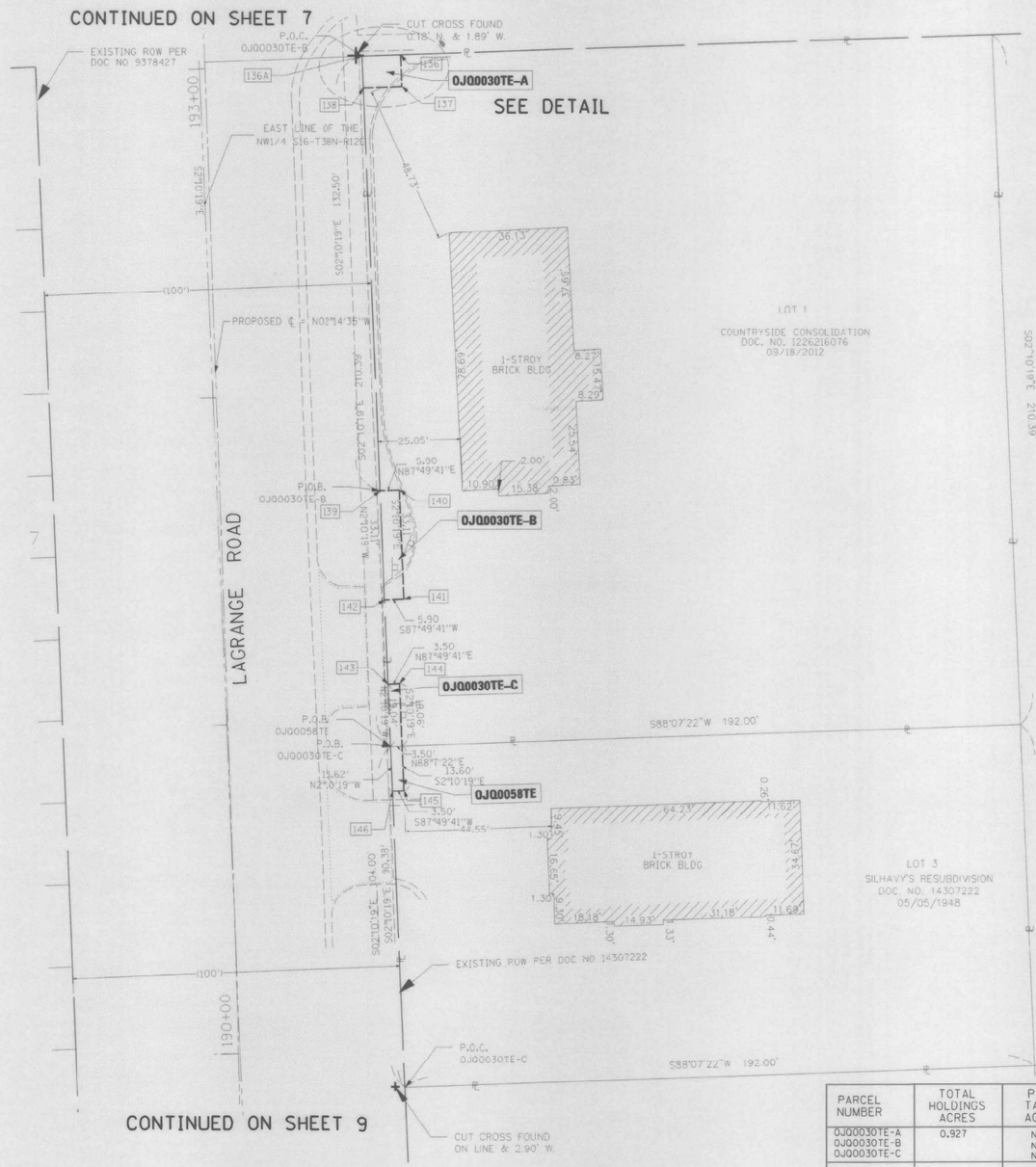
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

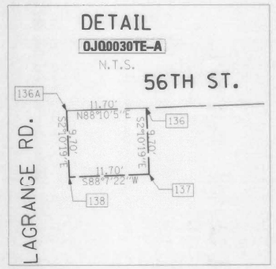
PLAT OF HIGHWAYS

SCALE: | SHEET 7 OF 21 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	128
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

PART OF THE NE 1/4 OF SECTION 16, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.





LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- 129.32' MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE FEET
SCALE: 1" = 20'

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011) ADJUSTMENT, EAST ZONE.

- IRON PIPE OR ROD FOUND
- 'MAG' NAIL SET
- CUT CROSS FOUND OR SET
- 5 / 8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011) ADJUSTMENT "GRID"

ALL MEASURED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999991.

AREAS SHOWN ON THIS PLAT ARE COMPUTED GROUND DISTANCE.

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT WE, DB STERLIN CONSULTANTS, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001909, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 16, TOWNSHIP 38 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLYREPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 24TH DAY OF JANUARY, 2019 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3134
LICENSE EXPIRATION DATE: NOV. 30, 2020

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

THOMAS J. GALBREATH 35-03134 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS Renewable 11-30-20 CHICAGO

PROJECT COORDINATES
Illinios State Plane, East Zone, NAD 83 (2011)

COORDINATE TABLE

PT. #	STATION	OFFSET	NORTHING	EASTING
136	193+01.94	60.00RT	1865884.993	1111052.031
136A	193+02.01	48.30RT	1865884.61	1111040.337
137	192+92.71	60.04RT	1865875.3	1111052.399
138	192+92.69	48.34 RT	1865874.917	1111040.705
139	191+69.89	49.15 RT	1865752.204	1111045.359
140	191+69.93	55.05 RT	1865752.428	1111051.255
141	191+36.82	55.27 RT	1865719.344	1111052.509
142	191+36.79	49.37 RT	1865719.121	1111046.614
143	191+11.04	49.54 RT	1865693.397	1111047.589
144	191+11.07	53.04 RT	1865693.53	1111051.087
145	190+92.01	53.16 RT	1865674.483	1111051.809
146	190+92.00	49.66 RT	1865674.369	1111048.311

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
OJQ0030TE-A	0.927	N/A	N/A	0.927	0.003	133.70	18-16-204-037
OJQ0030TE-B		N/A	N/A		0.005	195.36	
OJQ0030TE-C		N/A	N/A		0.002	66.57	
OJQ00058TE	0.458	N/A	N/A	0.458	0.001	47.59	18-16-204-030

2411320212
Doc# 2411320212 Fee $133.00
KAREN A. YARBROUGH
COOK COUNTY CLERK'S OFFICE
DATE: 4/22/2024 11:31 AM
PAGE: 1 OF 21

DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1006 FAX (312)857-1056

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
55TH STREET
LIMITS: US RTE 12/20/45 TO EAST AVE.
COUNTY: COOK
SECTION: JOB NO.: R-90-015-12
STATION: 190+92.00 TO 193+02.01
SCALE: 1" = 20' SHEET 8 OF 19

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

MODEL: Default
FILE NAME: 12-166-sht-plat-08.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - TMM	REVISED -	
	DRAWN - TMM	REVISED -	
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PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

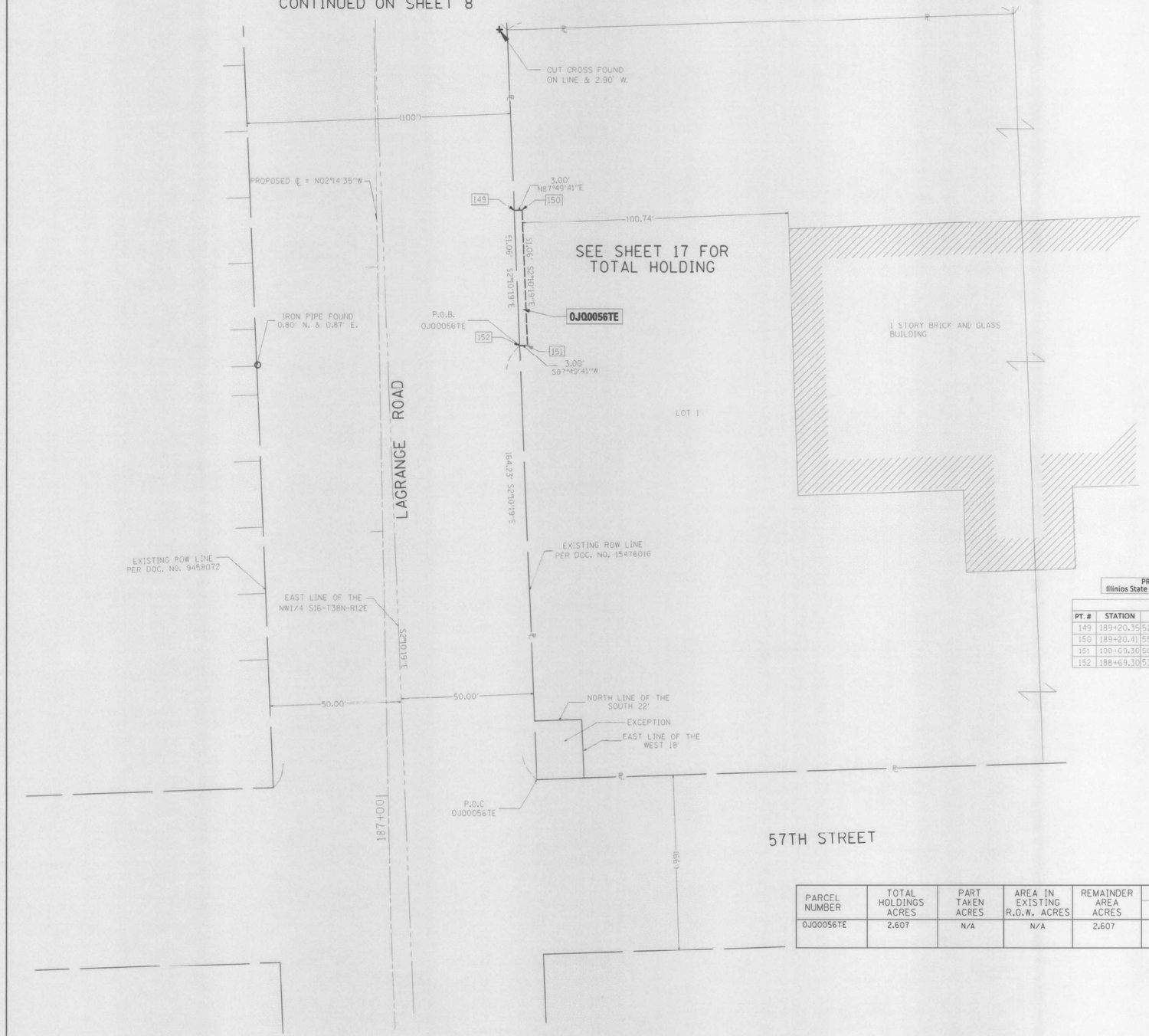
PLAT OF HIGHWAYS

SCALE: | SHEET 8 OF 21 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	129
		CONTRACT NO. 60R50		
	ILLINOIS FED. AID PROJECT			

PART OF THE NE 1/4 OF SECTION 16, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

CONTINUED ON SHEET 8



PROJECT COORDINATES
Illinios State Plane, East Zone, NAD 83 (2011)

COORDINATE TABLE				
PT. #	STATION	OFFSET	NORTHING	EASTING
149	189+20.35	52.05 RT	1865502.17	1111054.84
150	189+20.41	55.05 RT	1865502.28	1111057.84
151	188+69.36	55.05 RT	1865451.26	1111059.77
152	188+69.30	53.05 RT	1865451.15	1111056.78

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
0JQ00056TE	2.607	N/A	N/A	2.607	0.004	153.17	18-16-204-036

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- 129.32' MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE FEET 0 20'
SCALE: 1" = 20'

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM,NAD83 (2011) ADJUSTMENT,EAST ZONE.

- IRON PIPE OR ROD FOUND
- "MAG" NAIL SET
- CUT CROSS FOUND OR SET
- 5 / 8" REBAR SET
- **STAKING OF PROPOSED RIGHT OF WAY.** SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M **STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.**
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011 ADJUSTMENT) "GRID".

ALL MEASURED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.9999911.

AREAS SHOWN ON THIS PLAT ARE COMPUTED GROUND DISTANCE.

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT WE, DB STERLIN CONSULTANTS, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM (LAND SURVEYING CORPORATION, NUMBER 184-001909, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 16, TOWNSHIP 38 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 24TH DAY OF JANUARY, 2019 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3134
LICENSE EXPIRATION DATE: NOV. 30, 2020

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

THOMAS J. GALBREATH 35-03134 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS Renewable 11-30-20 CHICAGO

DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1006 FAX. (312)857-1056

Doc# 2411320212 Fee $133.00
KAREN A. YARBROUGH
COOK COUNTY CLERK'S OFFICE
Date: 4/22/2024 11:31 AM
PAGE: 1 OF 21

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
55TH STREET
LIMITS: US RTE 12/20/45 TO EAST AVE.
COUNTY: COOK
SECTION: JOB NO.: R-90-015-12
STATION: 188+69.30 TO 189+20.35
SCALE: 1" = 20' SHEET 9 OF 19

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

MODEL: Default
FILE NAME: I:\2166-alt-plat-09.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - TMM	REVISED -	
	DRAWN - TMM	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - RGJ	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

SCALE: | SHEET 9 OF 21 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	130
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

PART OF THE NE 1/4 OF SECTION 16 AND SE 1/4 OF SECTION 9, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
0JQ00037TE	0.676	N/A	N/A	0.676	0.036	N/A	18-16-200-038
0JQ00013TE-A	0.458	N/A	N/A	0.458	0.005	240.00	18-09-412-035
0JQ00013TE-B		N/A	N/A	0.458	0.003	115	18-09-412-029

PROJECT COORDINATES
Illinios State Plane, East Zone, NAD 83 (2011)

COORDINATE TABLE

PT. #	STATION	OFFSET	NORTHING	EASTING
160	101+77.11	67.00 LT	1866652.87	1111139.61
161	101+93.70	67.00 LT	1866653.41	1111156.19
162	101+93.70	60.00 LT	1866646.41	1111156.41
163	101+77.13	60.00 LT	1866645.92	1111139.85
164	102+88.97	60.01 LT	1866652.92	1111139.60
165	102+89.01	90.01 LT	1866653.12	1111145.80
166	102+97.05	90.00 LT	1866646.12	1111146.05
167	102+97.13	60.01 LT	1866645.92	1111139.85
92	102+05.13	49.96 RT	1866536.88	1111171.40
93	102+05.13	61.96 RT	1866524.88	1111171.79
94	103+35.37	62.01 RT	1866529.06	1111301.96
95	103+35.38	50.01 RT	1866541.05	1111301.58

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- 129.32' MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE FEET
SCALE: 1" = 20'

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011) ADJUSTMENT, EAST ZONE.

- IRON PIPE OR ROD FOUND
- 'MAG' NAIL SET
- + CUT CROSS FOUND OR SET
- 5 / 8" REBAR SET
- ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M ■ STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011 ADJUSTMENT) "GRID"

ALL MEASURED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BT THE COMBINATION FACTOR OF 0.9999911.

AREAS SHOWN ON THIS PLAT ARE COMPUTED GROUND DISTANCE.

STATE OF ILLINOIS)
) ISS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT WE, DB STERLIN CONSULTANTS, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001909, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 9 AND SECTION 16, TOWNSHIP 38 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 24TH DAY OF JANUARY, 2019 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3134
LICENSE EXPIRATION DATE: NOV. 30, 2020

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

THOMAS J. GALBRAITH 35-03134 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS Renewable 11-30-20 CHICAGO

DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1006 FAX. (312)857-1056

Doc# 2411730212 Fee $133.00
KAREN A. YARBROUGH
COOK COUNTY CLERK'S OFFICE
DATE: 4/23/2024 11:11 AM
PAGE: 1 OF 21

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
55TH STREET
LIMITS: US RTE 12/20/45 TO EAST AVE.
COUNTY: COOK
SECTION: JOB NO.: R-90-015-12
STATION: 101+77.11 TO 103+35.38
SCALE: 1" = 20' SHEET 10 OF 19

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

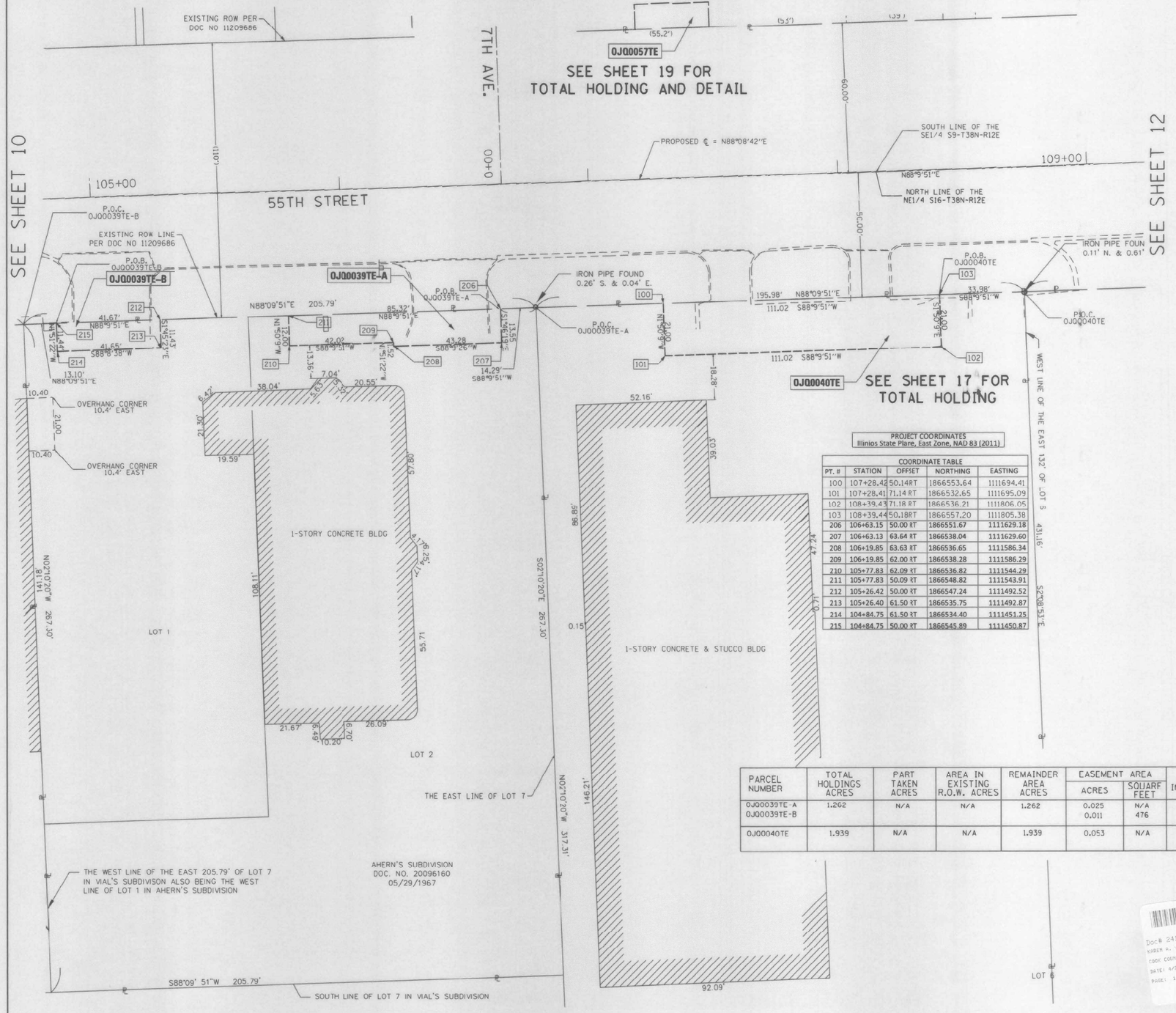
BLOCK 8 IN SHERMAN GARDEN'S REC. 09/05/1929 DOC. NO. 10471889
SEE DETAIL "B"
SEE SHEET 18 FOR TOTAL HOLDING
CONTINUED ON SHEET 5
CONTINUED ON SHEET 11
6TH AVE.
55TH STREET
LOT 22
LOT 23
EXISTING ROW PER DOC NO 11209686
S88°09'51"W 120.00'
0JQ0013TE-A
0JQ0013TE-B
P.O.B 0JQ00013TE-B
SOUTH LINE OF THE SE1/4 S9-T38N-R12E
NORTH LINE OF THE NE1/4 S16-T38N-R12E
PROPOSED ℄ = N88°08'42"E
IRON PIPE FOUND 0.19' S. & 0.04' E.
EXISTING ROW LINE PER DOC NO 11209686
P.O.C. 0JQ00037TE
P.O.B. 0JQ00037TE
0JQ00037TE
N88°09'51"E 147.20'
N88°09'51"E 130.25'
S88°09'51"W 130.25'
N88°09'51"E 125.00'
S02°10'19"E 150.00'
N02°10'19"W 200.00'
S02°10'20"E 200.00'
N02°10'20"W 267.30'
S02°10'20"E 50.00'
S88°09'51"W 147.19'
NORTH LINE OF THE SOUTH 67.30' OF LOT 7
EAST LINE OF THE WEST 200' OF LOT 7
WEST LINE OF THE EAST 330.79' OF LOT 7
WEST LINE OF THE EAST 330.79' OF LOT 7
LOT 7
VIAL'S SUBDIVISION DOC. NO. 4519902 03/07/1910
1 STORY BRICK BUILDING
18-16-200-038
18 16 200 026
82.82'
OVERHANG CORNER 10.4' EAST
OVERHANG CORNER 10.4' EAST
THE EAST LINE OF THE WEST 125' OF THE EAST 330.79' OF LOT 7
THE WEST LINE OF THE EAST 205.79' OF LOT 7 IN VIAL'S SUBDIVISON ALSO BEING THE WEST LINE OF LOT 1 IN AHERN'S SUBDIVISION
THE WEST LINE OF THE EAST IN VIAL'S SUBDIVISON ALSO BE LINE OF LOT 1 IN AHERN'S SU
THE SOUTH

SEE DETAIL "B"
N.T.S.
0JQ0013TE-A
8.00' S88°09'51"W
30.00' S02°10'33"E
30.00' N2°00'33"W
8.00' N88°9'51"E
6TH AVE.
55TH STREET

BURNS McDONNELL	USER NAME = rjiang	DESIGNED - TMM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAT OF HIGHWAYS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - TMM	REVISED -			1504	0104WRS&N-11	COOK	277	131
	PLOT SCALE = 2.0000 ' / in.	CHECKED - RGJ	REVISED -					CONTRACT NO. 60R50		
	PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -		SCALE: SHEET 10 OF 21 SHEETS STA. TO STA.			ILLINOIS	FED. AID PROJECT	

MODEL: Default
FILE NAME: 121166-dh-plan-10.dgn

PART OF THE NE 1/4 OF SECTION 16, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



PROJECT COORDINATES
Illinios State Plare, East Zone, NAD 83 (2011)

COORDINATE TABLE

PT. #	STATION	OFFSET	NORTHING	EASTING
100	107+28.42	50.14RT	1866553.64	1111694.41
101	107+28.41	71.14 RT	1866532.65	1111695.09
102	108+39.43	71.18 RT	1866536.21	1111806.05
103	108+39.44	50.18RT	1866557.20	1111805.38
206	106+63.15	50.00 RT	1866551.67	1111629.18
207	106+63.13	63.64 RT	1866538.04	1111629.60
208	106+19.85	63.63 RT	1866536.65	1111586.34
209	106+19.85	62.00 RT	1866538.28	1111586.29
210	105+77.83	62.09 RT	1866536.82	1111544.29
211	105+77.83	50.09 RT	1866548.82	1111543.91
212	105+26.42	50.00 RT	1866547.24	1111492.52
213	105+26.40	61.50 RT	1866535.75	1111492.87
214	104+84.75	61.50 RT	1866534.40	1111451.25
215	104+84.75	50.00 RT	1866545.89	1111450.87

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
0JQ00039TE-A 0JQ00039TE-B	1.262	N/A	N/A	1.262	0.025 0.011	N/A 476	18-16-200-042
0JQ0040TE	1.939	N/A	N/A	1.939	0.053	N/A	18-16-201-009 18-16-201-024

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- 129.32' MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE FEET 0 20'
SCALE: 1" = 20'

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011) ADJUSTMENT), EAST ZONE.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- \+ CUT CROSS FOUND OR SET
- ● 5 / 8" REBAR SET
- ■ STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M ■ STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.

- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2001 ADJUSTMENT) "GRID"

ALL MEASURED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BT THE COMBINATION FACTOR OF 0.9999911.

AREAS SHOWN ON THIS PLAT ARE COMPUTED GROUND DISTANCE.

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT WE, DB STERLIN CONSULTANTS, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001909, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 16, TOWNSHIP 38 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLYREPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 25TH DAY OF JANUARY, 2019 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3134
LICENSE EXPIRATION DATE: NOV. 30, 2020

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

THOMAS J. GALBRAITH 35-03134 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS Renewable 11-30-20 CHICAGO

DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1006 FAX. (312)857-1056

Doc# 2411320212 Fee $133.00
KAREN A. YARBROUGH
COOK COUNTY CLERK'S OFFICE
DATE: 4/22/2024 11:31 AM
PAGE: 1 OF 21

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
55TH STREET
LIMITS: US RTE 12/20/45 TO EAST AVE.
COUNTY: COOK
SECTION: JOB NO.: R-90-015-12
STATION: 105+77.83 TO 108+39.44
SCALE: 1" = 20' SHEET 11 OF 19

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

MODEL: Default
FILE NAME: I:\2116\cadd\plat-11.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - TMM	REVISED -	
	DRAWN - TMM	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - RGJ	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

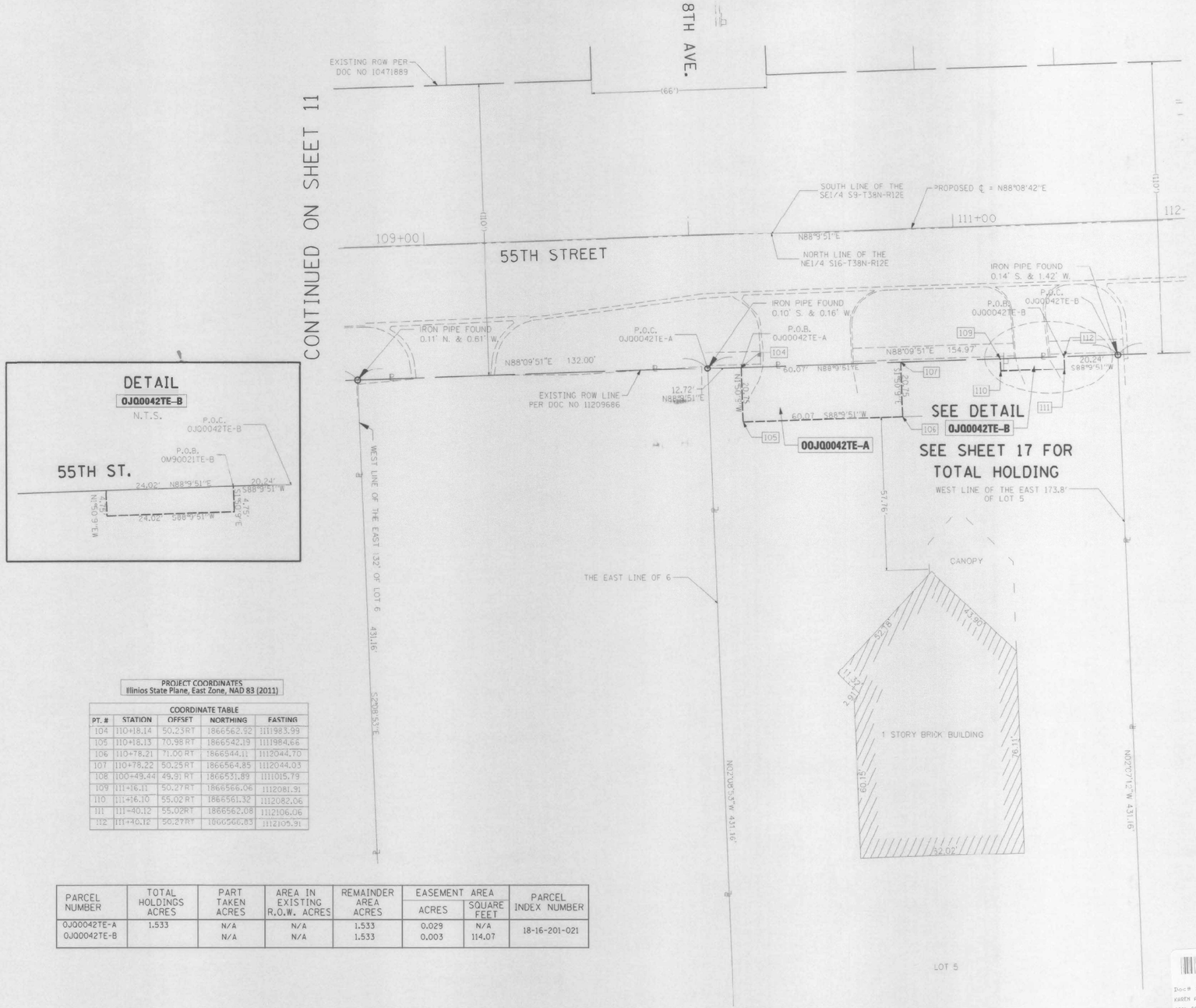
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

SCALE: | SHEET 11 OF 21 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	132
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	

PART OF THE NE 1/4 OF SECTION 16, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



DETAIL
0JQ0042TE-B
N.T.S.

PROJECT COORDINATES
Illinois State Plane, East Zone, NAD 83 (2011)

COORDINATE TABLE

PT. #	STATION	OFFSET	NORTHING	EASTING
104	110+18.14	50.23RT	1866562.92	1111983.99
105	110+18.13	70.98 RT	1866542.19	1111984.66
106	110+78.21	71.00 RT	1866544.11	1112044.70
107	110+78.22	50.25RT	1866564.85	1112044.03
108	100+49.44	49.31 RT	1866531.89	1111015.79
109	111+16.11	50.27RT	1866566.06	1112081.91
110	111+16.10	55.02 RT	1866561.32	1112082.06
111	111+40.12	55.02RT	1866562.08	1112106.06
112	111+40.12	50.27RT	1866566.83	1112105.91

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
0JQ00042TE-A	1.533	N/A	N/A	1.533	0.029	N/A	18-16-201-021
0JQ00042TE-B		N/A	N/A	1.533	0.003	114.07	

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- 129.32' MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE FEET
SCALE: 1" = 20'

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM,NAD83 (2011) ADJUSTMENT),EAST ZONE.

- IRON PIPE OR ROD FOUND
- "MAG" NAIL SET
- CUT CROSS FOUND OR SET
- 5 / 8" REBAR SET
- **STAKING OF PROPOSED RIGHT OF WAY.** SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M **STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.**
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011 ADJUSTMENT) "GRID"

ALL MEASURED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.9999911.

AREAS SHOWN ON THIS PLAT ARE COMPUTED GROUND DISTANCE.

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT WE, DB STERLIN CONSULTANTS, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001909, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 16, TOWNSHIP 38 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLYREPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 25TH DAY OF JANUARY, 2019 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3134
LICENSE EXPIRATION DATE: NOV. 30, 2020

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

THOMAS J. GALBRAITH 35-03134 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS Renewable 11-30-20 CHICAGO

DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1006 FAX. (312)857-1056

Doc# 2411720212 Fee: $133.00
KAREN A. YARBROUGH
COOK COUNTY CLERK'S OFFICE
DATE: 4/22/2024 11:31 AM
PAGE: 1 OF 21

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
55TH STREET
LIMITS: US RTE 12/20/45 TO EAST AVE.
COUNTY: COOK
SECTION: JOB NO.: R-90-015-12
STATION: 110+18.13 TO 111+14.12
SCALE: 1" = 20' SHEET 12 OF 19

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

MODEL: Default
FILE NAME: I:\2166-alt-plat-12.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - TMM	REVISED -	
	DRAWN - TMM	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - RGJ	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

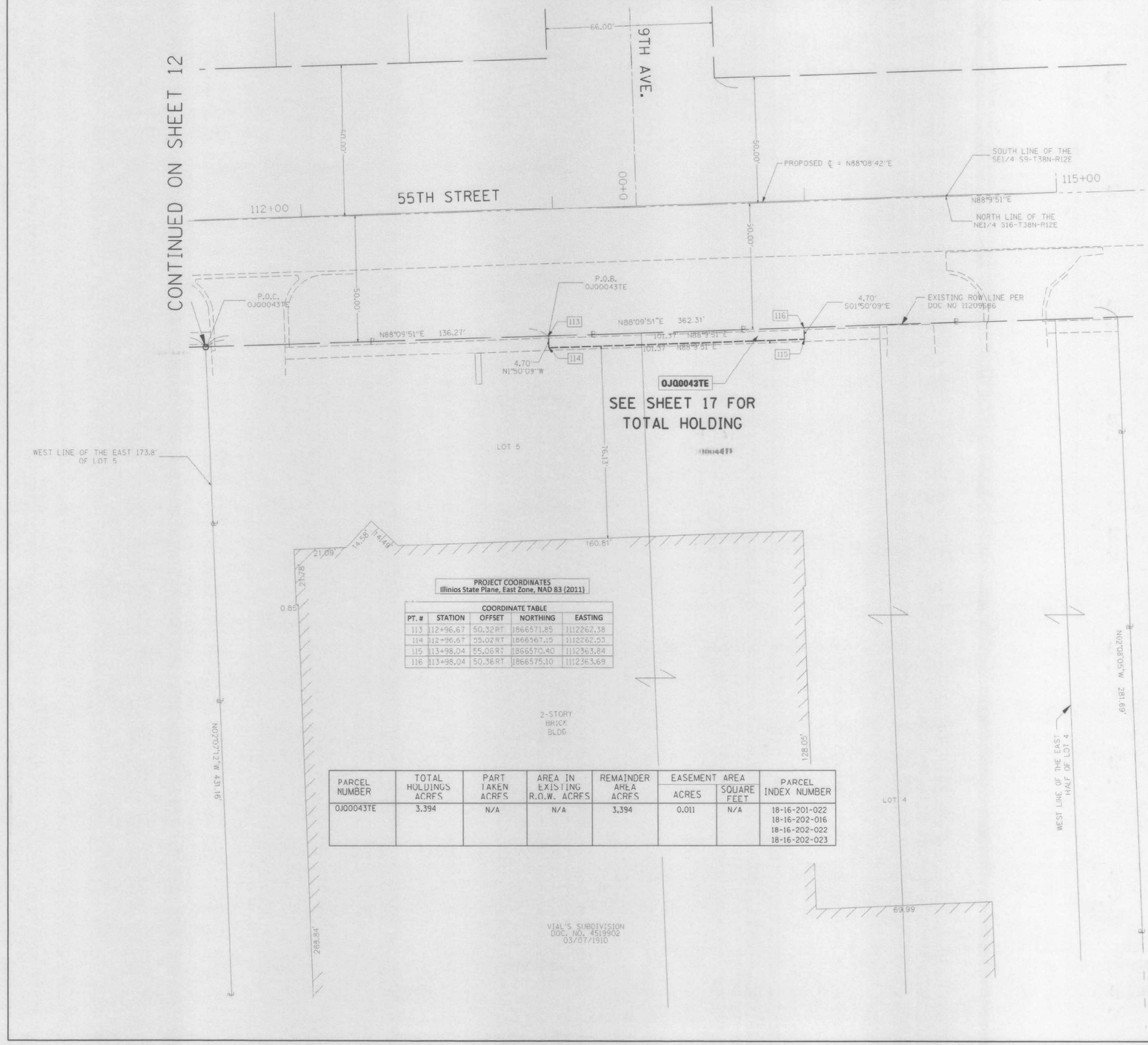
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

SCALE: | SHEET 12 OF 21 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	133
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

PART OF THE NE 1/4 OF SECTION 16, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



PROJECT COORDINATES
Illinois State Plane, East Zone, NAD 83 (2011)

COORDINATE TABLE

PT. #	STATION	OFFSET	NORTHING	EASTING
113	112+96.67	50.32RT	1866571.85	1112262.38
114	112+96.67	55.02RT	1866567.15	1112262.53
115	113+98.04	55.06RT	1866570.40	1112363.84
116	113+98.04	50.36RT	1866575.10	1112363.69

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
OJQ0043TE	3.394	N/A	N/A	3.394	0.011	N/A	18-16-201-022 18-16-202-016 18-16-202-022 18-16-202-023

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
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- PROPOSED CENTERLINE
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- PROPOSED RIGHT OF WAY LINE
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- (129.32') RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE FEET
SCALE: 1" = 20'

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM,NAD83 (2011) ADJUSTMENT),EAST ZONE.

- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- "MAG" NAIL SET
- ● 5 / 8" REBAR SET
- ■ ●STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
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)SS
COUNTY OF COOK)

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DATED AT CHICAGO, ILLINOIS THIS 24TH DAY OF JANUARY, 2019 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3134
LICENSE EXPIRATION DATE: NOV. 30, 2020

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

THOMAS J. GALBRAITH 35-3134 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS Renewable 11-30-20 CHICAGO

DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1006 FAX. (312)857-1056

Doc# 2411320212 Fee $133.00
KAREN A. YARBOUGH
COOK COUNTY CLERK'S OFFICE
DATE: 4/23/2024 11:31 AM
PAGE: 1 OF 21

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
55TH STREET
LIMITS: US RTE 12/20/45 TO EAST AVE.
COUNTY: COOK
SECTION: JOB NO.: R-90-015-12
STATION: 112+96.67 TO 113+98.04
SCALE: 1" = 20' SHEET 13 OF 19

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

MODEL: Default
FILE NAME: I:\2116\c-alt\plat-13.dgn

BURNS McDONNELL

USER NAME = rjiang		DESIGNED - TMM		REVISED -	
		DRAWN - TMM		REVISED -	
PLOT SCALE = 2.0000 ' / in.		CHECKED - RGJ		REVISED -	
PLOT DATE = 8/3/2024		DATE - 08/05/2024		REVISED -	

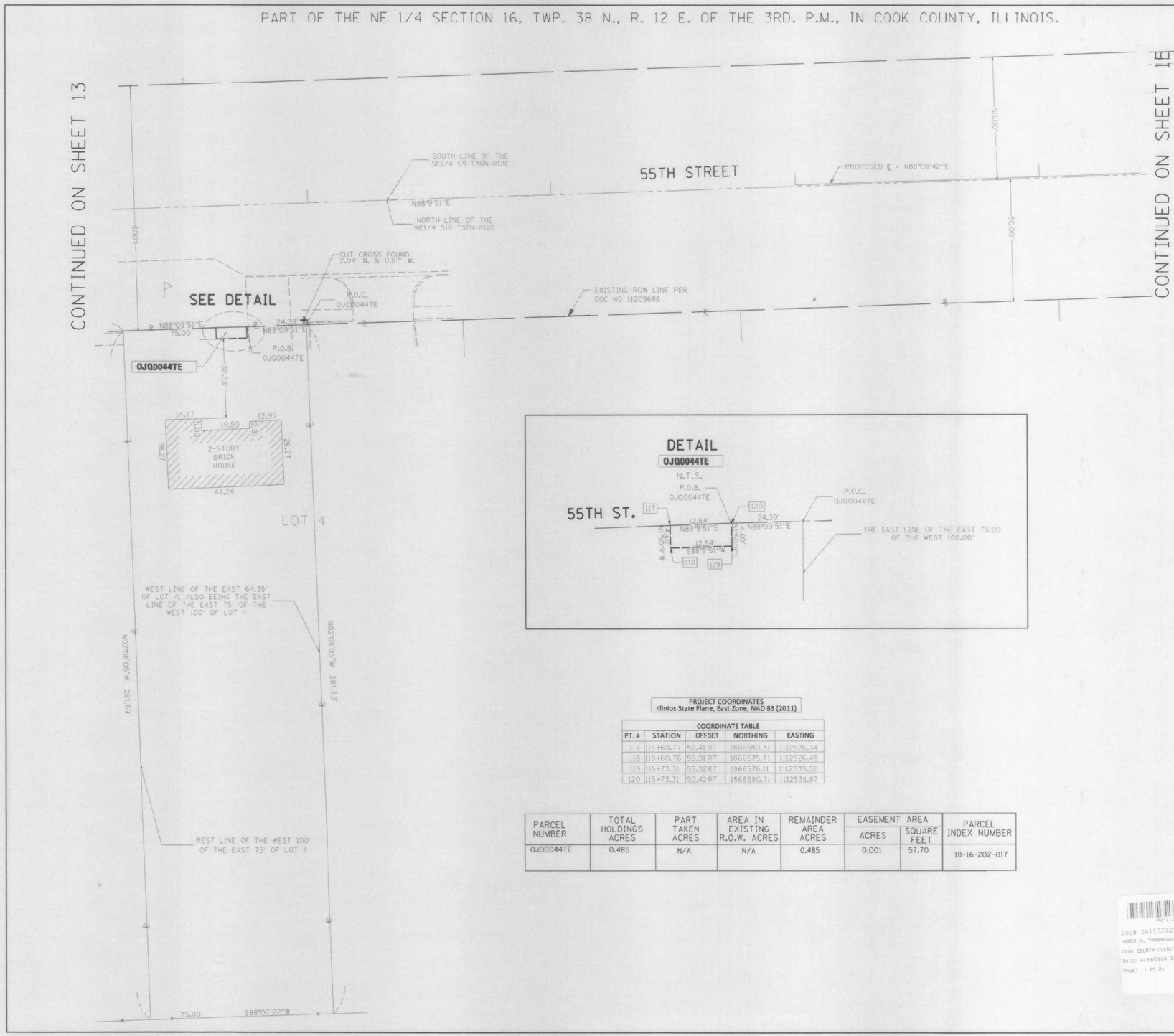
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

SCALE: | SHEET 13 OF 21 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	134
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	

PART OF THE NE 1/4 SECTION 16, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



PROJECT COORDINATES
Illinois State Plane, East Zone, NAD 83 (2011)

COORDINATE TABLE

PT. #	STATION	OFFSET	NORTHING	EASTING
117	115+60.77	50.41 RT	1866580.31	1112526.34
118	115+60.76	55.31 RT	1866575.71	1112526.49
119	115+73.31	55.32 RT	1866576.11	1112539.02
120	115+73.31	50.42 RT	1866580.71	1112538.87

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
0J00044TE	0.485	N/A	N/A	0.485	0.001	57.70	18-16-202-017

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- 129.32' MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE FEET
SCALE: 1" = 20'

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011) ADJUSTMENT), EAST ZONE.

- IRON PIPE OR ROD FOUND
- "MAG" NAIL SET
- CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011 ADJUSTMENT) "GRID"

ALL MEASURED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BT THE COMBINATION FACTOR OF 0.9999911.

AREAS SHOWN ON THIS PLAT ARE COMPUTED GROUND DISTANCE.

STATE OF ILLINOIS)
) SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT WE, DB STERLIN CONSULTANTS, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001909, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 16, TOWNSHIP 38 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLYREPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 25TH DAY OF JANUARY, 2019 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3134
LICENSE EXPIRATION DATE: NOV. 30, 2020

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

THOMAS J. GALBREATH 35-3134 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS Renewable 11-30-20 CHICAGO

DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1006 FAX. (312)857-1056

Doc# 2411320212 Fee $133.00
KAREN A. YARBROUGH
COOK COUNTY CLERK'S OFFICE
DATE: 4/23/2024 11:31 AM
PAGE: 1 OF 21

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
55TH STREET
LIMITS: US RTE 12/20/45 TO EAST AVE.
COUNTY: COOK
SECTION: JOB NO.: R-90-015-12
STATION: 115+60.76 TO 115+73.31
SCALE: 1" = 20' SHEET 14 OF 19

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

MODEL: Default
FILE NAME: 12166-ihs-plat-14.dgn

BURNS McDONNELL

USER NAME = rjlang	DESIGNED - TMM	REVISED -	
	DRAWN - TMM	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - RGJ	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

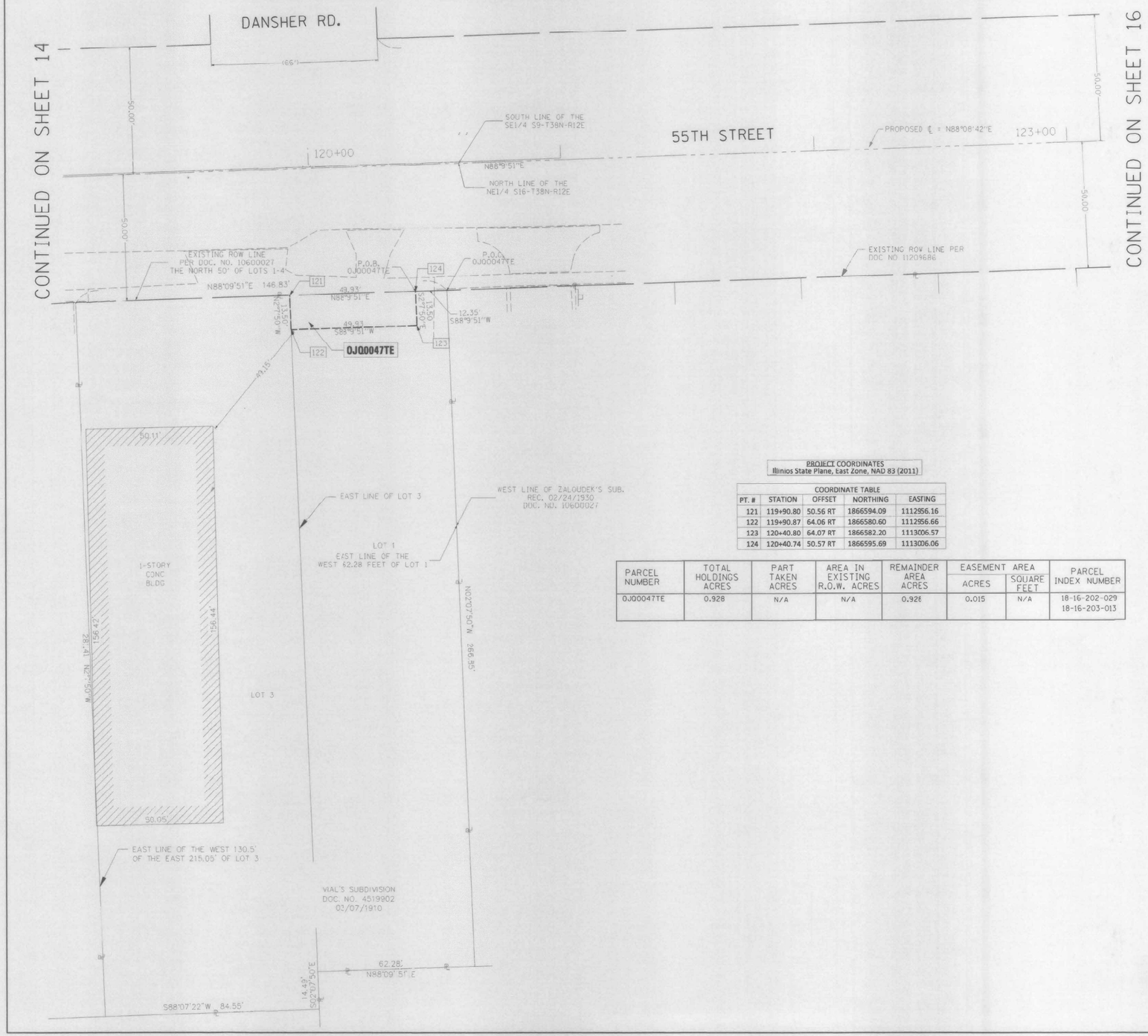
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

SCALE: | SHEET 14 OF 21 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	135
		CONTRACT NO. 60R50		
	ILLINOIS FED. AID PROJECT			

PART OF THE NE 1/4 OF SECTION 16, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



PROJECT COORDINATES
Illinois State Plane, East Zone, NAD 83 (2011)

COORDINATE TABLE

PT. #	STATION	OFFSET	NORTHING	EASTING
121	119+90.80	50.56 RT	1866594.09	1112956.16
122	119+90.87	64.06 RT	1866580.60	1112956.66
123	120+40.80	64.07 RT	1866582.20	1113006.57
124	120+40.74	50.57 RT	1866595.69	1113006.06

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
OJQ0047TE	0.928	N/A	N/A	0.92±	0.015	N/A	18-16-202-029 18-16-203-013

LEGEND

SECTION CORNER — QUARTER SECTION CORNER

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APL — APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- AC — EXISTING ACCESS CONTROL LINE
- AC — PROPOSED ACCESS CONTROL LINE
- 129.32' — MEASURED DIMENSION
- 129.32' (COMP) — COMPUTED DIMENSION
- (129.32') — RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE FEET
SCALE: 1" = 20'

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011) ADJUSTMENT, EAST ZONE.

- ○ IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- \+ CUT CROSS FOUND OR SET
- ● 5 / 8" REBAR SET
- ■ **STAKING OF PROPOSED RIGHT OF WAY.** SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M ■ **STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.**

PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
RIGHT OF WAY STAKING PROPOSED TO BE SET

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011 ADJUSTMENT) "GRID"

ALL MEASURED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.9999911.

AREAS SHOWN ON THIS PLAT ARE COMPUTED GROUND DISTANCE.

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

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DATED AT CHICAGO, ILLINOIS THIS 25TH DAY OF JANUARY, 2019 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3134
LICENSE EXPIRATION DATE: NOV. 30, 2020

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

THOMAS J. GALBREATH 35-03134 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS Renewable 11-30-20 CHICAGO

DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1006 FAX. (312)857-1056

#2411320212#
Doc# 2411320212 Fee $133.00
KAREN M. THARBOUGH
COOK COUNTY CLERK'S OFFICE
DATE: 4/22/2024 11:31 AM
PAGE: 1 OF 21

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
55TH STREET
LIMITS: US RTE 12/20/45 TO EAST AVE.
COUNTY: COOK
SECTION: JOB NO.: R-90-015-12
STATION: 119+90.80 TO 120+40.80
SCALE: 1" = 20' SHEET 15 OF 19

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

MODEL: Default
FILE NAME: 121166-sht-plan-15.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - TMM	REVISED -	
	DRAWN - TMM	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - RGJ	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

SCALE: | SHEET 15 OF 21 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	136
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

PART OF THE NE 1/4 OF SECTION 16, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- 129.32' MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE FEET 0 20' 40'
SCALE: 1" = 20'

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM,NAD83 (2011) ADJUSTMENT),EAST ZONE.

- IRON PIPE OR ROD FOUND
- "MAG" NAIL SET
- CUT CROSS FOUND OR SET
- 5 / 8" REBAR SET
- **STAKING OF PROPOSED RIGHT OF WAY.** SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M ■ **STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.**
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2001 ADJUSTMENT) "GRID".

ALL MEASURED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999991.

AREAS SHOWN ON THIS PLAT ARE COMPUTED GROUND DISTANCE.

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT WE, DB STERLIN CONSULTANTS, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001909, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 16, TOWNSHIP 38 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLYREPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 25TH DAY OF JANUARY, 2019 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3134
LICENSE EXPIRATION DATE: NOV. 30, 2020

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

THOMAS J. GALBRAITH 35-03134 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS Renewable 11-30-20 CHICAGO

DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1006 FAX. (312)857-1056

Doc# 2411320212 Fee $133.00
KAREN A. YARBROUGH
COOK COUNTY CLERK'S OFFICE
DATE: 4/26/2024 11:31 AM
PAGE: 1 OF 21

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
55TH STREET
LIMITS: US RTE 12/20/45 TO EAST AVE.
COUNTY: COOK
SECTION: JOB NO.: R-90-015-12
STATION: 97+58.55 TO 99+49.73
SCALE: 1" = 20' SHEET 16 OF 19

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

MODEL: Default
FILE NAME: I:\2186-alt-plat-16.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - TMM	REVISED -	
	DRAWN - TMM	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - RGJ	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

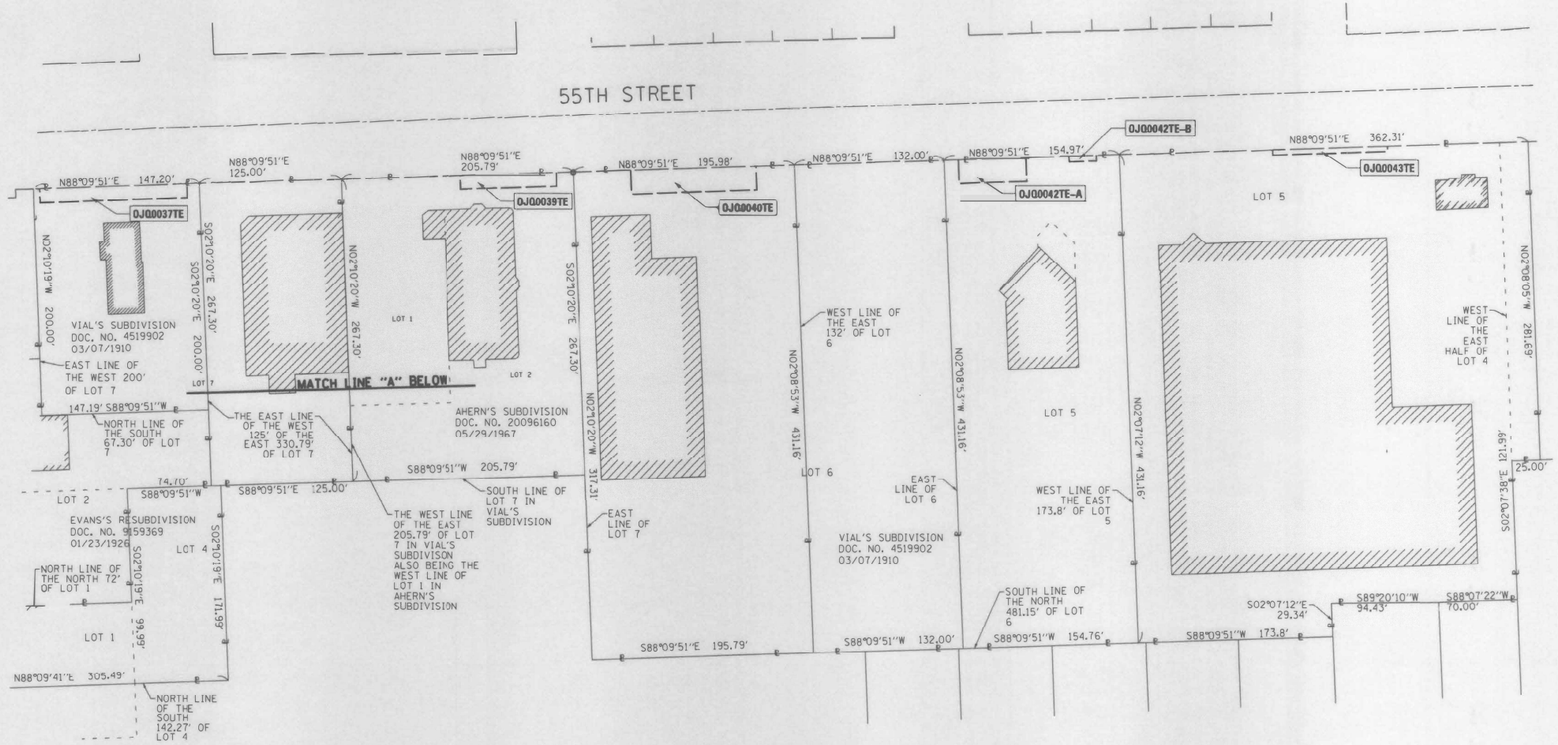
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

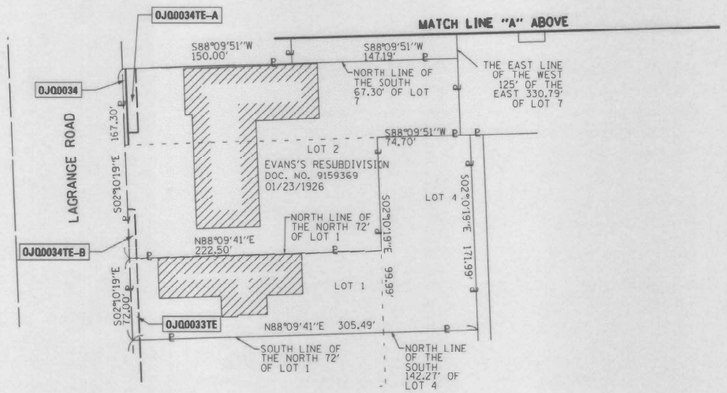
PLAT OF HIGHWAYS

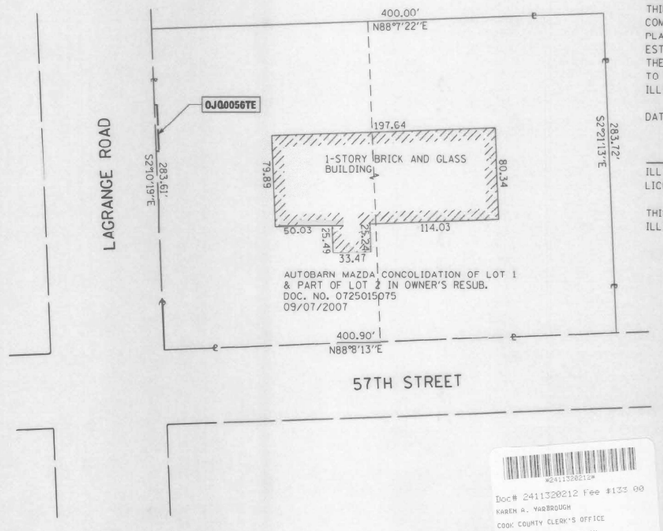
SCALE: | SHEET 16 OF 21 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	137
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

PART OF THE NE 1/4 OF SECTION 16 AND SE 1/4 OF SECTION 9, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.







LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APL — APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
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- AC — EXISTING ACCESS CONTROL LINE
- AC — PROPOSED ACCESS CONTROL LINE
- 129.32' — MEASURED DIMENSION
- 129.32' (COMP) — COMPUTED DIMENSION
- (129.32') — RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE FEET 0 60'
SCALE: 1" = 60'

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011) ADJUSTMENT), EAST ZONE.

- ○ IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- \+ CUT CROSS FOUND OR SET
- ● 5 / 8" REBAR SET
- ■ STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M ■ STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.
- PERMANENT SURVEY MARKER. I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011 ADJUSTMENT) "GRID"

ALL MEASURED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.9999911.

AREAS SHOWN ON THIS PLAT ARE COMPUTED GROUND DISTANCE.

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT WE, DB STERLIN CONSULTANTS, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001909, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 9 AND SECTION 16, TOWNSHIP 38 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 25TH DAY OF JANUARY, 2019 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3134
LICENSE EXPIRATION DATE: NOV. 30. 2020

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

THOMAS J. GALBRAITH 35-03134 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS Renewable 11-30-20 CHICAGO

DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1006 FAX. (312)857-1056

Doc# 2411320212 Fee #133.00
KAREN A. YARBROUGH
COOK COUNTY CLERK'S OFFICE
DATE: 4/22/2024 11:31 AM
PAGE: 1 OF 21

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
55TH STREET
LIMITS: US RTE 12/20/45 TO EAST AVE.
COUNTY: COOK
SECTION: JOB NO.: R-90-015-12
STATION: 97+58.55 TO 99+49.73
SCALE: 1" = 60' SHEET 17 OF 19

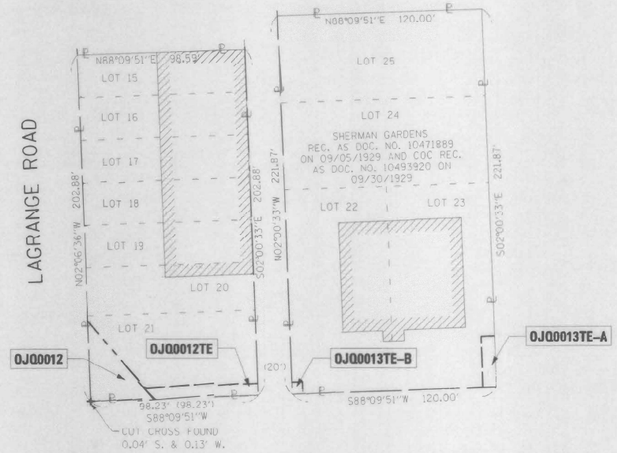
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

MODEL: Default
FILE NAME: I21166-dh-plat-17.dgn

BURNS McDONNELL	USER NAME = rjiang	DESIGNED - TMM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAT OF HIGHWAYS
		DRAWN - TMM	REVISED -		
	PLOT SCALE = 2.0000 ' / in.	CHECKED - RGJ	REVISED -		SCALE: SHEET 17 OF 21 SHEETS STA. TO STA.
	PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	138
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	

PART OF THE SE 1/4 OF SECTION 9, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



LEGEND

SECTION CORNER

QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINES
PROPERTY (DEED) LINE
APPARENT PROPERTY LINE
EXISTING CENTERLINE
PROPOSED CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
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PROPOSED ACCESS CONTROL LINE
129.32' MEASURED DIMENSION
129.32' (COMP) COMPUTED DIMENSION
(129.32') RECORDED DIMENSION
EXISTING BUILDING

GRAPHIC SCALE
FEET
0 20 40
SCALE: 1" = 40'

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011) ADJUSTMENT), EAST ZONE.

- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- "MAG" NAIL SET
- 5/8" REBAR SET
- **STAKING OF PROPOSED RIGHT OF WAY.** SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M ■ **STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.**
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

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STATE OF ILLINOIS)
) SS
COUNTY OF COOK)

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DATED AT CHICAGO, ILLINOIS THIS 25TH DAY OF JANUARY, 2019 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3134
LICENSE EXPIRATION DATE: NOV. 30, 2020

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THOMAS J. GALBRAITH 35-03134 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS Renewable 11-30-20 CHICAGO

DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1006 FAX. (312)857-1056

Doc# 2411320212 Fee $133.00
KAREN A. YARBROUGH
COOK COUNTY CLERK'S OFFICE
DATE: 4/22/2024 11:31 AM
PAGE: 1 OF 21

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
55TH STREET
LIMITS: US RTE 12/20/45 TO EAST AVE.
COUNTY: COOK
SECTION: JOB NO.: R-90-015-12
STATION: 100+58.90 TO 102+05.13
SCALE: 1" = 40' SHEET 18 OF 19

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

MODEL: Default
FILE NAME: I:\2116\c-alt\plat-18.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - TMM	REVISED -	
	DRAWN - TMM	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - RGJ	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

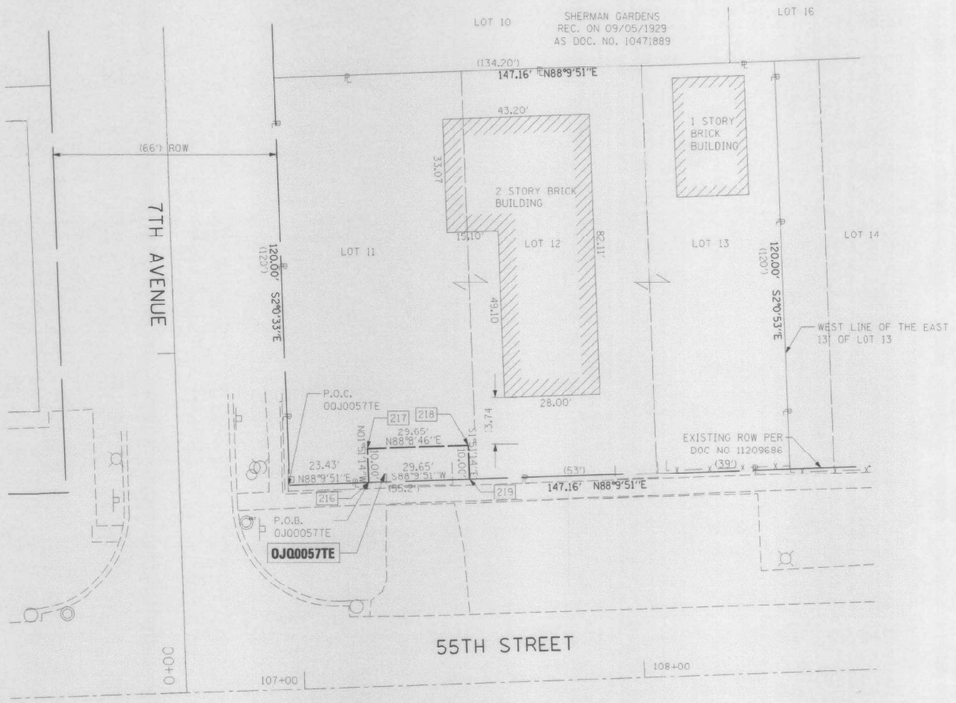
PLAT OF HIGHWAYS

SCALE: | SHEET 18 OF 21 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	139
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

PART OF THE SE 1/4 OF SECTION 9, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

OJQ0057TE TOTAL HOLDING AND DETAIL



PROJECT COORDINATES
Illinois State Plane, East Zone, NAD 83 (2011)

COORDINATE TABLE

PT. #	STATION	OFFSET	NORTHING	EASTING
216	107+20.96	60.00LT	1866663.48	1111683.40
217	107+20.96	70.00LT	1866673.48	1111683.08
218	107+50.61	70.00LT	1866664.44	1111712.71
219	107+50.61	60.00LT	1866664.44	1111713.03

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
0JQ0057TE	0.406	N/A	N/A	0.406	0.007	297	18-09-414-021 18-09-414-022 18-09-414-026

LEGEND

- SECTION CORNER (9 | 10 / 16 | 15)
- QUARTER SECTION CORNER (16 — 15)
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- 129.32' MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE
FEET
SCALE: 1" = 20'

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011) ADJUSTMENT), EAST ZONE.

- o IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- \+ CUT CROSS FOUND OR SET
- ● 5 / 8" REBAR SET
- ■ **STAKING OF PROPOSED RIGHT OF WAY.** SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M ■ **STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.**

- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011 ADJUSTMENT) "GRID".

ALL MEASURED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.9999911.

AREAS SHOWN ON THIS PLAT ARE COMPUTED GROUND DISTANCE.

STATE OF ILLINOIS)
) SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT WE, DB STERLIN CONSULTANTS, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001909, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 9, TOWNSHIP 38 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 25TH DAY OF JANUARY, 2019 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3134
LICENSE EXPIRATION DATE: NOV. 30, 2020

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

THOMAS J. GALBREATH 35-3134 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS Renewable 11-30-20 CHICAGO

DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1006 FAX. (312)857-1056

Doc# 2411720212 Fee $133.00
KAREN A. YARBROUGH
COOK COUNTY CLERK'S OFFICE
DATE: 4/22/2024 11:31 AM
PAGE: 1 OF 21

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
55TH STREET
LIMITS: US RTE 12/20/45 TO EAST AVE.
COUNTY: COOK
SECTION: JOB NO.: R-90-015-12
STATION: 107+20.96 TO 107+50.61
SCALE: 1" = 40' SHEET 19 OF 19

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

MODEL: Default
FILE NAME: 12166-tit-plat-19.dgn

BURNS McDONNELL

USER NAME = rjlang	DESIGNED - TMM	REVISED -	
	DRAWN - TMM	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - RGJ	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

SCALE: | SHEET 19 OF 21 SHEETS | STA. | TO STA.

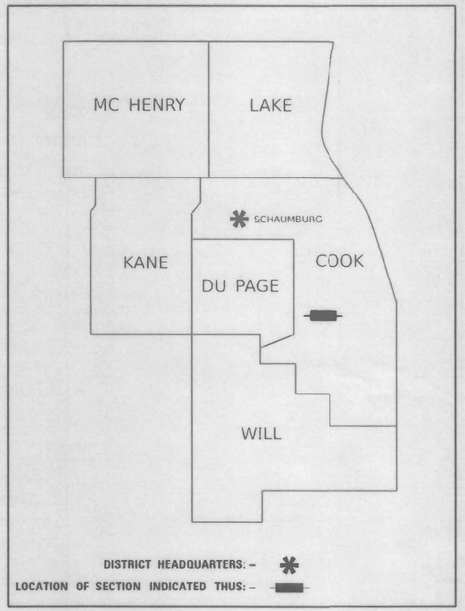
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	140
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

PARCEL NUMBER	OWNER	SHEET NUMBER	PROPERTY ACQUIRED BY
0JQ0036 0JQ0036TE-A 0JQ0036TE-B	5501 LaGRANGE REAL ESTATE LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	2	2023L050288

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLAT OF HIGHWAYS

ROUTE: 55TH STREET, US 12/20/45 TO EAST AVENUE
SECTION:
COUNTY: COOK
LIMITS: US RTE 12/20/45 TO EAST AVENUE
JOB NO.: R-90-015-12



SECTION 16
RANGE 12 EAST



LOCATION MAP
SCALE: 1" = 5000'

LOCATION MAP

GROSS LENGTH = 200 FT. = 0.038 MILE
NET LENGTH = 200 FT. = 0.038 MILE

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

2411320212
Doc# 2411320212 Fee $133.00
KAREN A. YARBROUGH
COOK COUNTY CLERK'S OFFICE
DATE: 4/22/2024 11:31 AM
PAGE: 1 OF 21

IDOT USE ONLY

Sheet 19A

MODEL: Default
FILE NAME: 121166-sht-plat-20.dgn

BURNS McDONNELL	USER NAME = rjiang	DESIGNED - TMM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAT OF HIGHWAYS
		DRAWN - TMM	REVISED -		
	PLOT SCALE = 2.0000 ' / in.	CHECKED - RGJ	REVISED -		SCALE: SHEET 20 OF 21 SHEETS STA. TO STA.
	PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -		

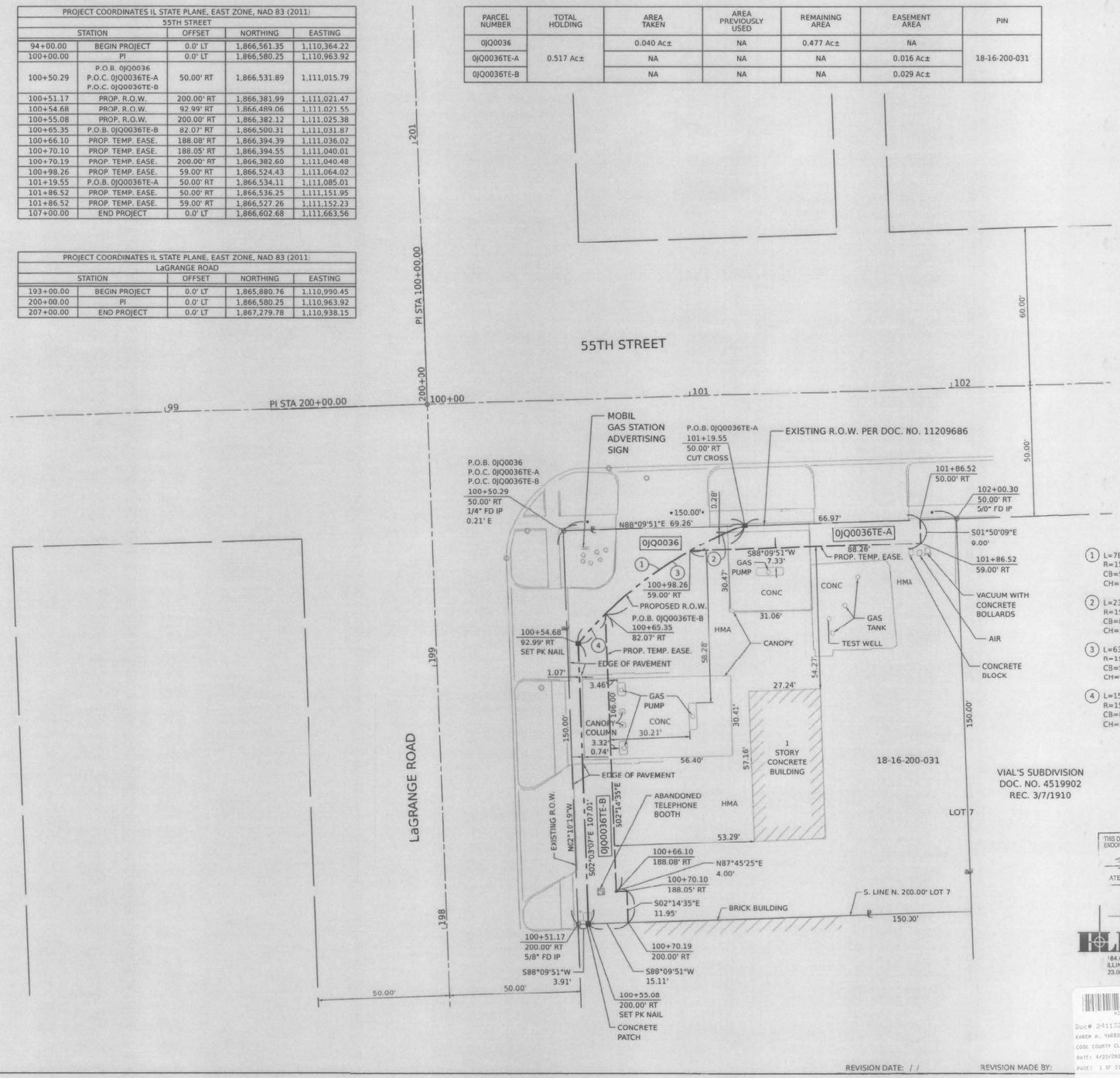
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	141
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

PART OF THE NE 1/4 OF SECTION 16, TWP. 38 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

PROJECT COORDINATES IL STATE PLANE, EAST ZONE, NAD 83 (2011)				
55TH STREET				
STATION		OFFSET	NORTHING	EASTING
94+00.00	BEGIN PROJECT	0.0' LT	1,866,561.35	1,110,364.22
100+00.00	PI	0.0' LT	1,866,580.25	1,110,963.92
100+50.29	P.O.B. 0JQ0036 P.O.C. 0JQ0036TE-A P.O.C. 0JQ0036TE-B	50.00' RT	1,866,531.89	1,111,015.79
100+51.17	PROP. R.O.W.	200.00' RT	1,866,381.99	1,111,021.47
100+54.68	PROP. R.O.W.	92.99' RT	1,866,489.06	1,111,021.55
100+55.08	PROP. R.O.W.	200.00' RT	1,866,382.12	1,111,025.38
100+65.35	P.O.B. 0JQ0036TE-B	82.07' RT	1,866,500.31	1,111,031.87
100+66.10	PROP. TEMP. EASE.	188.08' RT	1,866,394.39	1,111,036.02
100+70.10	PROP. TEMP. EASE.	188.05' RT	1,866,394.55	1,111,040.01
100+70.19	PROP. TEMP. EASE.	200.00' RT	1,866,382.60	1,111,040.48
100+98.26	PROP. TEMP. EASE.	59.00' RT	1,866,524.43	1,111,064.02
101+19.55	P.O.B. 0JQ0036TE-A	50.00' RT	1,866,534.11	1,111,085.01
101+86.52	PROP. TEMP. EASE.	50.00' RT	1,866,536.25	1,111,151.95
101+86.52	PROP. TEMP. EASE.	59.00' RT	1,866,527.26	1,111,152.23
107+00.00	END PROJECT	0.0' LT	1,866,602.68	1,111,663.56

PROJECT COORDINATES IL STATE PLANE, EAST ZONE, NAD 83 (2011)				
LaGRANGE ROAD				
STATION		OFFSET	NORTHING	EASTING
193+00.00	BEGIN PROJECT	0.0' LT	1,865,880.76	1,110,990.45
200+00.00	PI	0.0' LT	1,866,580.25	1,110,963.92
207+00.00	END PROJECT	0.0' LT	1,867,279.78	1,110,938.15

PARCEL NUMBER	TOTAL HOLDING	AREA TAKEN	AREA PREVIOUSLY USED	REMAINING AREA	EASEMENT AREA	PIN
0JQ0036	0.517 Ac±	0.040 Ac±	NA	0.477 Ac±	NA	18-16-200-031
0JQ0036TE-A		NA	NA	NA	0.016 Ac±	
0JQ0036TE-B		NA	NA	NA	0.029 Ac±	



LEGEND

SECTION CORNER

QUARTER SECTION CORNER

GRAPHIC SCALE FEET

SCALE: 1"= 20'

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE (APL)
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE (AC)
- PROPOSED ACCESS CONTROL LINE (AC)
- MEASURED DIMENSION (129.32')
- COMPUTED DIMENSION (129.32' (COMP))
- RECORDED DIMENSION ((129.32'))
- EXISTING BUILDING

- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- "MAG" NAIL SET
- 5/8" REBAR SET
- T1, T2, T3 — THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER
- BT1, BT2, BT3 — THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M — STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101-02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

(1) L=78.72' R=150.00' CB=S54°37'53"W CH=77.82'

(2) L=23.14' R=150.00' CB=N65°14'51"E CH=23.11'

(3) L=63.45' R=150.00' CB=S57°32'53"W CH=62.98'

(4) L=15.27' R=150.00' CB=N42°30'47"E CH=15.27'

STATE OF ILLINOIS)
)SS
COUNTY OF KANE)

THIS IS TO CERTIFY THAT I, REJENA H. LYON, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 16, TOWNSHIP 38 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

PROFESSIONAL LAND SURVEYOR — REJENA H. LYON — 035-003302 — ELGIN, IL — STATE OF ILLINOIS

DATED AT Elgin, ILLINOIS THIS 14th DAY OF December 2023 A.D.

Rejena H. Lyon

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302

LICENSE EXPIRATION DATE: NOV. 30, 2024

NOTES:
1. THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THAT PORTION SHOWN AS PROPOSED RIGHT-OF-WAY.
2. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED. ALL BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.9999911.
4. AREAS SHOWN ON THIS PLAT ARE GROUND.
5. FIELD WORK COMPLETED 09/19/2023.

THIS DOES NOT REQUIRE THE COUNTY CLERK'S ENDORSEMENT PER 35 ILCS 200/9-55
COUNTY CLERK
DATE: 4-11-24

Hampton, Lenzini and Renwick, Inc.
Civil Engineers · Structural Engineers
Land Surveyors · Environmental Services
380 SHEPARD DRIVE
ELGIN, ILLINOIS 60123
847.697.6700 www.hlrengineering.com
184.000959
ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORPORATION
23.0630.230

Doc# 2411320212 Fee $133.00
KAREN A. YARBROUGH
COOK COUNTY CLERK'S OFFICE
DATE: 4/23/2024 11:31 AM
PAGE: 1 OF 21

IDOT USE ONLY

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
55TH STREET

LIMITS: US RTE 12/20/45 TO EAST AVE. COUNTY: COOK
SECTION: JOB NO.: R-90-015-12
STA. 100+00 TO STA. 102+00 55TH STREET
STA. 198+00 TO STA. 200+00 LAGRANGE ROAD
SCALE: 1"=20' SHEET 21 OF 21 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

REVISION DATE: / / REVISION MADE BY:

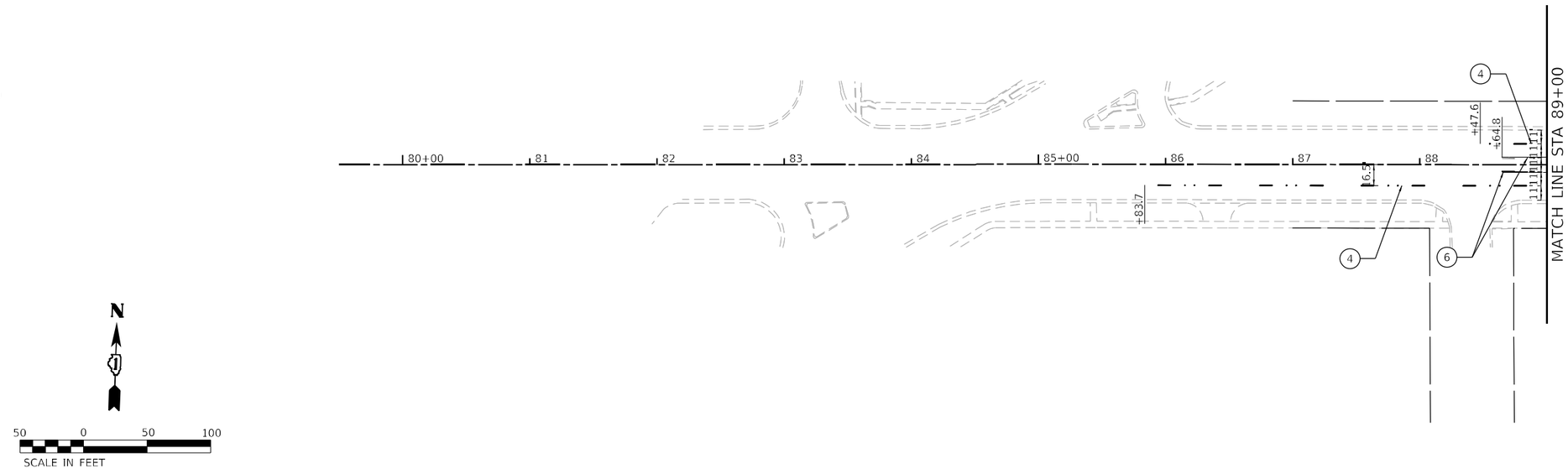
MODEL: Default
FILE NAME: 121166-tfh-tlh-21.dgn

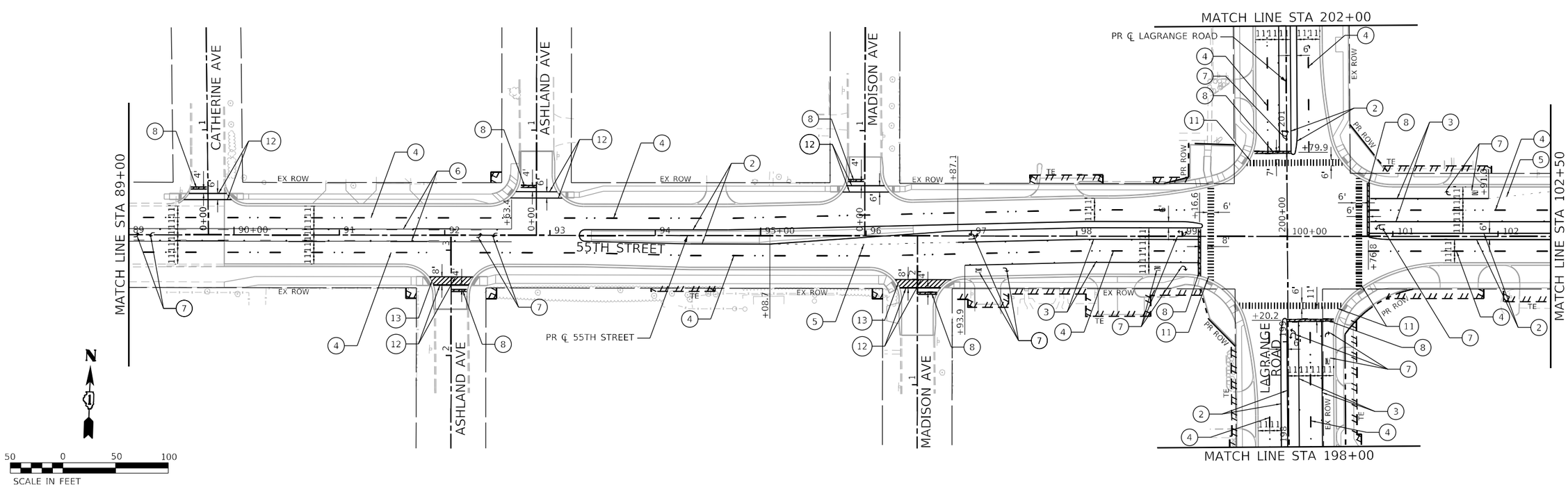
BURNS McDONNELL	USER NAME = rjiang	DESIGNED - TMM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAT OF HIGHWAYS
		DRAWN - TMM	REVISED -		SCALE: SHEET 21 OF 21 SHEETS STA. TO STA.
	PLOT SCALE = 2.0000 ' / in.	CHECKED - RGJ	REVISED -		
	PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	142
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	

LEGEND

1. THERMOPLASTIC PAVEMENT MARKING - LINE 4", SOLID WHITE
2. THERMOPLASTIC PAVEMENT MARKING - LINE 4", SOLID YELLOW
3. THERMOPLASTIC PAVEMENT MARKING - LINE 6", SOLID WHITE WITH RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY CRYSTAL (SPACED AT 40' C-C)
4. THERMOPLASTIC PAVEMENT MARKING - LINE 4", WHITE SKIP DASH 10' DASH, 30' SKIP WITH RAISED REFLECTIVE PAVEMENT MARKINGS, ONE-WAY CRYSTAL (SPACED AT 80' C-C)
5. THERMOPLASTIC PAVEMENT MARKING - LINE 6", WHITE SKIP DASH 2' DASH, 6' SKIP
6. THERMOPLASTIC PAVEMENT MARKING - LINE 4" SOLID YELLOW AND THERMOPLASTIC PAVEMENT MARKING - LINE 4", YELLOW SKIP DASH 10' DASH, 30' SKIP AT 5 1/2" C-C WITH RAISED REFLECTIVE PAVEMENT MARKERS, TWO-WAY (SPACED AT 40' C-C)
7. THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS
8. THERMOPLASTIC PAVEMENT MARKING - LINE 24", SOLID WHITE
9. THERMOPLASTIC PAVEMENT MARKING - LINE 4", AT 11" C-C, DOUBLE SOLID YELLOW WITH RAISED REFLECTIVE PAVEMENT MARKERS, TWO-WAY AMBER (SPACED AT 40' C-C)
10. THERMOPLASTIC PAVEMENT MARKING - LINE 12", SOLID YELLOW DIAGONAL (45°) AT 75' C-C
11. THERMOPLASTIC PAVEMENT MARKING - LINE 12", SOLID WHITE, SPACED AT 2'
12. THERMOPLASTIC PAVEMENT MARKING - LINE 6", SOLID WHITE
13. THERMOPLASTIC PAVEMENT MARKING - LINE 12", SOLID WHITE DIAGONAL (45°), SPACED AT 2'
14. THERMOPLASTIC PAVEMENT MARKING - LINE 12", SOLID WHITE DIAGONAL (45°) AT 20' C-C
15. THERMOPLASTIC PAVEMENT MARKING - LINE 8", SOLID WHITE WITH RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY CRYSTAL (SPACED AT 40' C-C)





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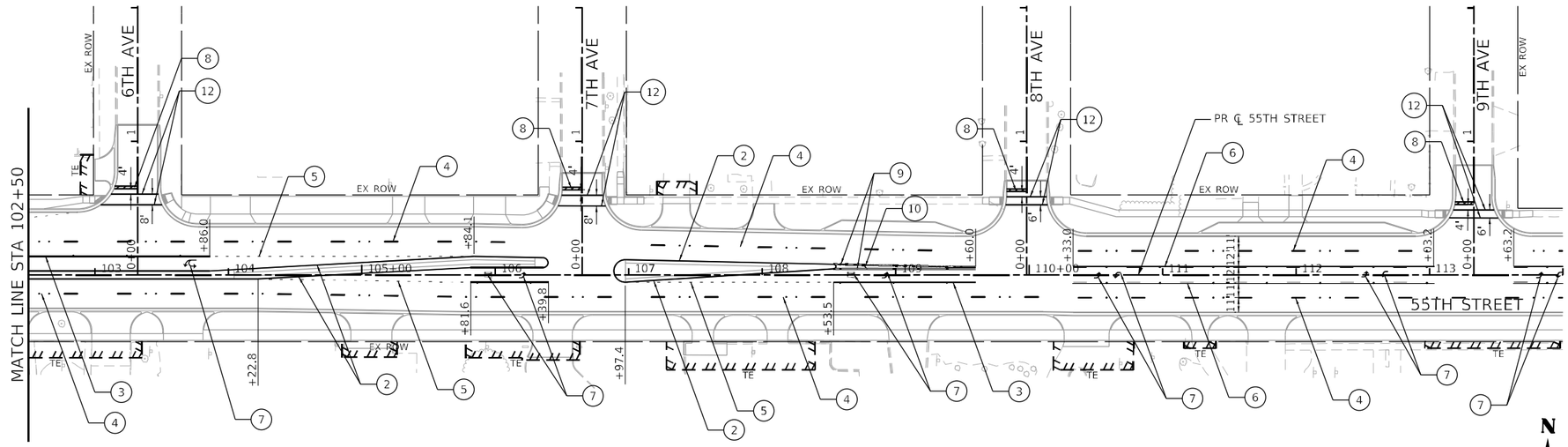
BURNS McDONNELL	USER NAME = rjiang	DESIGNED - RGJ	REVISED -
		DRAWN - JAB	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED - RMG	REVISED -
	PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -

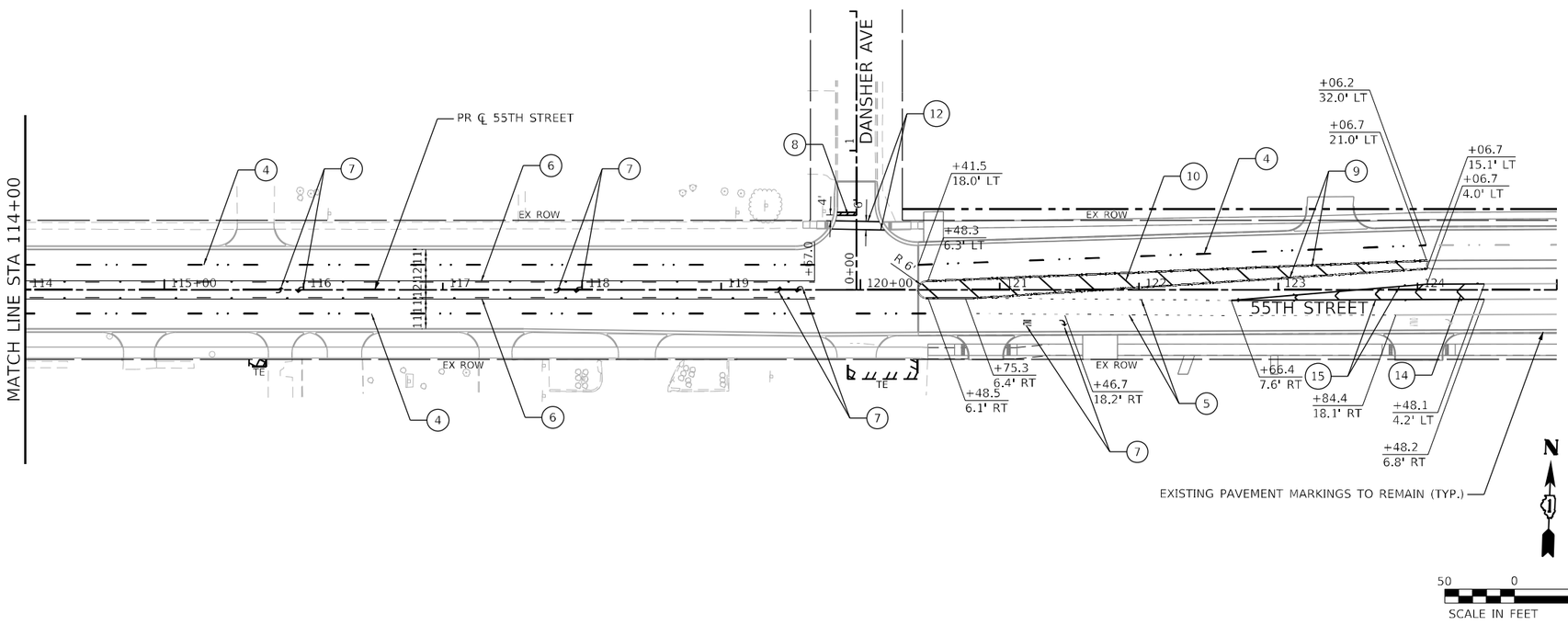
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET
PAVEMENT MARKING PLAN

SCALE: 1" = 50' | SHEET 1 OF 3 SHEETS | STA. 89+90.76 TO STA. 102+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	143
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	





LEGEND

1. THERMOPLASTIC PAVEMENT MARKING - LINE 4", SOLID WHITE
2. THERMOPLASTIC PAVEMENT MARKING - LINE 4", SOLID YELLOW
3. THERMOPLASTIC PAVEMENT MARKING - LINE 6", SOLID WHITE WITH RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY CRYSTAL (SPACED AT 40' C-C)
4. THERMOPLASTIC PAVEMENT MARKING - LINE 4", WHITE SKIP DASH 10' DASH, 30' SKIP WITH RAISED REFLECTIVE PAVEMENT MARKINGS, ONE-WAY CRYSTAL (SPACED AT 80' C-C)
5. THERMOPLASTIC PAVEMENT MARKING - LINE 6", WHITE SKIP DASH 2' DASH, 6' SKIP
6. THERMOPLASTIC PAVEMENT MARKING - LINE 4" SOLID YELLOW AND THERMOPLASTIC PAVEMENT MARKING - LINE 4", YELLOW SKIP DASH 10' DASH, 30' SKIP AT 5 1/2" C-C WITH RAISED REFLECTIVE PAVEMENT MARKERS, TWO-WAY (SPACED AT 40' C-C)
7. THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS
8. THERMOPLASTIC PAVEMENT MARKING - LINE 24", SOLID WHITE
9. THERMOPLASTIC PAVEMENT MARKING - LINE 4", AT 11" C-C, DOUBLE SOLID YELLOW WITH RAISED REFLECTIVE PAVEMENT MARKERS, TWO-WAY AMBER (SPACED AT 40' C-C)
10. THERMOPLASTIC PAVEMENT MARKING - LINE 12", SOLID YELLOW DIAGONAL (45°) AT 75' C-C
11. THERMOPLASTIC PAVEMENT MARKING - LINE 12", SOLID WHITE, SPACED AT 2'
12. THERMOPLASTIC PAVEMENT MARKING - LINE 6", SOLID WHITE
13. THERMOPLASTIC PAVEMENT MARKING - LINE 12", SOLID WHITE DIAGONAL (45°), SPACED AT 2'
14. THERMOPLASTIC PAVEMENT MARKING - LINE 12", SOLID WHITE DIAGONAL (45°) AT 20' C-C
15. THERMOPLASTIC PAVEMENT MARKING - LINE 8", SOLID WHITE WITH RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY CRYSTAL (SPACED AT 40' C-C)

MODEL: Default
FILE NAME: 121166-sht-pmk-02.dgn

BURNS McDONNELL

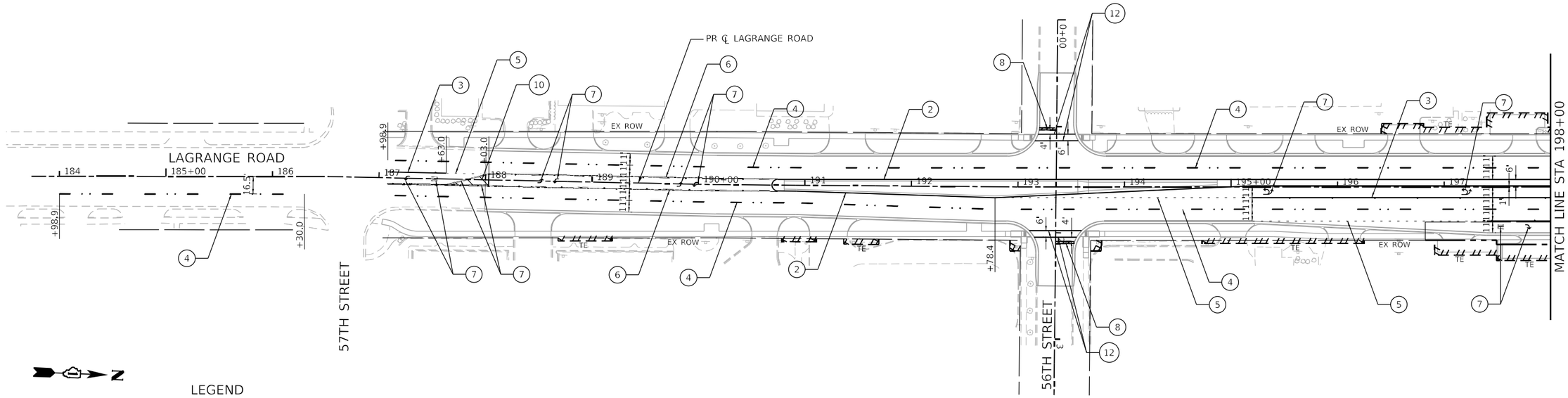
USER NAME = rjiang	DESIGNED - RGJ	REVISED -	
	DRAWN - JAB	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - RMG	REVISED -	
PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -	

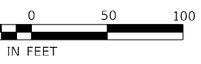
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET
PAVEMENT MARKING PLAN

SCALE: 1" = 50' | SHEET 2 OF 3 SHEETS | STA. 112+50 TO STA. 120+41.46

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	144
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	

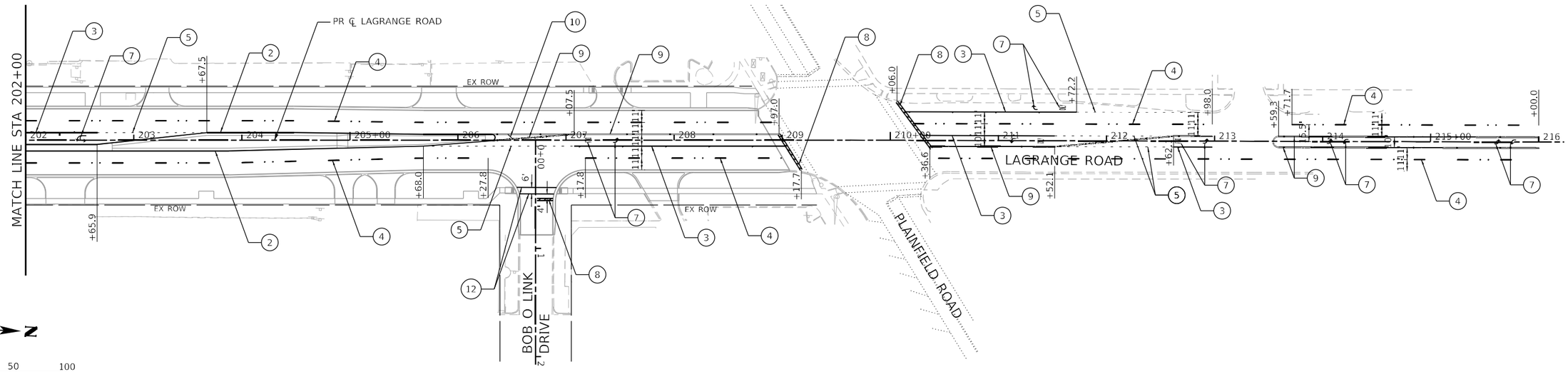




50 0 50 100
SCALE IN FEET

LEGEND

1. THERMOPLASTIC PAVEMENT MARKING - LINE 4", SOLID WHITE
2. THERMOPLASTIC PAVEMENT MARKING - LINE 4", SOLID YELLOW
3. THERMOPLASTIC PAVEMENT MARKING - LINE 6", SOLID WHITE WITH RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY CRYSTAL (SPACED AT 40' C-C)
4. THERMOPLASTIC PAVEMENT MARKING - LINE 4", WHITE SKIP DASH 10' DASH, 30' SKIP WITH RAISED REFLECTIVE PAVEMENT MARKINGS, ONE-WAY CRYSTAL (SPACED AT 80' C-C)
5. THERMOPLASTIC PAVEMENT MARKING - LINE 6", WHITE SKIP DASH 2' DASH, 6' SKIP
6. THERMOPLASTIC PAVEMENT MARKING - LINE 4" SOLID YELLOW AND THERMOPLASTIC PAVEMENT MARKING - LINE 4", YELLOW SKIP DASH 10' DASH, 30' SKIP AT 5 1/2" C-C WITH RAISED REFLECTIVE PAVEMENT MARKERS, TWO-WAY (SPACED AT 40' C-C)
7. THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS
8. THERMOPLASTIC PAVEMENT MARKING - LINE 24", SOLID WHITE
9. THERMOPLASTIC PAVEMENT MARKING - LINE 4", AT 11" C-C, DOUBLE SOLID YELLOW WITH RAISED REFLECTIVE PAVEMENT MARKERS, TWO-WAY AMBER (SPACED AT 40' C-C)
10. THERMOPLASTIC PAVEMENT MARKING - LINE 12", SOLID YELLOW DIAGONAL (45°) AT 75' C-C
11. THERMOPLASTIC PAVEMENT MARKING - LINE 12", SOLID WHITE, SPACED AT 2'
12. THERMOPLASTIC PAVEMENT MARKING - LINE 6", SOLID WHITE
13. THERMOPLASTIC PAVEMENT MARKING - LINE 12", SOLID WHITE DIAGONAL (45°), SPACED AT 2'
14. THERMOPLASTIC PAVEMENT MARKING - LINE 12", SOLID WHITE DIAGONAL (45°) AT 20' C-C
15. THERMOPLASTIC PAVEMENT MARKING - LINE 8", SOLID WHITE WITH RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY CRYSTAL (SPACED AT 40' C-C)



50 0 50 100
SCALE IN FEET

MODEL: Default
FILE NAME: 121166-sht-pvmk-03.dgn

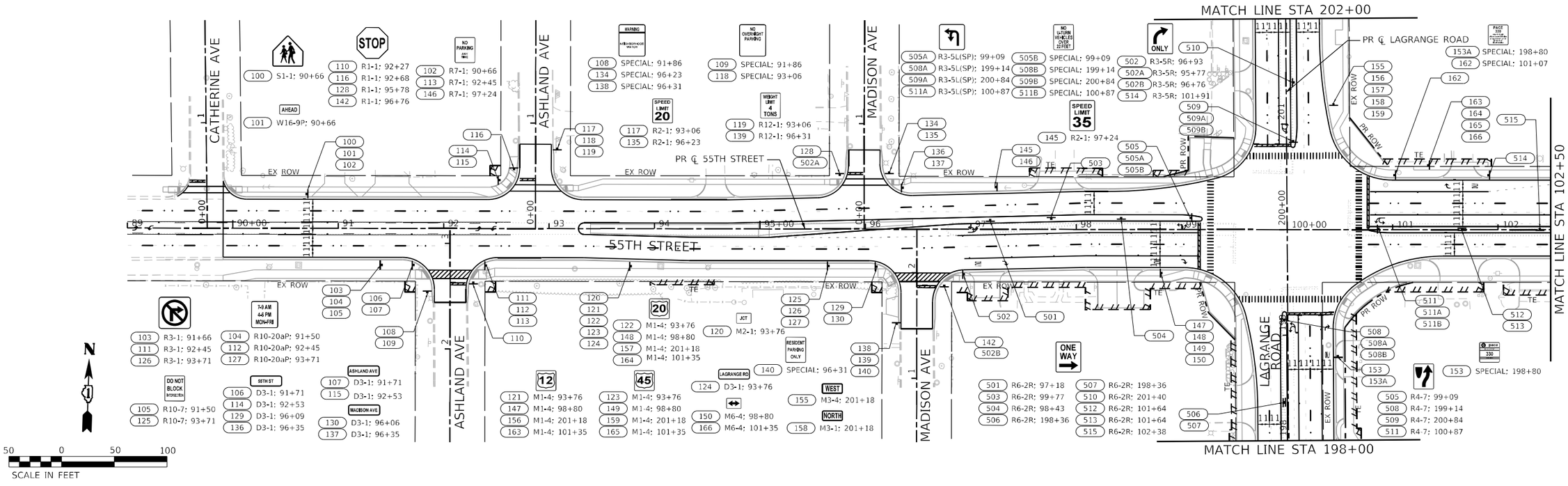
BURNS McDONNELL	USER NAME = rjiang	DESIGNED - RGJ	REVISED -
		DRAWN - JAB	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED - RMG	REVISED -
	PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -

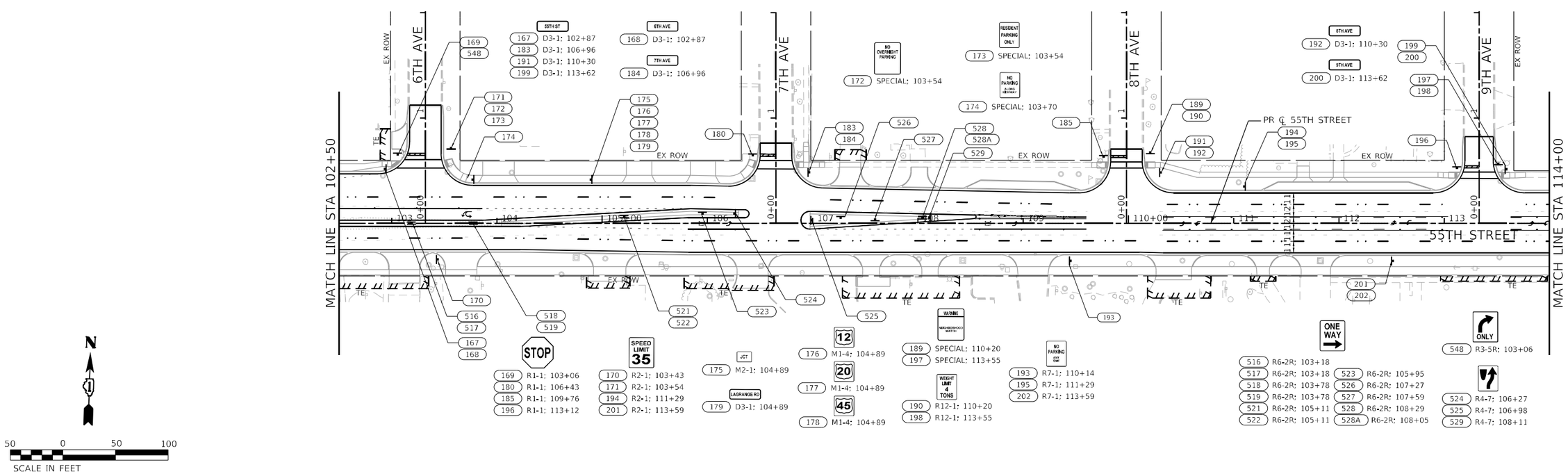
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 12/20/45 (LAGRANGE ROAD)
PAVEMENT MARKING PLAN

SCALE: 1" = 50' | SHEET 3 OF 3 SHEETS | STA. 188+00 | TO STA. 209+06.84

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	145
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

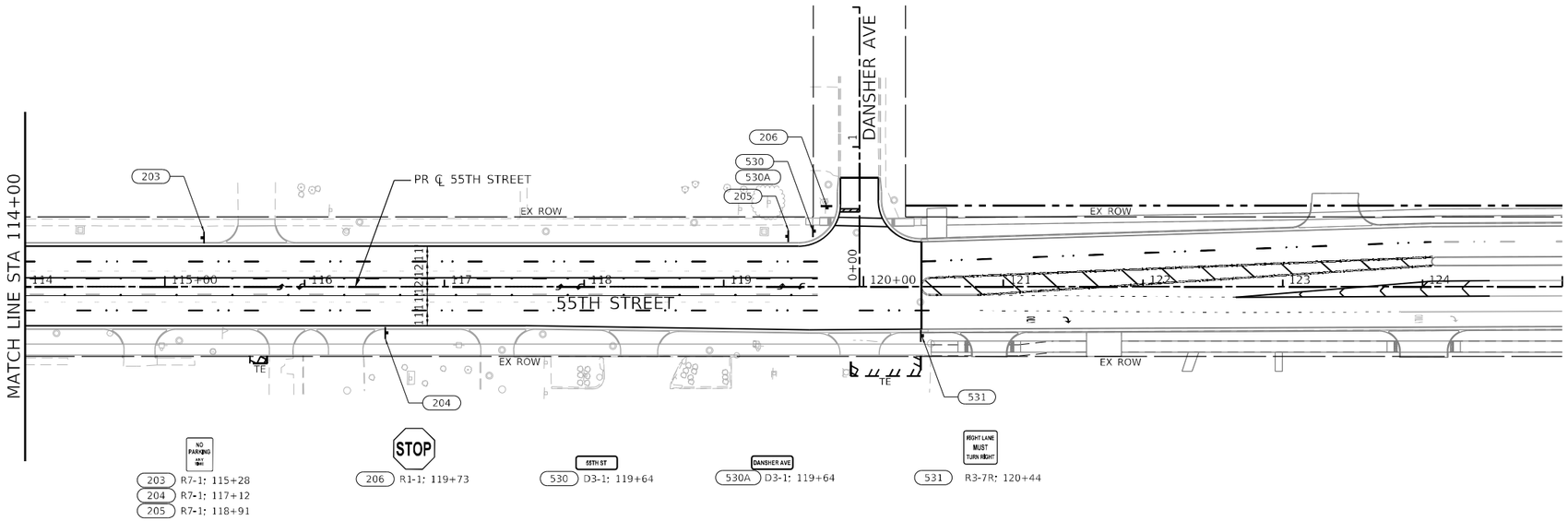




MODEL: Default
FILE NAME: 121166-sht-sign-01.dgn

BURNS McDONNELL	USER NAME = rjiang	DESIGNED - WLM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	55TH STREET PROPOSED SIGNING PLAN
		DRAWN - WLM	REVISED -		
	PLOT SCALE = 100.0000 ' / in.	CHECKED - RGJ	REVISED -		
	PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -		SCALE: 1" = 50' SHEET 1 OF 3 SHEETS STA. 89+90.76 TO STA. 114+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	146
		CONTRACT NO. 60R50		
		ILLINOIS FED. AID PROJECT		



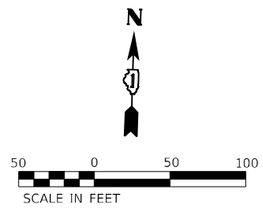
203 R7-1; 115+28
204 R7-1; 117+12
205 R7-1; 118+91

206 R1-1; 119+73

530 D3-1; 119+64

530A D3-1; 119+64

531 R3-7R; 120+44



MODEL: Default
FILE NAME: I21166-dtt-sign-02.dgn

BURNS McDONNELL

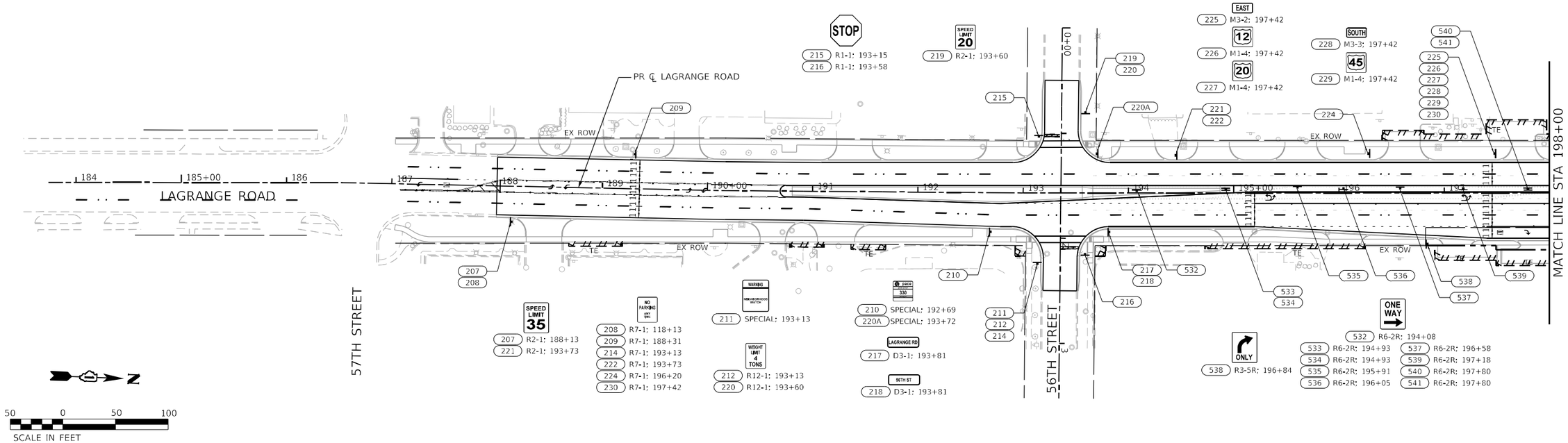
USER NAME = rjiang	DESIGNED - WLM	REVISED -	
	DRAWN - WLM	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - RGJ	REVISED -	
PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -	

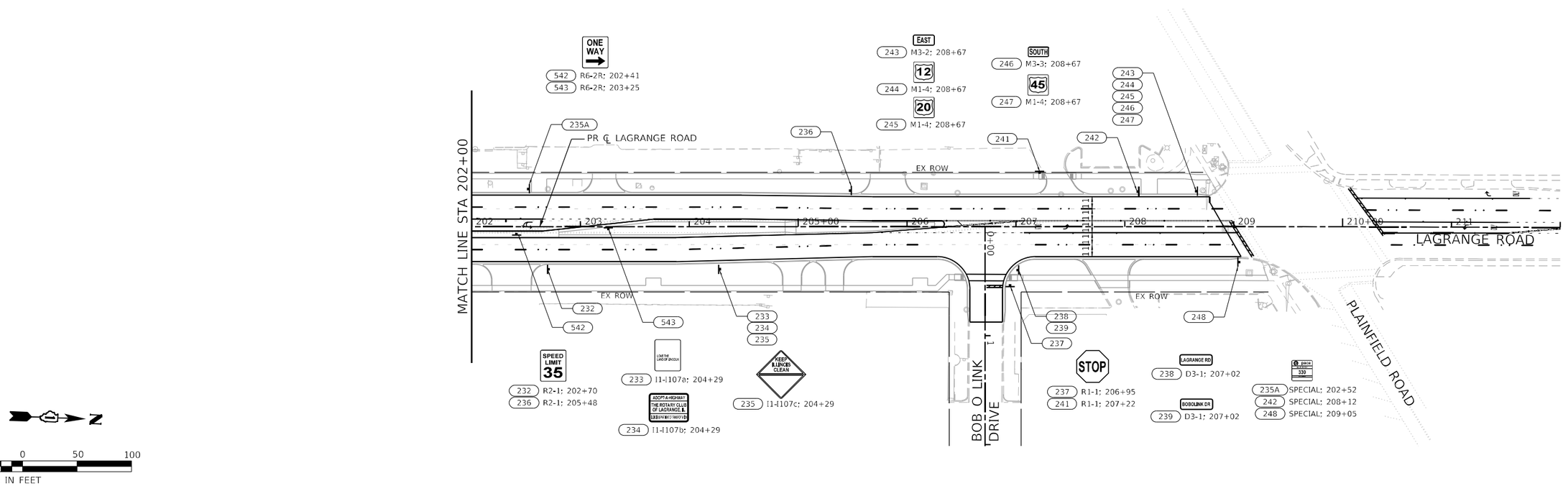
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET
PROPOSED SIGNING PLAN

SCALE: 1" = 50' | SHEET 2 OF 3 SHEETS | STA. 114+00 | TO STA. 120+41.46

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	147
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		





MODEL: Default
FILE NAME: 121166-sht-sign-03.dgn

BURNS McDONNELL	USER NAME = rjiang	DESIGNED - - WLM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US ROUTE 12/20/45 (LAGRANGE ROAD) PROPOSED SIGNING PLAN
		DRAWN - WLM	REVISED -		
	PLOT SCALE = 100.0000 ' / in.	CHECKED - - RGJ	REVISED -		
	PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -		SCALE: 1" = 50' SHEET 3 OF 3 SHEETS STA. 188+00 TO STA. 209+06.84

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	148
		CONTRACT NO. 60R50		
		ILLINOIS FED. AID PROJECT		

EXISTING SIGN REMOVAL AND RELOCATION SCHEDULE

		EXISTING LOCATION		PROPOSED LOCATION					DIMENSIONS (FT)			72400100	72400310	72400500	72400710	72800100	73100100
SIGN I.D.	LOCATION	STATION	OFFSET	RELOCATED STATION	RELOCATED OFFSET	SIGN CODE	SIGN DESCRIPTION	EXISTING MOUNTING TYPE	WIDTH	HEIGHT	AREA (SQ FT)	REMOVE SIGN PANEL ASSEMBLY - TYPE A (EACH)	REMOVE SIGN PANEL - TYPE 1 (SQ FT)	RELOCATE SIGN PANEL ASSEMBLY - TYPE A (EACH)	RELOCATE SIGN PANEL - TYPE 1 (SQ FT)	TELESCOPING STEEL SIGN SUPPORT (FT)	BASE FOR TELESCOPING STEEL SIGN SUPPORT
100	55TH	90+66	33' LT	90+70	33' LT	S1-1	SCHOOL	LIGHT POLE	2.50	2.50	6.25						
101						W16-9P	AHEAD		1.00	2.00	2.00			1			
102						R7-1	NO PARKING ANYTIME		1.00	1.50	1.50						
103	55TH	91+66	35' RT	91+41	35' RT	R3-1	NO RIGHT TURN	STEEL POST	2.00	2.00	4.00						
104						R10-20aP	MON-FRI 7AM-9AM 4PM-7PM		2.00	2.00	4.00			1		19.00	
105						R10-7	DO NOT BLOCK INTERSECTION		2.00	3.00	6.00						
106	55TH	91+74	38' RT	91+71	35' RT	D3-1	STREET NAME (1-LINE) - 55TH STREET	STEEL POST	3.00	0.67	2.00						
107						D3-1	STREET NAME (1-LINE) - ASHLAND AVE		3.00	0.67	2.00			1		13.33	
108	55TH	91+86	60' RT	91+86	60' RT	SPECIAL	NEIGHBORHOOD WATCH	STEEL POST	2.00	2.50	5.00						
109						SPECIAL	NO OVERNIGHT PARKING		2.00	2.50	5.00			1		17.00	
110	55TH	92+27	52' RT	92+27	52' RT	R1-1	STOP SIGN	STEEL POST	2.50	2.50	6.25				6.25	14.50	
111	55TH	92+45	35' RT	92+40	35' RT	R3-1	NO RIGHT TURN	LIGHT POLE	2.00	2.00	4.00						
112						R10-20aP	MON-FRI 7AM-9AM 4PM-7PM		2.00	2.00	4.00			1			
113						R7-1	NO PARKING ANYTIME		1.00	1.50	1.50						
114	55TH	92+62	38' LT	92+53	45' LT	D3-1	STREET NAME (1-LINE) - 55TH STREET	STEEL POST	3.00	0.67	2.00						
115						D3-1	STREET NAME (1-LINE) - ASHLAND AVE		3.00	0.67	2.00			1		13.33	
116	55TH	92+68	55' LT	92+68	55' LT	R1-1	STOP SIGN	STEEL POST	2.50	2.50	6.25				6.25	14.50	
117	55TH	93+06	75' LT	93+06	75' LT	R2-1	SPEED LIMIT - 20 MPH	STEEL POST	2.00	2.50	5.00						
118						SPECIAL	NO OVERNIGHT PARKING		2.00	2.50	5.00			1		19.50	
119						R12-1	WEIGHT LIMIT - 4 TONS		2.00	2.50	5.00						
120	55TH	93+76	36' RT	93+76	35' RT	M2-1	JUNCTION	STEEL POST	1.75	1.25	2.19						
121						M1-4	U.S. ROUTE SIGN (1 OR 2 DIGITS) - 12		3.00	3.00	9.00						
122						M1-4	U.S. ROUTE SIGN (1 OR 2 DIGITS) - 20		3.00	3.00	9.00			1		39.50	
123						M1-4	U.S. ROUTE SIGN (1 OR 2 DIGITS) - 45		3.00	3.00	9.00						
124						D3-1	STREET NAME (1-LINE) - LAGRANGE RD		2.00	0.50	1.00						
125	55TH	95+72	36' RT	95+65	35' RT	R10-7	DO NOT BLOCK INTERSECTION	LIGHT POLE	2.00	2.50	5.00						
126						R3-1	NO RIGHT TURN		2.00	2.00	4.00			1			
127						R10-20aP	MON-FRI 7AM-9AM 4PM-7PM		2.00	2.50	5.00						
128	55TH	95+77	53' LT	95+77	53' LT	R1-1	STOP SIGN	STEEL POST	2.50	2.50	6.25				6.25	17.50	
129	55TH	96+09	36' RT	96+09	36' RT	D3-1	STREET NAME (1-LINE) - 55TH STREET	STEEL POST	3.00	0.67	2.00						
130						D3-1	STREET NAME (1-LINE) - MADISON AVE		3.00	0.67	2.00			1		13.33	
134	55TH	96+23	53' LT	96+23	53' LT	SPECIAL	NEIGHBORHOOD WATCH	STEEL POST	2.50	3.00	7.50						
135						R2-1	SPEED LIMIT - 20 MPH		2.00	2.50	5.00			1		17.50	
136	55TH	96+35	39' LT	96+35	39' LT	D3-1	STREET NAME (1-LINE) - 55TH STREET	STEEL POST	3.00	0.67	2.00						
137						D3-1	STREET NAME (1-LINE) - MADISON AVE		3.00	0.67	2.00			1		13.33	
138	55TH	96+31	89' RT	96+31	89' RT	SPECIAL	NEIGHBORHOOD WATCH	STEEL POST	2.00	2.50	5.00						
139						R12-1	WEIGHT LIMIT - 4 TONS		2.00	2.50	5.00			1		18.50	
140						SPECIAL	RESIDENT PARKING ONLY		1.00	1.50	1.50						
142	55TH	96+76	55' RT	96+76	55' RT	R1-1	STOP SIGN	STEEL POST	2.50	2.50	6.25				6.25	17.50	
143	55TH	96+88	37' RT	TO BE REMOVED		R3-1	NO RIGHT TURN	STEEL POST	2.00	2.00	4.00	1					
144						R10-20aP	MON-FRI 7AM-9AM 4PM-7PM		2.00	2.00	4.00						
145	55TH	97+50	34' LT	97+24	40' LT	R2-1	SPEED LIMIT - 35 MPH	LIGHT POLE	2.50	3.00	7.50						
146						R7-1	NO PARKING ANYTIME		1.00	1.50	1.50			1		16.50	
147	55TH	99+35	48' RT	98+80	41' RT	M1-4	U.S. ROUTE SIGN (1 OR 2 DIGITS) - 12	LIGHT POLE	2.00	2.00	4.00						
148						M1-4	U.S. ROUTE SIGN (1 OR 2 DIGITS) - 20		2.00	2.00	4.00						
149						M1-4	U.S. ROUTE SIGN (1 OR 2 DIGITS) - 45		2.00	2.00	4.00			1		19.25	
150						M6-4	DOUBLE HORIZONTAL ARROW		1.75	1.25	2.19						
151	LAGRANGE	200+71	33' LT	TO BE REMOVED		R3-2P	NO LEFT TURN	STEEL POST	2.00	1.50	3.00		3.00				
152	LAGRANGE	201+19	33' LT	TO BE REMOVED		R3-2P	NO LEFT TURN	STEEL POST	2.00	1.50	3.00		3.00				
153	LAGRANGE	198+80	31' RT	198+80	47' RT	SPECIAL	PACE BUS STOP 330	STEEL POST	1.50	1.50	2.25						
153A	LAGRANGE					SPECIAL	PACE 330		1.50	1.50	2.25			1		13.50	1
154	LAGRANGE	201+66	32' RT	TO BE REMOVED		R7-1	NO PARKING ANYTIME	STEEL POST	1.00	1.50	1.50		1.50				
155	LAGRANGE	201+18	30' RT	201+18	44' RT	M3-4	CARDINAL DIRECTION - WEST	LIGHT POLE	2.00	1.00	2.00						
156						M1-4	U.S. ROUTE SIGN (1 OR 2 DIGITS) - 12		2.00	2.00	4.00						
157						M1-4	U.S. ROUTE SIGN (1 OR 2 DIGITS) - 20		2.00	2.00	4.00			1		20.00	
158						M3-1	CARDINAL DIRECTION - NORTH		2.00	1.00	2.00						
159						M1-4	U.S. ROUTE SIGN (1 OR 2 DIGITS) - 45		2.00	2.00	4.00						
160	LAGRANGE	201+65	32' RT	TO BE REMOVED		R7-1	NO PARKING ANYTIME	STEEL POST	1.00	1.50	1.50		1.50				
162	55TH	100+77	30' LT	101+02	52' RT	SPECIAL	PACE 330	STEEL POST	1.50	1.50	2.25				2.25	13.50	1
163	55TH	101+27	34' LT	101+35	60' LT	M1-4	U.S. ROUTE SIGN (1 OR 2 DIGITS) - 12	LIGHT POLE	2.00	2.00	4.00						
164						M1-4	U.S. ROUTE SIGN (1 OR 2 DIGITS) - 20		2.00	2.00	4.00						
165						M1-4	U.S. ROUTE SIGN (1 OR 2 DIGITS) - 45		2.00	2.00	4.00			1		19.25	
166						M6-4	DOUBLE HORIZONTAL ARROW		1.75	1.25	2.19						
167	55TH	103+08	43' LT	102+87	51' LT	D3-1	STREET NAME (1-LINE) - 55TH STREET	STEEL POST	3.00	0.67	2.00						
168						D3-1	STREET NAME (1-LINE) - 6TH AVE		3.00	0.67	2.00			1		13.33	
169	55TH	103+12	55' LT	103+06	66' LT	R1-1	STOP SIGN	LIGHT POLE	2.50	2.50	6.25				6.25	17.50	
170	55TH	103+45	40' LT	103+43	35' RT	R2-1	SPEED LIMIT - 35 MPH	LIGHT POLE	2.00	2.50	5.00				5.00	14.50	
171	55TH	103+52	70' LT	103+54	70' LT	R2-1	SPEED LIMIT - 35 MPH	STEEL POST	2.00	2.50	5.00						
172						SPECIAL	NO OVERNIGHT PARKING		2.00	2.50	5.00			1		18.50	
173						SPECIAL	RESIDENT PARKING ONLY		1.00	1.50	1.50						
174	55TH	103+72	40' LT	103+70	42' LT	SPECIAL	NO PARKING ALONG HIGHWAY	STEEL POST	2.00	2.50	5.00				5.00	14.50	1
175	55TH	104+75	35' LT	104+89	42' LT	M2-1	JUNCTION	LIGHT POLE	1.75	1.25	2.19						
176						M1-4	U.S. ROUTE SIGN (1 OR 2 DIGITS) - 12		3.00	3.00	9.00						
177						M1-4	U.S. ROUTE SIGN (1 OR 2 DIGITS) - 20		3.00	3.00	9.00			1		22.92	1
178						M1-4	U.S. ROUTE SIGN (1 OR 2 DIGITS) - 45		3.00	3.00	9.00						
179						D3-1	STREET NAME (1-LINE) - LAGRANGE RD		3.00	0.67	2.00						

MODEL: Default
FILE NAME: 12166-tm-signschd-01.dgn

BURNS McDONNELL

USER NAME = rjlang	DESIGNED - WLM	REVISED -	
	DRAWN - WLM	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - RGJ	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING SIGN SCHEDULE

SCALE: | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	149

CONTRACT NO. 60R50

ILLINOIS | FED. AID PROJECT

EXISTING SIGN REMOVAL AND RELOCATION SCHEDULE

		EXISTING LOCATION		PROPOSED LOCATION					DIMENSIONS (FT)			72400100	72400310	72400500	72400710	72800100	73100100
SIGN I.D.	LOCATION	STATION	OFFSET	RELOCATED STATION	RELOCATED OFFSET	SIGN CODE	SIGN DESCRIPTION	EXISTING MOUNTING TYPE	WIDTH	HEIGHT	AREA (SQ FT)	REMOVE SIGN PANEL ASSEMBLY - TYPE A (EACH)	REMOVE SIGN PANEL - TYPE 1 (SQ FT)	RELOCATE SIGN PANEL ASSEMBLY - TYPE A (EACH)	RELOCATE SIGN PANEL - TYPE 1 (SQ FT)	TELESCOPING STEEL SIGN SUPPORT (FT)	BASE FOR TELESCOPING STEEL SIGN SUPPORT
180	55TH	106+46	57' LT	106+43	65' LT	R1-1	STOP SIGN	STEEL POST	2.50	2.50	6.25				6.25	14.50	
183	55TH	106+92	48' LT	106+97	49' LT	D3-1	STREET NAME (1-LINE) - 55TH STREET	STEEL POST	3.00	0.67	2.00			1		13.33	
184						D3-1	STREET NAME (1-LINE) - 7TH AVE		3.00	0.67	2.00						
185	55TH	109+77	54' LT	109+76	63' LT	R1-1	STOP SIGN	STEEL POST	2.50	2.50	6.25				6.25	14.50	
189	55TH	110+18	56' LT	110+20	67' LT	SPECIAL	NEIGHBORHOOD WATCH	STEEL POST	2.00	2.50	5.00			1		17.00	
190						R12-1	WEIGHT LIMIT - 4 TONS		2.00	2.50	5.00						
191	55TH	110+23	51' LT	110+30	48' LT	D3-1	STREET NAME (1-LINE) - 55TH STREET	STEEL POST	3.00	0.67	2.00			1		13.33	
192						D3-1	STREET NAME (1-LINE) - 8TH AVE		3.00	0.67	2.00						
193	55TH	110+14	34' RT	109+45	36' RT	R7-1	NO PARKING ANYTIME	LIGHT POLE	1.00	1.50	1.50				1.50		
194	55TH	111+84	32' LT	111+10	35' LT	R2-1	SPEED LIMIT - 35 MPH	LIGHT POLE	2.50	3.00	7.50			1			
195						R7-1	NO PARKING ANYTIME		1.00	1.50	1.50						
196	55TH	113+12	54' LT	113+12	54' LT	R1-1	STOP SIGN	STEEL POST	2.50	2.50	6.25				6.25	14.50	
197	55TH	113+55	57' LT	113+55	57' LT	SPECIAL	NEIGHBORHOOD WATCH	LIGHT POLE	2.00	2.50	5.00			1		17.00	
198						R12-1	WEIGHT LIMIT - 4 TONS		2.00	2.50	5.00						
199	55TH	113+62	52' LT	113+62	52' LT	D3-1	STREET NAME (1-LINE) - 55TH STREET	STEEL POST	3.00	0.67	2.00			1		13.33	
200						D3-1	STREET NAME (1-LINE) - 9TH AVE		3.00	0.67	2.00						
201	55TH	113+59	34' RT	112+51	36' RT	R2-1	SPEED LIMIT - 35 MPH	LIGHT POLE	2.50	3.00	7.50			1		16.50	
202						R7-1	NO PARKING ANYTIME		1.00	1.50	1.50						
203	55TH	115+28	35' LT	115+27	35' LT	R7-1	NO PARKING ANYTIME	LIGHT POLE	1.00	1.50	1.50				1.50	13.50	
204	55TH	117+12	38' RT	116+59	33' RT	R7-1	NO PARKING ANYTIME	LIGHT POLE	1.00	1.50	1.50				1.50	13.50	
205	55TH	118+91	36' LT	119+45	36' LT	R7-1	NO PARKING ANYTIME	LIGHT POLE	1.00	1.50	1.50				1.50		
206	55TH	119+73	55' LT	119+73	55' LT	R1-1	STOP SIGN	STEEL POST	2.50	2.50	6.25				6.25	14.50	
207	LAGRANGE	188+15	34' RT	188+15	34' RT	R2-1	SPEED LIMIT - 35 MPH	LIGHT POLE	2.50	3.00	7.50			1			
208						R7-1	NO PARKING ANYTIME		1.00	1.50	1.50						
209	LAGRANGE	189+30	33' LT	189+30	33' LT	R7-1	NO PARKING ANYTIME	LIGHT POLE	1.00	1.50	1.50				1.50		
210	LAGRANGE	192+69	37' RT	192+69	37' RT	SPECIAL	PACE BUS STOP 330	LIGHT POLE	1.50	1.50	2.25				2.25		
211	LAGRANGE	193+13	54' RT	193+13	68' RT	SPECIAL	NEIGHBORHOOD WATCH	LIGHT POLE	2.00	2.50	5.00			1		18.50	
212						R12-1	WEIGHT LIMIT - 4 TONS		2.00	2.50	5.00						
213	LAGRANGE	193+13	68' RT	TO BE REMOVED		SPECIAL	NO OVERNIGHT PARKING	STEEL POST	2.00	2.50	5.00		5.00				
214				193+13	68' RT	R7-1	NO PARKING ANYTIME		1.00	1.50	1.50				1.50	13.50	
215	LAGRANGE	193+15	53' LT	193+15	53' LT	R1-1	STOP SIGN	LIGHT POLE	2.50	2.50	6.25				6.25	14.50	
216	LAGRANGE	193+58	60' RT	193+58	60' RT	R1-1	STOP SIGN	LIGHT POLE	2.50	2.50	6.25				6.25	14.50	
217	LAGRANGE	193+81	36' RT	193+81	36' RT	D3-1	STREET NAME (1-LINE) - LAGRANGE RD	STEEL POST	3.00	0.67	2.00			1		13.33	
218						D3-1	STREET NAME (1-LINE) - 56TH ST		3.00	0.67	2.00						
219	LAGRANGE	193+60	75' LT	193+60	75' LT	R2-1	SPEED LIMIT - 20 MPH	STEEL POST	2.00	2.50	5.00			1		17.00	
220						R12-1	WEIGHT LIMIT - 4 TONS		2.00	2.50	5.00						
220A	LAGRANGE	193+72	33' LT	193+70	37' LT	SPECIAL	PACE BUS STOP 330	LIGHT POLE	1.50	1.50	2.25			1			
221	LAGRANGE	193+73	33' LT	194+45	36' LT	R2-1	SPEED LIMIT - 35 MPH	LIGHT POLE	2.50	3.00	7.50			1		16.50	
222						R7-1	NO PARKING ANYTIME		1.00	1.50	1.50						
223	LAGRANGE	195+68	33' LT	TO BE REMOVED		R7-1	NO PARKING ANYTIME	STEEL POST	1.00	1.50	1.50		1.50				
224	LAGRANGE	196+20	33' LT	196+28	37' LT	R7-1	NO PARKING ANYTIME	STEEL POST	1.00	1.50	1.50				1.50	13.50	
225	LAGRANGE	197+42	32' LT	197+48	37' LT	M3-2	CARDINAL DIRECTION - EAST	LIGHT POLE	2.00	1.00	2.00			1		21.50	
226						M1-4	U.S. ROUTE SIGN (1 OR 2 DIGITS) - 12		2.00	2.00	4.00						
227						M1-4	U.S. ROUTE SIGN (1 OR 2 DIGITS) - 20		2.00	2.00	4.00						
228						M3-3	CARDINAL DIRECTION - SOUTH		2.00	1.00	2.00						
229						M1-4	U.S. ROUTE SIGN (1 OR 2 DIGITS) - 45		2.00	2.00	4.00						
230						R7-1	NO PARKING ANYTIME		1.00	1.50	1.50						
231	LAGRANGE	202+39	30' LT	TO BE REMOVED		R6-2R	ONE WAY - RIGHT	LIGHT POLE	1.50	2.00	3.00		3.00				
232	LAGRANGE	202+56	30' RT	202+70	38' RT	R2-1	SPEED LIMIT - 35 MPH	LIGHT POLE	2.50	3.00	7.50				7.50	15.00	
233	LAGRANGE	204+29	30' RT	204+28	39' RT	I1-107a	LOVE THE LAND OF LINCOLN	LIGHT POLE	2.50	3.00	7.50			1		19.50	
234						I1-107b	ADOPT-A-HIGHWAY		2.50	1.50	3.75						
235						I1-107c	KEEP ILLINOIS CLEAN		3.00	3.00	9.00						
235A	LAGRANGE	202+52	35' LT	202+52	35' LT	SPECIAL	PACE BUS STOP 330	STEEL POST	1.50	1.50	2.25			1			
236	LAGRANGE	205+58	32' LT	205+48	33' LT	R2-1	SPEED LIMIT - 35 MPH	LIGHT POLE	2.50	3.00	7.50				7.50	15.00	
237	LAGRANGE	207+01	33' RT	206+95	55' RT	R1-1	STOP SIGN	STEEL POST	2.50	2.50	6.25				6.25	14.50	
238	LAGRANGE	207+04	32' RT	207+02	40' RT	D3-1	STREET NAME (1-LINE) - LAGRANGE RD	STEEL POST	3.00	0.67	2.00			1		13.33	
239						D3-1	STREET NAME (1-LINE) - BOBOLINK DR		3.00	0.67	2.00						
241	LAGRANGE	207+30	35' LT	207+22	50' LT	R1-1	STOP SIGN	LIGHT POLE	2.50	2.50	6.25				6.25	14.50	
242	LAGRANGE	208+32	32' LT	208+12	33' LT	SPECIAL	PACE BUS STOP 330	STEEL POST	1.50	1.50	2.25				2.25	13.50	
243	LAGRANGE	208+70	32' LT	208+66	33' LT	M3-2	CARDINAL DIRECTION - EAST	LIGHT POLE	2.00	1.00	2.00			1		20.00	
244						M1-4	U.S. ROUTE SIGN (1 OR 2 DIGITS) - 12		2.00	2.00	4.00						
245						M1-4	U.S. ROUTE SIGN (1 OR 2 DIGITS) - 20		2.00	2.00	4.00						
246						M3-3	CARDINAL DIRECTION - SOUTH		2.00	1.00	2.00						
247						M1-4	U.S. ROUTE SIGN (1 OR 2 DIGITS) - 45		2.00	2.00	4.00						
248	LAGRANGE	209+05	31' RT	209+05	33' RT	SPECIAL	PACE BUS STOP 330	LIGHT POLE	1.50	1.50	2.25				2.25		

MODEL: Default
FILE NAME: 121166-hh-signschd-02.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - WLM	REVISED -
	DRAWN - WLM	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED - RGJ	REVISED -
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING SIGN SCHEDULE

SCALE: | SHEET 2 OF 2 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	150
		CONTRACT NO. 60R50		
	ILLINOIS FED. AID PROJECT			

PROPOSED SIGN SCHEDULE												
		PROPOSED LOCATION				DIMENSIONS (FT)			72000100	72800100	73100100	
SIGN I.D.	LOCATION	STATION	OFFSET	SIGN CODE	SIGN DESCRIPTION	WIDTH	HEIGHT	AREA (SF)	SIGN PANEL TYPE 1 (SF)	TELESCOPING STEEL SIGN SUPPORT (FT)	BASE FOR TELESCOPING STEEL SIGN SUPPORT	
501	55TH	97+18	8' LT	R6-2R	ONE WAY - RIGHT	2.50	3.00	7.50	7.50	15.00		
502	55TH	96+93	43' RT	R3-5R	RIGHT TURN ONLY	2.50	3.00	7.50	7.50	15.00		
502A	55TH	95+77	53' LT	R3-5R	RIGHT TURN ONLY	2.50	3.00	7.50	7.50			
502B	55TH	96+76	55' RT	R3-5R	RIGHT TURN ONLY	2.50	3.00	7.50	7.50			
503	55TH	97+77	11' LT	R6-2R	ONE WAY - RIGHT	2.50	3.00	7.50	7.50	13.00		
504	55TH	98+43	11' LT	R6-2R	ONE WAY - RIGHT	2.50	3.00	7.50	7.50	15.00		
505	55TH	99+09	11' LT	R4-7	KEEP RIGHT SIGN	2.00	2.50	5.00	5.00	14.50		
505A				R3-5L(SP)	LEFT TURN/U-TURN ON GREEN ARROW ONLY	2.50	3.00	7.50	7.50			
505B				SPECIAL	NO U-TURNS VEHICLES OVER 22 FT	2.50	1.50	3.75	3.75			
506	LAGRANGE	198+36	4' LT	R6-2R	ONE WAY - RIGHT	2.50	3.00	7.50	7.50	13.00		
507				R6-2R	ONE WAY - RIGHT	2.50	3.00	7.50	7.50			
508	LAGRANGE	199+14	3' LT	R4-7	KEEP RIGHT SIGN	2.00	2.50	5.00	5.00	14.50		
508A				R3-5L(SP)	LEFT TURN/U-TURN ON GREEN ARROW ONLY	2.50	3.00	7.50	7.50			
508B				SPECIAL	NO U-TURNS VEHICLES OVER 22 FT	2.50	1.50	3.75	3.75			
509	LAGRANGE	200+84	6' RT	R4-7	KEEP RIGHT SIGN	2.00	2.50	5.00	5.00	14.50		
509A				R3-5L(SP)	LEFT TURN/U-TURN ON GREEN ARROW ONLY	2.50	3.00	7.50	7.50			
509B				SPECIAL	NO U-TURNS VEHICLES OVER 22 FT	2.50	1.50	3.75	3.75			
510	LAGRANGE	201+40	6' RT	R6-2R	ONE WAY - RIGHT	2.50	3.00	7.50	7.50	15.00		
511	55TH	100+87	1' LT	R4-7	KEEP RIGHT SIGN	2.00	2.50	5.00	5.00	14.50		
511A				R3-5L(SP)	LEFT TURN/U-TURN ON GREEN ARROW ONLY	2.50	3.00	7.50	7.50			
511B				SPECIAL	NO U-TURNS VEHICLES OVER 22 FT	2.50	1.50	3.75	3.75			
512	55TH	101+66	0' RT	R6-2R	ONE WAY - RIGHT	2.50	3.00	7.50	7.50	13.00		
513				R6-2R	ONE WAY - RIGHT	2.50	3.00	7.50	7.50			
514	55TH	101+91	52' LT	R3-5R	ONE WAY - RIGHT	2.50	3.00	7.50	7.50	15.00	1	
515	55TH	102+40	0' RT	R6-2R	ONE WAY - RIGHT	2.50	3.00	7.50	7.50	13.00		
516	55TH	103+19	0' RT	R6-2R	ONE WAY - RIGHT	2.50	3.00	7.50	7.50	13.00		
517				R6-2R	ONE WAY - RIGHT	2.50	3.00	7.50	7.50			
518	55TH	103+78	0' RT	R6-2R	ONE WAY - RIGHT	2.50	3.00	7.50	7.50	16.00		
519				R6-2R	ONE WAY - RIGHT	2.50	3.00	7.50	7.50			
521	55TH	105+21	6' LT	R6-2R	ONE WAY - RIGHT	2.50	3.00	7.50	7.50	13.00		
522				R6-2R	ONE WAY - RIGHT	2.50	3.00	7.50	7.50			
523	55TH	105+95	10' LT	R6-2R	ONE WAY - RIGHT	2.50	3.00	7.50	7.50	13.00		
524	55TH	106+27	10' LT	R4-7	KEEP RIGHT SIGN	2.00	2.50	5.00	5.00	12.50		
525	55TH	106+98	3' LT	R4-7	KEEP RIGHT SIGN	2.00	2.50	5.00	5.00	12.50		
526	55TH	107+27	6' LT	R6-2R	ONE WAY - RIGHT	2.50	3.00	7.50	7.50	13.00		
527	55TH	107+59	4' LT	R6-2R	ONE WAY - RIGHT	2.50	3.00	7.50	7.50	13.00		
528	55TH	108+05	5' LT	R6-2R	ONE WAY - RIGHT	2.50	3.00	7.50	7.50	13.00		
528A				R6-2R	ONE WAY - RIGHT	2.50	3.00	7.50	7.50			
529	55TH	108+11	5' LT	R4-7	KEEP RIGHT SIGN	2.00	2.50	5.00	5.00	12.50		
530	55TH	119+64	40' LT	D3-1	STREET NAME (1-LINE) - 55TH STREET	3.00	0.67	2.00	2.00	13.33		
530A				D3-1	STREET NAME (1-LINE) - DANSHER AVE	3.00	0.67	2.00	2.00			
531	55TH	120+44	35' RT	R3-7R	RIGHT LANE MUST TURN RIGHT	3.00	3.00	9.00	9.00	13.00		
532	LAGRANGE	194+08	2' LT	R6-2R	ONE WAY - RIGHT	2.50	3.00	7.50	7.50	13.00		
533	LAGRANGE	194+93	3' LT	R6-2R	ONE WAY - RIGHT	2.50	3.00	7.50	7.50	13.00		
534				R6-2R	ONE WAY - RIGHT	2.50	3.00	7.50	7.50			
535	LAGRANGE	195+91	3' LT	R6-2R	ONE WAY - RIGHT	2.50	3.00	7.50	7.50	13.00		
536	LAGRANGE	196+05	3' LT	R6-2R	ONE WAY - RIGHT	2.50	3.00	7.50	7.50	13.00		
537	LAGRANGE	196+58	3' LT	R6-2R	ONE WAY - RIGHT	2.50	3.00	7.50	7.50	13.00		
538	LAGRANGE	196+84	49' RT	R3-5R	RIGHT TURN ONLY	2.50	3.00	7.50	7.50	15.00		
539	LAGRANGE	197+18	3' LT	R6-2R	ONE WAY - RIGHT	2.50	3.00	7.50	7.50	13.00		
540	LAGRANGE	197+80	3' LT	R6-2R	ONE WAY - RIGHT	2.50	3.00	7.50	7.50	13.00		
541				R6-2R	ONE WAY - RIGHT	2.50	3.00	7.50	7.50			
542	LAGRANGE	202+41	7' RT	R6-2R	ONE WAY - RIGHT	2.50	3.00	7.50	7.50	13.00		
543	LAGRANGE	203+25	2' RT	R6-2R	ONE WAY - RIGHT	2.50	3.00	7.50	7.50	13.00		
548	55TH	103+06	66' LT	R3-5R	RIGHT TURN ONLY	2.50	3.00	7.50	7.50			

MODEL: Default
FILE NAME: I:\2166-ath-sljnsch03.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - WLM	REVISED -	
	DRAWN - WLM	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - RGJ	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED SIGN SCHEDULE

SCALE: | SHEET 1 OF 1 SHEETS | STA. | TO STA.

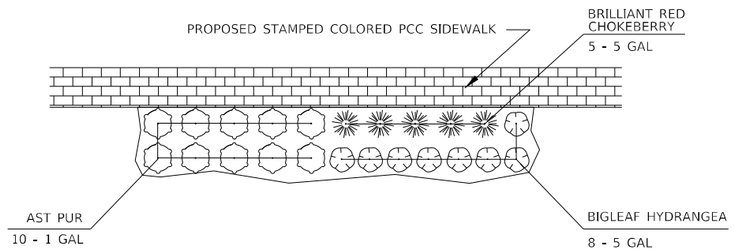
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	151
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

SCHEDULE OF TREE AND SHRUB PLANTINGS

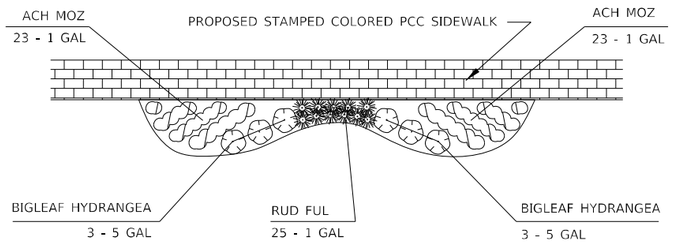
ITEM	DESCRIPTION	UNIT	TOTAL	LANDSCAPE PLAN SHEET NUMBER		
				SHEET 1	SHEET 2	SHEET 3
A2000120	TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	14	1	0	13
A2000220	TREE, ACER X FREEMANII MARMO (MARMO FREEMAN MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	3	3	0	0
A2001916	TREE, ACER SACCHARUM LEGACY (LEGACY SUGAR MAPLE), 2 CALIPER, BALLED AND BURLAPPED	EACH	11	0	11	0
A2002514	TREE, CARPINUS CAROLINIANA (AMERICAN HORNBEAM), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	5	4	1	0
A2002820	TREE, CATALPA SPECIOSA (NORTHERN CATALPA), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	1	0	0	1
A2004620	TREE, GLEDITSIA TRIACANTHOS INERMIS (THORNLESS COMMON HONEYLOCUST), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	7	4	0	3
A2005024	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	5	2	0	3
A2005614	TREE, OSTRYA VIGINIANA (AMERICAN HOPHORNBEAM), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	11	11	0	0
A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	8	2	4	2
A2006816	TREE, QUERCUS MUEHLENBERGII (CHINKAPIN OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	1	1	0	0
A2007624	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 3" CALIPER, BALLED AND BURLAPPED	EACH	3	3	0	0
B0001716	TREE, AMELANCHIER X GRANDIFLORA APPLE, (APPLE SERVICEBERRY), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	8	8	0	0
B2006216	TREE, SYRINGA RETICULATA (JAPANESE TREE LILAC), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	4	1	3	0
C2000436	SHRUB, ARONIA ARTBUTIFOLIA BRILLIANT ISSIMA (BRILLIANT RED CHOKEBERRY), 3' HEIGHT, BALLED AND BURLAPPED	EACH	10	0	0	10
C2003260	SHRUB, HAMAMELIS VERNALIS (VERNAL WITCH HAZEL), 5' HEIGHT, BALLED AND BURLAPPED	EACH	3	3	0	0
C2C03428	SHRUB, HYDRANGEA MACROPHYLLA ENDLESS SUMMER (ENDLESS SUMMER BIGLEAF HYDRANGEA), 2' HEIGHT, CONTAINER GROWN	EACH	52	3	0	49
K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	4.51	0.38	0.00	4.13
K0026700	TREE CARE	EACH	8	1	0	7
K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	5			
K1005875	TREE TRANSPLANT	EACH	4	2	0	2

PLANTER AREA DETAILS

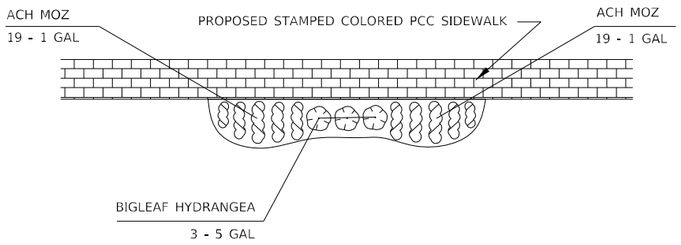
PLANTER AREA "A"



PLANTER AREA "B"



PLANTER AREA "C"



SCHEDULE OF PERENNIALS

PERENNIAL PLANTS	QTY	BOTANICAL/COMMON	CONT
ACH MOZ	306	ACHILLEA MOONSHINE / MOONSHINEYARROW	1 GAL@ 18" OC
AST PUR	20	ASTER NOVAE-ANGLIAE `PURPLE DOME`/ PURPLE DOME NEW ENGLAND ASTER	1 GAL@ 18" OC
RUD FUL	125	RUDBECKIA FULGIDA `GOLDSTURM` / GOLDSTURM BLACK-EYED SUSAN	1 GAL@ 18" OC

MODEL: Default
FILE NAME: I:\1166-dn-tr\dgn-sht\ld-0-1.dgn

BURNS McDONNELL

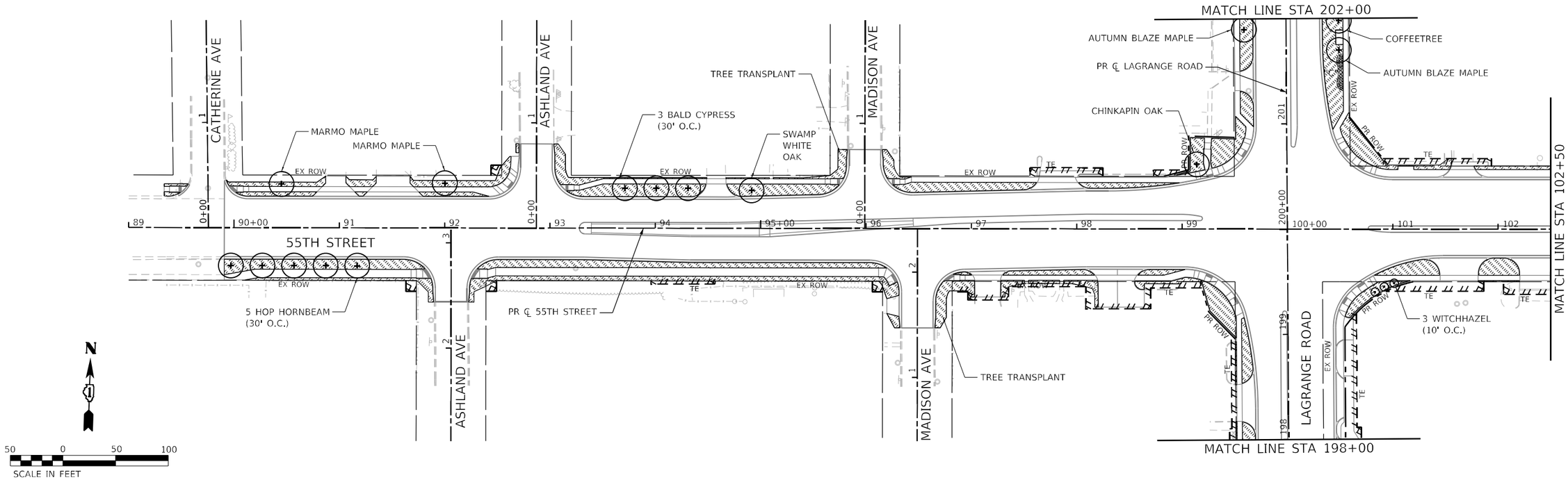
USER NAME = rjiang	DESIGNED - HTS	REVISED -
	DRAWN - HTS	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED - RGJ	REVISED -
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING SCHEDULE

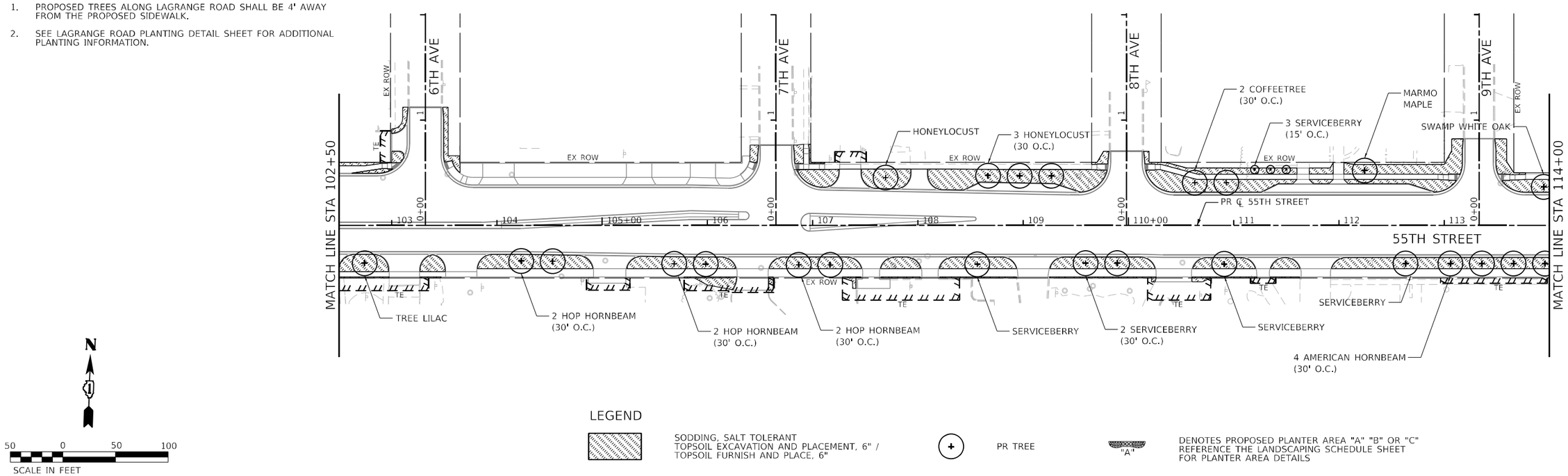
SCALE: | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	152
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		



NOTES:

1. PROPOSED TREES ALONG LAGRANGE ROAD SHALL BE 4' AWAY FROM THE PROPOSED SIDEWALK.
2. SEE LAGRANGE ROAD PLANTING DETAIL SHEET FOR ADDITIONAL PLANTING INFORMATION.



LEGEND

SODDING, SALT TOLERANT
TOPSOIL EXCAVATION AND PLACEMENT, 6" /
TOPSOIL FURNISH AND PLACE, 6"

PR TREE

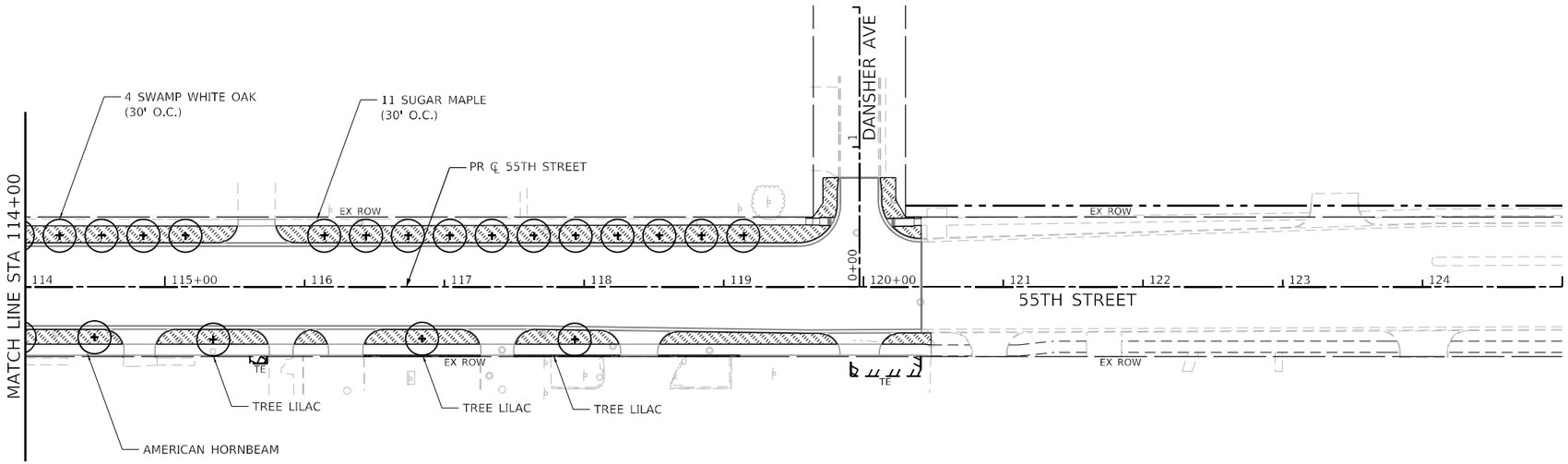
"A"

DENOTES PROPOSED PLANTER AREA "A" "B" OR "C"
REFERENCE THE LANDSCAPING SCHEDULE SHEET
FOR PLANTER AREA DETAILS

MODEL: Default
FILE NAME: 121166-sht-lndscp-01.dgn

BURNS McDONNELL	USER NAME = rjiang	DESIGNED - HTS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	55TH STREET LANDSCAPING PLAN
		DRAWN - HTS	REVISED -		
	PLOT SCALE = 100.0000 ' / in.	CHECKED - RGJ	REVISED -		
	PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -		SCALE: 1" = 50' SHEET 1 OF 3 SHEETS STA. 89+90.76 TO STA. 114+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	153
		CONTRACT NO. 60R50		
		ILLINOIS FED. AID PROJECT		



LEGEND

SODDING, SALT TOLERANT
TOPSOIL EXCAVATION AND PLACEMENT, 6" /
TOPSOIL FURNISH AND PLACE, 6"

PR TREE

"A"

DENOTES PROPOSED PLANTER AREA "A" "B" OR "C"
REFERENCE THE LANDSCAPING SCHEDULE SHEET
FOR PLANTER AREA DETAILS

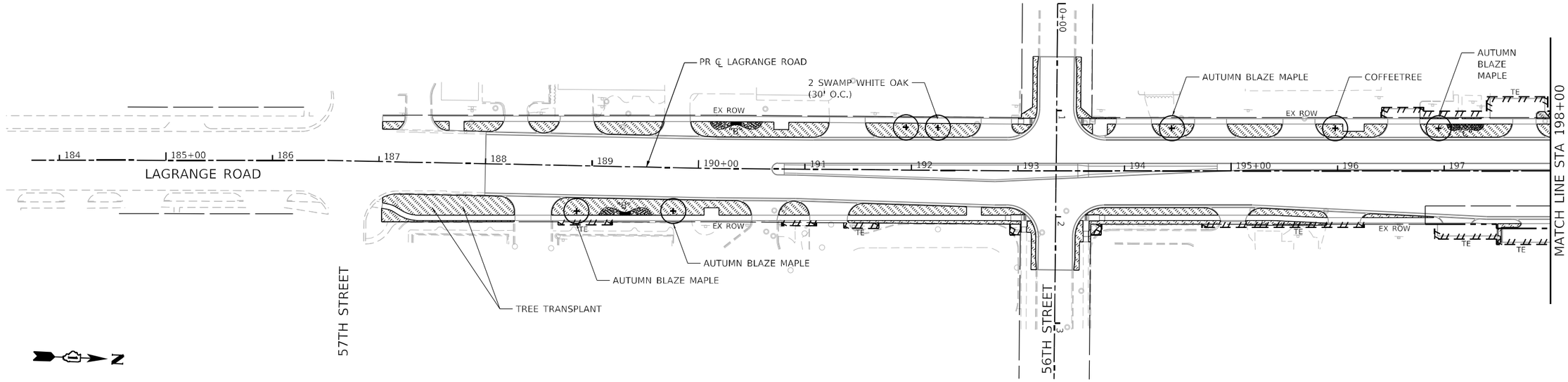
N

50 0 50 100
SCALE IN FEET

MODEL: Default
FILE NAME: 121166-sht-lndscp-02.dgn

BURNS McDONNELL	USER NAME = rjiang	DESIGNED - HTS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	55TH STREET LANDSCAPING PLAN
		DRAWN - HTS	REVISED -		
	PLOT SCALE = 100.0000 ' / in.	CHECKED - RGJ	REVISED -		
	PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -		SCALE: 1" = 50' SHEET 2 OF 3 SHEETS STA. 114+00 TO STA. 120+41.46

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	154
		CONTRACT NO. 60R50		
		ILLINOIS FED. AID PROJECT		



NOTES:

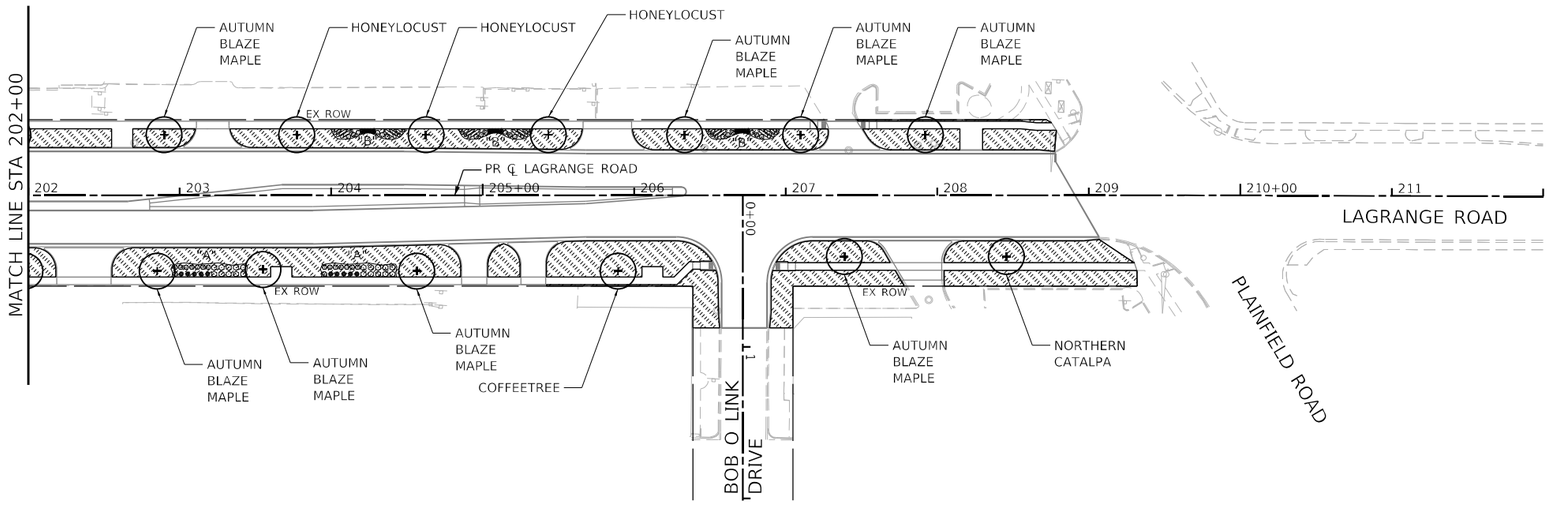
1. PROPOSED TREES ALONG LAGRANGE ROAD SHALL BE 4' AWAY FROM THE PROPOSED SIDEWALK.
2. SEE LAGRANGE ROAD PLANTING DETAIL SHEET FOR ADDITIONAL PLANTING INFORMATION.

LEGEND

SODDING, SALT TOLERANT
TOPSOIL EXCAVATION AND PLACEMENT, 6" /
TOPSOIL FURNISH AND PLACE, 6"

PR TREE

DENOTES PROPOSED PLANTER AREA "A" "B" OR "C"
REFERENCE THE LANDSCAPING SCHEDULE SHEET
FOR PLANTER AREA DETAILS



MODEL: Default
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BURNS McDONNELL	USER NAME = rjlang	DESIGNED - HTS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
		DRAWN - HTS	REVISED -	
	PLOT SCALE = 100.0000 ' / in.	CHECKED - RGJ	REVISED -	
	PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -	

US ROUTE 12/20/45 (LAGRANGE ROAD)
LANDSCAPING PLAN

SCALE: 1" = 50' | SHEET 3 OF 3 SHEETS | STA. 188+00 | TO STA. 209+06.84

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	155
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	

GENERAL PLANTING SPECIFICATIONS

1. FIELD VERIFICATION
THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD PRIOR TO BIDDING AND REPORT ANY DISCREPANCIES TO THE OWNER OR HIS REPRESENTATIVE.

2. PROTECTION OF EXISTING SITE AND EXISTING SITE FEATURES
THE CONTRACTOR SHALL PROVIDE, AT HIS OWN EXPENSE, PROTECTION AGAINST TRESPASSING AND DAMAGE TO SEEDED AREAS, PLANTED AREAS, AND OTHER CONSTRUCTION AREAS UNTIL THE PRELIMINARY ACCEPTANCE. HE SHALL PROVIDE BARRICADES, TEMPORARY FENCING, SIGNS, AND WRITTEN WARNING OR POLICING AS MAY BE REQUIRED TO PROTECT SUCH AREAS. THE CONTRACTOR SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY THE OWNER AFTER SUCH WARNING HAS BEEN ISSUED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND PROTECT ALL EXISTING ABOVE AND BELOW GROUND UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF CROWNS, TRUNKS AND ROOTS OF EXISTING TREES,, SHRUBS, LAWNS, PAVED AREA AND OTHER EXISTING LANDSCAPED AREAS THAT ARE TO REMAIN. EXISTING TREES, WHICH MAY BE SUBJECT TO CONSTRUCTION DAMAGE, SHALL BE BOXED, FENCED, OR OTHERWISE PROTECTED BEFORE ANY WORK IS STARTED. BOXING OR OTHER PROTECTION WILL BE REMOVED AT THE END OF CONSTRUCTION. DO NOT LOCATE HEAVY EQUIPMENT OR STOCKPILES WITHIN THE DRIP-LINE OF EXISTING PLANTS OR ON LAWNS. ANY DAMAGE TO UTILITIES, STRUCTURES, PLANTINGS, OR LAWN WHICH RESULTS FROM THE CONTRACTOR'S EXPENSE IN A REASONABLE SHORT PERIOD OF TIME, WITH AS LITTLE INCONVENIENCE TO THE OWNER AS POSSIBLE.

3. PLANTING TECHNIQUES
ALL PLANTING TECHNIQUES AND METHODS SHALL BE CONSISTENT WITH THE LATEST EDITION OF "HORTICULTURE STANDARDS OF NURSERYMEN, INC.", AND AS DETAILED ON THESE DRAWINGS. ALL DECIDUOUS PLANT MATERIAL SHALL BE THIN PRUNED TO REMOVE 1/3 INTERIOR BRANCHED, DEAD BRANCHES AND BROKEN BRANCHES. PRUNING SHALL COMPLIMENT PLANTS NATURAL FORM. ABSOLUTELY NO TIP PRUNING IS ALLOWED, EXCEPT HEDGES. ANY PLANT THAT IS TIP PRUNED IS SUBJECT TO REJECTION BY THE LANDSCAPE ARCHITECT. EVERGREEN TREES AND SHRUBS SHALL BE PRUNED OF DEAD AND BROKEN BRANCHES AND AS DIRECTED BY THE LANDSCAPE ARCHITECT. ALL PRUNING WORK SHALL BE DONE WITH HAND PRUNERS ONLY.

4. INSPECTION OF PLANT MATERIAL
ALL PLANT MATERIALS SHALL BE SUBJECT TO INSPECTION AND APPROVAL. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT OT REJECT ANY PLANTS WHICH FAIL TO MEET THIS INSPECTION. ALL REJECTED MATERIAL SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR. HEIGHT OF EVERGREEN TREES ARE MEASURED FROM THE GROUND TO THE FIRST LATERAL BRANCH CLOSEST TO THE TOP. HEIGHT AND/OR WIDTH OF OTHER PLANTS SO SPECIFIED ARE MEASURED BY THE MASS OF THE PLANT NOT THE VERY TIP OF THE BRANCHES. ALL PLANT MATERIAL SHALL BE GROWN AND SUPPLIED WITHIN A 50 MILE RADIUS OF THE PROJECT.

5. PLANT SUBSTITUTION
SUBSTITUTION FROM THE SPECIFIED LIST WILL BE ACCEPTED ONLY WHEN SATISFACTORY EVIDENCE IN WRITING IS SUBMITTED TO THE LANDSCAPE ARCHITECT, SHOWING THAT THE PLANT SPECIFIED IS NOT AVAILABLE. REQUESTS FOR APPROVAL OF SUBSTITUTE PLANT MATERIAL SHALL INCLUDE COMMON AND BOTANICAL NAMES AND SIZE OF SUBSTITUTE MATERIAL. ONLY THOSE SUBSTITUTIONS OF AT LEAST EQUIVALENT SIZE AND HAVING ESSENTIAL CHARACTERISTICS SIMILAR TO THE ORIGINALLY SPECIFIED MATERIAL WILL BE APPROVED. ACCEPTANCE OR REJECTION OF SUBSTITUTE PLANT MATERIALS WILL BE ISSUED IN WRITING BY THE LANDSCAPE ARCHITECT.

6. PLANTING SOIL – TREES, SHRUBS
PLANTING SOIL MIXTURE AS FOLLOWS:
1/3 TOPSOIL
1/3 SAND
1/3 MUSHROOM COMPOST

7. PLANTING SOIL – PERENNIALS AND ORNAMENTAL GRASSES
PLANTING SOIL MIXTURE AS FOLLOWS:
1/3 TOPSOIL
1/3 SAND
1/3 MUSHROOM COMPOST

7a. PLANTING SOIL – PLANTERS
PLANTING SOIL MIXTURE AS FOLLOWS:
CM63 CONTAINER MIX BY MIDWEST TRADING OR SIMILAR APPROVED.

8. STAKING AND GUYING
A. GUY AND STAKE DECIDUOUS TREES IF CONDITIONS WARRANT, OR AS REQUESTED BY THE LANDSCAPE ARCHITECT. ONE (1) STAKE TO BE USED ON TREES OF 1" CALIPER AND UNDER, OR 4' HEIGHT AND UNDER. TWO (2) STAKES TO BE USED ON TREES OF 1" TO 2 3/4" CALIPER. GUY TREES OF 3" CALIPER OR LARGER AT THREE (3) PER TREE.
B. GUY ALL EVERGREEN TREES. USE THREE (3) GUYS PER TREE. PROVIDE ALTERNATIVE PRICE TO GUY ALL TRANSPLANT EVERGREENS.

9. TREE WRAP
WRAP TREE SPIRALLY WITH APPROVED TREE WRAPPING TAPE THAT IS NOT LESS THAN 4" WIDE, AND SECURELY TIE WITH SUITABLE CORD AT THE TOP, BOTTOM, AND 2" INTERVALS ALONG THE TRUNK. WRAP FROM GROUND TO THE HEIGHT OF THE FIRST BRANCH.

10. MULCH
ALL INDIVIDUAL TREES SHALL BE MULCHED WITH A MINIMUM OF 3" FINELY SHREDDED BARK MULCH.

11. PRE-EMERGENT HERBICIDE
ALL PLANTING BEDS TO BE COVERED WITH BARK MULCH SHALL BE TREATED WITH A PRE-EMERGENT HERBICIDE PRIOR TO BARK INSTALLATION. PLANTING BED SHALL BE WEED FREE PRIOR TO HERBICIDE APPLICATION.

12. FERTILIZER TABLET SCHEDULE
WOODACE 14-3-3 BRIQUETTES 17 GRAM

4" CALIPER TREE	=	24 BRIQUETTES PER PLANT
3 1/2" CALIPER TREE	=	20 BRIQUETTES PER PLANT
3" CALIPER TREE	=	18 BRIQUETTES PER PLANT
2 1/2" CALIPER TREE	=	15 BRIQUETTES PER PLANT
2" CALIPER TREE	=	12 BRIQUETTES PER PLANT
1 1/2" CALIPER TREE	=	10 BRIQUETTES PER PLANT
7-10' HEIGHT TREE	=	10 BRIQUETTES PER PLANT
4-6' HEIGHT TREE	=	6 BRIQUETTES PER PLANT
48" SHRUB	=	12 BRIQUETTES PER PLANT
36" SHRUB	=	10 BRIQUETTES PER PLANT
18-24" SHRUB	=	6 BRIQUETTES PER PLANT
PERENNIALS OR GROUNDCOVERS		
QUART POT SIZE	=	1-2 BRIQUETTES PER PLANT

13. TOPSOIL
A. SHALL BE SPREAD OVER ALL AREAS TO BE PLANTED TO A MINIMUM DEPTH OF 12" WHEN COMPACTED TO BE PERFORMED BY OTHERS.
B. TOPSOIL SPEC
TOPSOIL SHALL HAVE THE FOLLOWING MECHANICAL ANALYSIS:

TEXTURAL CLASS	% OF TOTAL WEIGHT	AVERAGE %
SAND (0.05-2.0 MIL. DIA. RANGE)	5-25	20
SILT (0.002-0.05 MIL. DIA. RANGE)	20-50	40
CLAY (LESS THAN 0.002 MIL. DIA. RANGE)	20-50	40

1. 95% OF TOPSOIL SHALL PASS A 2.0 MIL. SIEVE.
2. TOPSOIL SHALL BE FREE OF STONES 1 IN. IN LONGEST DIMENSION, EARTH CLODS, PLANT PARTS AND DEBRIS.
3. ORGANIC MATTER CONTENT SHALL BE 4-12% OF TOTAL DRY WEIGHT.

C. TOPSOIL SHALL HAVE A pH VALUE RANGE OF 6.0 TO 7.0. IF THE SOIL DOES NOT FALL WITHIN THE pH RANGE SPECIFIED, IT MAY BE AMENDED TO BRING IT WITHIN THE SPECIFIED LIMIT.
D. SOIL TESTS
1. OBTAIN THE FOLLOWING INFORMATION ON THE TOPSOIL AND SUBMIT IT TO THE LANDSCAPE ARCHITECT PRIOR TO BEGINNING WTH WORK. SUCH INFORMATION SHALL BE OBTAINED FROM TESTS PERFORMED BY AN INDEPENDENT TESTING LABORATORY ACCEPTABLE TO THE LANDSCAPE ARCHITECT. THIS WILL BE AT NO ADDITIONAL EXPENSE TO THE OWNER.
A. SOIL pH AND RECOMMENDATIONS ON THE TYPE AND QUANTITY OF SOIL ADDITIVES REQUIRED, IF ANY, TO BRING THE EXISTING pH WITHIN THE DESIRED RANGE.
B. PERCENTAGE OF ORGANIC MATTER AND RECOMMENDATIONS ON THE TYPE AND QUANTITY OF SOIL ADDITIVES REQUIRED, IF ANY, TO BRING THE ORGANIC MATTER TO A SATISFACTORY LEVEL FOR PLANTINGS.
C. N-P-K ANALYSIS AND RECOMMENDATIONS ON THE TYPE AND QUNATITY OF ADDITIVES REQUIRED, IF ANY, TO ESTABLISH SATISFACTORY NUTRIENT LEVELS FOR PLANTINGS.

E. SOIL PREPARATION
AREAS WHERE VEHICULAR TRAFFIC HAS COMPACTED THE TOP SOIL SHALL BE LOOSENED/SCARIFIED TO A MINIMUM DEPTH OF 12" BEFORE FERTILIZING AND PLANTING. FINE GRADING OF ALL PLANTING AREAS IS REQUIRED. MAXIMUM SIZE OF STONE OR TOPSOIL LUMP IS 1".

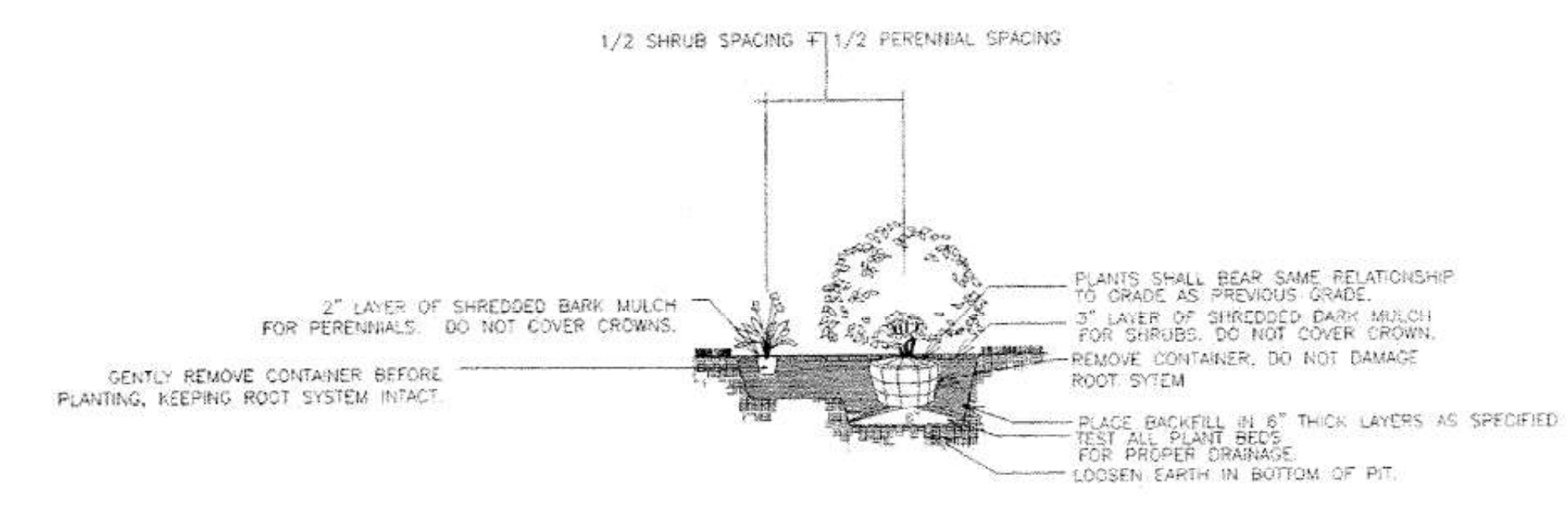
14. WATERING
A. PLANTING AREAS AND TURF SHALL BE WATERED TO INSURE PROPER ESTABLISHMENT. ONCE PLANTS AND TURF ARE ESTABLISHED, WATERING MAY BE DECREASED BUT THE PLANTS AND TURF MUST NEVER BE ALLOWED TO DRY OUT COMPLETELY. FREQUENT WATERING SHOULD BE CONTINUED FOR APPROXIMATELY FOUR (4) WEEKS OR UNTIL PLANTS AND TURF HAVE BECOME SUFFICIENTLY ESTABLISHED TO WARRANT WATERING ON AN "AS NEEDED" BASIS.
B. ESTABLISHMENT
PLANTS AND TURF ARE BEING ESTABLISHED IN A VARIETY OF CONDITIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE AND IMPLEMENT WHATEVER PROCEDURES HE DEEMS NECESSARY TO ESTABLISH THE PLANTS AND TURF AS PART OF HIS WORK. PLANTED AREAS AND TURF WILL BE ACCEPTED WHEN ALL AREAS ARE IN HEALTHY CONDITION AND AT LEAST 90 DAYS HAVE ELAPSED SINCE THE COMPLETION OF THIS WORK. THE CONTRACTOR SHALL SUBMIT WITH HIS BID A DESCRIPTION OF THE METHODS AND PROCEDURES HE INTENDS TO USE.

15. PRELIMINARY ACCEPTANCE
ALL PLANTINGS SHALL BE MAINTAINED BY THE CONTRACTOR FOR A PERIOD OF 90 DAYS AFTER PRELIMINARY ACCEPTANCE BY THE OWNER OR HIS REPRESENTATIVE. MAINTENANCE SHALL INCLUDE, BUT IS NOT LIMITED TO, PRUNING PLANT MATERIAL, PULLING WEEDS, WATERING PLANT MATERIAL, AND PERENNIAL FLOWER MAINTENANCE.

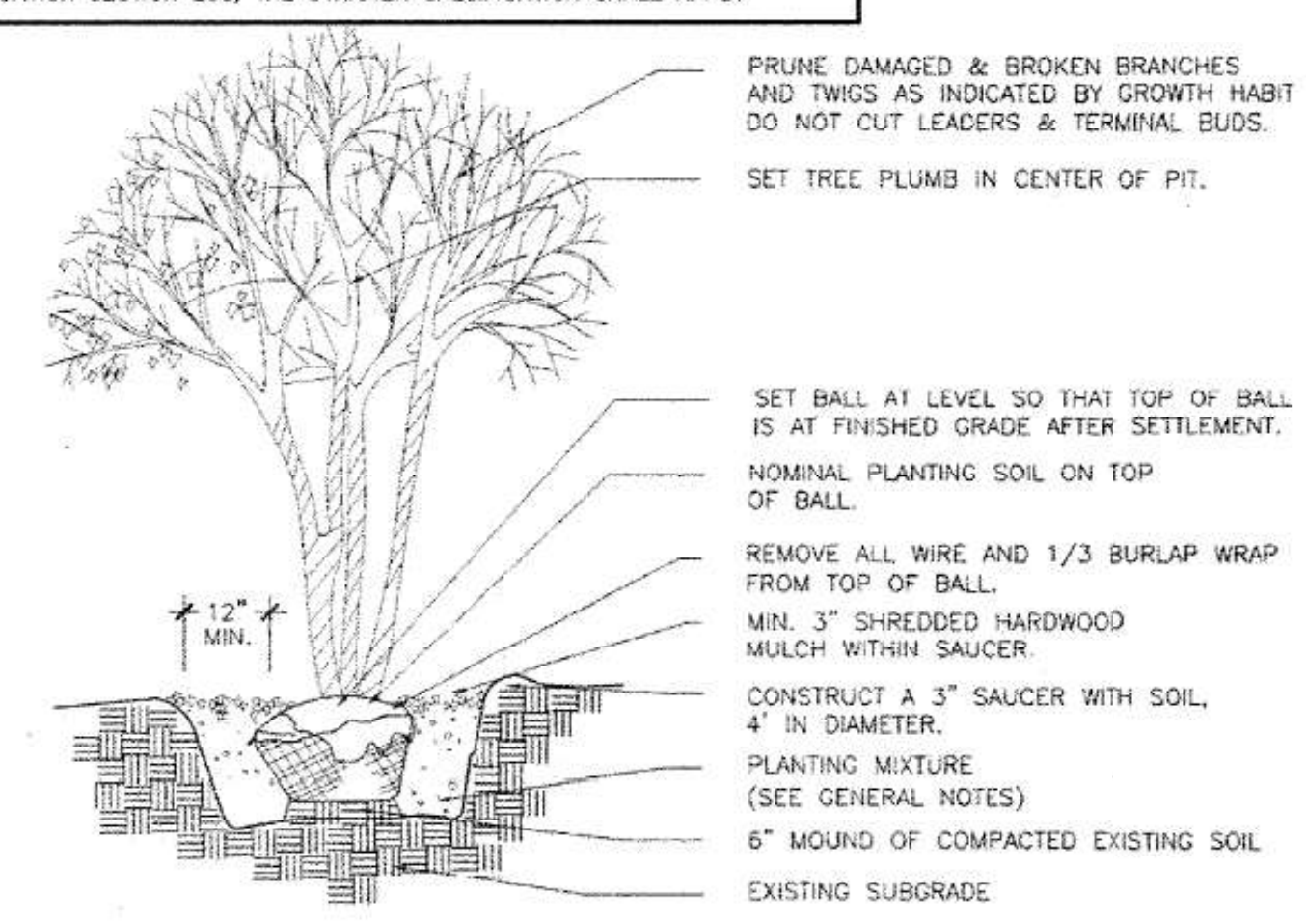
16. FINAL ACCEPTANCE
ALL PLANT MATERIAL (EXCLUDING ANNUAL COLOR), SHALL BE GUARANTEED FOR ONE YEAR AFTER THE END OF THE 90 DAY MAINTENANCE PERIOD. THE END OF THE MAINTENANCE PERIOD IS MARKED BY THE FINAL ACCEPTANCE OF THE CONTRACTOR'S WORK BY THE OWNER OR HIS REPRESENTATIVE.

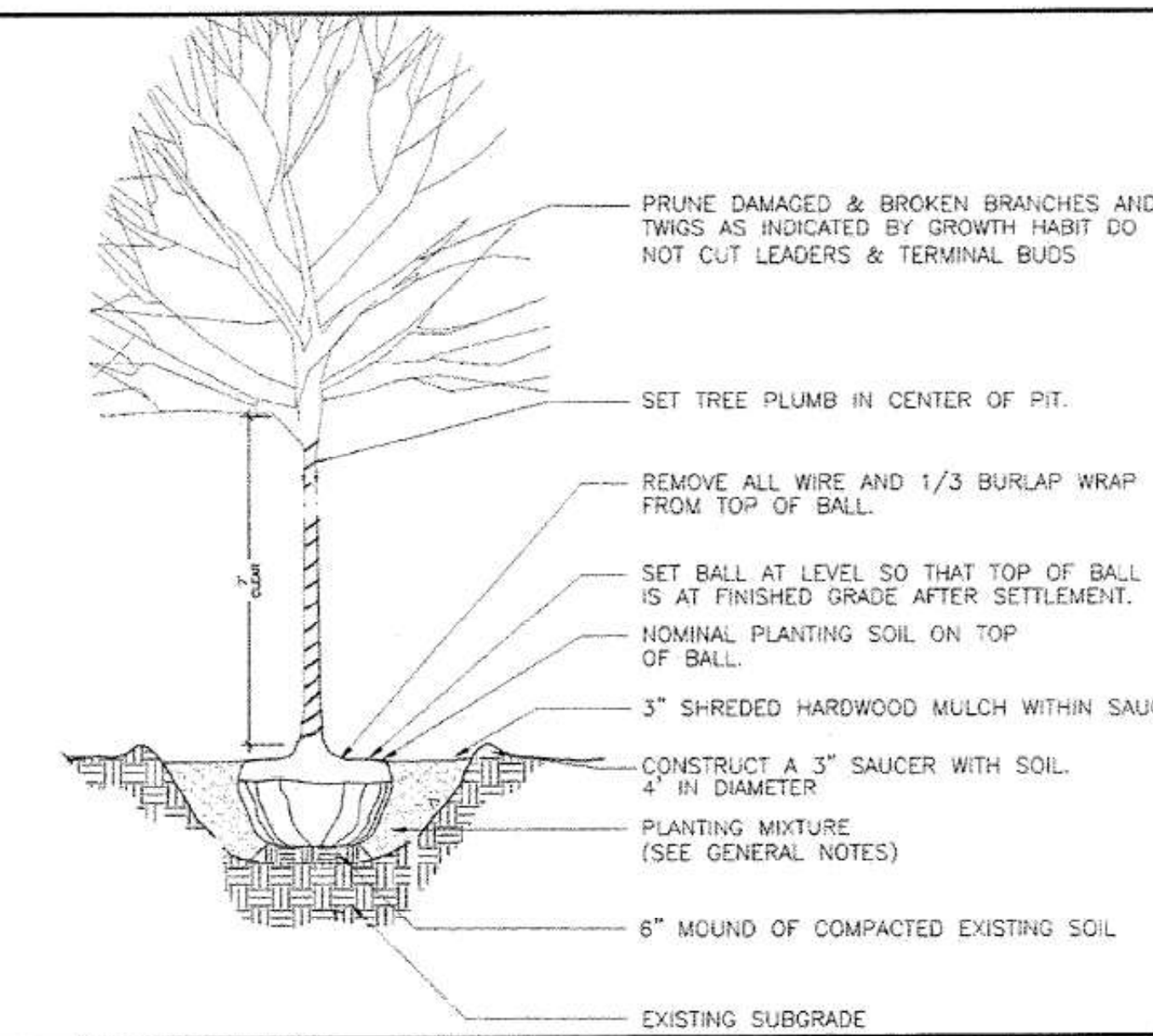
17. SITE CLEAN-UP
THE CONTRACTOR SHALL PROTECT THE PROPERTY OF THE OWNER AND THE WORK OF OTHER CONTRACTORS. THE CONTRACTOR SHALL ALSO BE DIRECTLY RESPONSIBLE FOR ALL DAMAGE CAUSED BY THE ACTIVITIES AND FOR THE DAILY REMOVAL OF ALL TRASH AND DEBRIS FROM HIS WORK AREA TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT.

18. CONFLICT WITH IDOT SPECIFICATION SECTION 253
WHERE CONFLICTS ARISE BETWEEN DETAILS SHOWN AS PART OF THESE PLANS AND IDOT SPECIFICATION SECTION 253, THE STRICTER SPECIFICATION SHALL APPLY

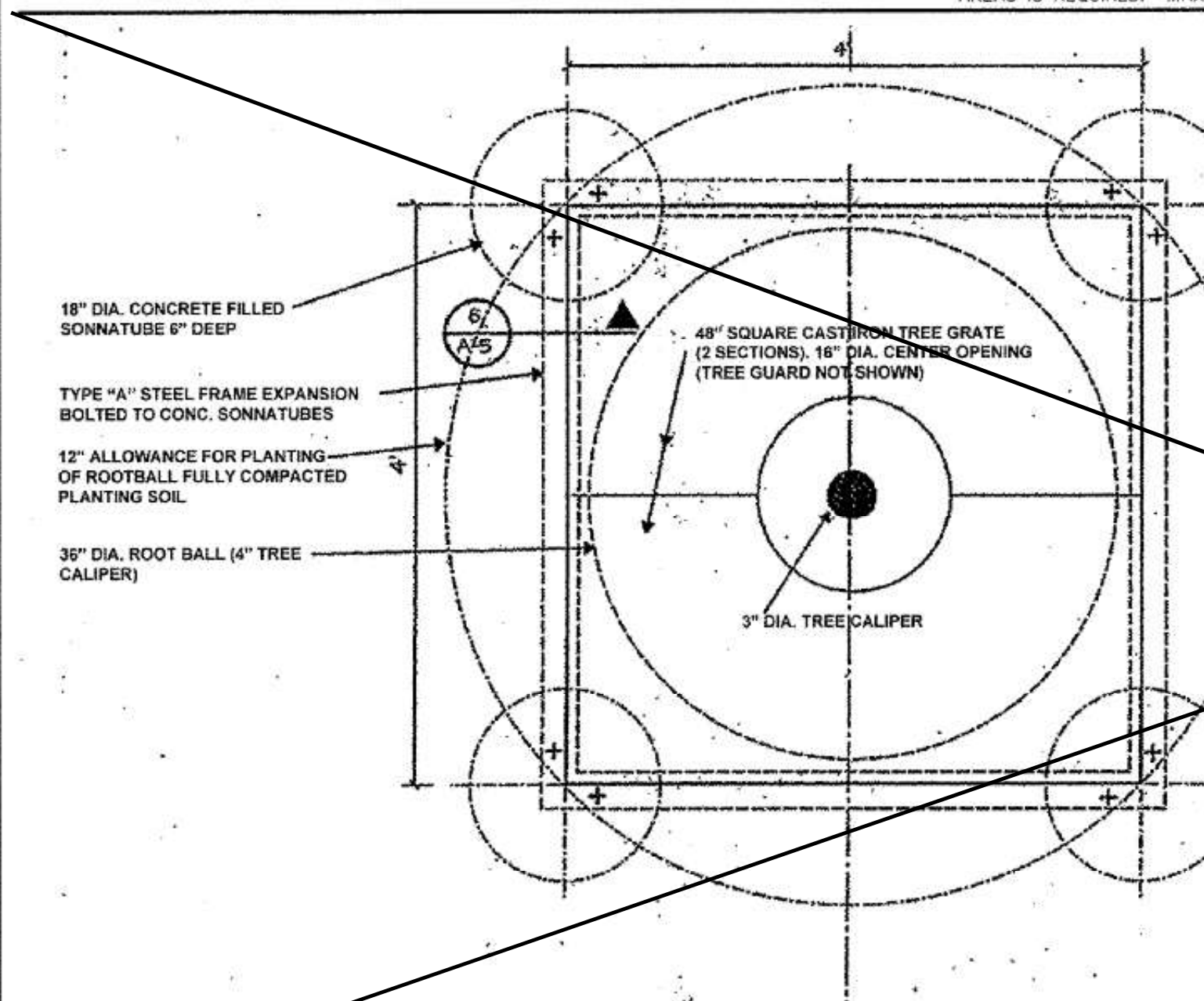


3 SHRUB/PERENNIAL/GROUNDCOVER PLANTING DETAIL
NOT TO SCALE

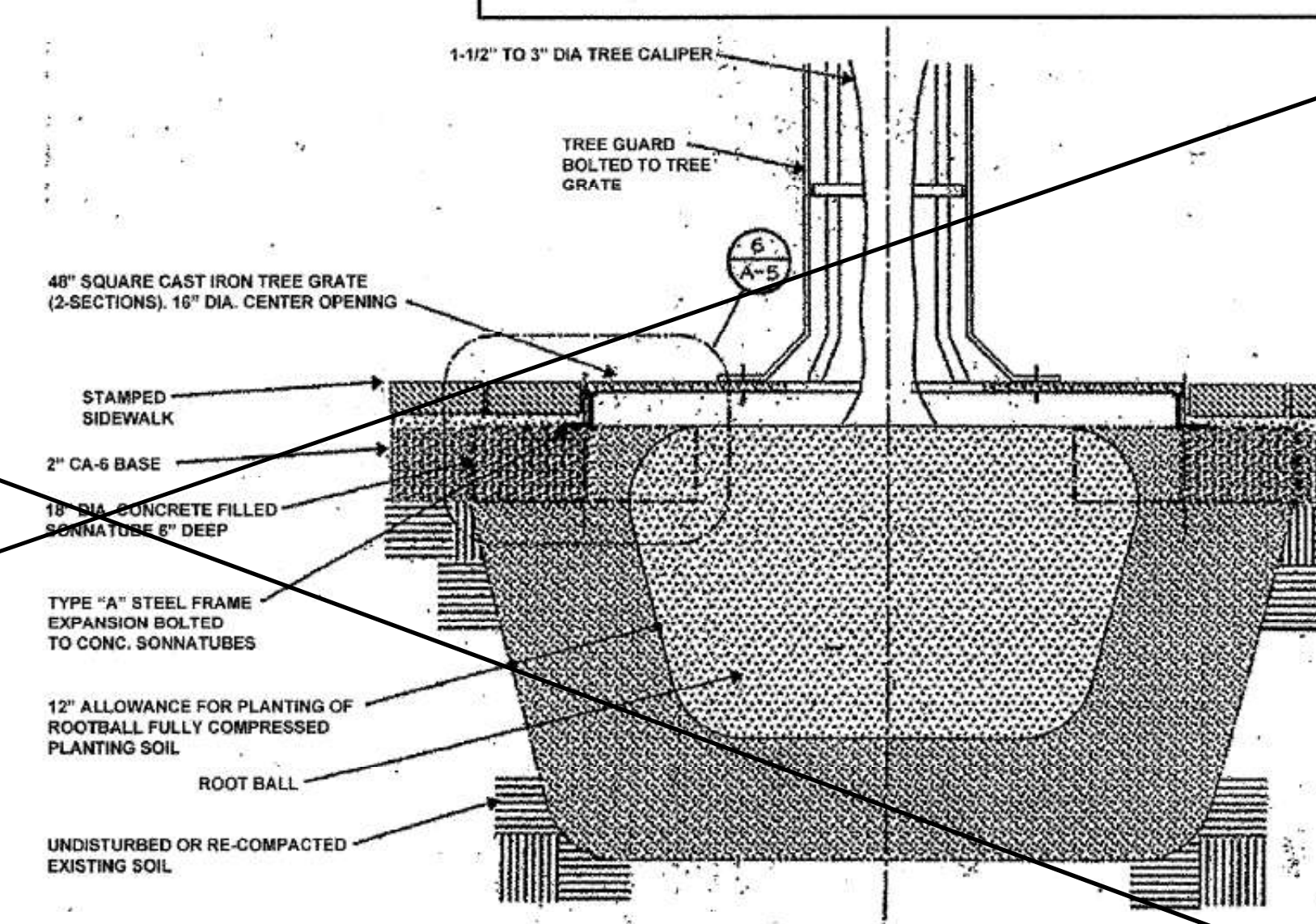




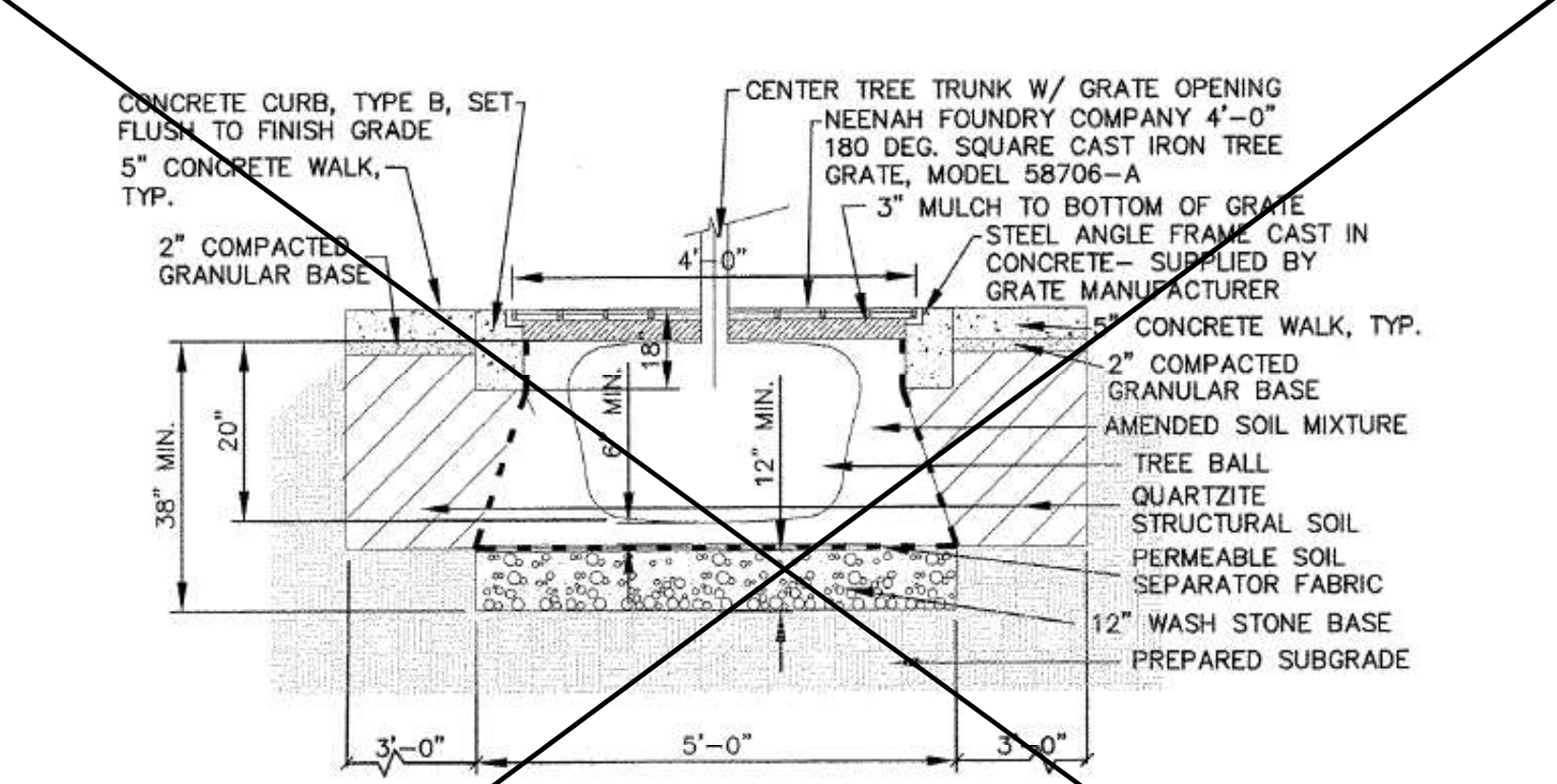
2 ORNAMENTAL TREE/LARGE SHRUB PLANTING DETAIL
NOT TO SCALE



PLAN OF TREE GRATING



SECTION THRU TREE GRATING



TREE PIT DETAIL IN SIDEWALK AREAS

Frank Novotny & Associates, Inc.
Civil Engineers/ Municipal Consultants
545 Plainfield Rd. ◆ Willowbrook, IL ◆ 60527 ◆ Telephone: (630) 887-8640 ◆ Fax: (630) 887-0132
STE A
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-000928

FILE NAME = CITY OF COUNTRYSIDE	USER NAME =	DESIGNED – BAH	REVISED –
FAP 330/US 12-20-45 (LAGRANGE RD.)		DRAWN – JEP	REVISED –
FAU 3562 (JOLIET ROAD) TO (57TH STREET)	PLOT SCALE =	CHECKED – JEF	REVISED –
LANDSCAPING AND SCENIC BEAUTIFICATION - PHASE II #10316	PLOT DATE =	DATE – 10/15	REVISED –

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL PLANTING DETAILS
SCALE: NONE | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	10-00037-00-LS	COOK	34	23
		CONTRACT NO. 61C85		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT TE-00D1(864)		

12/22/2016 2:36:35 PM

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

ITEM	EXISTING	PROPOSED
CONTROLLER CABINET		
COMMUNICATION CABINET	CC	CC
MASTER CONTROLLER	MC	MC
MASTER MASTER CONTROLLER	MMC	MMC
UNINTERRUPTABLE POWER SUPPLY		
SERVICE INSTALLATION -(P) POLE MOUNTED	P	P
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED	G GM	G GM
TELEPHONE CONNECTION	ET	T
STEEL MAST ARM ASSEMBLY AND POLE		
ALUMINUM MAST ARM ASSEMBLY AND POLE		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY		BM
WOOD POLE		
GUY WIRE		
SIGNAL HEAD		
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD OPTICALLY PROGRAMMED	P P	P P
FLASHER INSTALLATION -(FS) SOLAR POWERED	F FS F FS	F FS F FS
PEDESTRIAN SIGNAL HEAD		
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON	APS	APS
RADAR DETECTION SENSOR	R	R
VIDEO DETECTION CAMERA	V	V
RADAR/VIDEO DETECTION ZONE		
PAN, TILT, ZOOM (PTZ) CAMERA	PTZ	PTZ
EMERGENCY VEHICLE LIGHT DETECTOR		
CONFIMATION BEACON		
WIRELESS INTERCONNECT		
WIRELESS INTERCONNECT RADIO REPEATER	RR	RR

ITEM	EXISTING	PROPOSED
HANDHOLE -SQUARE -ROUND		
HEAVY DUTY HANDHOLE -SQUARE -ROUND	H	H
DOUBLE HANDHOLE		
JUNCTION BOX	J	J
RAILROAD CANTILEVER MAST ARM		
RAILROAD FLASHING SIGNAL		
RAILROAD CROSSING GATE		
RAILROAD CROSSBUCK		
RAILROAD CONTROLLER CABINET	RR	RR
UNDERGROUND CONDUIT (UC), GALVANIZED STEEL		
TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE		
SYSTEM ITEM	S	SP
INTERSECTION ITEM	I	IP
REMOVE ITEM		R
RELOCATE ITEM		RL
ABANDON ITEM		A
CONTROLLER CABINET AND FOUNDATION TO BE REMOVED		RCF
MAST ARM POLE AND FOUNDATION TO BE REMOVED		RMF
SIGNAL POST AND FOUNDATION TO BE REMOVED		RPF
DETECTOR LOOP, TYPE I		
PREFORMED DETECTOR LOOP	P P	P P
SAMPLING (SYSTEM) DETECTOR	S S	S S
INTERSECTION AND SAMPLING (SYSTEM) DETECTOR	IS IS	IS IS
QUEUE AND SAMPLING (SYSTEM) DETECTOR	QS QS	QS QS
WIRELESS DETECTOR SENSOR	W	W
WIRELESS ACCESS POINT		

ITEM	EXISTING	PROPOSED
SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD	P	P
SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE	P RB	P RB
PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER	C D	C D
ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED	5	5
GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)	1#6	1#6
ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C	1	1
COAXIAL CABLE	C	C
VENDOR CABLE	V	V
COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED	6#18	6#18
FIBER OPTIC CABLE -NO. 62.5/125, MM12F -NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F	12F 24F 36F	12F 24F 36F
GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE	C M P S	C M P S

USER NAME = footemj	DESIGNED - IP	REVISED -	
	DRAWN - IP	REVISED -	
PLOT SCALE = 50.0000 ' / In.	CHECKED - LP	REVISED -	
PLOT DATE = 3/4/2019	DATE - 9/29/2016	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 1 OF 7 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	157
	TS-05	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
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ts05.dgn 3/4/2019 11:21:59 AM User=footemj

LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.

2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.

3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.

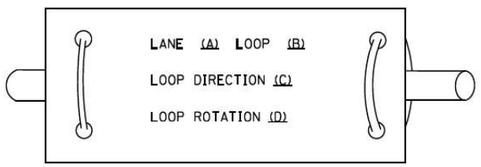
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.

5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.

6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.

7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

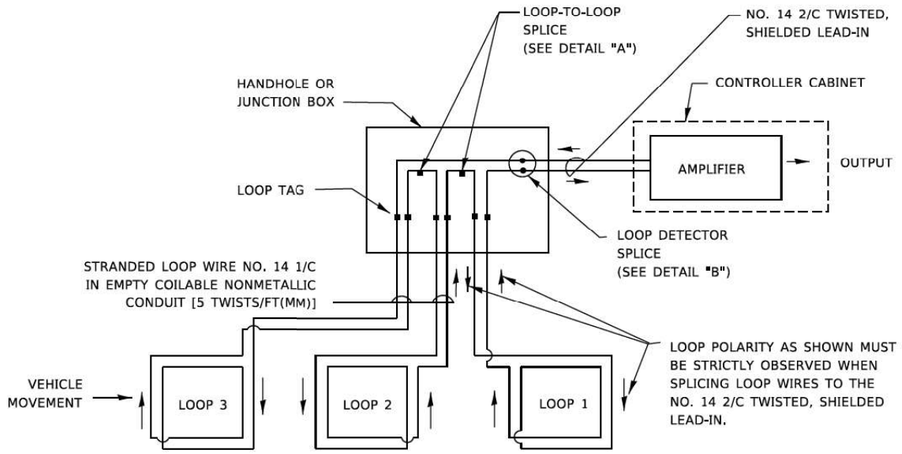


A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY

B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.

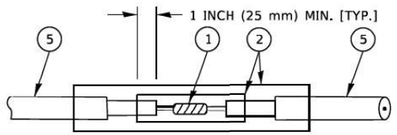
C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".

D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

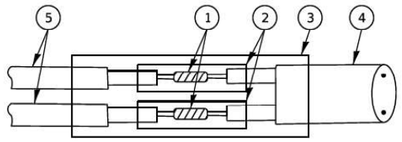


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES. SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE,
- THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

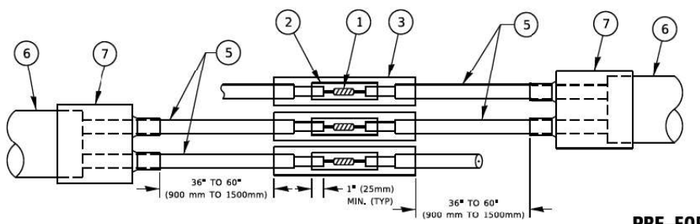


DETAIL "A"
LOOP-TO-LOOP SPLICE



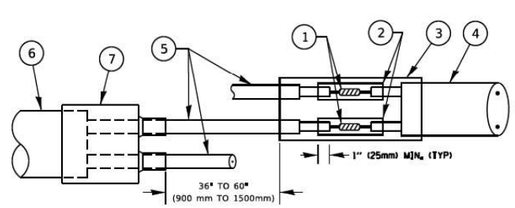
DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE

PRE-FORMED LOOP



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

LOOP DETECTOR SPLICE

1. WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.
2. WCSMW 30/100 HEAT SHRINK TUBE. MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
3. WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGHT 6" (150 mm), UNDERWATER GRADE.
4. NO. 14 2/C TWISTED, SHIELDED CABLE.
5. LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE, PRE-FORMED LOOP
6. XL POLYOLEFIN 2 CONDUCTOR
7. BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

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PLOT DATE = 3/4/2019	DATE -	REVISED -	

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 2 OF 7 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	TS-05	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

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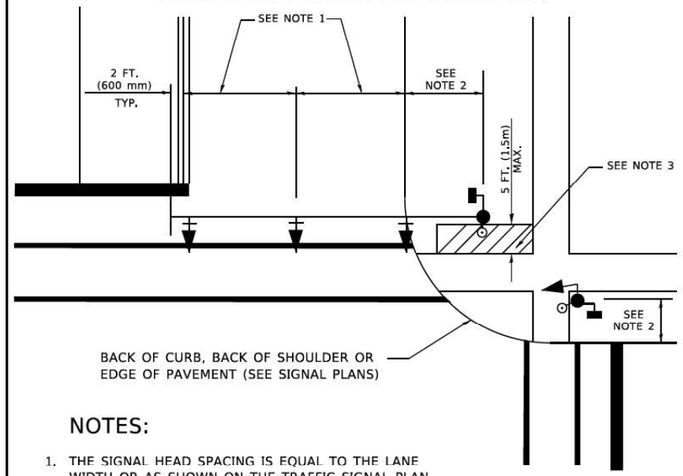
TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

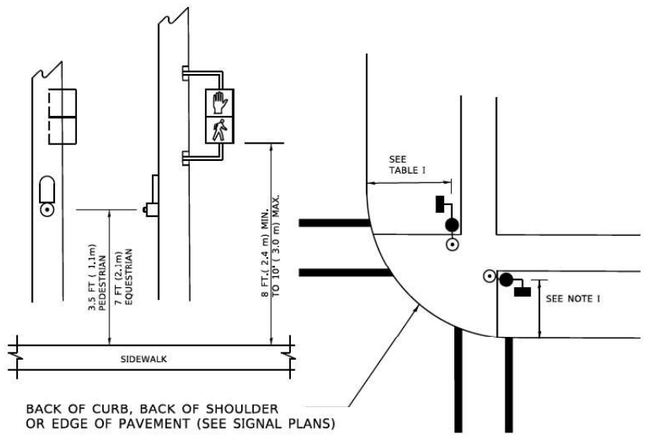
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



NOTES:

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

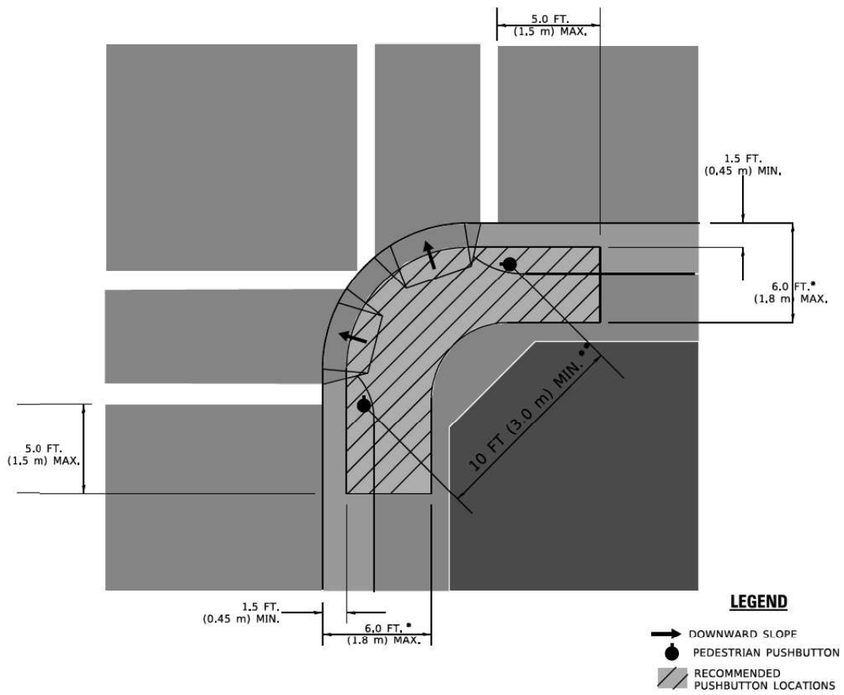
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



NOTES:

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

RECOMMENDED PUSHBUTTON LOCATIONS



* WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.

** WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

TRAFFIC SIGNAL EQUIPMENT OFFSET

TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

NOTES:

1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TOTHE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 3 OF 7 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	159
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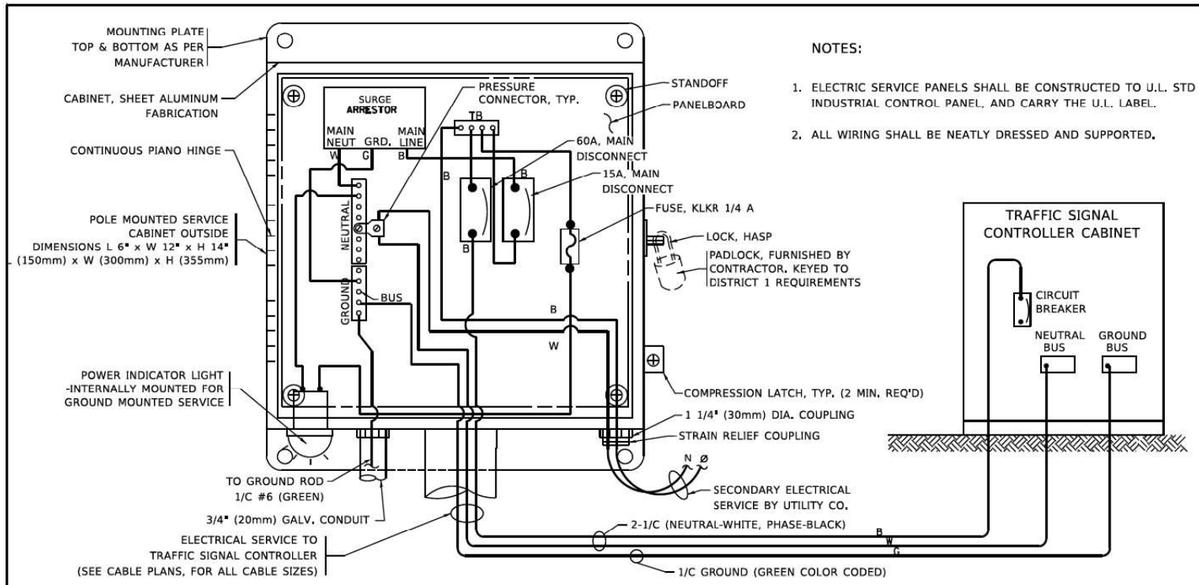


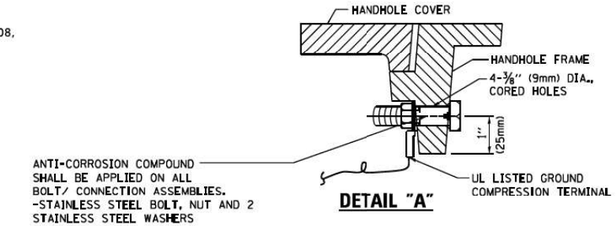
NOTES:

1. ELECTRIC SERVICE PANELS SHALL BE CONSTRUCTED TO U.L. STD 508, INDUSTRIAL CONTROL PANEL, AND CARRY THE U.L. LABEL.
2. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.

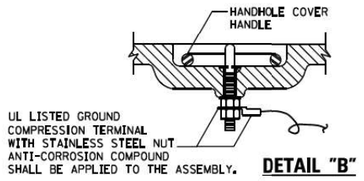
ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)

SERVICE INSTALLATION POLE MOUNT (SHOWN)

(NOT TO SCALE)



DETAIL "A"

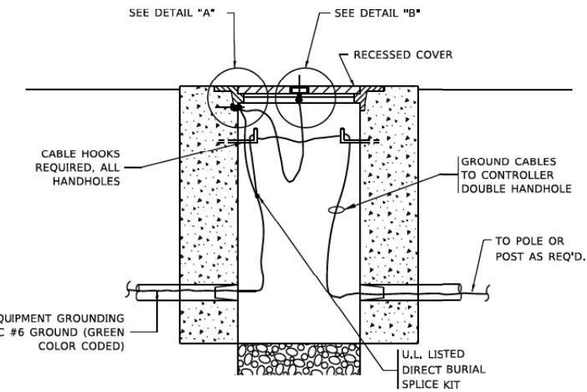


DETAIL "B"

NOTES:

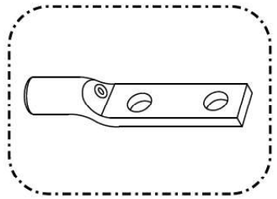
GROUNDING SYSTEM

1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
2. THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
3. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
4. THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.

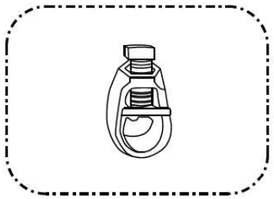


HANDHOLE COVER & FRAME – GROUNDING DETAIL

(NOT TO SCALE)



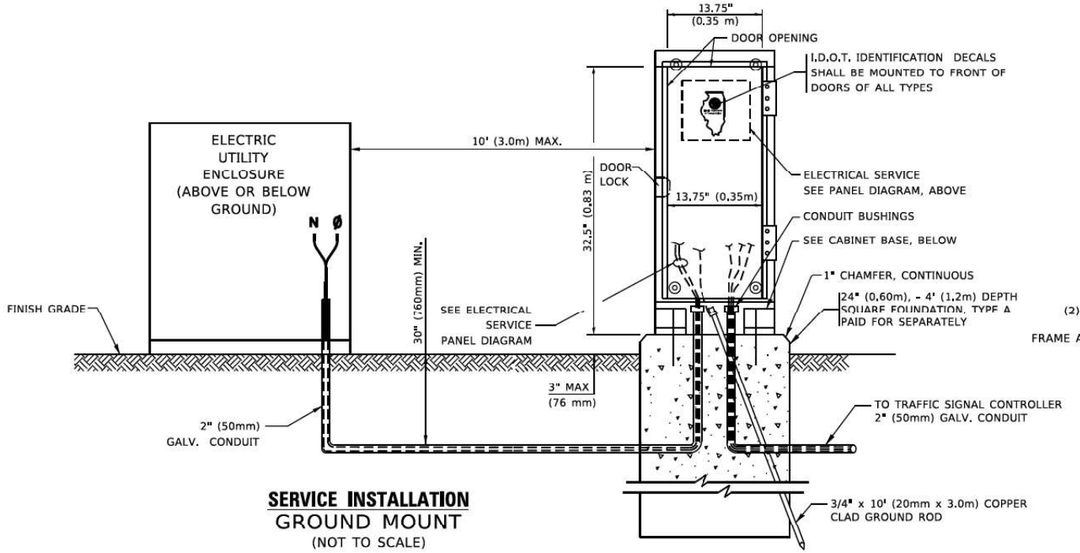
HEAVY-DUTY COMPRESSION TERMINAL (BURNDY TYPE YGHA OR APPROVED EQUAL)



¾" (20mm) HEAVY-DUTY GROUND ROD CLAMP (BURNDY TYPE GRC OR APPROVED EQUAL)

NOTES:

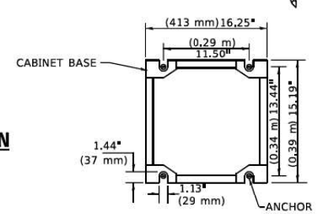
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
- GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES
  6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES
  13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES.
  5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



SERVICE INSTALLATION

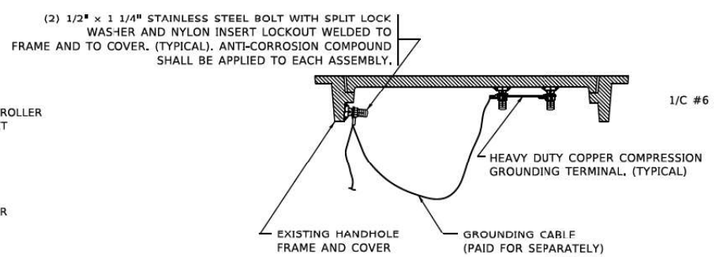
GROUND MOUNT

(NOT TO SCALE)



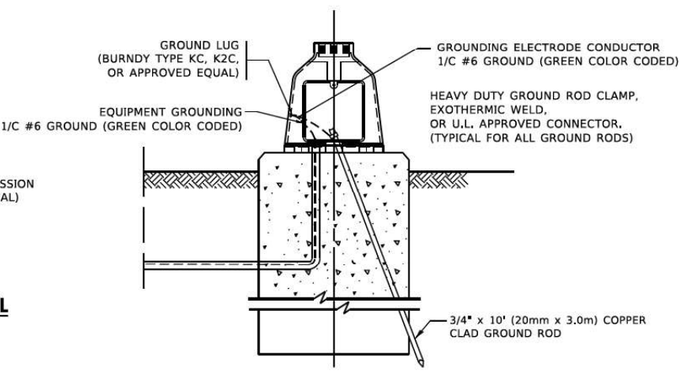
CABINET – BASE BOLT PATTERN

(NOT TO SCALE)



EXISTING HANDHOLE COVER & FRAME – GROUNDING DETAIL

(NOT TO SCALE)



MAST ARM POLE /POST–GROUNDING DETAIL

(NOT TO SCALE)

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 4 OF 7 SHEETS | STA. | TO STA.

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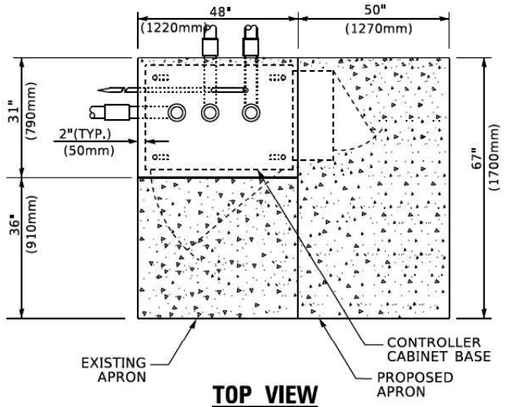
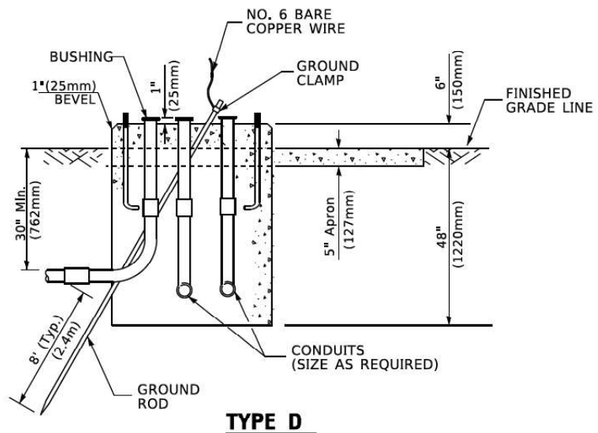
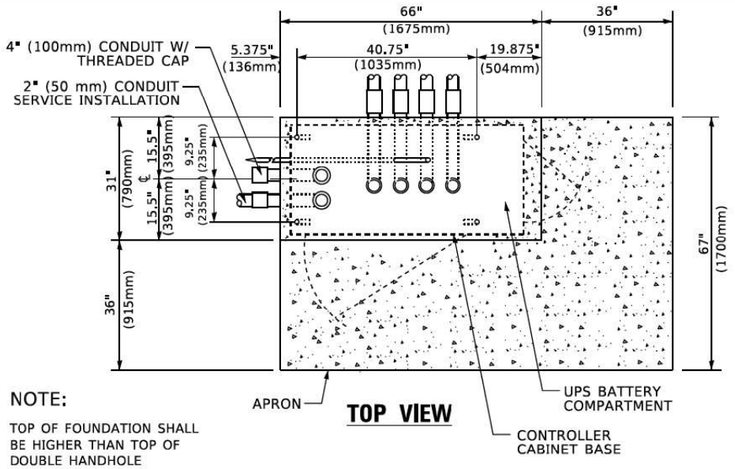


TOP VIEW



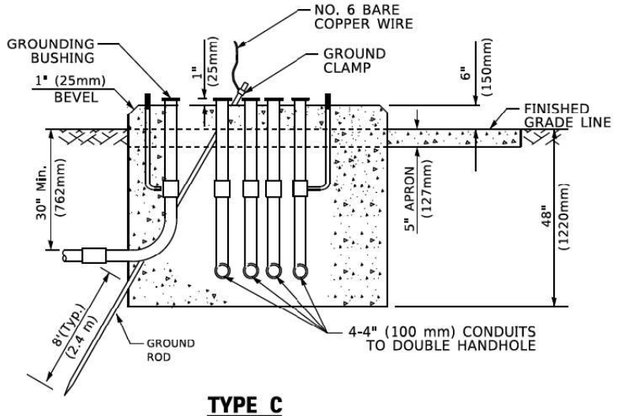
TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET



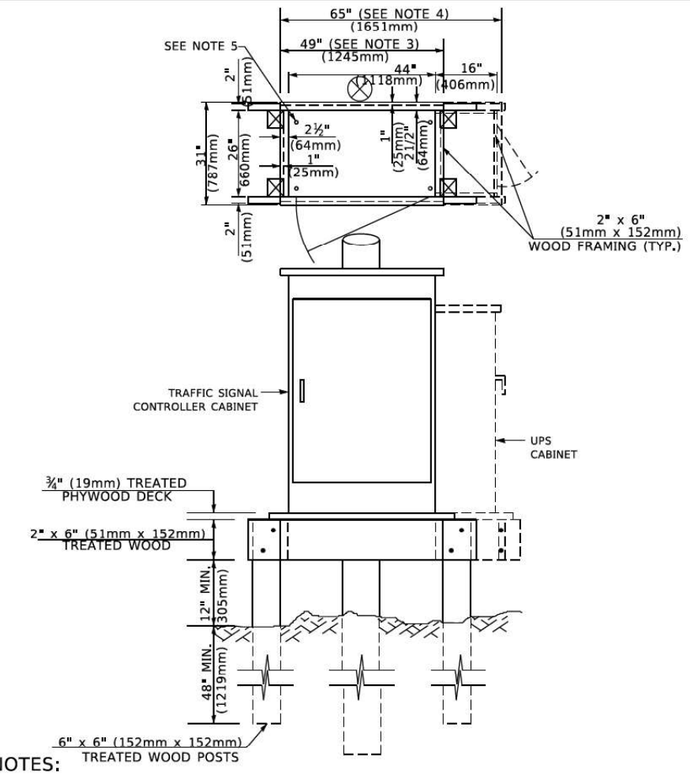
NOTE:

TOP OF FOUNDATION SHALL BE HIGHER THAN TOP OF DOUBLE HANDHOLE

TOP VIEW



TYPE C
FOR GROUND MOUNTED
SUPER P (TYPE IV) AND SUPER R (TYPE V)
CONTROLLER CABINETS



NOTES:

1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED
2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION..

TEMPORARY SIGNAL CONTROLLER
WOOD SUPPORT PLATFORM

CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

CABLE SLACK

VERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+L
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

VERTICAL CABLE LENGTH

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ UPS	4'-0" (1.2m)
TYPE D - CONTROLLER	4'-0" (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1.2m)

DEPTH OF FOUNDATION

Mast Arm Length	① Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

NOTES:

1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (Qu) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations
4. For mast arm assemblies with dual arms refer to state standard 878001..

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

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	DRAWN -	REVISED -
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PLOT DATE = 3/4/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 5 OF 7 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	161
	TS-05	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

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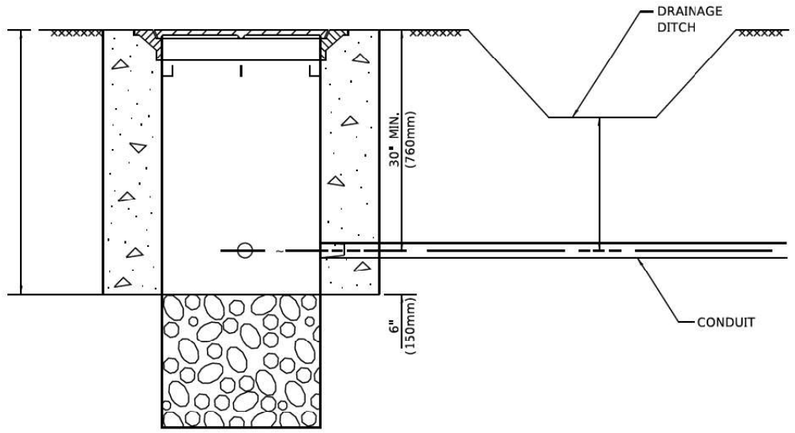
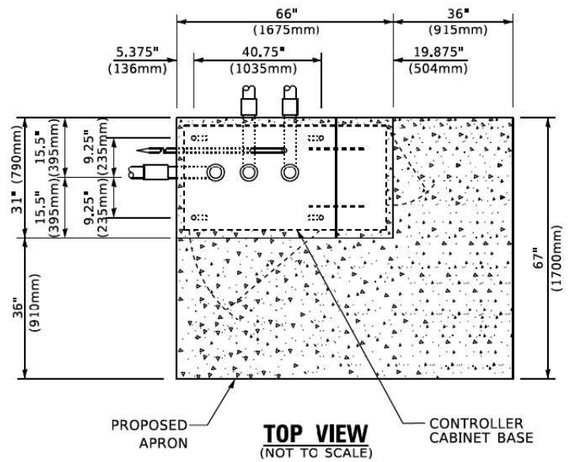


NOTES:

1. CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND
2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

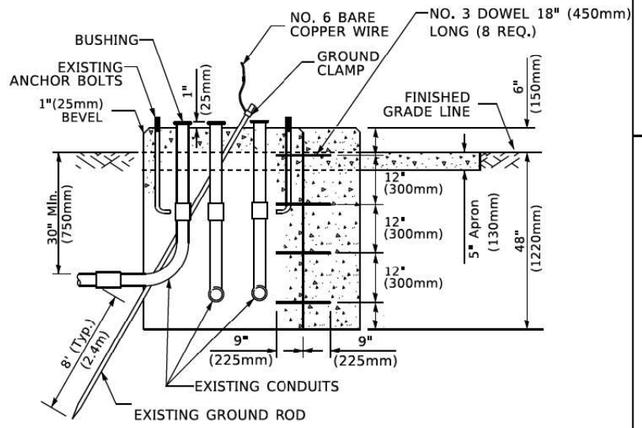
HANDHOLE WITH MINIMUM CONDUIT DEPTH

(NOT TO SCALE)



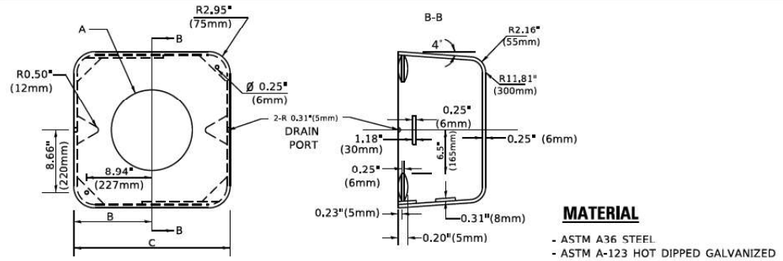
TOP VIEW

(NOT TO SCALE)



MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION

(NOT TO SCALE)



MATERIAL

- ASTM A36 STEEL
- ASTM A-123 HOT DIPPED GALVANIZED

A	B	C	HEIGHT	WEIGHT
VARIES	9.5"(241mm)	19"(483mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIES	10.75"(273mm)	21.5"(546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIES	13.0"(330mm)	26"(660mm)	7" (178mm) - 12" (300mm)	81 lbs (37 kg)
VARIES	18.5"(470mm)	37"(940mm)	7" (178mm) - 12" (300mm)	126 lbs (57 kg)

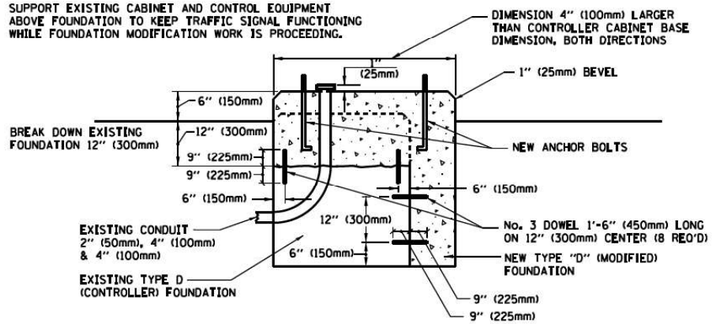
SHROUD

NOTES:

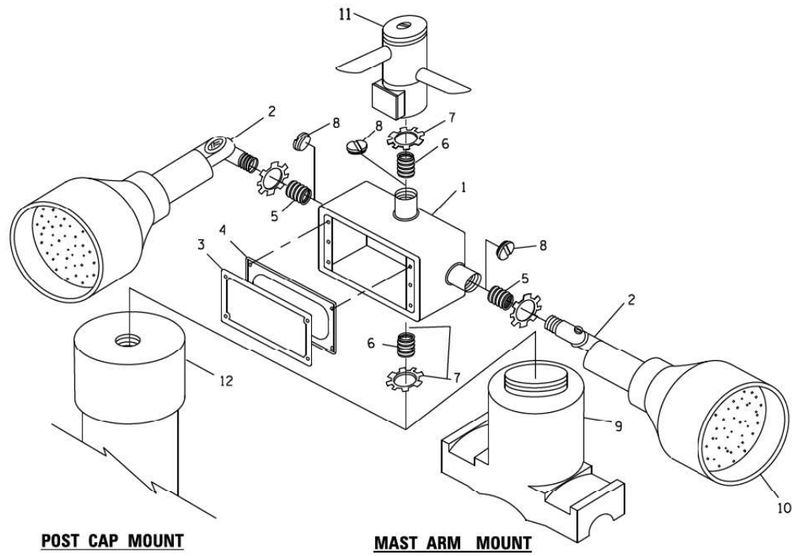
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFIED THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

NOTE:

SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.



MODIFY EXISTING TYPE "D" FOUNDATION



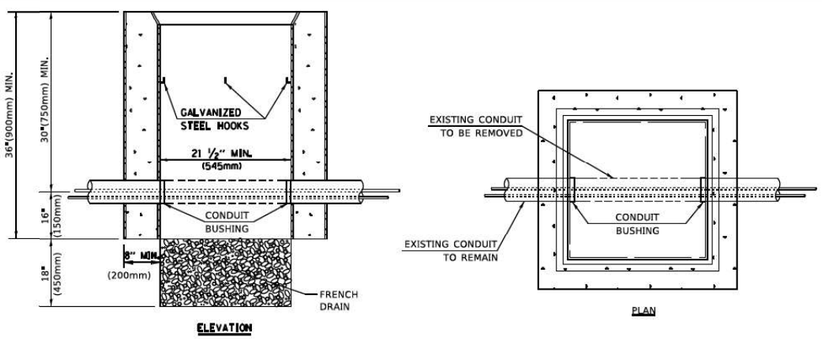
POST CAP MOUNT **MAST ARM MOUNT**

EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL

ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	½"(19 mm) CLOSE NIPPLE
7	¾"(19 mm) LOCKNUT
8	¾"(19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

NOTES:

1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
   ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
   ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4 "(19 mm) HOLE WITH PIPE THREADS, THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



NOTES:

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

HANDHOLE TO INTERCEPT EXISTING CONDUIT

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 6 OF 7 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	TS-05	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

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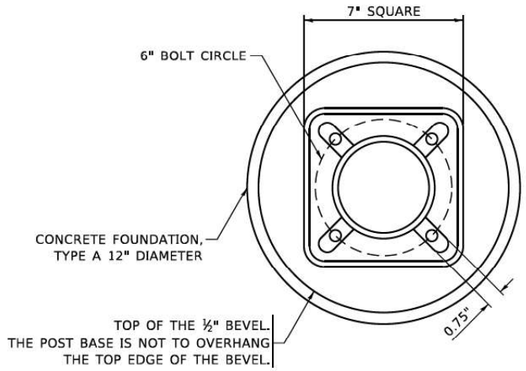
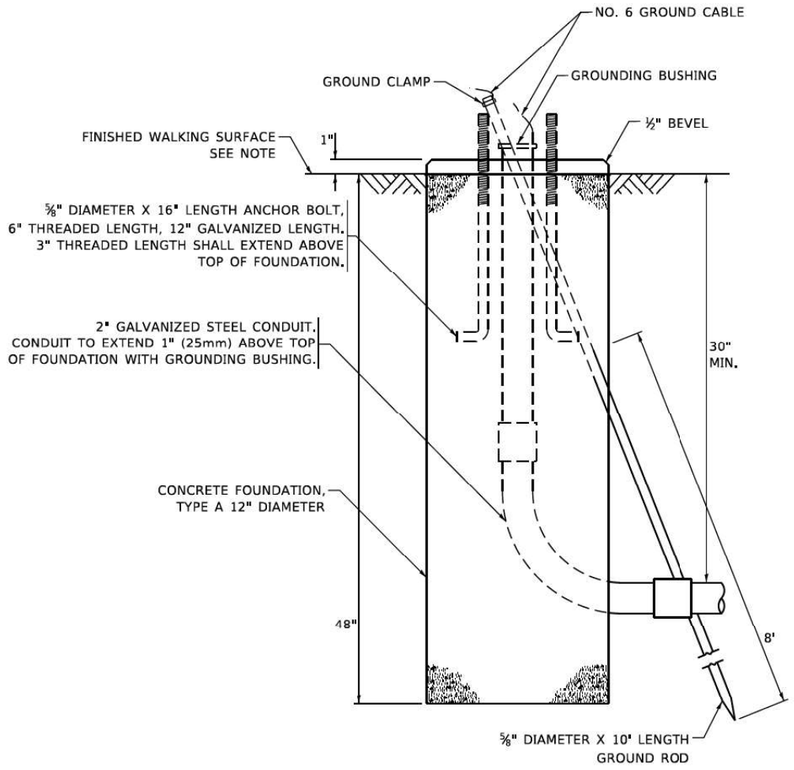


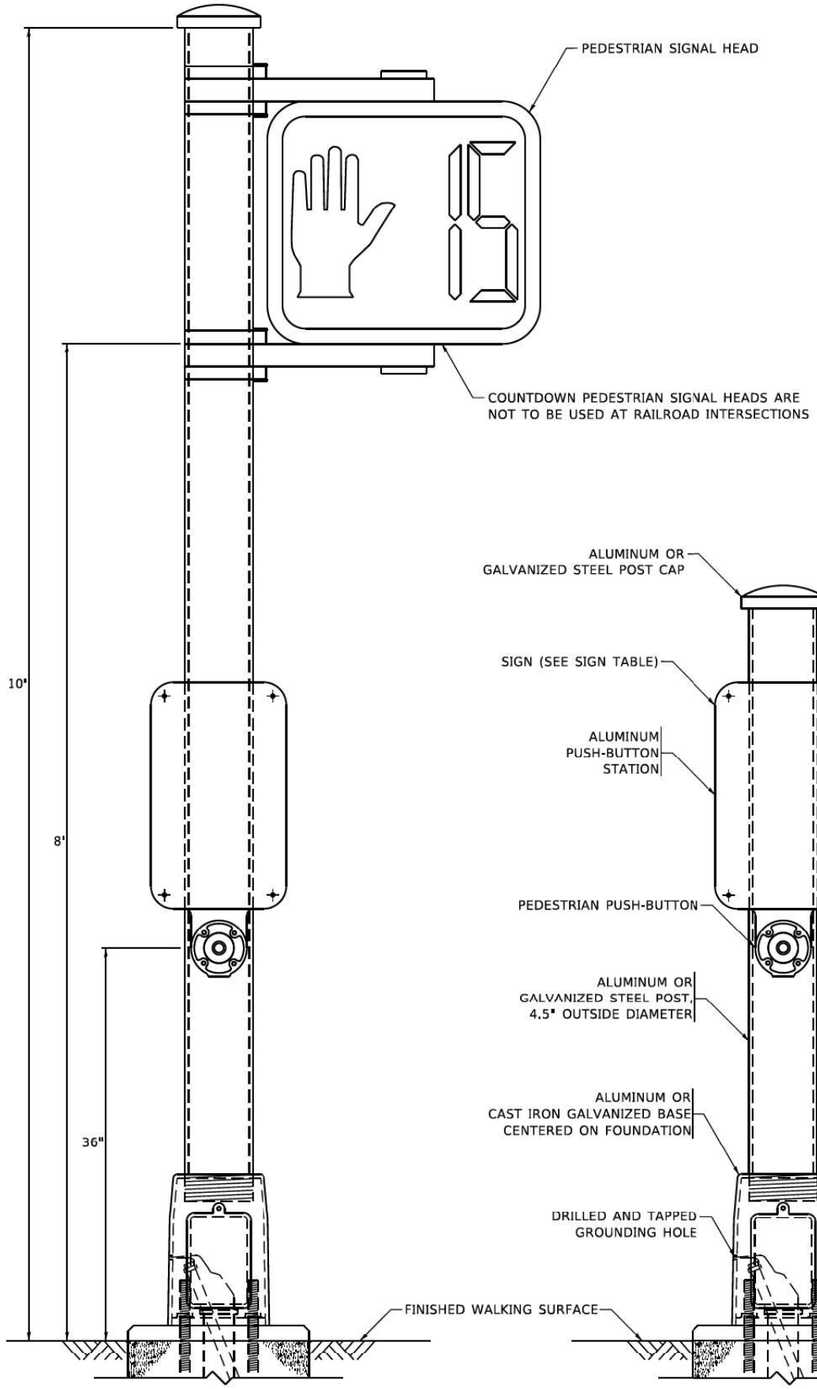
BOLT PATTERN

NOTE:

1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN OR BEHIND A BARRIER CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE BARRIER CURB.



CONCRETE FOUNDATION, TYPE A 12–INCH DIAMETER



PEDESTRIAN SIGNAL POST, 10 FT.

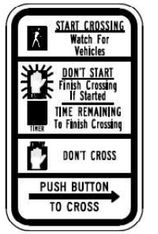
PEDESTRIAN SIGNAL POST, 5 FT.



R10–3b



R10–3d



R10–3e

SIGN TABLE

SIGN	DIMENSIONS
R10-3b (RAILROAD ONLY)	9" X 12"
R10-3d (RAILROAD ONLY)	9" X 12"
R10-3e	9" X 12"

NOTES:

1. THE SIGN PANELS SHALL BE TYPE AP SHEETING.
2. THE ARROW ON SIGNS FOR PUSH-BUTTONS SERVING TWO DIRECTIONS ON THE SAME PHASE SHALL BE BI-DIRECTIONAL.
3. THE SIGN FOR DUAL-CALL PUSH-BUTTONS SHALL HAVE NO ARROW.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 7 OF 7 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	163
	TS–05	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

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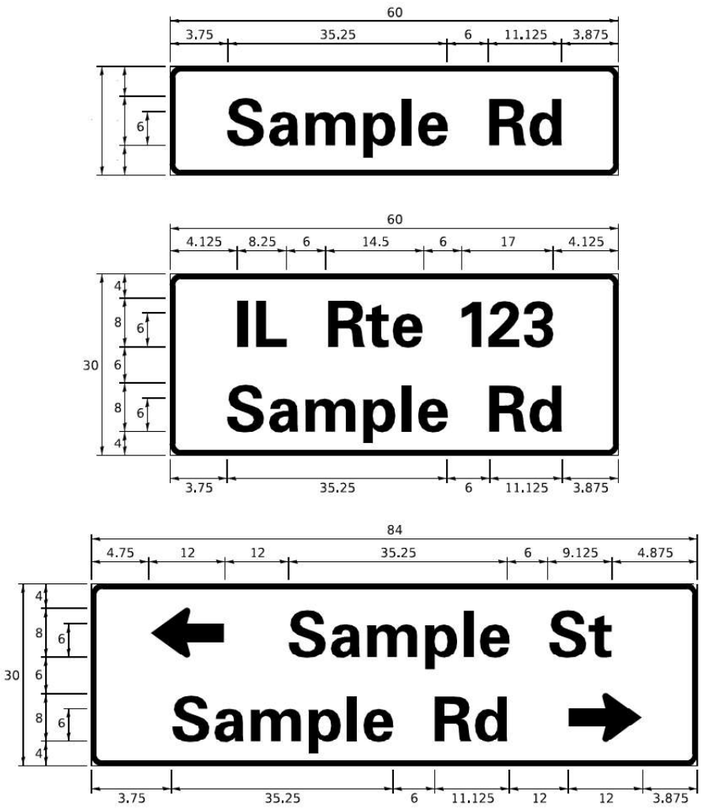
SIGN PANEL – TYPE 1 OR TYPE 2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D OR C	-	1 OR 2	ZZ	-

COMMON STREET NAME ABBREVIATIONS AND WIDTHS

NAME	ABBREVATION	WIDTH (INCH)	
		SERIES "C"	SERIES "D"
AVENUE	Ave	15.000	18.250
BOULEVARD	Blvd	17.125	20.000
CIRCLE	Cir	11.125	13.000
COURT	Ct	8.250	9.625
DRIVE	Dr	8.625	10.125
HIGHWAY	Hwy	18.375	22.000
ILLINOIS	IL	7.000	8.250
LANE	Ln	9.125	10.750
PARKWAY	Pkwy	23.375	27.375
PLACE	Pl	7.125	7.750
ROAD	Rd	9.625	11.125
ROUTE	Rte	12.625	14.500
STREET	St	8.000	9.125
TERRACE	Ter	12.625	14.625
TRAIL	Tr	7.750	9.125
UNITED STATES	US	10.375	12.250

GENERAL NOTES

1. WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 877001, 877002, 877006, 877011 AND 877012, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" x 8'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.
2. ALL SIGNS SHALL CONSIST OF A WHITE LEGEND AND BORDER (TYPE ZZ SHEETING) ON A GREEN BACKGROUND (TYPE ZZ SHEETING)
3. THE SIGN LENGTH SHALL BE IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHALL NOT EXCEED 8'-0". ALL BORDERS IF POSSIBLE, BUT MAY BE REDUCED TO 5" WHEN SPACING IS CRITICAL. A MINIMUM OF 2-1/2" SHALL BE INCLUDED BETWEEN THE WORD AND THE RIGHT AND LEFT EDGES OF THE SIGN.
4. A PREFERRED METHOD FOR THE SIGN DESIGN IS TO USE SERIES "D" LETTER ON A ONE-LINE SIGN 18" IN HEIGHT AND A MAXIMUM OF 8'-0" IN WIDTH. IF SERIES "D" DOES NOT FIT ON A 8"-0" SIGN, THEN SERIES "C" SHOULD BE TRIED. IF SERIES "C" DOES NOT FIT ON A 8'-0" SIGN, A 30" HIGH TWO-LINE SIGN CAN BE USED. THE CROSSROAD DESIGNATION AS TO STREET, AVENUE, ETC. SHOULD BE SPELLED OUT ON THE SECOND LINE, IF THE ABBREVIATION CANNOT FIT ON THE FIRST LINE.
5. LED ILLUMINATED STREET NAME SIGNS CAN BE USED IN PLACE OF REGULAR SIGN PANELS BUT ANY SPECIAL WORDING AND SYMBOLOGY MUST BE APPROVED BY THE DEPARTMENT. GENERAL DESIGN REQUIREMENT AS LISTED ABOVE (COLOR, FONT, SIZE, ETC.) MUST BE FOLLOWED.
6. SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS.

LOCAL SUPPLIERS:

- J.O. HERBERT COMPANY, INC
  MIDLOTHIAN, VA
- WESTERN REMAC, INC.
  WOODRIDGE, IL

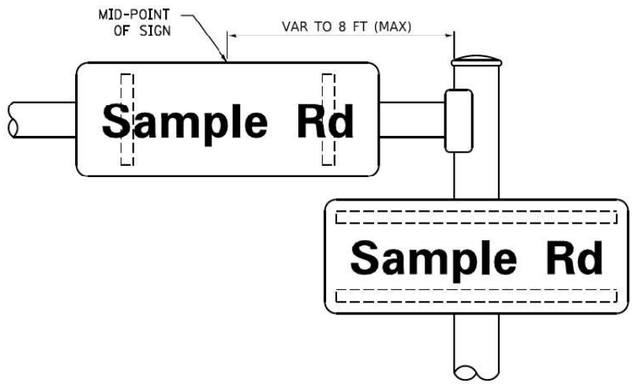
PARTS LISTING:

SIGN CHANNEL	PART #HPN053 (MED. CHANNEL)
SIGN SCREWS	1/4" x 14 x 1" H.W.H. #3 SELF TAPPING WITH NEOPRENE WASHER
BRACKETS	PART #HPN034 (UNIVERSAL) CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING

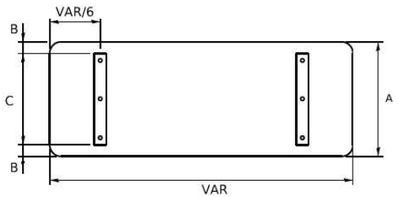
OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BRACKET OF THE ABOVE PRODUCT.

MOUNTING LOCATION

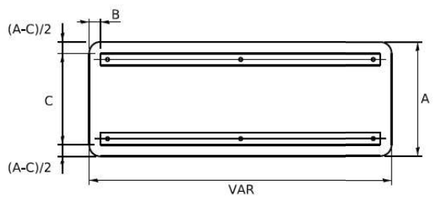
ARM OR POLE MOUNTED



SUPPORTING CHANNELS



A	B	C
18"	2"	14"
30"	2"	24"



A	B	C
18"	2"	12"
30"	2"	22"

STANDARD ALPHABETS SPACING CHART

(8") UPPER CASE AND (6") LOWER CASE

FHWA SERIES "C"				FHWA SERIES "D"			
CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)	CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)
A	0.240	5.122	0.240	A	0.240	6.804	0.240
B	0.880	4.482	0.480	B	0.960	5.446	0.400
C	0.720	4.482	0.720	C	0.800	5.446	0.800
D	0.880	4.482	0.720	D	0.960	5.446	0.800
E	0.880	4.082	0.480	E	0.960	4.962	0.400
F	0.880	4.082	0.240	F	0.960	4.962	0.240
G	0.720	4.482	0.720	G	0.800	5.446	0.800
H	0.880	4.482	0.880	H	0.960	5.446	0.960
I	0.880	1.120	0.880	I	0.960	1.280	0.960
J	0.240	4.082	0.880	J	0.240	5.122	0.960
K	0.880	4.482	0.480	K	0.960	5.604	0.400
L	0.880	4.082	0.240	L	0.960	4.962	0.240
M	0.880	5.284	0.880	M	0.960	6.244	0.960
N	0.880	4.482	0.880	N	0.960	5.446	0.960
O	0.720	4.722	0.720	O	0.800	5.684	0.800
P	0.880	4.482	0.720	P	0.960	5.446	0.240
Q	0.720	4.722	0.720	Q	0.800	5.684	0.800
R	0.880	4.482	0.480	R	0.960	5.446	0.400
S	0.480	4.482	0.480	S	0.400	5.446	0.400
T	0.240	4.082	0.240	T	0.240	4.962	0.240
U	0.880	4.482	0.880	U	0.960	5.446	0.960
V	0.240	4.962	0.240	V	0.240	6.084	0.240
W	0.240	6.084	0.240	W	0.240	7.124	0.240
X	0.240	4.722	0.240	X	0.400	5.446	0.400
Y	0.240	5.122	0.240	Y	0.240	6.884	0.240
Z	0.480	4.482	0.480	Z	0.400	5.446	0.400
a	0.320	3.842	0.640	a	0.400	4.562	0.720
b	0.720	4.082	0.480	b	0.800	4.802	0.480
c	0.480	4.002	0.240	c	0.480	4.722	0.240
d	0.480	4.082	0.720	d	0.480	4.802	0.800
e	0.480	4.082	0.320	e	0.480	4.722	0.320
f	0.320	2.480	0.160	f	0.320	2.882	0.160
g	0.480	4.082	0.720	g	0.480	4.802	0.800
h	0.720	4.082	0.640	h	0.800	4.722	0.720
i	0.720	1.120	0.720	i	0.800	1.280	0.800
j	0.000	2.320	0.720	j	0.000	2.642	0.800
k	0.720	4.322	0.160	k	0.800	5.122	0.160
l	0.720	1.120	0.720	l	0.800	1.280	0.800
m	0.720	6.724	0.640	m	0.800	7.926	0.720
n	0.720	4.082	0.640	n	0.800	4.722	0.720
o	0.480	4.082	0.480	o	0.480	4.882	0.480
p	0.720	4.082	0.480	p	0.800	4.802	0.480
q	0.480	4.082	0.720	q	0.480	4.802	0.800
r	0.720	2.642	0.160	r	0.800	3.042	0.160
s	0.320	3.362	0.240	s	0.320	3.762	0.240
t	0.080	2.882	0.080	t	0.080	3.202	0.080
u	0.640	4.082	0.720	u	0.720	4.722	0.800
v	0.160	4.722	0.160	v	0.160	5.684	0.160
w	0.160	7.524	0.160	w	0.160	9.046	0.160
x	0.000	5.202	0.000	x	0.000	6.244	0.000
y	0.160	4.962	0.160	y	0.160	6.004	0.160
z	0.240	3.362	0.240	z	0.240	4.002	0.240
1	0.720	1.680	0.880	1	0.800	2.000	0.960
2	0.480	4.482	0.480	2	0.800	5.446	0.800
3	0.480	4.482	0.480	3	1.440	5.446	0.800
4	0.240	4.962	0.720	4	0.160	6.004	0.960
5	0.480	4.482	0.480	5	0.800	5.446	0.800
6	0.720	4.482	0.720	6	0.800	5.446	0.800
7	0.240	4.482	0.720	7	0.560	5.446	0.560
8	0.480	4.482	0.480	8	0.800	5.446	0.800
9	0.480	4.482	0.480	9	0.800	5.446	0.800
0	0.720	4.722	0.720	0	0.800	5.684	0.800
-	0.240	2.802	0.240	-	0.240	2.802	0.240

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	DRAWN - LP	REVISED -		
PLOT SCALE = 50.0000 ' / In.	CHECKED - IP	REVISED -		
PLOT DATE = 3/4/2019	DATE - 10/01/2014	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	165
	TS-02	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

ts02.dgn 3/4/2019 11:09:17 AM User=footemj

REMOVAL AND RELOCATION NOTES:

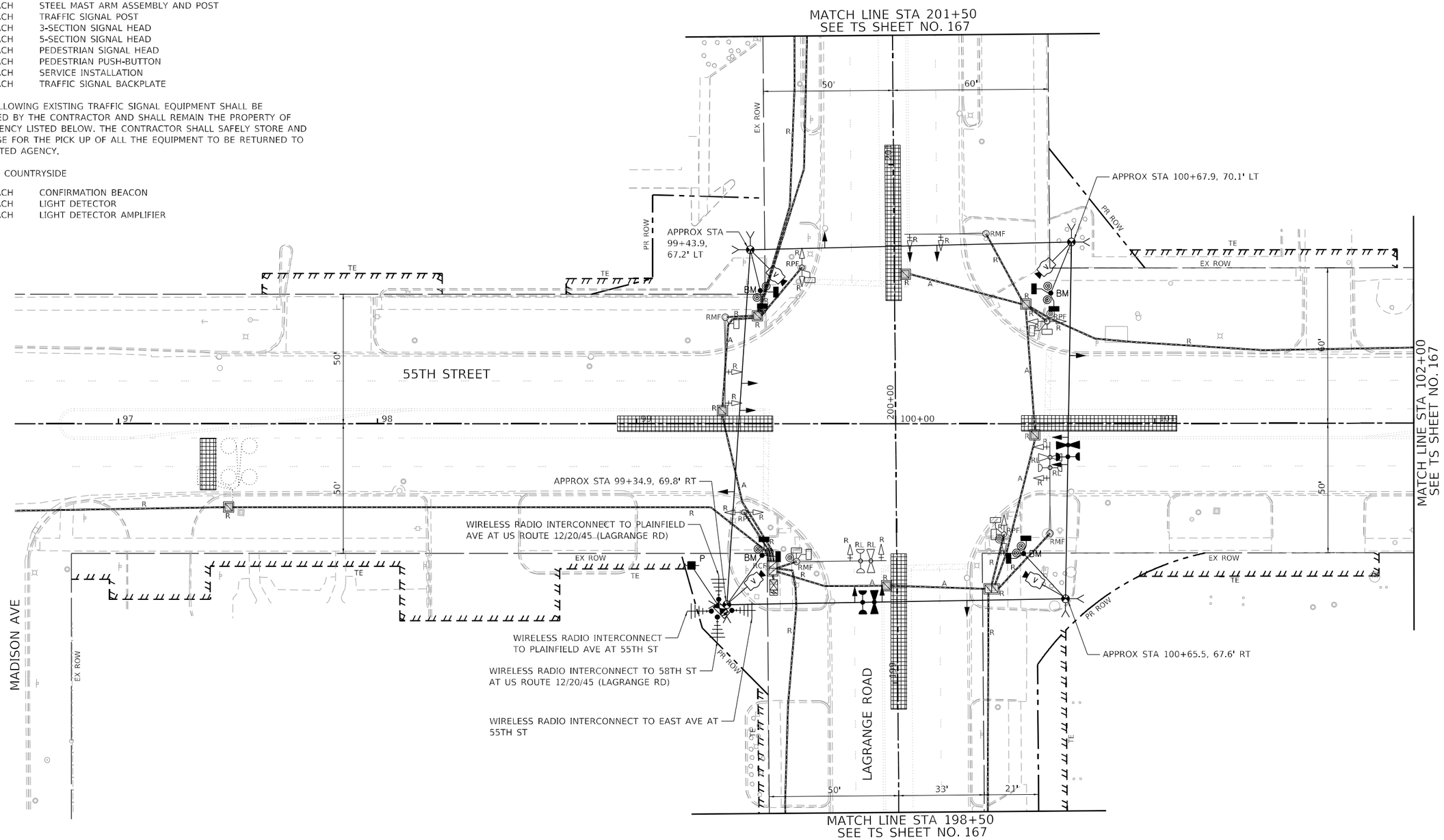
THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

1	EACH	MASTER CABINET EQUIPMENT
1	EACH	CONTROLLER AND CABINET
4	EACH	STEEL MAST ARM ASSEMBLY AND POST
4	EACH	TRAFFIC SIGNAL POST
8	EACH	3-SECTION SIGNAL HEAD
8	EACH	5-SECTION SIGNAL HEAD
8	EACH	PEDESTRIAN SIGNAL HEAD
8	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	SERVICE INSTALLATION
8	EACH	TRAFFIC SIGNAL BACKPLATE

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR THE PICK UP OF ALL THE EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY.

CITY OF COUNTRYSIDE

2	EACH	CONFIRMATION BEACON
2	EACH	LIGHT DETECTOR
1	EACH	LIGHT DETECTOR AMPLIFIER



TEMPORARY TRAFFIC SIGNAL PLAN FOR EXISTING ROADWAY GEOMETRICS

20 0 20 40
SCALE IN FEET

TS 1035
EAGLE 2B

MODEL: Default
FILE NAME: 12166-tht-ts-temp-plan-01.dgn

Himalayan Consultants, LLC

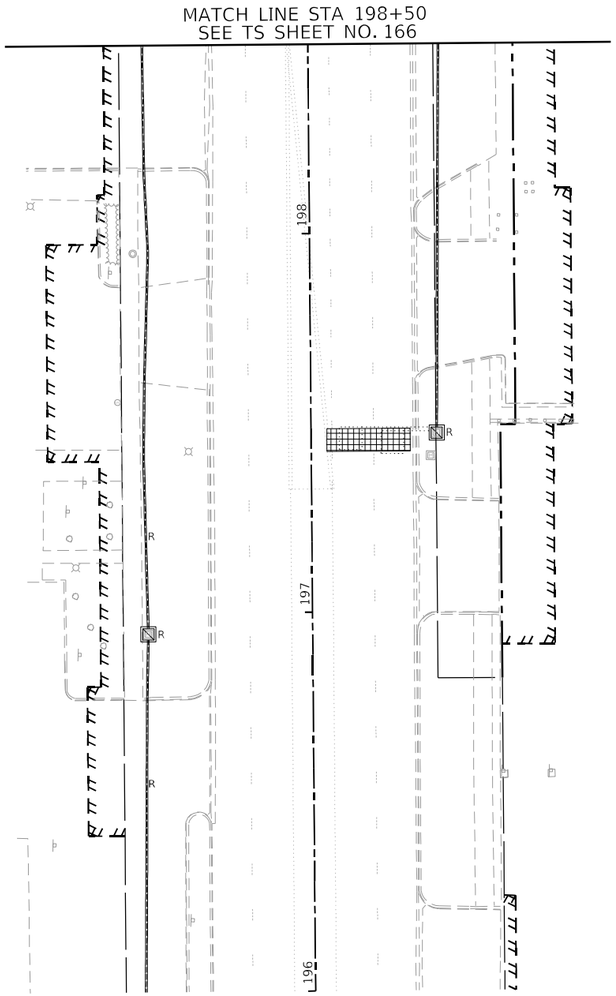
USER NAME = rjlang	DESIGNED - SSA	REVISED -	
	DRAWN - SSA	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - RGJ	REVISED -	
PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -	

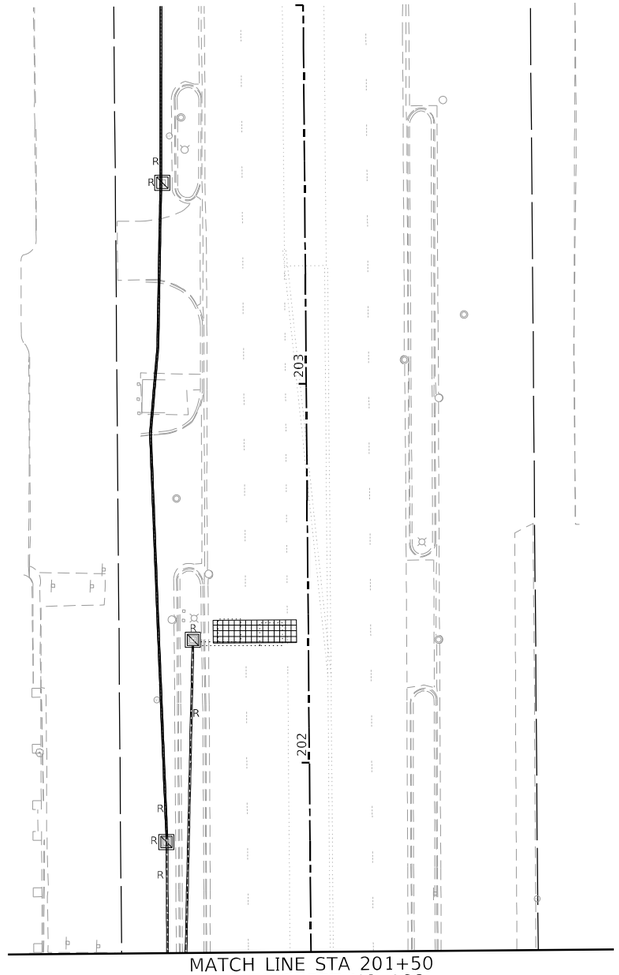
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

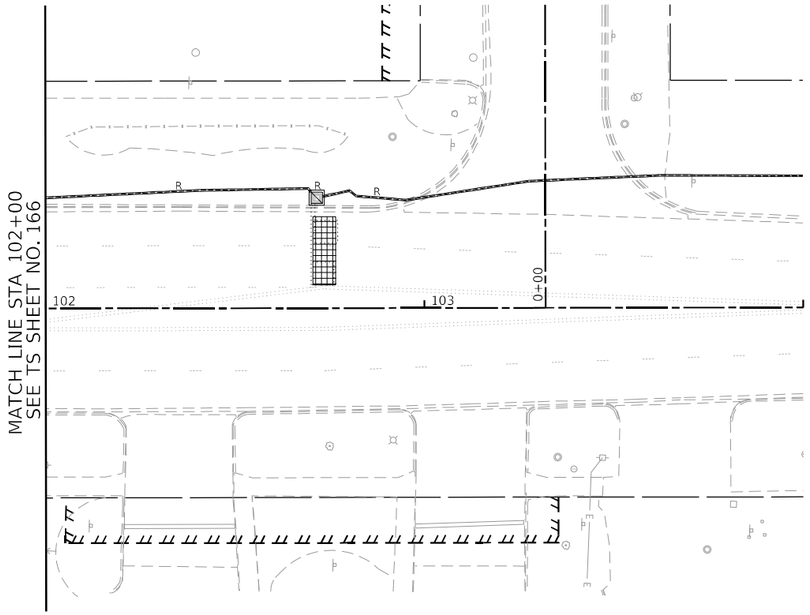
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN & REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN
55TH STREET AND US ROUTE 12/20/45 (LAGRANGE ROAD)

SCALE: 1" = 20' | SHEET 1 OF 4 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	166
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	







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SCALE IN FEET

TS 1035
EAGLE 2B

MODEL: Default
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Himalayan Consultants, LLC

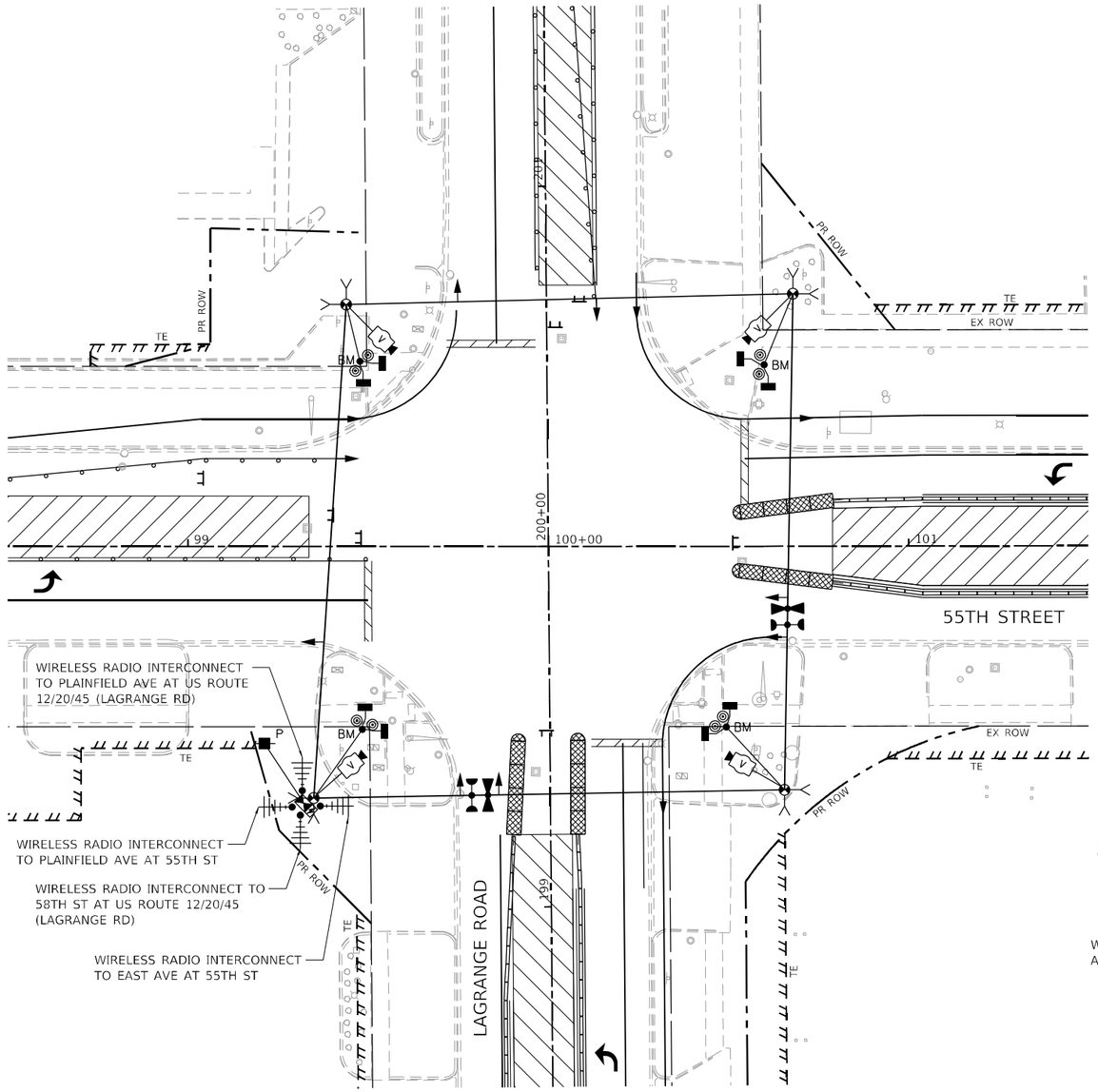
USER NAME = rjiang	DESIGNED - SSA	REVISED -
	DRAWN - SSA	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - RGJ	REVISED -
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

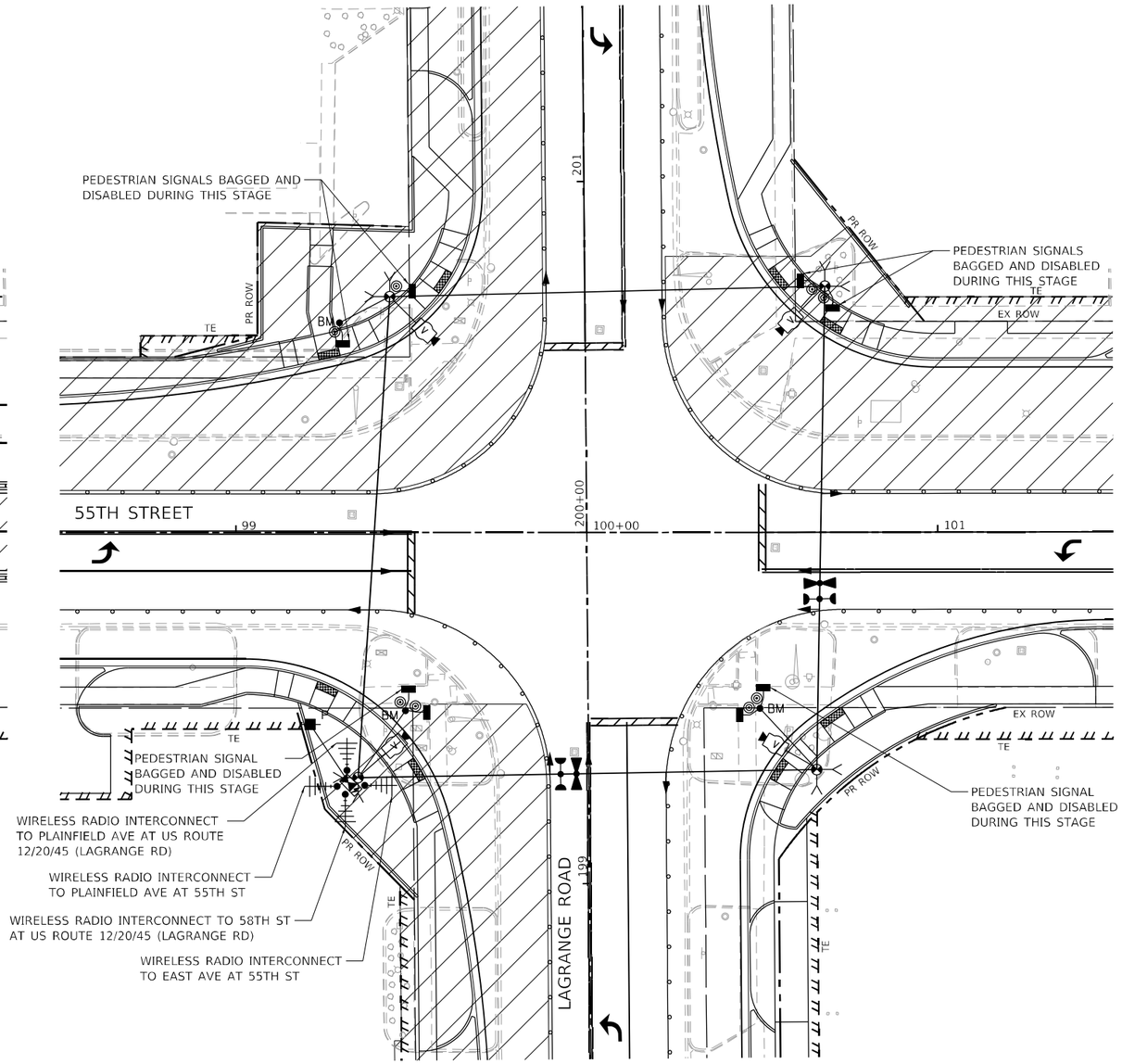
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN & REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN
55TH STREET AND US ROUTE 12/20/45 (LAGRANGE ROAD)

SCALE: 1" = 20' | SHEET 2 OF 4 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	167
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		



TEMPORARY TRAFFIC SIGNAL PLAN – STAGE 1



TEMPORARY TRAFFIC SIGNAL PLAN – STAGE 2A

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SCALE IN FEET

TS 1035
EAGLE 2B

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Himalayan Consultants, LLC

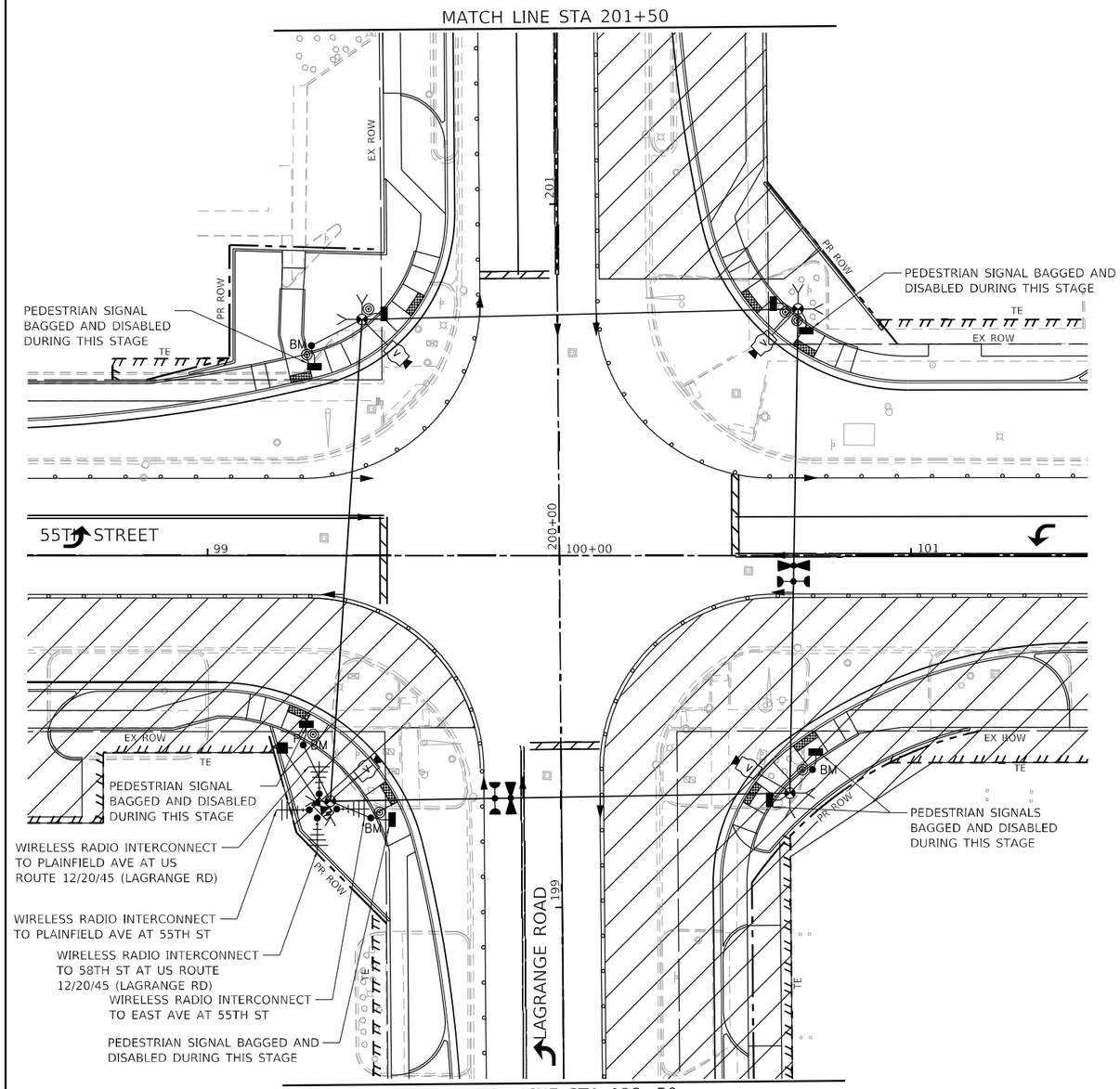
USER NAME = rjiang	DESIGNED - SSA	REVISED -
	DRAWN - SSA	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - RGJ	REVISED -
PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

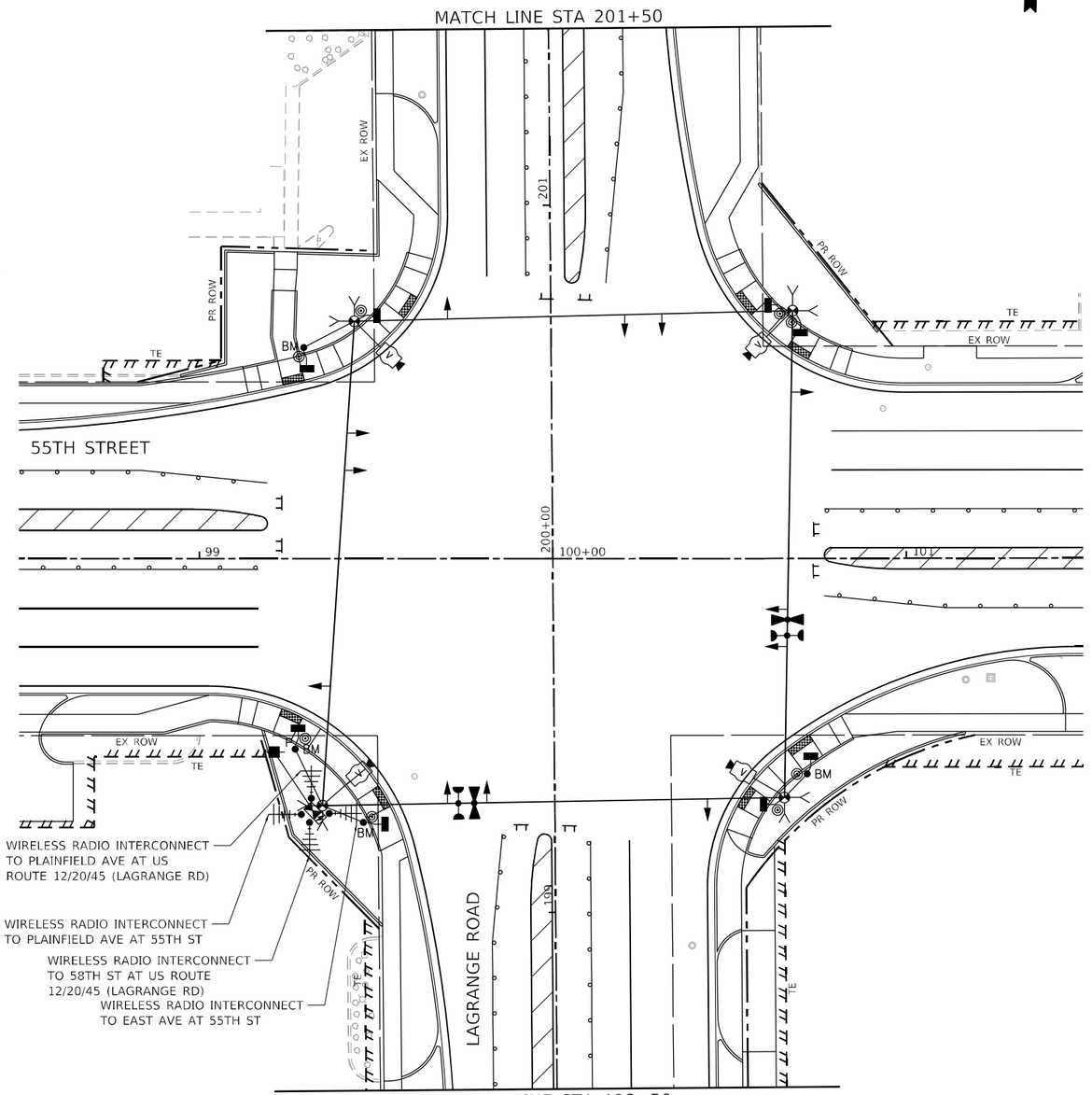
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN
STAGE 1 AND STAGE 2A
55TH STREET AND US ROUTE 12/20/45 (LAGRANGE ROAD)

SCALE: 1" = 20' | SHEET 3 OF 4 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	168
		CONTRACT NO. 60R50		
	ILLINOIS FED. AID PROJECT			



TEMPORARY TRAFFIC SIGNAL PLAN – STAGE 2B



TEMPORARY TRAFFIC SIGNAL PLAN – STAGE 3

N

20 0 20 40
SCALE IN FEET

TS 1035
EAGLE 2B

MODEL: Default
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Himalayan Consultants, LLC

USER NAME = rjiang	DESIGNED - SSA	REVISED -	
	DRAWN - SSA	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - RGJ	REVISED -	
PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -	

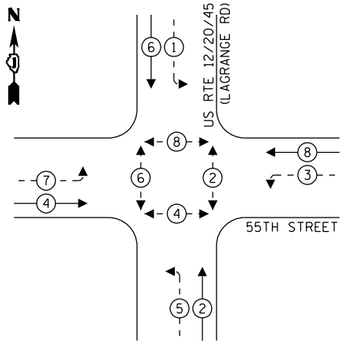
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN
STAGE 2B AND STAGE 3
55TH STREET AND US ROUTE 12/20/45 (LAGRANGE ROAD)

SCALE: 1" = 20' | SHEET 4 OF 4 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	169
		CONTRACT NO. 60R50		
	ILLINOIS FED. AID PROJECT			

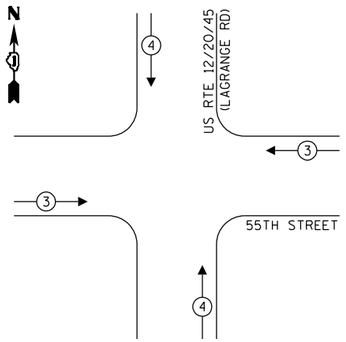
TEMPORARY CONTROLLER SEQUENCE

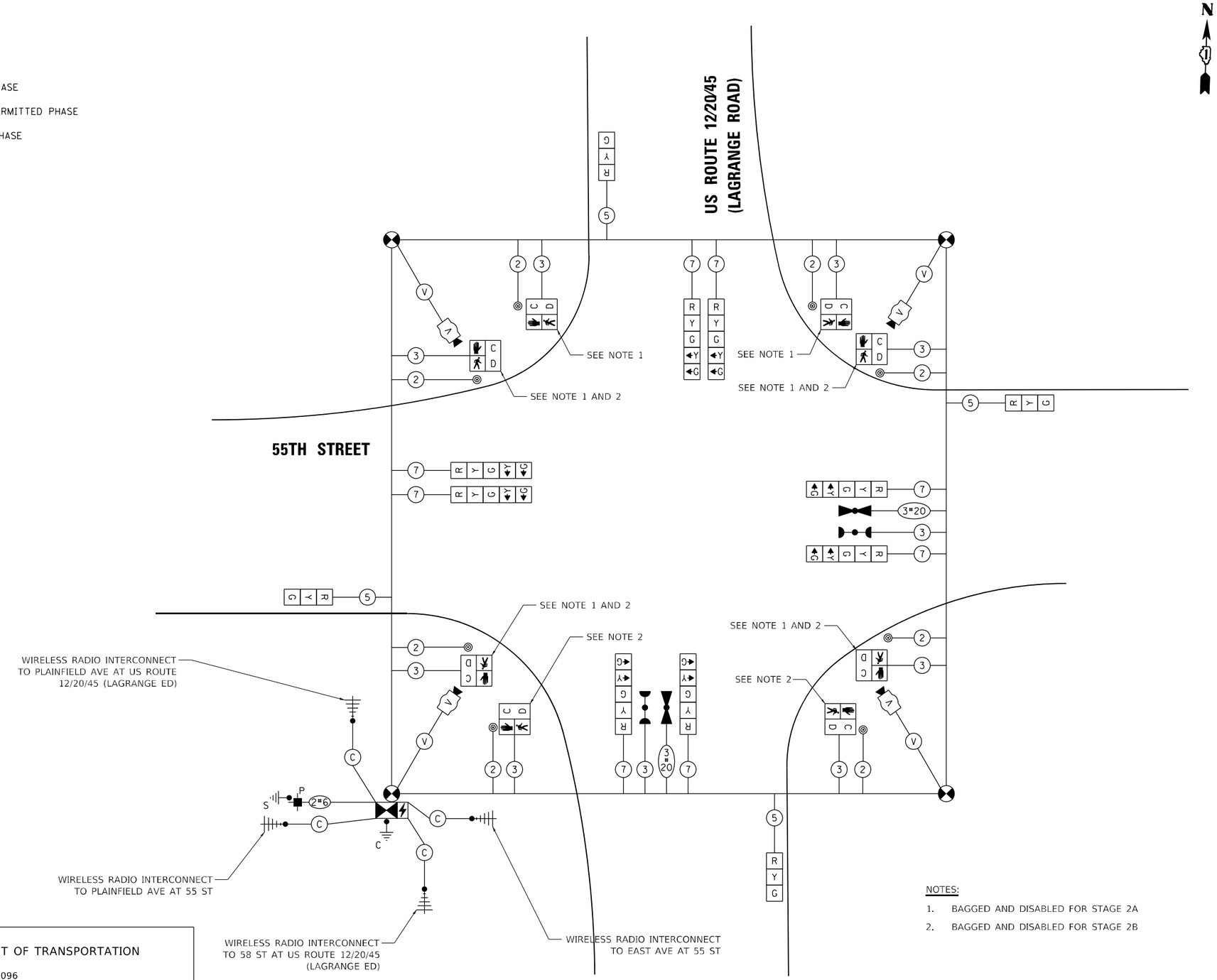


LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE





NOTES:

1. BAGGED AND DISABLED FOR STAGE 2A
2. BAGGED AND DISABLED FOR STAGE 2B

TEMPORARY CABLE PLAN

(NOT TO SCALE)

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	4	11	44
4-SECTION	-	14	-
5-SECTION	8	13	104
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	8	15	120
CONTROLLER	1	150	150
MASTER CONTROLLER	1	100	100
UPS	1	25	25
DETECTION VIDEO	1	20	20
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			563
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			1,168

ENERGY COSTS TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION
201 W CENTER COURT
SCHAUMBURG, IL 60196-1096

ENERGY SUPPLY: CONTACT: NICK TULEJA
PHONE: (440) 796-8979
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: 55034-14000
METER NUMBER: ---

TS 1035 EAGLE 2B

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Himalayan Consultants, LLC

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PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
55TH STREET AND US ROUTE 12/20/45 (LAGRANGE ROAD)

SCALE: | SHEET 1 OF 1 SHEETS | STA. TO STA.

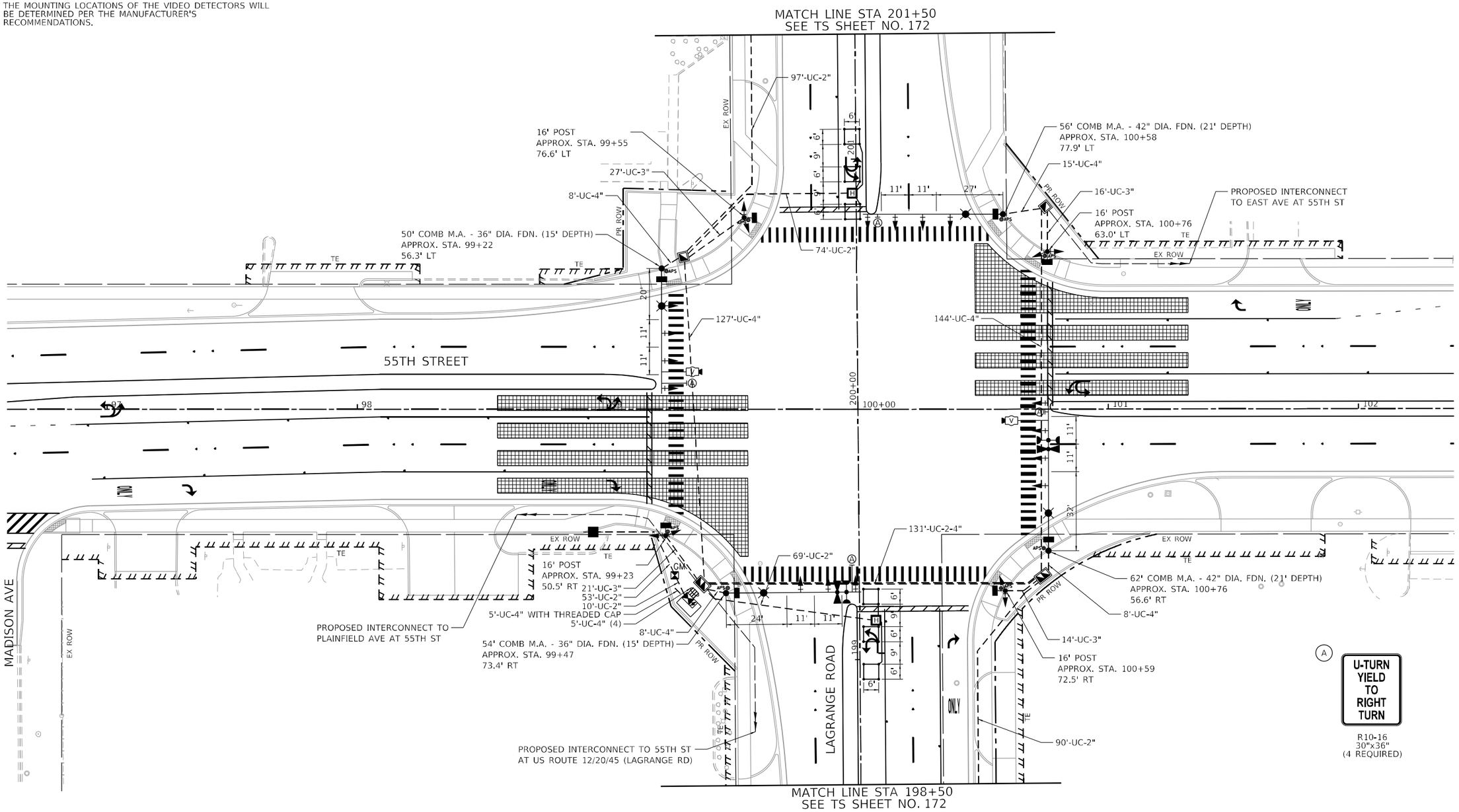
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	170

CONTRACT NO. 60R50

ILLINOIS FED. AID PROJECT

NOTES:

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
2. THE MOUNTING LOCATIONS OF THE VIDEO DETECTORS WILL BE DETERMINED PER THE MANUFACTURER'S RECOMMENDATIONS.



TS 1035
EAGLE 2B

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PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -	

Himalayan Consultants, LLC

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

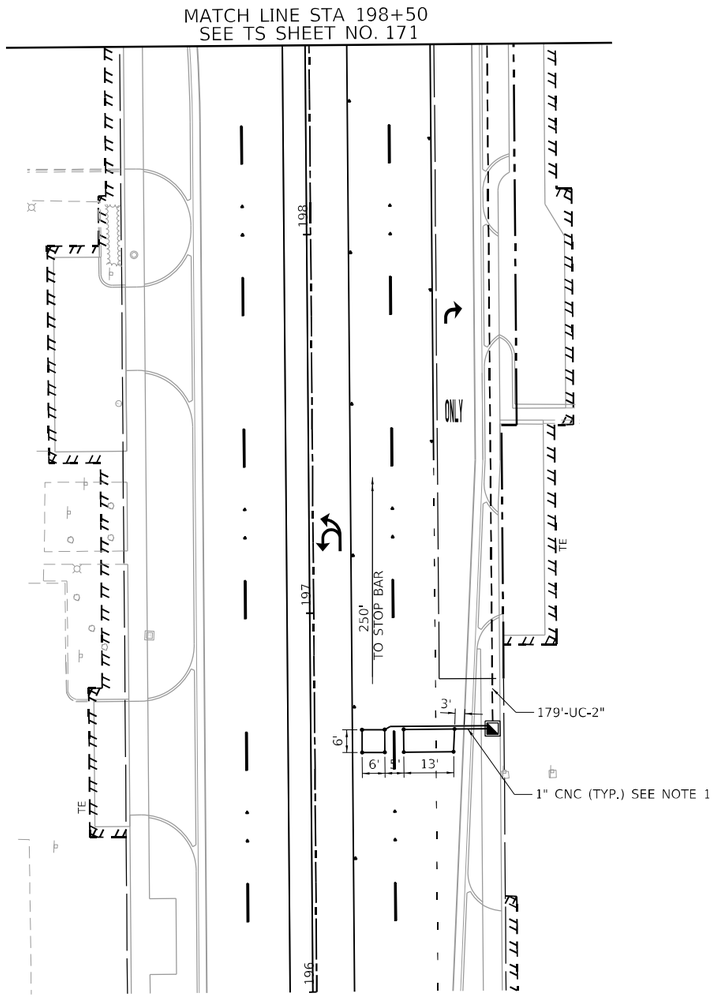
TRAFFIC SIGNAL MODERNIZATION PLAN (SHEET 1 OF 2)
55TH STREET AND US ROUTE 12/20/45 (LAGRANGE ROAD)

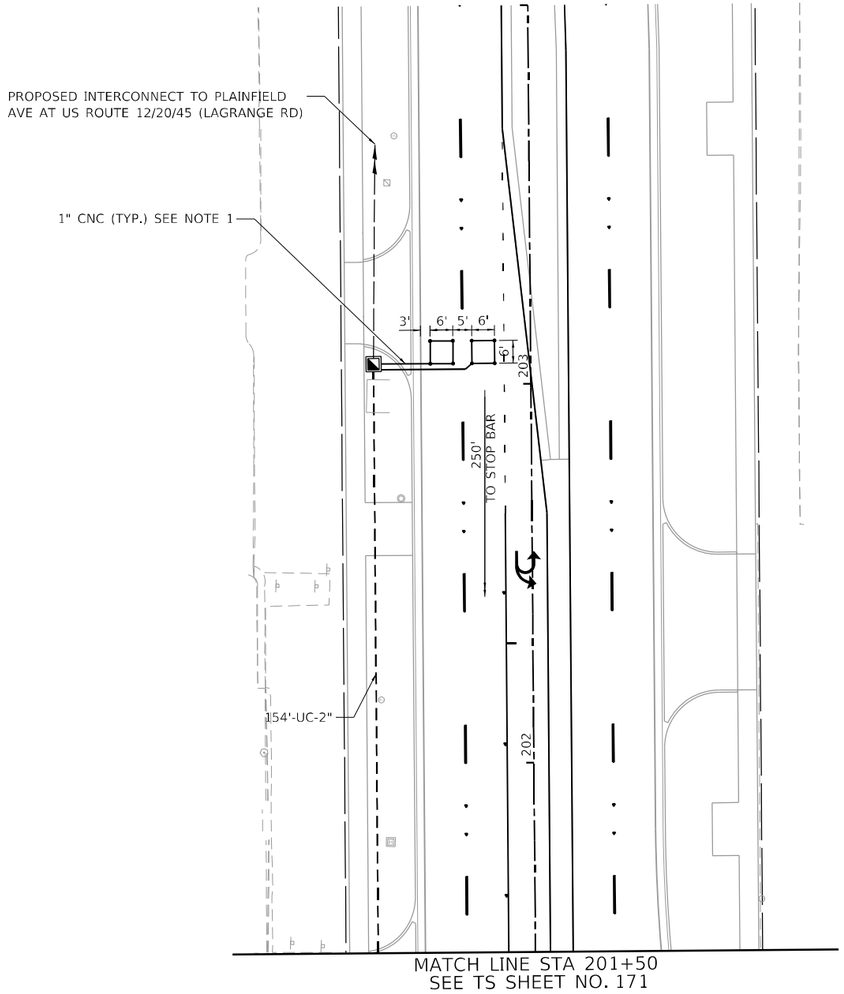
SCALE: 1" = 20' | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	171
		CONTRACT NO. 60R50		
	ILLINOIS FED. AID PROJECT			

NOTES:

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF THE PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.





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SCALE IN FEET

TS 1035
EAGLE 2B

MODEL: Default
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	PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -

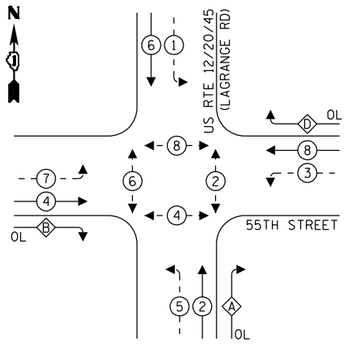
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN (SHEET 2 OF 2)
55TH STREET AND US ROUTE 12/20/45 (LAGRANGE ROAD)

SCALE: 1" = 20' | SHEET 2 OF 2 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	172
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

PROPOSED CONTROLLER SEQUENCE



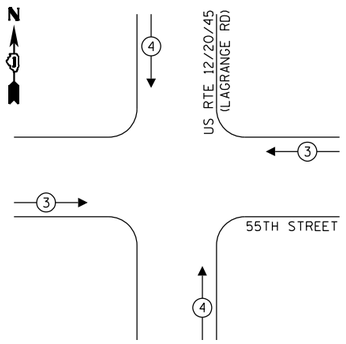
LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OVERLAP

RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
A	=	2	+	3
B	=	4	+	5
D	=	8	+	1

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE

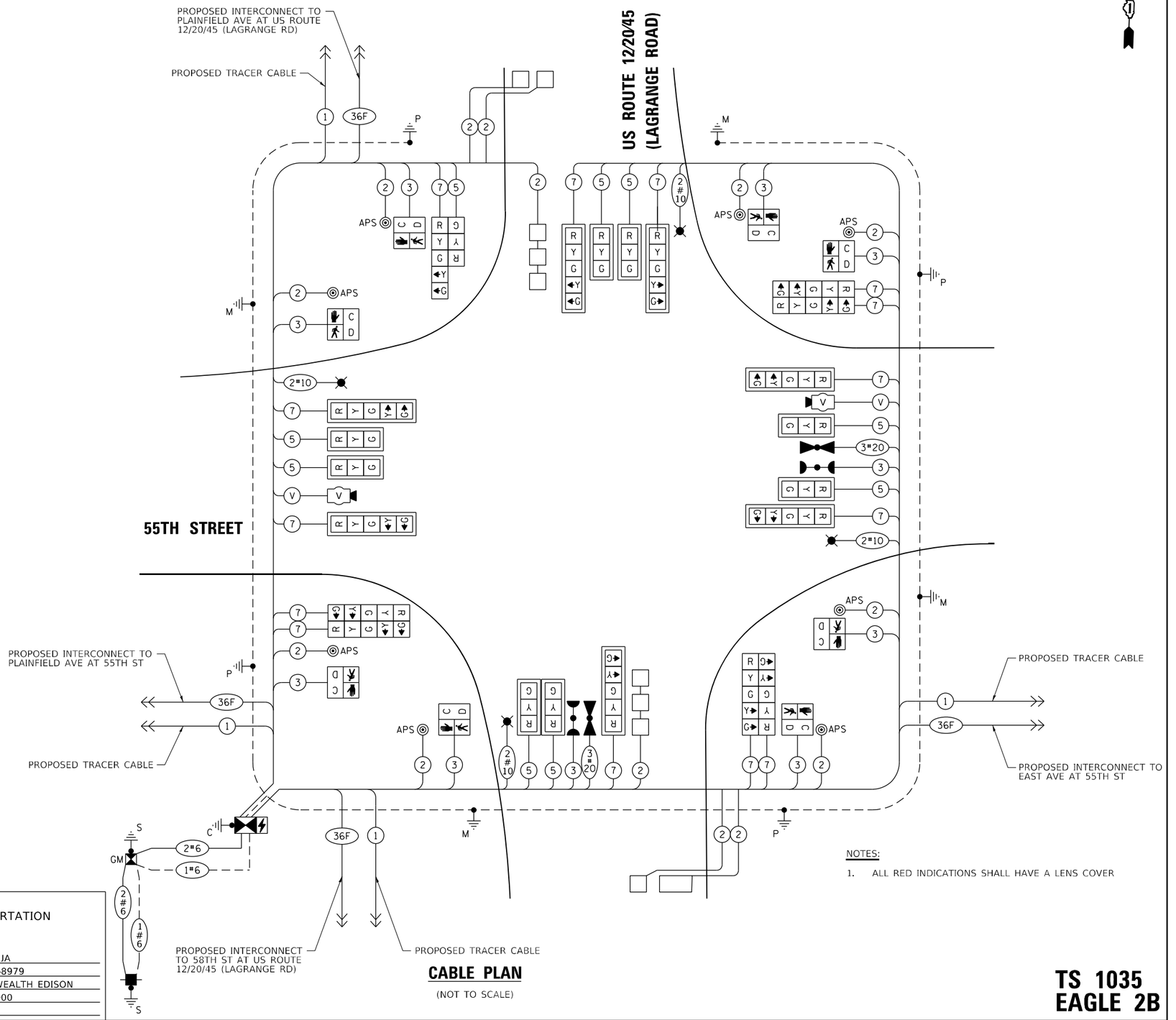


TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	9	11	99
4-SECTION	-	14	-
5-SECTION	14	13	182
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	8	15	120
CONTROLLER	1	150	150
MASTER CONTROLLER	1	100	100
UPS	1	25	25
DETECTION VIDEO	1	20	20
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	1	15	15
TOTAL UPS SIZING			611
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	4	240	960
TOTAL SERVICE WIRE SIZING			2,276

ENERGY COSTS TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION
201 W CENTER COURT
SCHAUMBURG, IL 60196-1096

ENERGY SUPPLY: CONTACT: NICK TULEJA
PHONE: (440) 796-8979
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: 55034-14000
METER NUMBER: ---



NOTES:

1. ALL RED INDICATIONS SHALL HAVE A LENS COVER

CABLE PLAN

(NOT TO SCALE)

TS 1035 EAGLE 2B

MODEL: Default
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Himalayan Consultants, LLC

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PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
55TH STREET AND US ROUTE 12/20/45 (LAGRANGE ROAD)

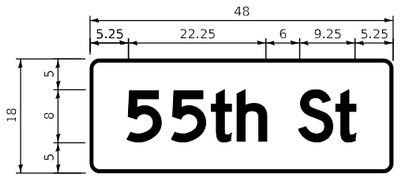
SCALE: | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	173

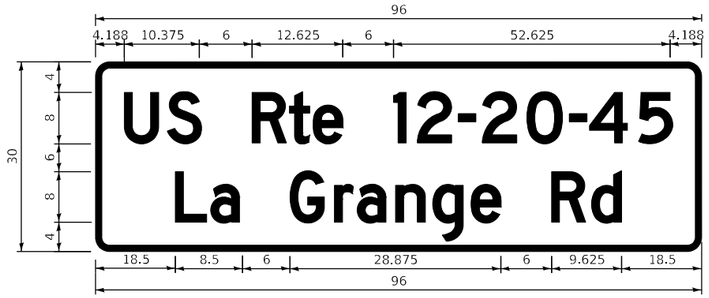
CONTRACT NO. 60R50

ILLINOIS | FED. AID PROJECT

SIGN PANELS - TYPE 1 OR TYPE 2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	6	1	ZZ	2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
C	20	2	ZZ	2

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS DETAIL.

SCHEDULE OF QUANTITIES

	ITEM NAME	UNITS	QUANTITY
	SIGN PANEL - TYPE 1	SQ FT	42
	SIGN PANEL - TYPE 2	SQ FT	40
	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	787
	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	95
	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	607
	HANDHOLE	EACH	4
	HEAVY-DUTY HANDHOLE	EACH	2
	DOUBLE HANDHOLE	EACH	2
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,574
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,984
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2,141
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	3,335
	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2,180
	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	98
	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6, 1C	FOOT	724
	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4
	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT.	EACH	1
	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT.	EACH	1
	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 56 FT.	EACH	1
	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 62 FT.	EACH	1
	CONCRETE FOUNDATION, TYPE A	FOOT	20
	CONCRETE FOUNDATION, TYPE C	FOOT	4
	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	30
	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	42
	SIGNAL HEAD, LED, 1-FACE, 3 SECTION, MAST-ARM MOUNTED	EACH	8
	SIGNAL HEAD, LED, 1-FACE, 3 SECTION, BRACKET MOUNTED	EACH	1
	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	7
	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	7
	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	15
	INDUCTIVE LOOP DETECTOR	EACH	6
	DETECTOR LOOP, TYPE I	FOOT	353
*	LIGHT DETECTOR	EACH	2
*	LIGHT DETECTOR AMPLIFIER	EACH	1
	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
	REMOVE EXISTING HANDHOLE	EACH	12
	REMOVE EXISTING DOUBLE HANDHOLE	EACH	2
	REMOVE EXISTING CONCRETE FOUNDATION	EACH	9
*	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	334
	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
	FULL-ACTUATED CONTROLLER AND TYPE SUPER R CABINET (SPECIAL)	EACH	1
	UNINTERRUPTABLE POWER SUPPLY (SPECIAL)	EACH	1
	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
	LED SIGNAL FACE, LENS COVER	EACH	23
	VIDEO VEHICLE DETECTION SYSTEM, SINGLE APPROACH	EACH	2
	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

* 100% COST TO THE CITY OF COUNTRYSIDE

TS 1035
EAGLE 2B

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Himalayan Consultants, LLC

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	DRAWN - SSA	REVISED -	
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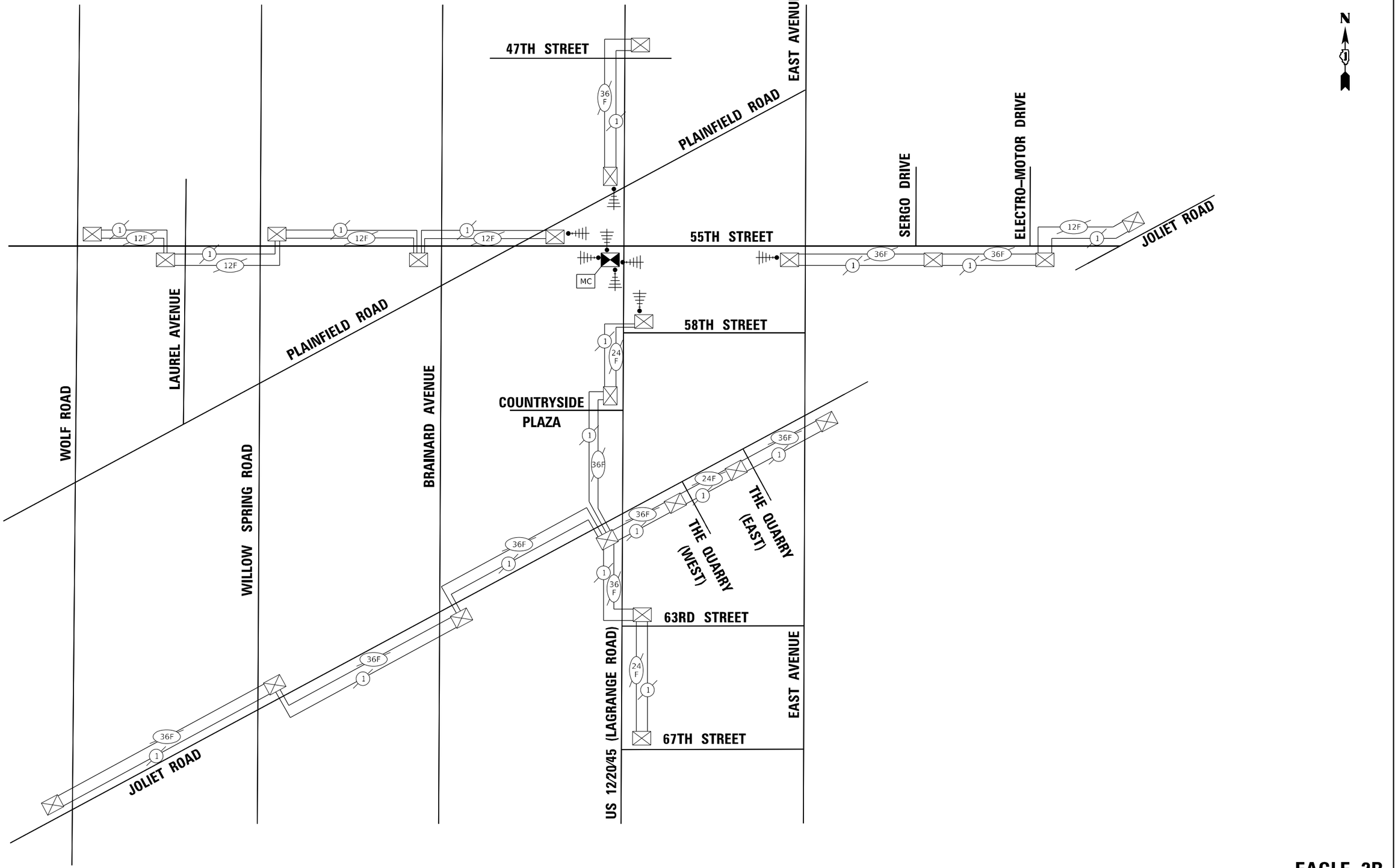
PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAST ARM MOUNTED STREET NAME SIGNS AND SCHEDULE OF QUANTITIES
55TH STREET AND US ROUTE 12/20/45 (LAGRANGE ROAD)

SCALE: | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	174
		CONTRACT NO. 60R50		
	ILLINOIS FED. AID PROJECT			



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Himalayan Consultants, LLC

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	DRAWN - SSA	REVISED -
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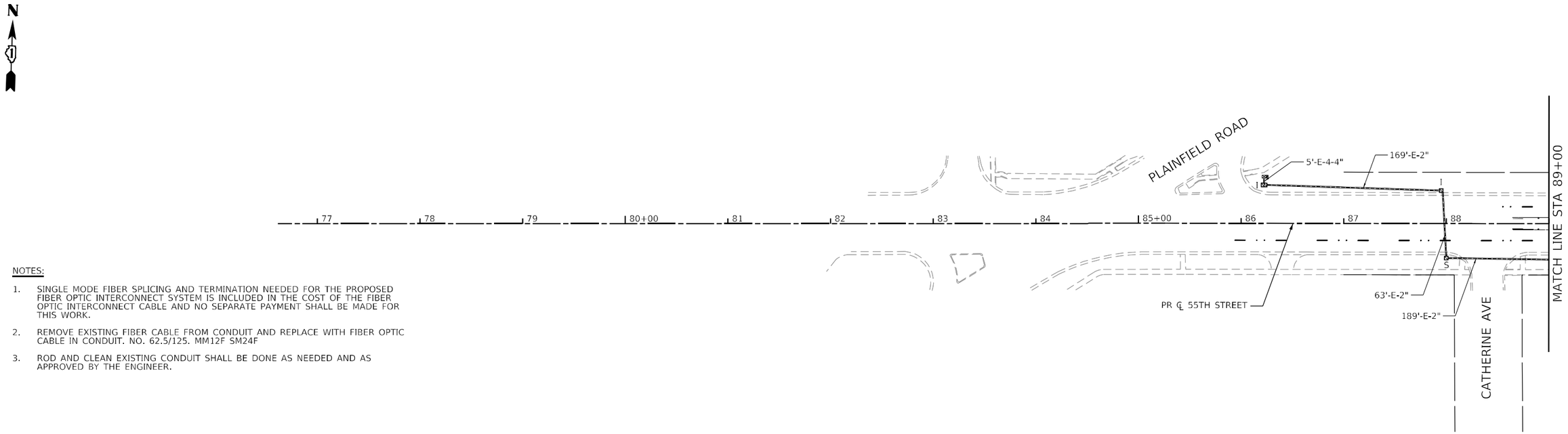
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY INTERCONNECT SCHEMATIC
55TH STREET AND US ROUTE 12/20/45 (LAGRANGE ROAD)

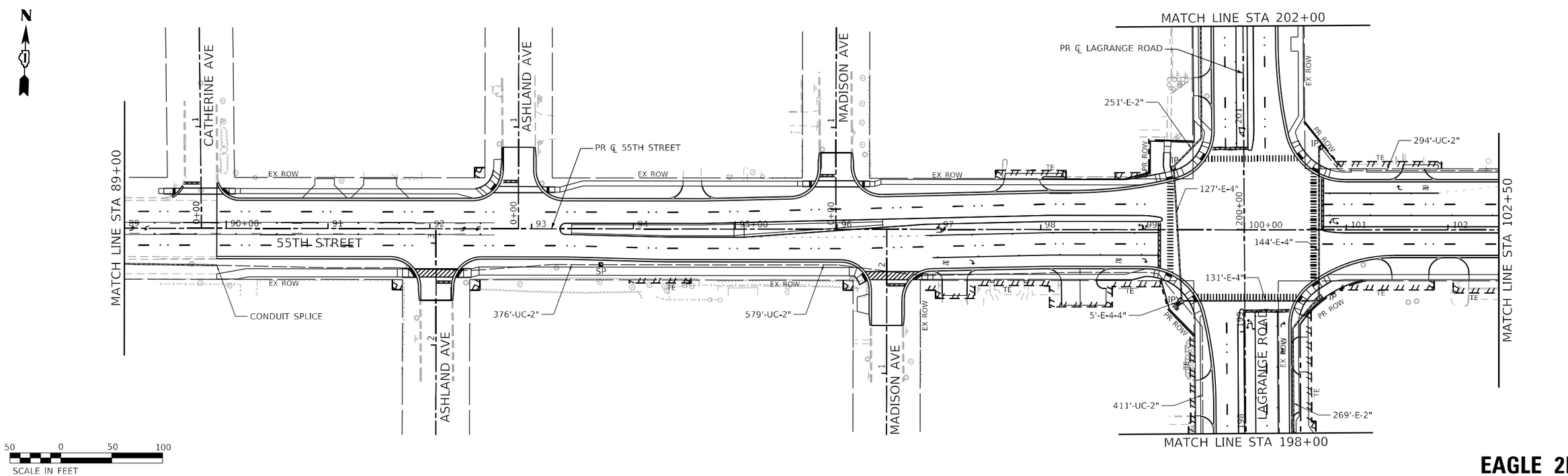
SCALE: | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	175
		CONTRACT NO. 60R50		
	ILLINOIS FED. AID PROJECT			



NOTES:

1. SINGLE MODE FIBER SPLICING AND TERMINATION NEEDED FOR THE PROPOSED FIBER OPTIC INTERCONNECT SYSTEM IS INCLUDED IN THE COST OF THE FIBER OPTIC INTERCONNECT CABLE AND NO SEPARATE PAYMENT SHALL BE MADE FOR THIS WORK.
2. REMOVE EXISTING FIBER CABLE FROM CONDUIT AND REPLACE WITH FIBER OPTIC CABLE IN CONDUIT. NO. 62.5/125. MM12F SM24F
3. ROD AND CLEAN EXISTING CONDUIT SHALL BE DONE AS NEEDED AND AS APPROVED BY THE ENGINEER.



EAGLE 2B

Himalayan Consultants, LLC	USER NAME = rjiang	DESIGNED - SSA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED INTERCONNECT PLAN 55TH STREET AND US ROUTE 12/20/45 (LAGRANGE ROAD)	F.A.U. RTE. 1504	SECTION 0104WRS&N-11	COUNTY COOK	TOTAL SHEETS 277 / SHEET NO. 176
		DRAWN - SSA	REVISED -					CONTRACT NO. 60R50	
	PLOT SCALE = 100.0000 ' / in.	CHECKED - RGJ	REVISED -						
	PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -		SCALE: 1" = 50' SHEET 1 OF 3 SHEETS STA. 89+90.76 TO STA. 102+50.00		ILLINOIS	FED. AID PROJECT	

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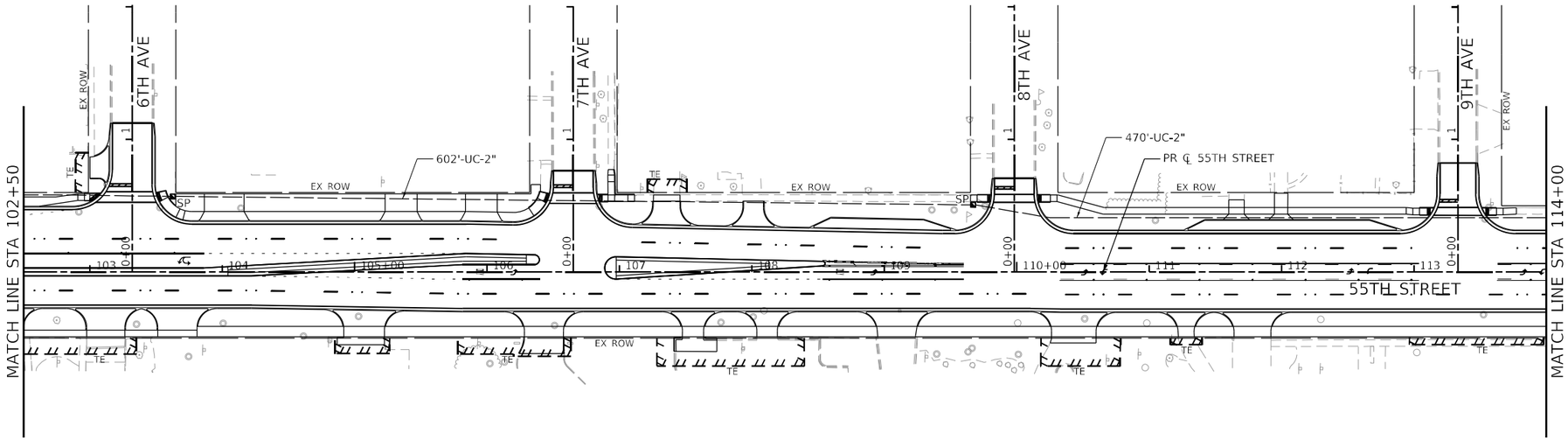
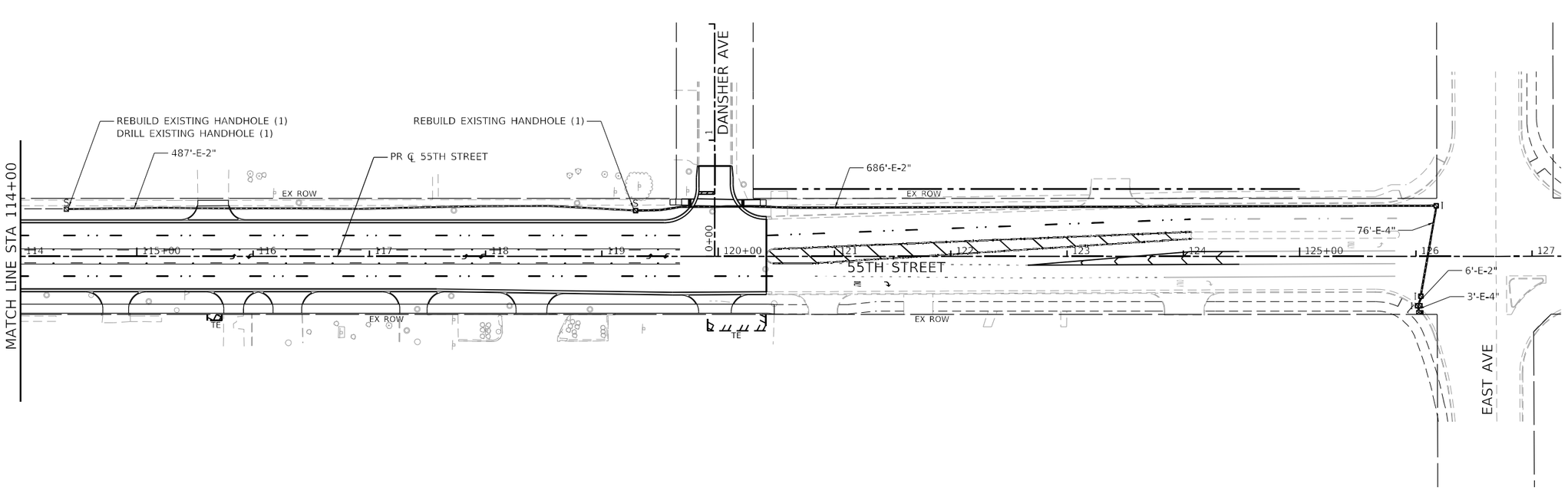


NOTES:

1. SINGLE MODE FIBER SPLICING AND TERMINATION NEEDED FOR THE PROPOSED FIBER OPTIC INTERCONNECT SYSTEM IS INCLUDED IN THE COST OF THE FIBER OPTIC INTERCONNECT CABLE AND NO SEPARATE PAYMENT SHALL BE MADE FOR THIS WORK.
2. REMOVE EXISTING FIBER CABLE FROM CONDUIT AND REPLACE WITH FIBER OPTIC CABLE IN CONDUIT. NO. 62.5/125. MM12F SM24F
3. ROD AND CLEAN EXISTING CONDUIT SHALL BE DONE AS NEEDED AND AS APPROVED BY THE ENGINEER.

50 0 50 100
SCALE IN FEET



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SCALE IN FEET

EAGLE 2B

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Himalayan Consultants, LLC	USER NAME = rjiang	DESIGNED - SSA	REVISED -
		DRAWN - SSA	REVISED -
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	PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

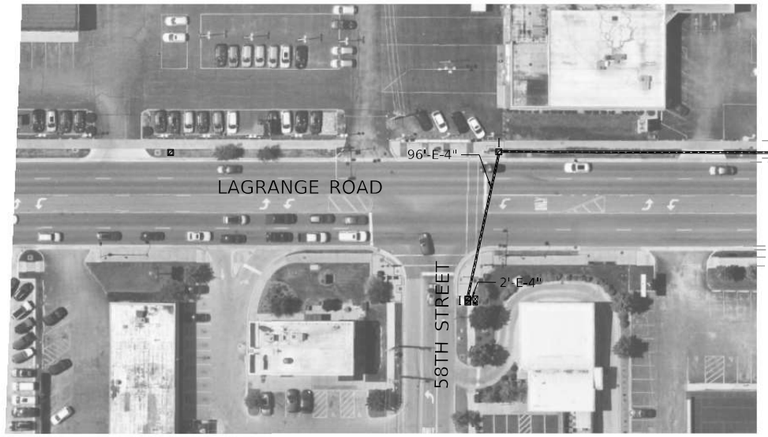
PROPOSED INTERCONNECT PLAN
55TH STREET AND US ROUTE 12/20/45 (LAGRANGE ROAD)

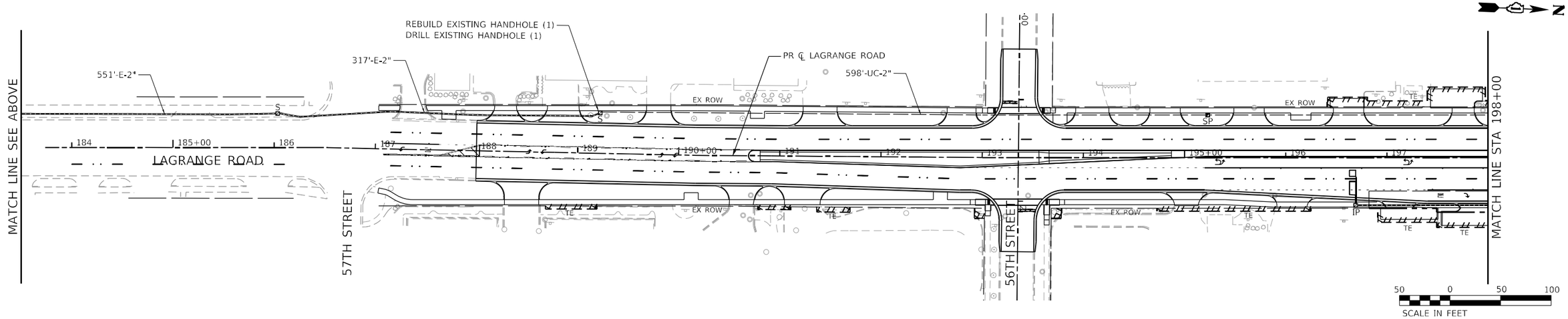
SCALE: 1" = 50' | SHEET 2 OF 3 SHEETS | STA. 102+50.00 TO STA. 120+41.46

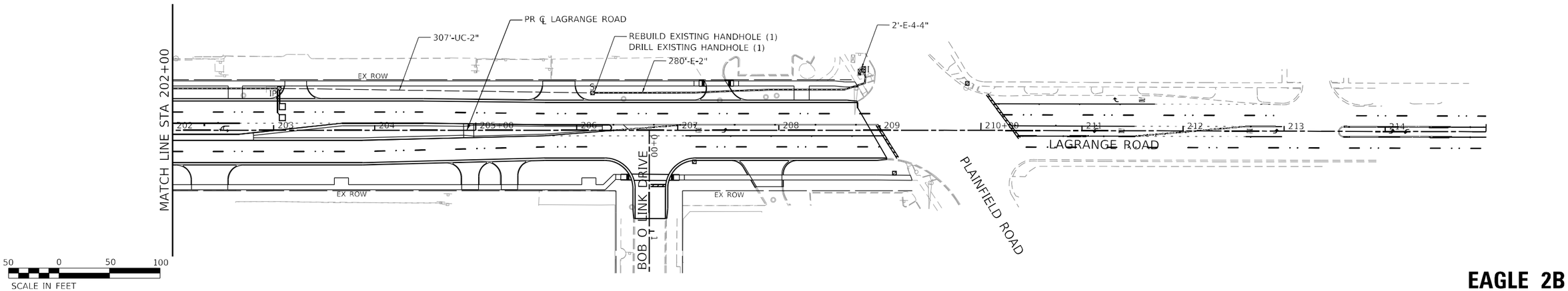
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	177
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	

NOTES:

1. SINGLE MODE FIBER SPLICING AND TERMINATION NEEDED FOR THE PROPOSED FIBER OPTIC INTERCONNECT SYSTEM IS INCLUDED IN THE COST OF THE FIBER OPTIC INTERCONNECT CABLE AND NO SEPARATE PAYMENT SHALL BE MADE FOR THIS WORK.
2. REMOVE EXISTING FIBER CABLE FROM CONDUIT AND REPLACE WITH FIBER OPTIC CABLE IN CONDUIT. NO. 62.5/125. MM12F SM24F
3. ROD AND CLEAN EXISTING CONDUIT SHALL BE DONE AS NEEDED AND AS APPROVED BY THE ENGINEER.







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Himalayan Consultants, LLC

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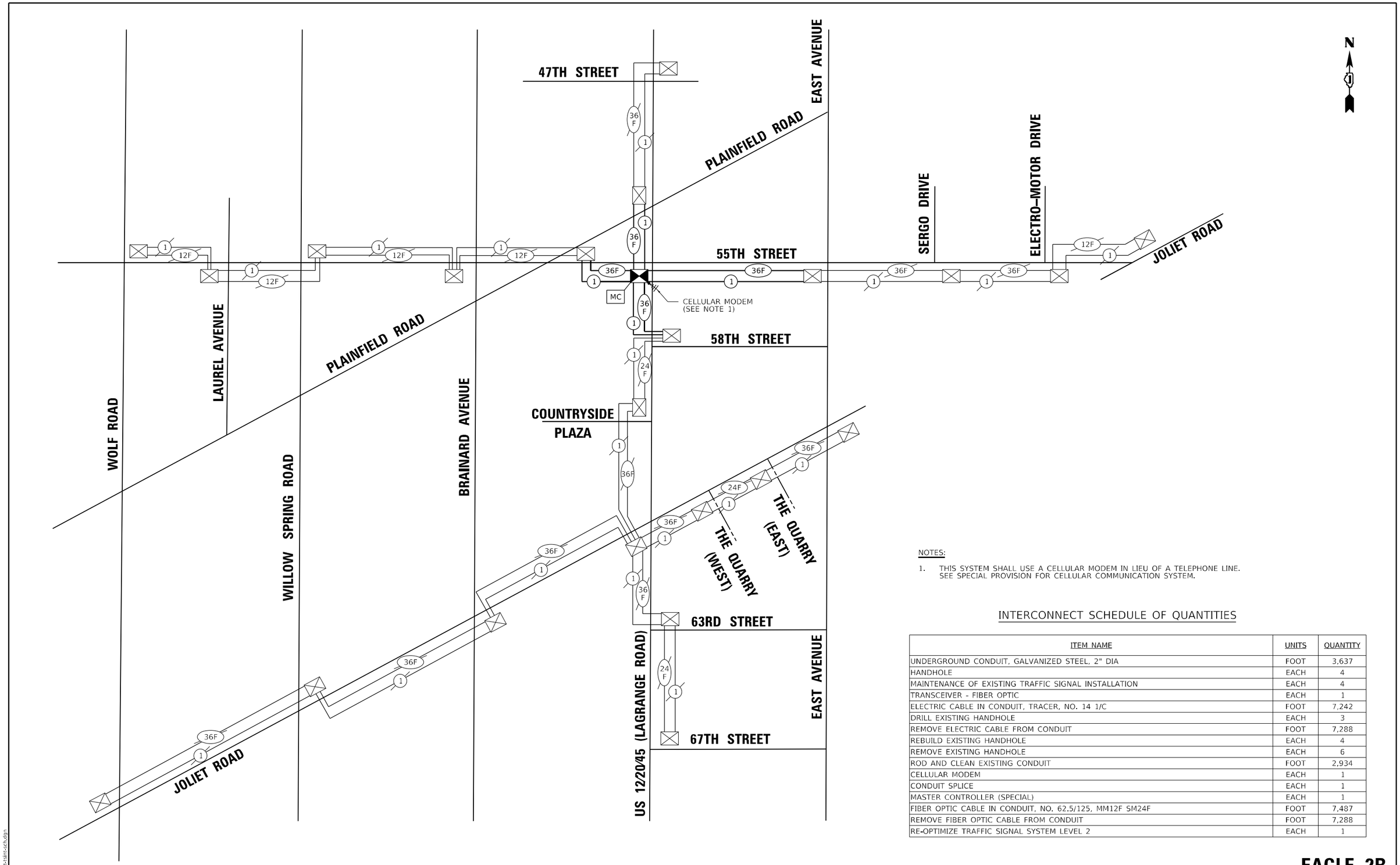
PLOT DATE = 9/18/2024		DATE - 08/05/2024		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED INTERCONNECT PLAN
55TH STREET AND US ROUTE 12/20/45 (LAGRANGE ROAD)

SCALE: 1" = 50' | SHEET 3 OF 3 SHEETS | STA. 188+00.00 TO STA. 209+06.84

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	178
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	



NOTES:

1. THIS SYSTEM SHALL USE A CELLULAR MODEM IN LIEU OF A TELEPHONE LINE. SEE SPECIAL PROVISION FOR CELLULAR COMMUNICATION SYSTEM.

INTERCONNECT SCHEDULE OF QUANTITIES

ITEM NAME	UNITS	QUANTITY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA	FOOT	3,637
HANDHOLE	EACH	4
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	4
TRANSCEIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1/C	FOOT	7,242
DRILL EXISTING HANDHOLE	EACH	3
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	7,288
REBUILD EXISTING HANDHOLE	EACH	4
REMOVE EXISTING HANDHOLE	EACH	6
ROD AND CLEAN EXISTING CONDUIT	FOOT	2,934
CELLULAR MODEM	EACH	1
CONDUIT SPLICE	EACH	1
MASTER CONTROLLER (SPECIAL)	EACH	1
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	7,487
REMOVE FIBER OPTIC CABLE FROM CONDUIT	FOOT	7,288
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1

EAGLE 2B

MODEL: Default
FILE NAME: 121166-sht-tsint-sch.dgn

Himalayan Consultants, LLC

USER NAME = rjiang	DESIGNED - SSA	REVISED -	
	DRAWN - SSA	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - RGJ	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED INTERCONNECT SCHEMATIC
55TH STREET AND US ROUTE 12/20/45 (LAGRANGE ROAD)

SCALE: | SHEET 1 OF 1 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	179
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	

LEGEND

PROPOSED LUMINAIRE (SPECIAL), LIGHTING UNIT COMPLETE, SPECIAL, 40' M.H., 15' MAST ARM 240V (LINE TO NEUTRAL) BREAKAWAY BASE, AND 24" FOUNDATION U.N.O.

PROPOSED LUMINAIRE, TYPE C (SPECIAL), LIGHTING UNIT COMPLETE, SPECIAL, 40' M.H., 15' MAST ARM 240V (LINE TO NEUTRAL), BREAKAWAY BASE, AND 24" FOUNDATION U.N.O.

PROPOSED LUMINAIRE, TYPE A (SPECIAL), LUMINAIRE, TYPE B (SPECIAL), LIGHT POLE (SPECIAL), 37' M.H., 8' MAST ARM, BREAKAWAY COUPLING BASE, AND 24" FOUNDATION U.N.O.

PROPOSED COMBINATION SIGNAL / LIGHT POLE, LUMINAIRE, TYPE C (SPECIAL), 45' M.H., 15' MAST ARM 120V (LINE TO NEUTRAL) LED LUMINAIRE WITH 6 AMP FUSE AND NEUTRAL SLUG.

EXISTING LIGHTING UNIT

EXISTING LIGHTING CONTROLLER

PROPOSED LIGHTING CONTROLLER

PROPOSED HANDHOLE

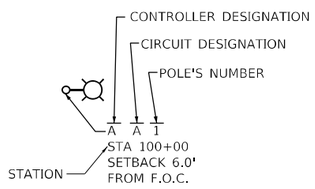
PROPOSED UNIT DUCT, SIZE AND TYPE AS SHOWN ON PLANS

PROPOSED RGS CONDUIT WITH UNIT DUCT, SIZE AND TYPE AS SHOWN ON PLANS

20 AMP, DUPLEX GFI RECEPTACLE WITH WEATHER PROOF IN-USE COVER, 120V (PHASE TO NEUTRAL)

CALL-OUT SAMPLE

DEFINITION AND EXAMPLE



PROPOSED LIGHTING UNIT

ABBREVIATIONS

ABBREVIATION	DESCRIPTION
AC	ALTERNATING CURRENT
A/C	AERIAL CABLE
B.O.C.	BACK OF CURB
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CM	CENTIMETER
COMED	COMMONWEALTH EDISON COMPANY
CP	CONTROL PANEL
CT	CURRENT TRANSFORMER
DA	DAVIT ARM
DC	DIRECT CURRENT
DIA	DIAMETER
DP	DISTRIBUTION PANEL
E	EXISTING UNIT TO REMAIN
EX.	EXISTING
ECA	ELECTRIC CABLE ASSEMBLY
E.O.P.	EDGE OF PAVEMENT
F.O.C.	FACE OF CURB
FT	FEET OR FOOT
FU	FUSE
GND	GROUND
HID	HIGH INTENSITY DISCHARGE
HPS	HIGH PRESSURE SODIUM
JB	JUNCTION BOX
KVA	KILOVOLT-AMPERE
KW	KILOWATTS
LED	LIGHT EMITTING DIODE
LP	LIGHT POLE
LTFM	LIQUID TIGHT FLEXIBLE METALLIC
LPS	LOW PRESSURE SODIUM
M	METER
MA	MAST ARM
MC	MULTI-CONDUCTOR
MM	MILLIMETER
M.H.	MOUNTING HEIGHT
MW	MESSENGER WIRE
NO. #	NUMBER
N.T.S.	NOT TO SCALE
P	PROPOSED
PB	PUSH BUTTON
PNL	PANEL
PVC	POLYVINYL CHLORIDE
PVCC RGC	PVC COATED RIGID GALVANIZED CONDUIT
PT	POTENTIAL TRANSFORMER
R	EXISTING UNIT TO BE REMOVED (OWNER SALVAGED U.N.O.)
RR	EXISTING UNIT TO BE REMOVED AND REINSTALLED
RECP	RECEPTACLE
RGC	RIGID GALVANIZED CONDUIT
SEL SW	SELECTOR SWITCH
SPARE	SPARE
SPACE	SPACE
SS	STAINLESS STEEL
STA	STATION
XFMR	TRANSFORMER
UD	UNIT DUCT
U.N.O.	UNLESS NOTED OTHERWISE
UGC, GS	UNDERGROUND CONDUCT, GALVANIZED STEEL
V	VOLTS
W	WATTS
WP	WOOD POLE

GENERAL NOTES

1. THE ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST CODES, STANDARDS AND THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2022, AND SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS ADOPTED JANUARY 1, 2024.
2. LIGHT POLE SETBACKS ARE MEASURED FROM THE FACE OF THE PROPOSED CURB TO THE CENTER OF THE POLE. POLE SETBACKS SHALL NOT BE LESS THAN 3 FEET FROM FACE OF CURB (FOC) TO CENTER OF POLE.
3. CONDUIT DUCTS SHALL BE INSTALLED AT A MINIMUM 30" DEPTH BELOW GRADE AND POSITIONED IN THE FIELD TO AVOID CONFLICT WITH ROADWAY UNDERDRAINS AND OTHER EXISTING AND PROPOSED UTILITIES. THE CONTRACTOR SHALL INCREASE DEPTH OF UNIT DUCT AND CONDUIT AS REQUIRED AT NO ADDITIONAL COST. THE CONTRACTOR SHALL COORDINATE RACEWAY DEPTH WITH THE ELECTRICAL DETAILS AND THE ENGINEER.
4. EXISTING LIGHTING WILL REMAIN OPERATIONAL UNTIL THE PROPOSED LIGHTING ON THE SAME SIDE OF THE ROADWAY IS INSTALLED AND OPERATIONAL. TRANSITION OF EXISTING TO PROPOSED LIGHTING WILL BE COORDINATED AND COMPLETED ON THE SAME DAY WITHOUT ANY INTERRUPTION OF OPERATION FOR THAT SAME EVENING.

SCHEDULE OF QUANTITIES

ITEM NAME	UNITS	QUANTITY
ELECTRIC SERVICE INSTALLATION	EACH	2
ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	1,023
HANDHOLE	EACH	2
UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	754
UNIT DUCT, 600V, 4-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	6,584
UNIT DUCT, 600V, 6-1C NO.6, 1/C NO.8 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	202
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1,880
LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 100AMP	EACH	1
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	363
LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8 5/8" X 6'	EACH	6
BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	37
BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN	EACH	12
REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	35
REMOVAL OF POLE FOUNDATION	EACH	39
RELOCATE EXISTING LIGHTING UNIT	EACH	4
REMOVAL OF LIGHTING CONTROLLER	EACH	1
REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	2
LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	61
MAINTENANCE OF LIGHTING SYSTEM	CAL MO	18
LUMINAIRE (SPECIAL)	EACH	35
REMOVAL OF LIGHTING LUMINAIRE, NO SALVAGE	EACH	12
LUMINAIRE, TYPE A (SPECIAL)	EACH	18
LUMINAIRE, TYPE B (SPECIAL)	EACH	18
LUMINAIRE, TYPE C (SPECIAL)	EACH	10
COMBINATION LIGHTING CONTROLLER	EACH	1
LIGHTING UNIT COMPLETE, SPECIAL	EACH	41
LIGHT POLE (SPECIAL)	EACH	12
LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	105
RELOCATE EXISTING LIGHTING CONTROLLER	EACH	1
UNIT DUCT, 600V, 4-1/C NO.8, 2-1/C NO.4, 1/C NO.4 GROUND, (XLP-TYPE USE), 2" DIA. POLYETHYLENE	FOOT	3,110

ABNA DESIGN FIRM REG. 184.005117
745 McClintock Drive
Suite 210
Burr Ridge, IL 60527
Ph. 773-681-4750
www.abnacorp.com

USER NAME = kongelo	DESIGNED - BNS	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - BH	REVISED -	
PLOT DATE = 9/18/2024	DATE - 9/18/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING LEGEND AND GENERAL NOTES

SCALE: | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	180
		CONTRACT NO. 60R50		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
FILE NAME: I:\166-ilt-light-gennote.dgn

LIGHTING REMOVAL SCHEDULE

					84200500	84200804	X1400267	84500130	84500110
ROADWAY	REFERENCE ALIGNMENT	STATION	OFFSET	LOCATION /LIGHT POLE	REM LT UNIT SALV	REM POLE FDN	REMVL LMNAIR NO SALVG	REMOV LTG CONTR FDN	REMOV LIGHTING CONTR
			FT		EACH	EACH	EACH	EACH	EACH
55th Street	PR_50 Centerline	85+28	35.0	EX_LG_UNIT	1	1			
55th Street	PR_50 Centerline	87+87	-34.5	EX_LG_UNIT	1	1			
55th Street	PR_50 Centerline	88+86	36.4	EX_LG_UNIT	1	1			
55th Street	PR_50 Centerline	90+65	-30.9	EX_LG_UNIT	1	1			
55th Street	PR_50 Centerline	92+47	34.4	EX_LG_UNIT	1	1			
55th Street	PR_50 Centerline	94+10	-32.1	EX_LG_UNIT	1	1			
55th Street	PR_50 Centerline	95+72	36.3	EX_LG_UNIT	1	1			
55th Street	PR_50 Centerline	96+68	57.5	EX_LG_UNIT		1			
55th Street	PR_50 Centerline	97+49	-33.6	EX_LG_UNIT	1	1			
55th Street	PR_50 Centerline	99+37	37.4	EX_LG_UNIT	1	1			
55th Street	PR_50 Centerline	101+25	-33.7	EX_LG_UNIT	1	1			
55th Street	PR_50 Centerline	102+92	34.9	EX_LG_UNIT		1			
55th Street	PR_50 Centerline	103+13	-54.8	EX_LG_UNIT	1	1			
55th Street	PR_50 Centerline	104+74	-34.7	EX_LG_UNIT	1	1			
55th Street	PR_50 Centerline	105+55	41.2	EX_LG_CONTROLLER				1	
55th Street	PR_50 Centerline	106+67	34.9	EX_LG_UNIT	1	1			
55th Street	PR_50 Centerline	108+42	-33.1	EX_LG_UNIT	1	1			
55th Street	PR_50 Centerline	110+15	35.4	EX_LG_UNIT	1	1			
55th Street	PR_50 Centerline	111+82	-33.6	EX_LG_UNIT	1	1			
55th Street	PR_50 Centerline	113+60	35.7	EX_LG_UNIT	1	1			
55th Street	PR_50 Centerline	115+27	-35.0	EX_LG_UNIT	1	1			
55th Street	PR_50 Centerline	117+13	36.5	EX_LG_UNIT	1	1			
55th Street	PR_50 Centerline	118+91	-37.4	EX_LG_UNIT	1	1			
LaGrange Road	PR_50 Centerline	188+15	33.7	EX_LG_UNIT			2		
LaGrange Road	PR_50 Centerline	189+30	-32.8	EX_LG_UNIT			2		
LaGrange Road	PR_50 Centerline	190+22	34.6	EX_LG_UNIT			2		
LaGrange Road	PR_50 Centerline	191+70	-38.7	EX_LG_UNIT			2		
LaGrange Road	PR_50 Centerline	192+68	37.4	EX_LG_UNIT			2		
LaGrange Road	PR_50 Centerline	193+54	58.1	EX_LG_UNIT		1	1		
LaGrange Road	PR_50 Centerline	193+73	-32.7	EX_LG_UNIT		1	1		
LaGrange Road	PR_50 Centerline	195+70	30.6	EX_LG_UNIT	1	1			
LaGrange Road	PR_50 Centerline	197+43	-32.4	EX_LG_UNIT	1	1			
LaGrange Road	PR_50 Centerline	199+45	-30.9	EX_LG_UNIT	1	1			
LaGrange Road	PR_50 Centerline	200+66	-32.4	EX_LG_UNIT	1	1			
LaGrange Road	PR_50 Centerline	201+19	29.8	EX_LG_UNIT	1	1			
LaGrange Road	PR_50 Centerline	202+38	-30.1	EX_LG_UNIT	1	1			
LaGrange Road	PR_50 Centerline	202+58	30.2	EX_LG_UNIT	1	1			
LaGrange Road	PR_50 Centerline	204+21	-31.0	EX_LG_UNIT	1	1			
LaGrange Road	PR_50 Centerline	204+31	31.0	EX_LG_UNIT	1	1			
LaGrange Road	PR_50 Centerline	205+59	-30.9	EX_LG_UNIT	1	1			
LaGrange Road	PR_50 Centerline	205+85	31.2	EX_LG_UNIT	1	1			
LaGrange Road	PR_50 Centerline	206+40	60.0	EX_LG_CONTROLLER				1	1
LaGrange Road	PR_50 Centerline	207+26	-30.0	EX_LG_UNIT	1	1			
LaGrange Road	PR_50 Centerline	207+47	31.5	EX_LG_UNIT	1	1			
LaGrange Road	PR_50 Centerline	208+67	-29.5	EX_LG_UNIT	1	1			
LaGrange Road	PR_50 Centerline	209+07	32.0	EX_LG_UNIT	1	1			
TOTAL					35	39	12	2	1

MODEL: Default
FILE NAME: 12166-int-light-Removal Schedule.dgn

ABNA DESIGN FIRM REG. 184.001117
745 McClintock Drive Suite 210 Burr Ridge, IL 60527 Ph. 773-583-4750 www.abnacorp.com

USER NAME = kongelo	DESIGNED - FPE	REVISED -	
	DRAWN - LNK	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JMO	REVISED -	
PLOT DATE = 8/2/2024	DATE - 8/2/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING REMOVAL SCHEDULE

SCALE: | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	181
		CONTRACT NO. 60R50		
	ILLINOIS FED. AID PROJECT			

LIGHTING SCHEDULE

ROADWAY	REFERENCE ALIGNMENT	STATION	OFFSET	LOCATION/ LIGHT POLE NUMBER	X1400202 LUMINAIRE SPL	X8212031 LUMINAIRE, TYPE A SPL	X8212032 LUMINAIRE, TYPE B SPL	X8300001 LIGHT POLE SPECIAL	X8250500 LIGHTING UNIT COMP SP	X8212033 LUMINAIRE, TYPE C SPL	83600200 LIGHT POLE FDN 24D	X8360215 LIGHT POLE FDN 24D OS	83600356 LP F M 15BC 8 5/8X6	83800205 BKWY DEV TR B 15BC	83800650 BKWY DEV COU SS SCRN	Z0033020 LUM SFTY CBL ASSEMBLY	84400105 RELOC EX LT UNIT	81400100 HANDHOLE	80400200 ELECT UTIL SERV CONN	82500360 LT CONT BASEM 480V100	80400100 ELECT SERV INSTALL
			FT		EACH	EACH	EACH	EACH	EACH	EACH	FOOT	FOOT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
55th Street	PR_50 Centerline	85+35	32.50	XA1	1				1		8.25			1		1					
55th Street	PR_50 Centerline	87+15	32.50	XB1	1				1		8.25			1		1					
55th Street	PR_50 Centerline	87+15	-32.49	XC1	1				1		8.25			1		1					
55th Street	PR_50 Centerline	88+90	32.50	XA2	1				1		8.25			1		1					
55th Street	PR_50 Centerline	88+90	-32.50	XD1	1				1		8.25			1		1					
55th Street	PR_50 Centerline	90+70	32.50	XB2	1				1		8.25			1		1					
55th Street	PR_50 Centerline	90+70	-32.50	XC2	1				1			15		1		1					
55th Street	PR_50 Centerline	92+40	35.14	XA3	1				1		8.25			1		1					
55th Street	PR_50 Centerline	92+40	-40.50	XD2	1				1		8.25			1		1					
55th Street	PR_50 Centerline	93+95	35.05	XB3	1				1		8.25			1		1					
55th Street	PR_50 Centerline	93+95	-35.50	XC3	1				1			15		1		1					
55th Street	PR_50 Centerline	95+65	35.00	XA4	1				1		8.25			1		1					
55th Street	PR_50 Centerline	95+65	-37.30	XD3	1				1			15		1		1					
Madison Ave.	PR_50 Centerline	1+80	21.04	EX_LG_UNIT							8.25					1	1				
55th Street	PR_50 Centerline	97+45	42.43	XB4	1				1		8.25			1		1					
55th Street	PR_50 Centerline	97+45	-41.41	XC4	1				1			15		1		1					
55th Street	PR_50 Centerline	99+22	54.21	XA5					1	1	8.25					1					
55th Street	PR_50 Centerline	99+22	-56.31	COMB SIGNAL/ LG-POLE						1						1					
55th Street	PR_50 Centerline	100+76	-67.38	XC5					1	1	8.25					1					
55th Street	PR_50 Centerline	100+76	56.57	COMB SIGNAL/ LG-POLE						1						1					
55th Street	PR_50 Centerline	102+60	30.87	XA6					1	1	8.25			1		1					
55th Street	PR_50 Centerline	102+60	-58.00	XD5					1	1	8.25			1		1					
6th Ave.	PR_50 Centerline	0+65	-26.27	EX_LG_UNIT							8.25					1	1				
55th Street	PR_50 Centerline	104+30	33.12	XB6	1				1		8.25			1		1					
55th Street	PR_50 Centerline	104+30	-47.00	XC6	1				1		8.25			1		1					
55th Street	PR_50 Centerline	105+55	-43.60	PR_LG_HANDHOLE														1			
55th Street	PR_50 Centerline	105+55	39.50	EX_LG_CONTROLLER "X"																	1
55th Street	PR_50 Centerline	106+05	35.50	XA7	1				1				1	1		1					
55th Street	PR_50 Centerline	106+15	-46.40	XD6	1				1			15		1		1					
55th Street	PR_50 Centerline	107+75	35.50	XB7	1				1				1	1		1					
55th Street	PR_50 Centerline	107+75	-40.30	XC7	1				1		8.25			1		1					
55th Street	PR_50 Centerline	109+45	35.50	XA8	1				1				1	1		1					
55th Street	PR_50 Centerline	109+45	-38.00	XD7	1				1		8.25			1		1					
55th Street	PR_50 Centerline	111+10	36.00	XB8	1				1				1	1		1					
55th Street	PR_50 Centerline	111+10	-35.00	XC8	1				1		8.25			1		1					
55th Street	PR_50 Centerline	112+75	38.65	XA9	1				1				1	1		1					
55th Street	PR_50 Centerline	112+75	-42	XD8	1				1			15		1		1					
55th Street	PR_50 Centerline	114+40	36	XB9	1				1		8.25			1		1					
55th Street	PR_50 Centerline	114+40	-35.00	XC9	1				1		8.25			1		1					
55th Street	PR_50 Centerline	116+05	37	XA10	1				1		8.25			1		1					
55th Street	PR_50 Centerline	116+05	-36	XD9	1				1		8.25			1		1					
55th Street	PR_50 Centerline	117+80	36.31	XB10	1				1				1	1		1					
55th Street	PR_50 Centerline	117+80	-37	XC10	1				1		8.25			1		1					
55th Street	PR_50 Centerline	119+45	37.64	XA11	1				1		8.25			1		1					
55th Street	PR_50 Centerline	119+45	-36	XD10	1				1		8.25			1		1					
56th Street	PR_50 Centerline	188+15	33.69	EX_LG_UNIT		1	1														
LaGrange Road	PR_50 Centerline	189+30	-32.81	EX_LG_UNIT		1	1														
LaGrange Road	PR_50 Centerline	190+22	34.55	EX_LG_UNIT		1	1														
LaGrange Road	PR_50 Centerline	191+70	-38.71	EX_LG_UNIT		1	1														
LaGrange Road	PR_50 Centerline	192+68	37.4	EX_LG_UNIT		1	1														
56th Street	PR_50 Centerline	2+15	21.25	EX_LG_UNIT							8.25					1	1				
LaGrange Road	PR_50 Centerline	193+70	-37.27	EX_LG_UNIT		1	1				8.25					1	1				
LaGrange Road	PR_50 Centerline	194+75	37	YA1-YC1		1	1	1				15			1	1					
LaGrange Road	PR_50 Centerline	195+85	-37.88	YB1-YD1		1	1	1			8.25				1	1					
LaGrange Road	PR_50 Centerline	196+95	49	YA2-YC2		1	1	1			8.25				1	1					
LaGrange Road	PR_50 Centerline	198+05	-34	YB2-YD2		1	1	1			8.25				1	1					
LaGrange Road	PR_50 Centerline	199+25	62.2	XB5				1	1	1	8.25					1					
LaGrange Road	PR_50 Centerline	199+27	-53.3	COMB SIGNAL/ LG-POLE						1						1					
LaGrange Road	PR_50 Centerline	200+77	-48.3	XD4				1	1	1	8.25					1					
LaGrange Road	PR_50 Centerline	200+78	58.61	COMB SIGNAL/ LG-POLE						1						1					
LaGrange Road	PR_50 Centerline	202+05	-34	YB3-YD3		1	1	1			8.25				1	1					
LaGrange Road	PR_50 Centerline	203+05	37	YA3-YC3		1	1	1			8.25				1	1					
LaGrange Road	PR_50 Centerline	204+05	-34	YB4-YD4		1	1	1			8.25				1	1					
LaGrange Road	PR_50 Centerline	205+10	36.58	YA4-YC4		1	1	1			8.25				1	1					
LaGrange Road	PR_50 Centerline	206+05	-35.81	YB5-YD5		1	1	1			8.25				1	1					
LaGrange Road	PR_50 Centerline	206+42	-32.5	PR_LG_HANDHOLE														1			
LaGrange Road	PR_50 Centerline	206+40	57.49	PR_LG_CONTROLLER "Y"															1	1	1
LaGrange Road	PR_50 Centerline	207+05	36	YA5-YC5		1	1	1			8.25				1	1					
LaGrange Road	PR_50 Centerline	208+05	-32.5	YB6-YD6		1	1	1			8.25				1	1					
LaGrange Road	PR_50 Centerline	209+05	32.5	YA6-YC6		1	1	1			8.25				1	1					
TOTAL					**35**	**18**	**18**	**14**	**41**	**10**	**363**	**105**	**6**	**37**	**12**	**61**	**4**	**2**	**1**	**1**	**2**

ABNA DESIGN FIRM REG. 184200117
745 McClintock Drive Suite 210 Burr Ridge, IL 60527 Ph. 773-681-4768 www.abnacorp.com

USER NAME = kongelo	DESIGNED - FPE	REVISED -
	DRAWN - LNK	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - JMO	REVISED -
PLOT DATE = 9/18/2024	DATE - 9/18/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING SCHEDULE OF QUANTITIES

SCALE: | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	182
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

MODEL: Default
FILE NAME: 121166-sht-ltgtn--SOQ-01.dgn

LIGHTING SCHEDULE

							81603100	81603037	81603598	81028240	XXXXXXXX
ALIGNMENT ALONG	REFERENCE ALIGNMENT	FROM STA	TO STA	FROM	TO	SIDE	UD 4#6#6GXLPUSE 1 1/4	UD 2#6#6G XLPUSE 1.25	UD 6#6 #8G XLPUSE 1.5	UNDRGRD C GALVS 4	UNIT DUCT, 600V, 4-1/C NO.8, 2-1/C NO.4 1/C NO.4 GROUND, (XLP-TYPE USE), 2" DIA. POLYETHYLENE
			FT				FOOT	FOOT	FOOT	FOOT	FOOT
55th Street	PR_50 Centerline	85+35	87+15	XA1	XB1	R	180				
55th Street	PR_50 Centerline	87+15	88+90	XB1	XA2	R		175			
55th Street	PR_50 Centerline	87+15	88+90	XC1	XD1	L	175				
55th Street	PR_50 Centerline	88+14	88+66	-	-	R				52	
55th Street	PR_50 Centerline	88+90	90+70	XA2	XB2	R		180			
55th Street	PR_50 Centerline	88+90	90+70	XD1	XC2	L		180			
55th Street	PR_50 Centerline	89+51	89+99	-	-	L				48	
55th Street	PR_50 Centerline	90+70	92+40	XB2	XA3	R		171			
55th Street	PR_50 Centerline	90+70	92+40	XC2	XD2	L		173			
55th Street	PR_50 Centerline	91+71	92+32	-	-	R				61	
55th Street	PR_50 Centerline	92+40	93+95	XA3	XB3	R		155			
55th Street	PR_50 Centerline	92+40	93+95	XD2	XC3	L		160			
55th Street	PR_50 Centerline	92+55	93+19	-	-	L				64	
55th Street	PR_50 Centerline	93+95	95+65	XB3	XA4	R		170			
55th Street	PR_50 Centerline	93+95	95+65	XC3	XD3	L		171			
55th Street	PR_50 Centerline	95+65	97+45	XA4	XB4	R		192			
55th Street	PR_50 Centerline	95+65	97+45	XD3	XC4	L		180			
55th Street	PR_50 Centerline	95+74	96+26	-	-	L				52	
55th Street	PR_50 Centerline	96+33	96+68	-	-	R				35	
Madison Ave.	PR_50 Centerline	1+80	-	EX_LG_UNIT	-						
55th Street	PR_50 Centerline	97+45	99+22	XB4	XA5	R		184			
55th Street	PR_50 Centerline	97+45	99+51	XC4	XD4	L		215			
55th Street	PR_50 Centerline	99+22	100+63	XA5	XB5	R		151			
55th Street	PR_50 Centerline	99+31	99+31	-	-	-				93	
55th Street	PR_50 Centerline	99+51	100+76	XD4	XC5	L		135			
55th Street	PR_50 Centerline	99+55	100+51	-	-	R				97	
55th Street	PR_50 Centerline	99+68	100+44	-	-	L				76	
55th Street	PR_50 Centerline	100+70	100+70	-	-	-				103	
55th Street	PR_50 Centerline	100+63	102+60	XB5	XA6	R		215			
55th Street	PR_50 Centerline	100+76	102+60	XC5	XD5	L		192			
55th Street	PR_50 Centerline	102+60	104+30	XA6	XB6	R		170			
55th Street	PR_50 Centerline	102+60	104+30	XD5	XC6	L		174			
55th Street	PR_50 Centerline	103+04	103+50	-	-	L				47	
6th Ave.	PR_50 Centerline	0+65	-	EX_LG_UNIT	-	-					
55th Street	PR_50 Centerline	104+30	105+55	XB6	EX_LG_CONTROLLER "X"	R		118			
55th Street	PR_50 Centerline	104+30	105+55	XC6	PR_LG_HANDHOLE	L			124		
55th Street	PR_50 Centerline	105+55	105+55	EX_LG_CONTROLLER "X"	PR_LG_HANDHOLE	-		77		64	

ABNA DESIGN FIRM REG. 184.007117
745 McClintock Drive Suite 210 Burr Ridge, IL 60527 Ph. 773-961-4758 www.abnacorp.com

USER NAME = lkongelo	DESIGNED - FPE	REVISED -	
	DRAWN - LNK	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JMO	REVISED -	
PLOT DATE = 9/18/2024	DATE - 9/18/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING SCHEDULE OF QUANTITIES

SCALE: | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	183
		CONTRACT NO. 60R50		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
FILE NAME: 12-166-dn-light-SQQ-02.dgn

LIGHTING SCHEDULE

							81603100	81603037	81603598	81028240	XXXXXXXX
ALIGNMENT ALONG	REFERENCE ALIGNMENT	FROM STA	TO STA	FROM	TO	SIDE	UD 4#6#6GXLPUSE 1 1/4	UD 2#6#6G XLPUSE 1.25	UD 6#6 #8G XLPUSE 1.5	UNDRGRD C GALVS 4	UNIT DUCT, 600V, 4-1/C NO.8, 2-1/C NO.4 1/C NO.4 GROUND, (XLP-TYPE USE), 2" DIA. POLYETHYLENE
			FT				FOOT	FOOT	FOOT	FOOT	FOOT
55th Street	PR_50 Centerline	105+55	106+05	EX_LG_CONTROLLER "X"	XA7	R		43			
55th Street	PR_50 Centerline	105+55	106+15	PR_LG_HANDHOLE	XD6	L		59	59		
55th Street	PR_50 Centerline	106+15	107+75	XA7	XB7	R		170			
55th Street	PR_50 Centerline	106+15	107+75	XD6	XC7	L		160			
55th Street	PR_50 Centerline	106+40	106+89	-	-	L				49	
55th Street	PR_50 Centerline	107+75	109+45	XB7	XA8	R		170			
55th Street	PR_50 Centerline	107+75	109+45	XC7	XD7	L		171			
55th Street	PR_50 Centerline	109+45	111+10	XA8	XB8	R		165			
55th Street	PR_50 Centerline	109+45	111+10	XD7	XC8	L		166			
55th Street	PR_50 Centerline	109+77	110+19	-	-	L				42	
55th Street	PR_50 Centerline	111+10	112+75	XB8	XA9	R		165			
55th Street	PR_50 Centerline	111+10	112+75	XC8	XD8	L		167			
55th Street	PR_50 Centerline	112+75	114+40	XA9	XB9	R		165			
55th Street	PR_50 Centerline	112+75	114+40	XD8	XC9	L		166			
55th Street	PR_50 Centerline	113+08	113+59	-	-	L				51	
55th Street	PR_50 Centerline	114+40	116+05	XB9	XA10	R		165			
55th Street	PR_50 Centerline	114+40	116+05	XC9	XD9	L		165			
55th Street	PR_50 Centerline	116+05	117+80	XA10	XB10	R		175			
55th Street	PR_50 Centerline	116+05	117+80	XD9	XC10	L		175			
55th Street	PR_50 Centerline	117+80	119+45	XB10	XA11	R	165				
55th Street	PR_50 Centerline	117+80	119+45	XC10	XD10	L	165				
56th Street	PR_50 Centerline	2+15	-	EX_LG_UNIT	-	-					
LaGrange Road	PR_50 Centerline	194+75	196+95	YA1-YC1	YA2-YC2	R					221
LaGrange Road	PR_50 Centerline	195+85	198+05	YB1-YD1	YB2-YD2	L					221
LaGrange Road	PR_50 Centerline	196+95	203+05	YA2-YC2	YA3-YC3	R					628
LaGrange Road	PR_50 Centerline	198+05	202+05	YB2-YD2	YB3-YD3	L					427
LaGrange Road	PR_50 Centerline	202+05	204+05	YB3-YD3	YB4-YD4	L					200
LaGrange Road	PR_50 Centerline	203+05	205+10	YA3-YC3	YA4-YC4	R					206
LaGrange Road	PR_50 Centerline	204+05	206+05	YB4-YD4	YB5-YD5	L					201
LaGrange Road	PR_50 Centerline	205+10	206+40	YA4-YC4	PR_LG_CONTROLLER "Y"	R					137
LaGrange Road	PR_50 Centerline	206+05	206+42	YB5-YD5	PR_LG_HANDHOLE	L					72
LaGrange Road	PR_50 Centerline	206+40	207+05	PR_LG_CONTROLLER "Y"	YA5-YC5	R					68
LaGrange Road	PR_50 Centerline	206+41	206+41	PR_LG_CONTROLLER "Y"	PR_LG_HANDHOLE	-				58	84
LaGrange Road	PR_50 Centerline	206+42	208+05	PR_LG_HANDHOLE	YB6-YD6	L					161
LaGrange Road	PR_50 Centerline	206+57	206+88	-	-	-				31	
LaGrange Road	PR_50 Centerline	207+05	209+05	YA5-YC5	YA6-YC6	R					201
TOTAL							**754**	**6584**	**202**	**1023**	**3110**

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Burr Ridge, IL 60527
Ph. 773-601-4758
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USER NAME = lkongelo	DESIGNED - FPE	REVISED -	
	DRAWN - LNK	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JMO	REVISED -	
PLOT DATE = 9/18/2024	DATE - 9/18/2024	REVISED -	

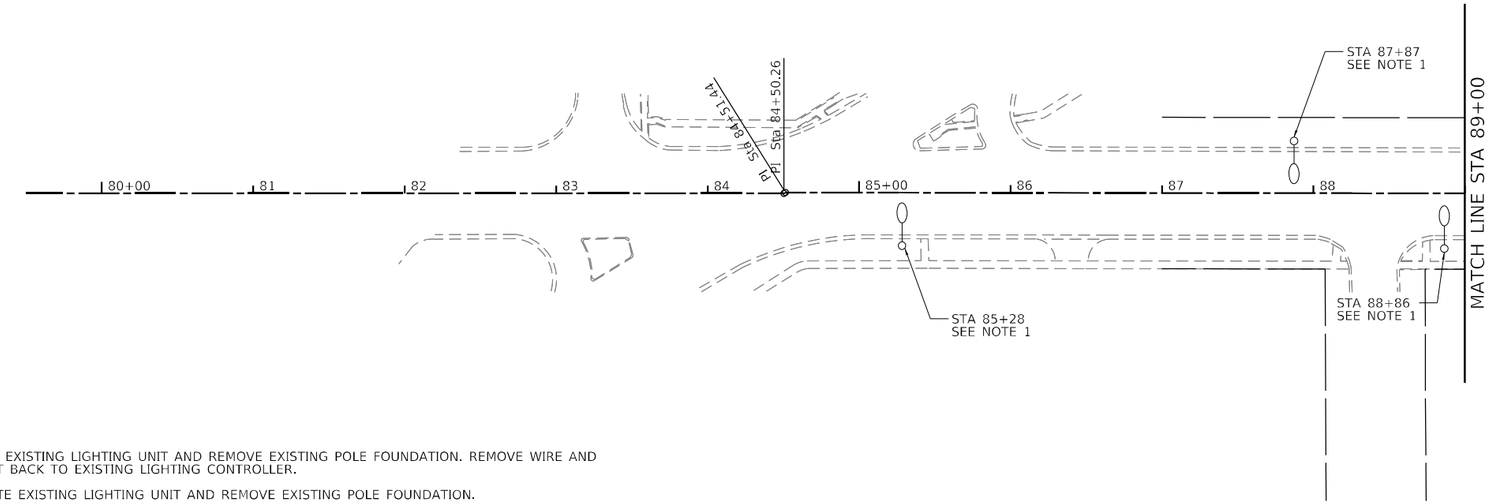
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

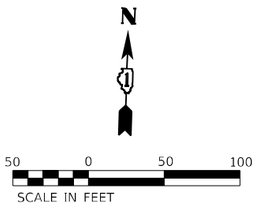
LIGHTING SCHEDULE OF QUANTITIES

SCALE: | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	184
		CONTRACT NO. 60R50		
	ILLINOIS FED. AID PROJECT			

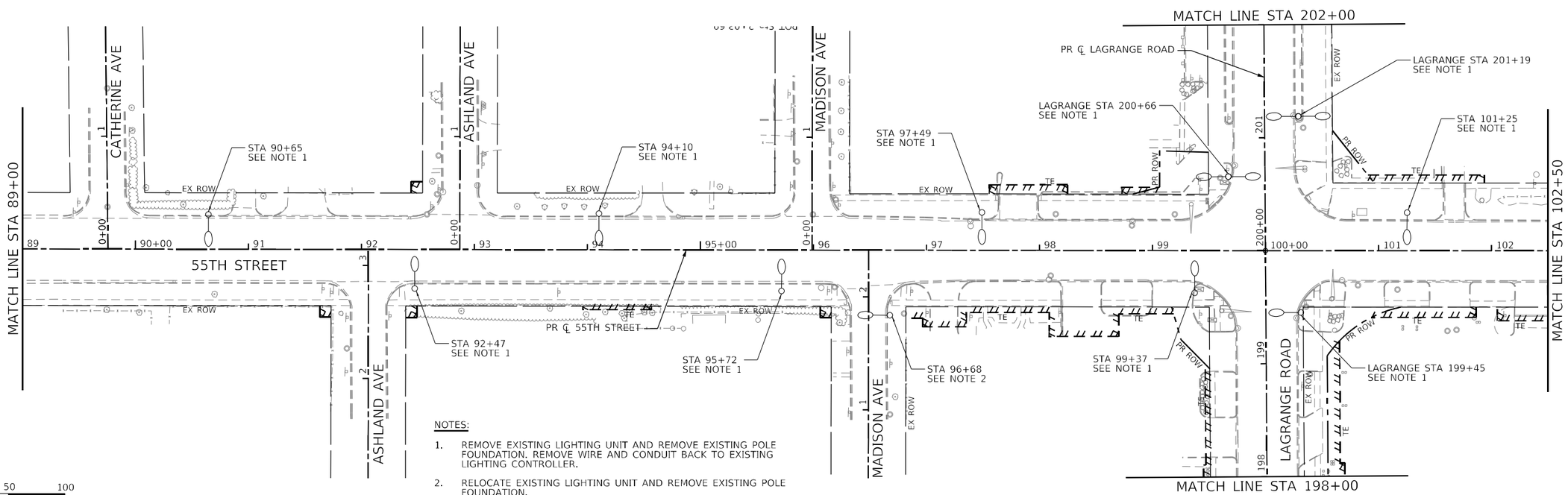
MODEL: Default
FILE NAME: 12-166-dn-light-SOQ-03.dgn

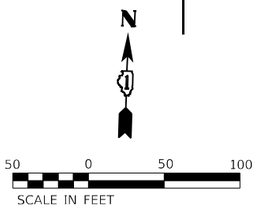




NOTES:

1. REMOVE EXISTING LIGHTING UNIT AND REMOVE EXISTING POLE FOUNDATION. REMOVE WIRE AND CONDUIT BACK TO EXISTING LIGHTING CONTROLLER.
2. RELOCATE EXISTING LIGHTING UNIT AND REMOVE EXISTING POLE FOUNDATION.





NOTES:

1. REMOVE EXISTING LIGHTING UNIT AND REMOVE EXISTING POLE FOUNDATION. REMOVE WIRE AND CONDUIT BACK TO EXISTING LIGHTING CONTROLLER.
2. RELOCATE EXISTING LIGHTING UNIT AND REMOVE EXISTING POLE FOUNDATION.

MODEL: Default
FILE NAME: 121166-sht-light-ex-01.dgn

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745 McClintock Drive
Suite 210
Burr Ridge, IL 60527
Ph. 773-681-4788
www.abnacorp.com

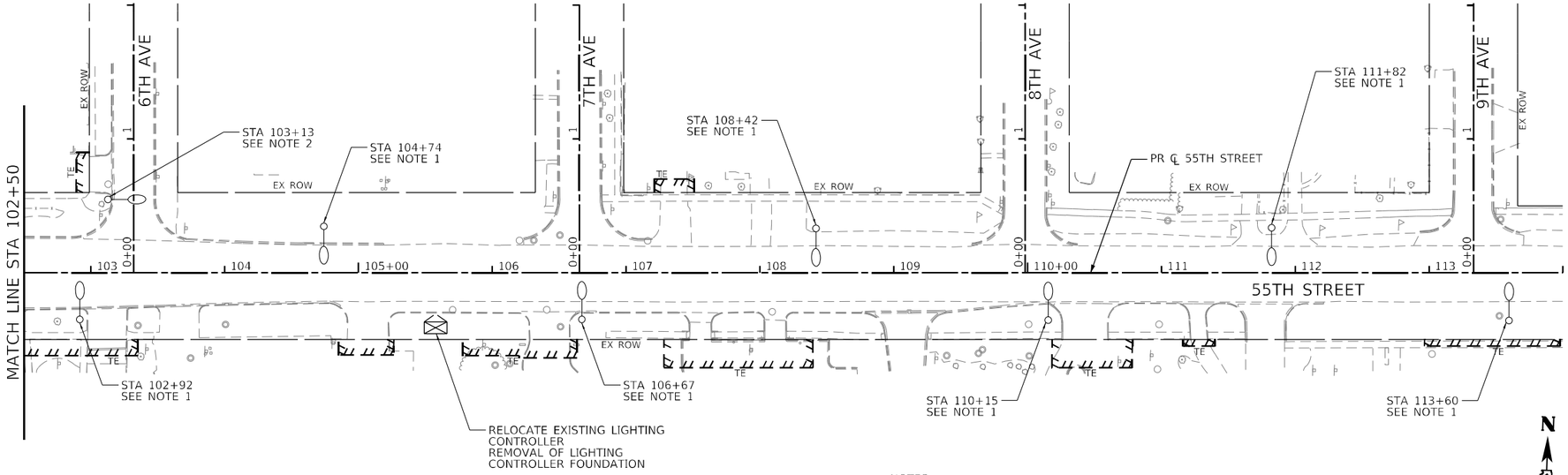
USER NAME = kongolo	DESIGNED - FPE	REVISED -	
	DRAWN - LNK	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JMO	REVISED -	
PLOT DATE = 8/2/2024	DATE - 8/2/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING REMOVAL PLAN

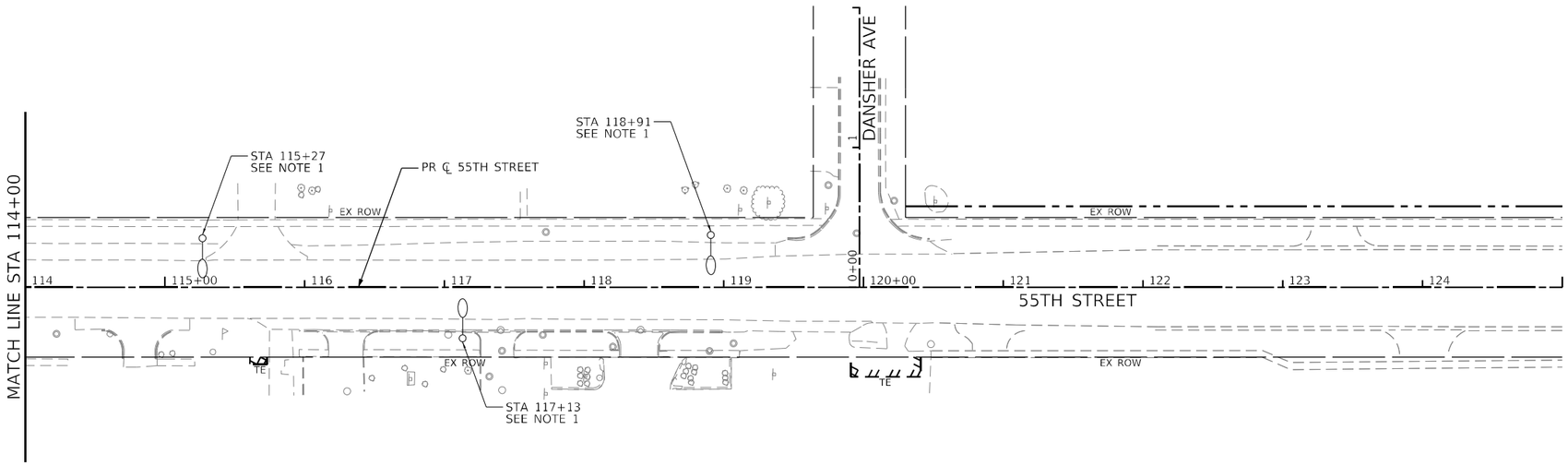
SCALE: 1" = 50' | SHEET 1 OF 3 SHEETS | STA. 89+90.76 TO STA. 102+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	185
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	



NOTES:

1. REMOVE EXISTING LIGHTING UNIT AND POLE FOUNDATION. REMOVE WIRE AND CONDUIT BACK TO EXISTING LIGHTING CONTROLLER.
2. RELOCATE EXISTING LIGHTING UNIT AND REMOVE EXISTING POLE FOUNDATION.



NOTES:

1. REMOVE EXISTING LIGHTING UNIT AND POLE FOUNDATION. REMOVE WIRE AND CONDUIT BACK TO EXISTING LIGHTING CONTROLLER.
2. RELOCATE EXISTING LIGHTING UNIT AND REMOVE EXISTING POLE FOUNDATION.

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	DRAWN - LNK	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - JMO	REVISED -
PLOT DATE = 8/2/2024	DATE - 8/2/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING REMOVAL PLAN

SCALE: 1" = 50' | SHEET 2 OF 3 SHEETS | STA. 112+50 TO STA. 120+41.46

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	186
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

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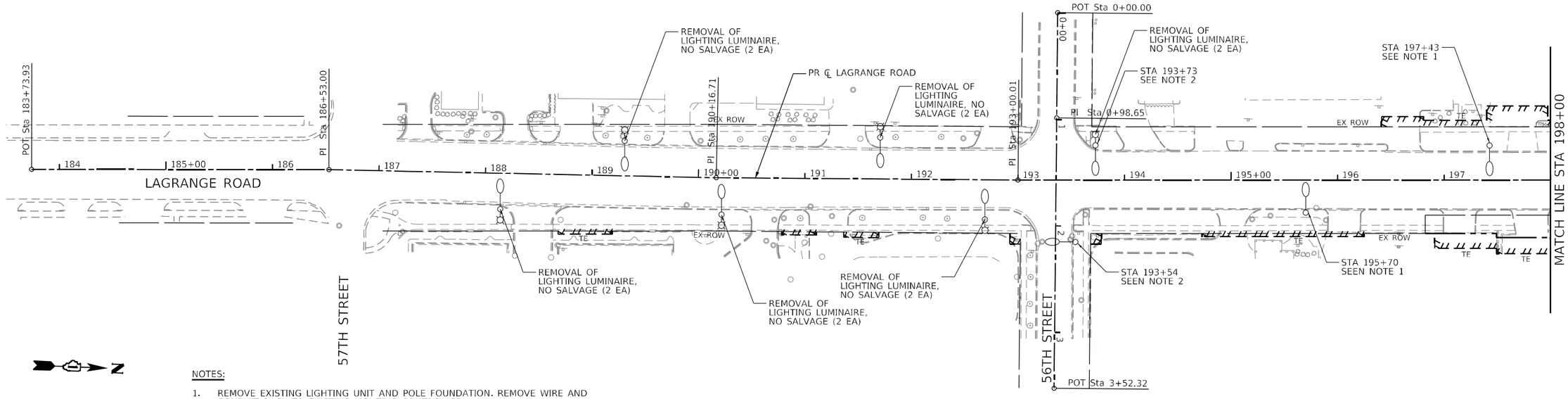
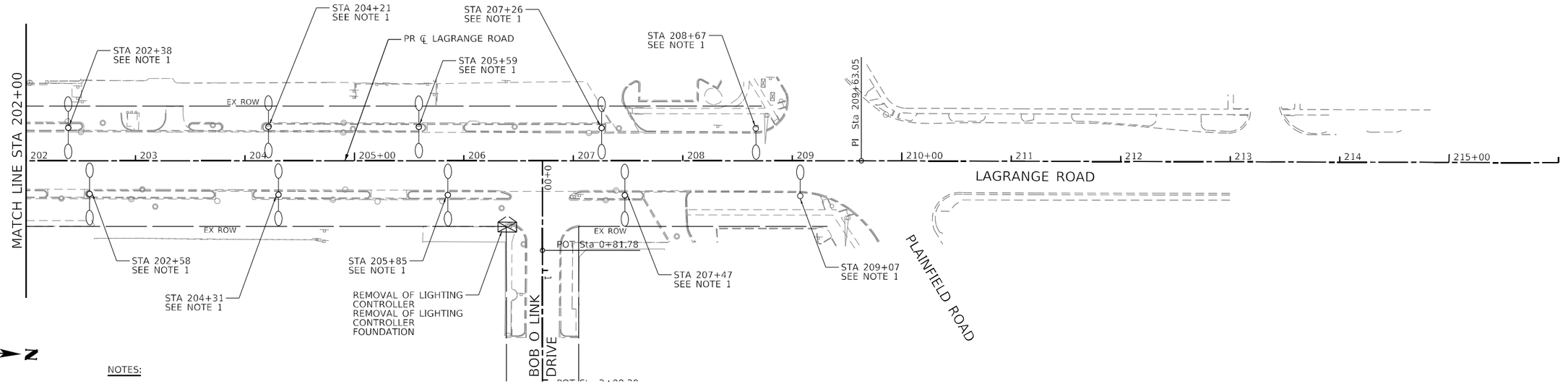


NOTES:

1. REMOVE EXISTING LIGHTING UNIT AND POLE FOUNDATION. REMOVE WIRE AND CONDUIT BACK TO EXISTING LIGHTING CONTROLLER.
2. RELOCATE EXISTING LIGHTING UNIT AND REMOVE EXISTING POLE FOUNDATION.



NOTES:

1. REMOVE EXISTING LIGHTING UNIT AND POLE FOUNDATION. REMOVE WIRE AND CONDUIT BACK TO EXISTING LIGHTING CONTROLLER.
2. RELOCATE EXISTING LIGHTING UNIT AND REMOVE EXISTING POLE FOUNDATION.

MODEL: Default
FILE NAME: I:\166-ilht-light-ex-03.dgn

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745 McClintock Drive Suite 210 Burr Ridge, IL 60527 Ph. 773-681-4750 www.abnacorp.com

USER NAME = lcongelo	DESIGNED - FPE	REVISED -	
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PLOT SCALE = 100.0000 ' / in.	CHECKED - JMO	REVISED -	
PLOT DATE = 8/2/2024	DATE - 8/2/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING REMOVAL PLAN

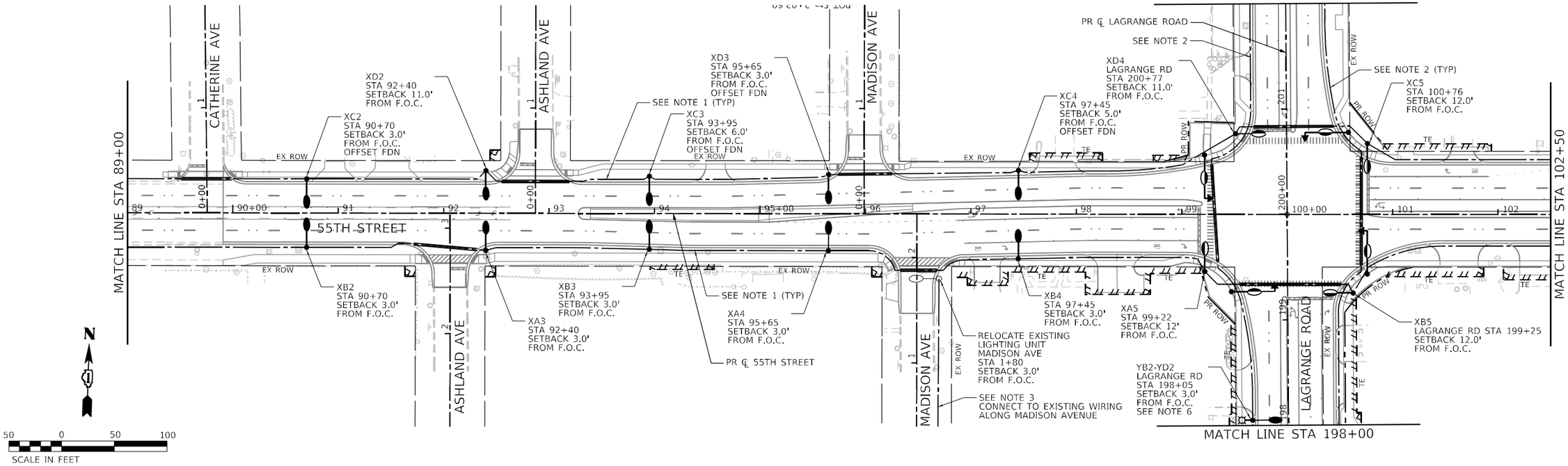
SCALE: 1" = 50' | SHEET 3 OF 3 SHEETS | STA. 188+00 TO STA. 209+06.84

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	187
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

NOTES:

1. UNIT DUCT, 600V, 4-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE
2. UNIT DUCT, 600V, 4-1/C NO.8, 2-1/C NO.4 1/C NO.4 GROUND, (XLP-TYPE USE), 2" DIA. POLYETHYLENE
3. UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE
4. UNIT DUCT, 600V, 6-1C NO.6, 1/C NO.8 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE
5. 2 - UNIT DUCT, 600V, 4-1/C NO.8, 2-1/C NO.4 1/C NO.4 GROUND, (XLP-TYPE USE), 2" DIA. POLYETHYLENE
6. BANNER ARMS SHALL NOT BE INSTALLED ON THIS LIGHT POLE.





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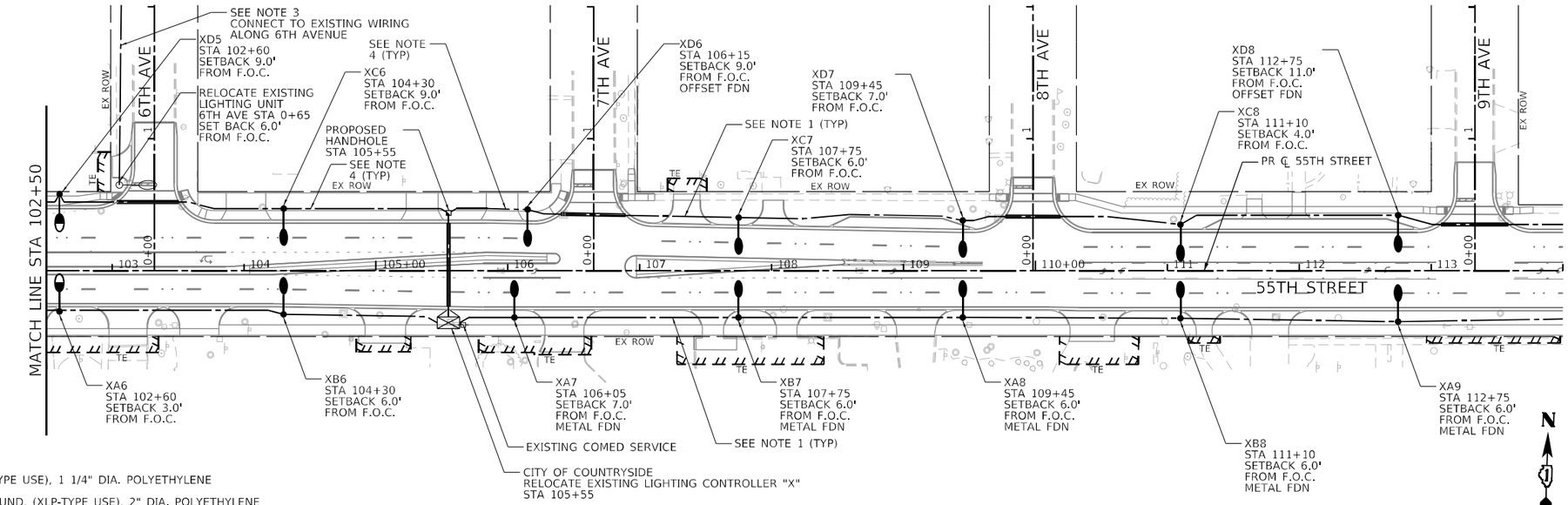
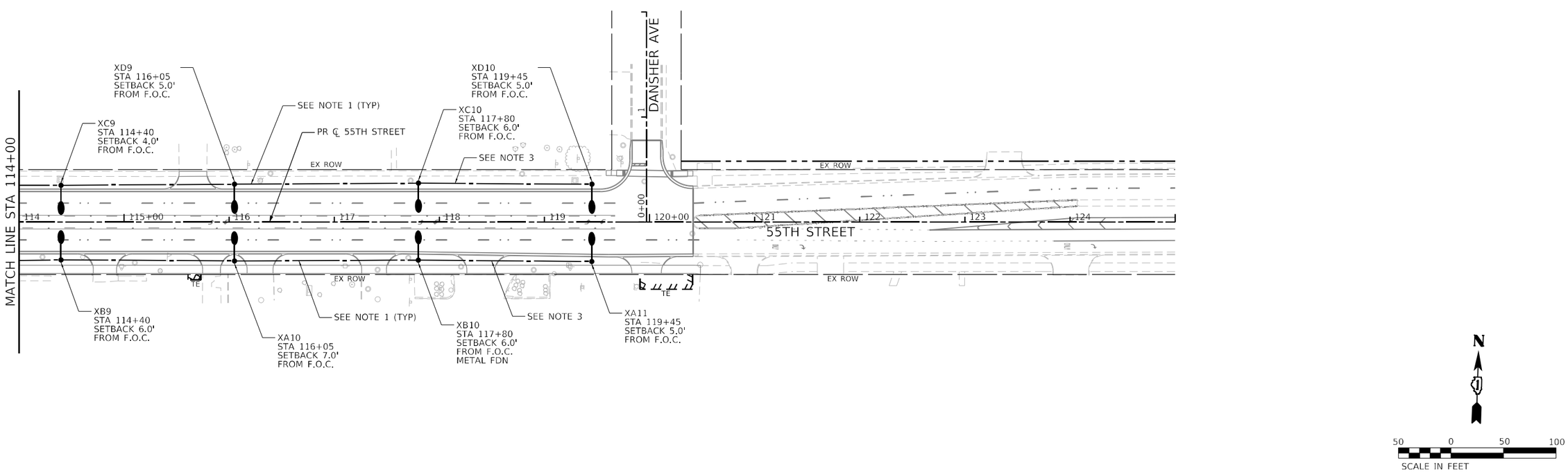
ABNA DESIGN FIRM REG. 104.002117 745 McClintock Drive Suite 210 Burr Ridge, IL 60527 Ph. 773-681-4788 www.abnacorp.com	USER NAME = kongolo	DESIGNED - BNS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED LIGHTING PLAN
		DRAWN - HTS	REVISED -		
	PLOT SCALE = 100.0000 ' / in.	CHECKED - BH	REVISED -		
	PLOT DATE = 9/18/2024	DATE - 9/18/2024	REVISED -		SCALE: 1" = 50' SHEET 1 OF 6 SHEETS STA. 89+90.76 TO STA. 102+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	188
		CONTRACT NO. 60R50		
		ILLINOIS FED. AID PROJECT		



NOTES:

1. UNIT DUCT, 600V, 4-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE
2. UNIT DUCT, 600V, 4-1/C NO.8, 2-1/C NO.4 1/C NO.4 GROUND, (XLP-TYPE USE), 2" DIA. POLYETHYLENE
3. UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE
4. UNIT DUCT, 600V, 6-1C NO.6, 1/C NO.8 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE
5. 2 - UNIT DUCT, 600V, 4-1/C NO.8, 2-1/C NO.4 1/C NO.4 GROUND, (XLP-TYPE USE), 2" DIA. POLYETHYLENE



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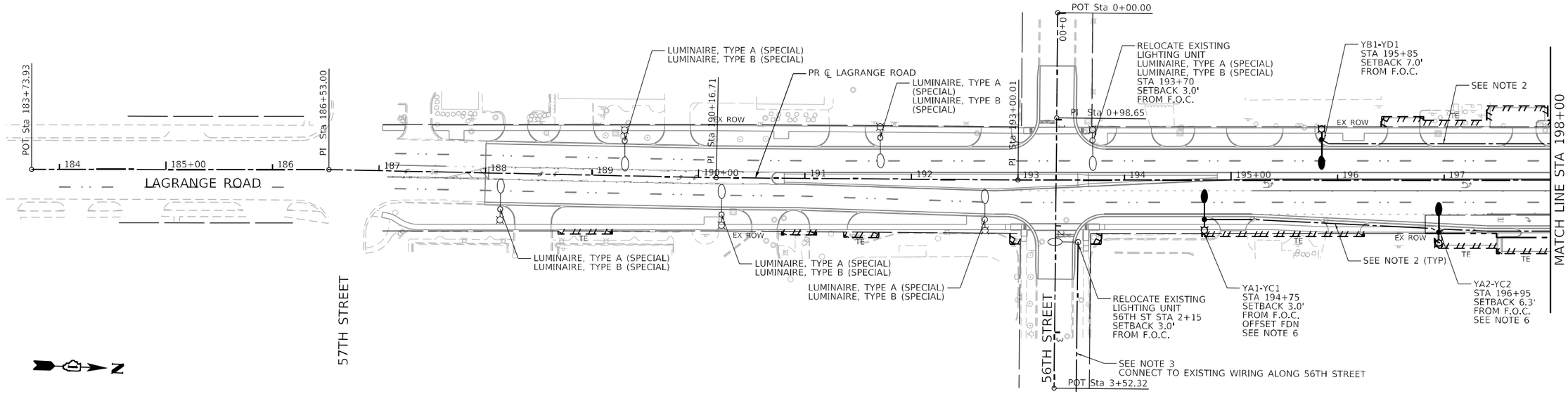
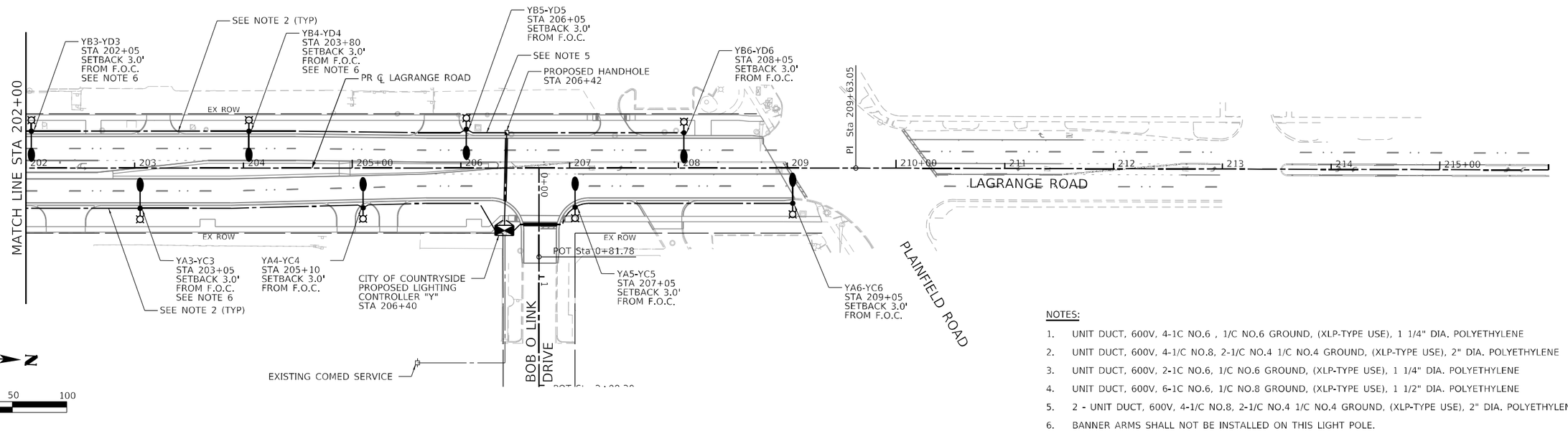
ABNA DESIGN FIRM REG. 104.002117 745 McClintock Drive Suite 210 Burr Ridge, IL 60527 Ph. 773-681-4788 www.abnacorp.com	USER NAME = kongolo	DESIGNED - BNS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED LIGHTING PLAN	F.A.U. RTE. 1504	SECTION 0104WRS&N-11	COUNTY COOK	TOTAL SHEETS 277	SHEET NO. 189
		DRAWN - HTS	REVISED -					CONTRACT NO. 60R50		
	PLOT SCALE = 100.0000 ' / in.	CHECKED - BH	REVISED -							
	PLOT DATE = 9/18/2024	DATE - 9/18/2024	REVISED -		SCALE: 1" = 50' SHEET 2 OF 6 SHEETS STA. 112+50 TO STA. 120+41.46		ILLINOIS	FED. AID PROJECT		





NOTES:

1. UNIT DUCT, 600V, 4-1C NO.6 , 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE
2. UNIT DUCT, 600V, 4-1/C NO.8, 2-1/C NO.4 1/C NO.4 GROUND, (XLP-TYPE USE), 2" DIA. POLYETHYLENE
3. UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE
4. UNIT DUCT, 600V, 6-1C NO.6, 1/C NO.8 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE
5. 2 - UNIT DUCT, 600V, 4-1/C NO.8, 2-1/C NO.4 1/C NO.4 GROUND, (XLP-TYPE USE), 2" DIA. POLYETHYLENE
6. BANNER ARMS SHALL NOT BE INSTALLED ON THIS LIGHT POLE.

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USER NAME = kongelo	DESIGNED - BNS	REVISED -
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PLOT SCALE = 100.0000 ' / in.	CHECKED - BH	REVISED -
PLOT DATE = 9/18/2024	DATE - 9/18/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLAN

SCALE: 1" = 50' | SHEET 3 OF 6 SHEETS | STA. 188+00 TO STA. 209+06.84

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	190
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

MODEL: Default
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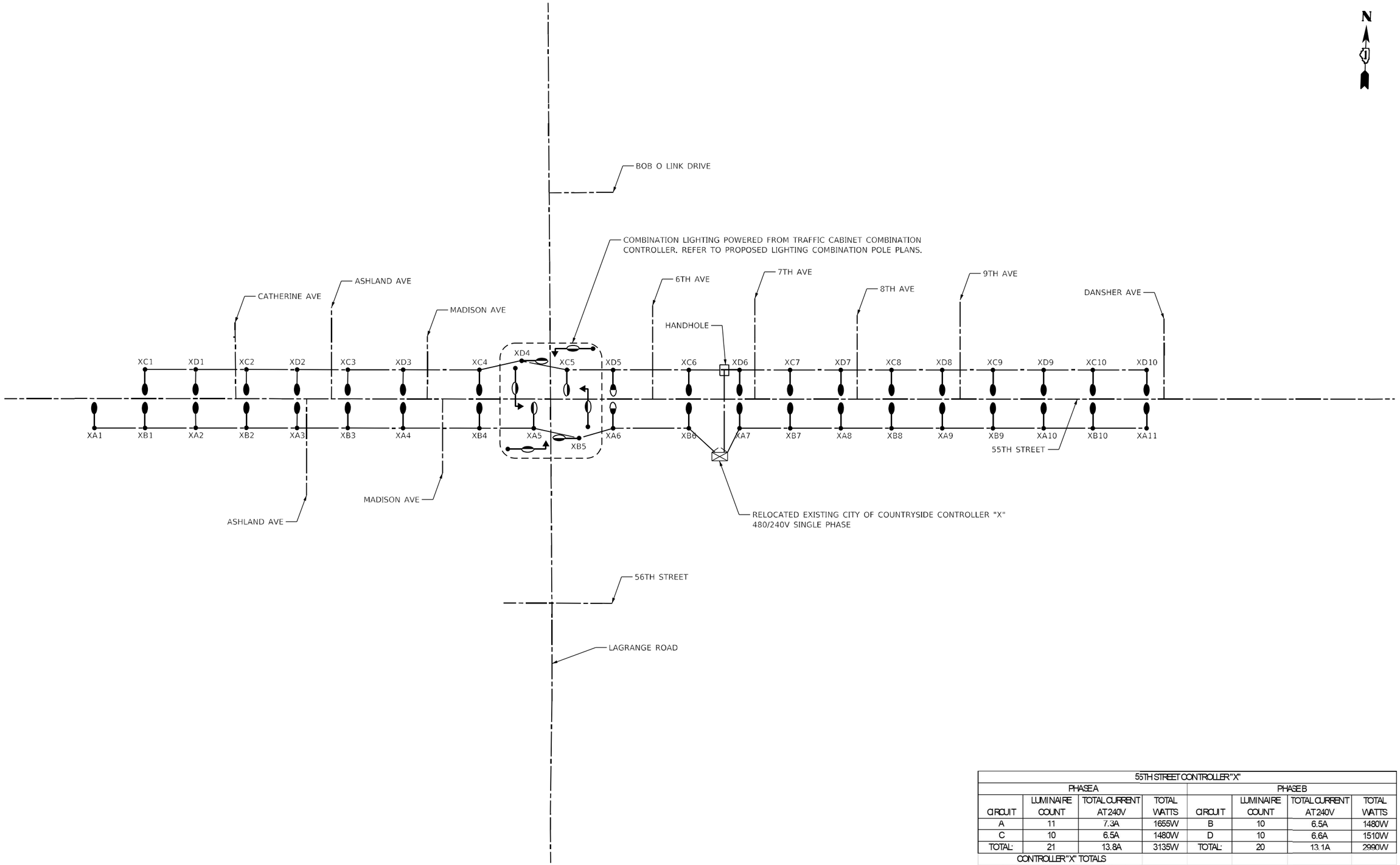


55TH STREET CONTROLLER "X"							
PHASE A				PHASE B			
CIRCUIT	LUMINAIRE COUNT	TOTAL CURRENT AT 240V	TOTAL WATTS	CIRCUIT	LUMINAIRE COUNT	TOTAL CURRENT AT 240V	TOTAL WATTS
A	11	7.3A	1655W	B	10	6.5A	1480W
C	10	6.5A	1480W	D	10	6.6A	1510W
TOTAL:	21	13.8A	3135W	TOTAL:	20	13.1A	2990W
CONTROLLER "X" TOTALS							
AT 480:	12.8A	6125W					

MODEL: Default
FILE NAME: I:\2166-ilt-light-sr-04.dgn

ABNA DESIGN FIRM REG. 184200117
745 McClintock Drive Suite 210 Burr Ridge, IL 60527 Ph. 773-851-4756 www.abnacorp.com

USER NAME = lkongelo	DESIGNED - BNS	REVISED -	
	DRAWN - HTS	REVISED -	
PLOT SCALE = 300.0000 ' / in.	CHECKED - BH	REVISED -	
PLOT DATE = 9/18/2024	DATE - 9/18/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

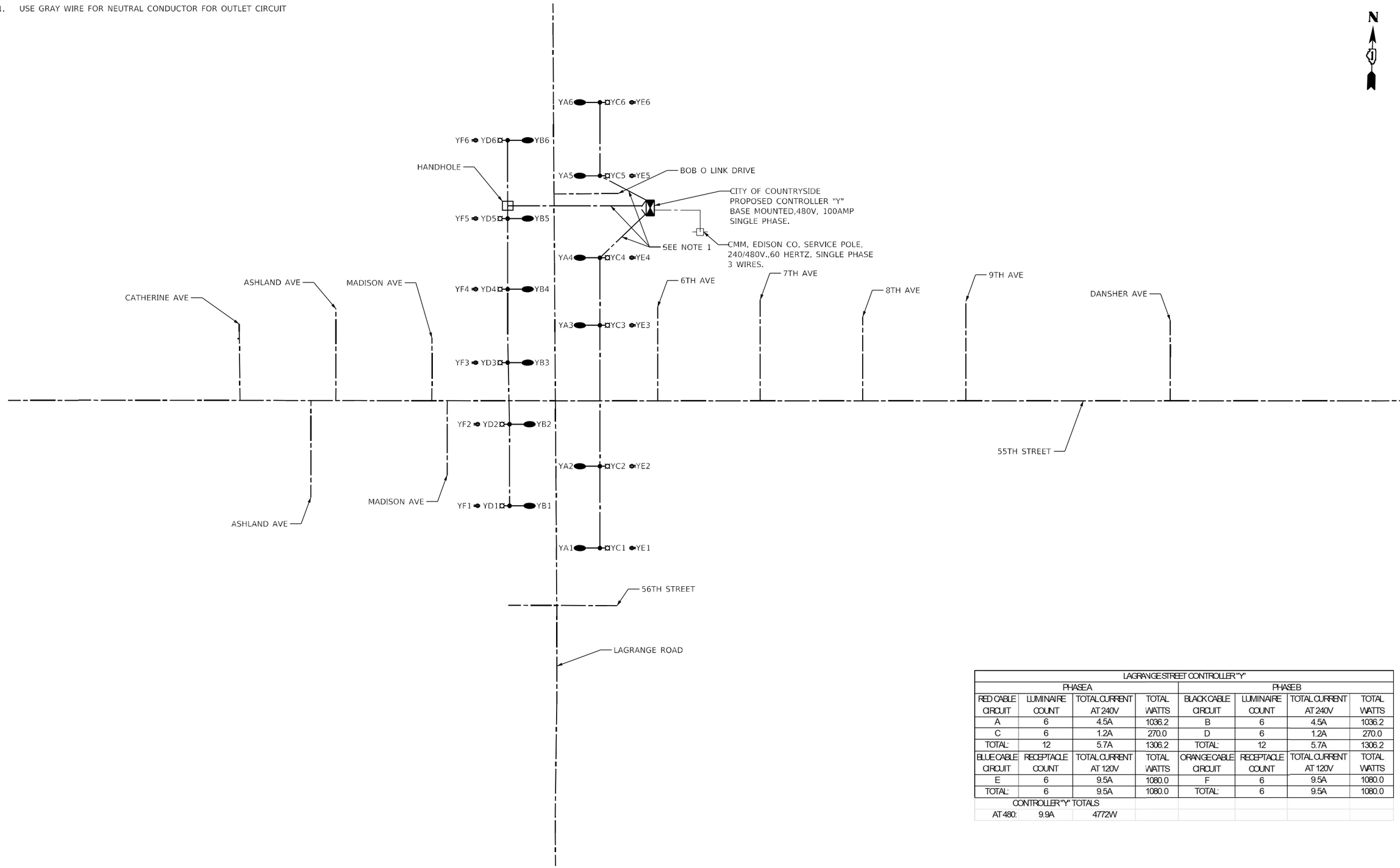
PROPOSED LIGHTING PLAN
SINGLE LINE DIAGRAM – 55TH STREET

SCALE: N.T.S. | SHEET 4 OF 6 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	191
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	

NOTES:

1. USE GRAY WIRE FOR NEUTRAL CONDUCTOR FOR OUTLET CIRCUIT



LAGRANGE STREET CONTROLLER "Y"							
PHASE A				PHASE B			
RED CABLE CIRCUIT	LUMINAIRE COUNT	TOTAL CURRENT AT 240V	TOTAL WATTS	BLACK CABLE CIRCUIT	LUMINAIRE COUNT	TOTAL CURRENT AT 240V	TOTAL WATTS
A	6	4.5A	1036.2	B	6	4.5A	1036.2
C	6	1.2A	270.0	D	6	1.2A	270.0
TOTAL:	12	5.7A	1306.2	TOTAL:	12	5.7A	1306.2
BLUE CABLE CIRCUIT	RECEPTACLE COUNT	TOTAL CURRENT AT 120V	TOTAL WATTS	ORANGE CABLE CIRCUIT	RECEPTACLE COUNT	TOTAL CURRENT AT 120V	TOTAL WATTS
E	6	9.5A	1080.0	F	6	9.5A	1080.0
TOTAL:	6	9.5A	1080.0	TOTAL:	6	9.5A	1080.0
CONTROLLER "Y" TOTALS							
AT 480:	9.9A	4772W					

MODEL: Default
FILE NAME: 121166-sht-light-or-05.dgn

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	DRAWN - LNK	REVISED -	
PLOT SCALE = 300.0000 ' / in.	CHECKED - JMO	REVISED -	
PLOT DATE = 8/2/2024	DATE - 8/2/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

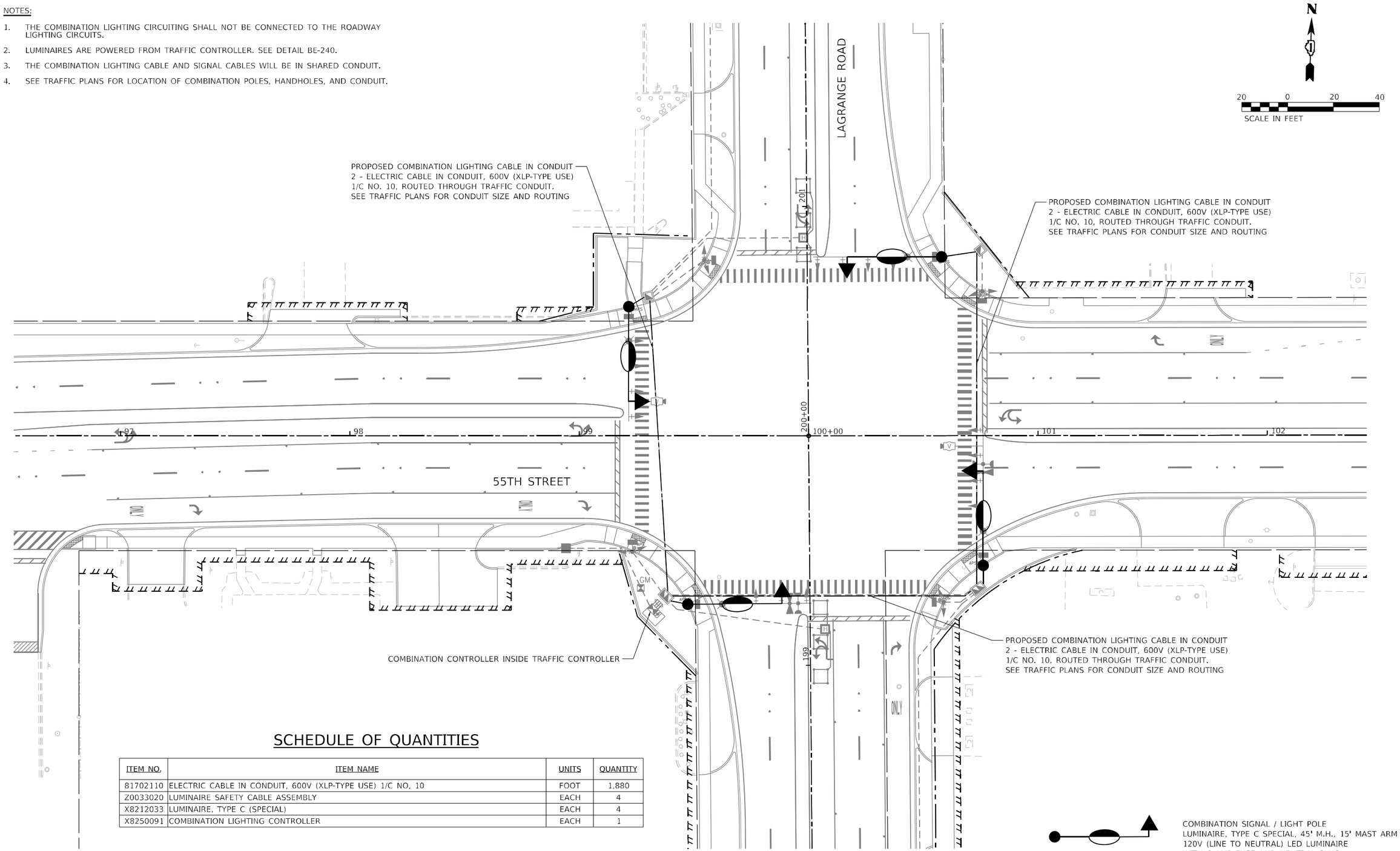
PROPOSED LIGHTING PLAN
SINGLE LINE DIAGRAM – US ROUTE 12/20/45 (LAGRANGE ROAD)

SCALE: N.T.S. | SHEET 5 OF 6 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	192
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	

NOTES:

1. THE COMBINATION LIGHTING CIRCUITING SHALL NOT BE CONNECTED TO THE ROADWAY LIGHTING CIRCUITS.
2. LUMINAIRES ARE POWERED FROM TRAFFIC CONTROLLER. SEE DETAIL BE-240.
3. THE COMBINATION LIGHTING CABLE AND SIGNAL CABLES WILL BE IN SHARED CONDUIT.
4. SEE TRAFFIC PLANS FOR LOCATION OF COMBINATION POLES, HANDHOLES, AND CONDUIT.



SCHEDULE OF QUANTITIES

ITEM NO.	ITEM NAME	UNITS	QUANTITY
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1,880
Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	4
X8212033	LUMINAIRE, TYPE C (SPECIAL)	EACH	4
X8250091	COMBINATION LIGHTING CONTROLLER	EACH	1

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745 McClintock Drive
Suite 210
Burr Ridge, IL 60527
Ph. 773-685-4768
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USER NAME = kongelo	DESIGNED - BNS	REVISED -	
	DRAWN - HTS	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - BH	REVISED -	
PLOT DATE = 9/18/2024	DATE - 9/18/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING COMBINATION POLE PLAN
55TH STREET AND US ROUTE 12/20/45 (LAGRANGE ROAD)

SCALE: 1" = 20' | SHEET 6 OF 6 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	193
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

MODEL: Default
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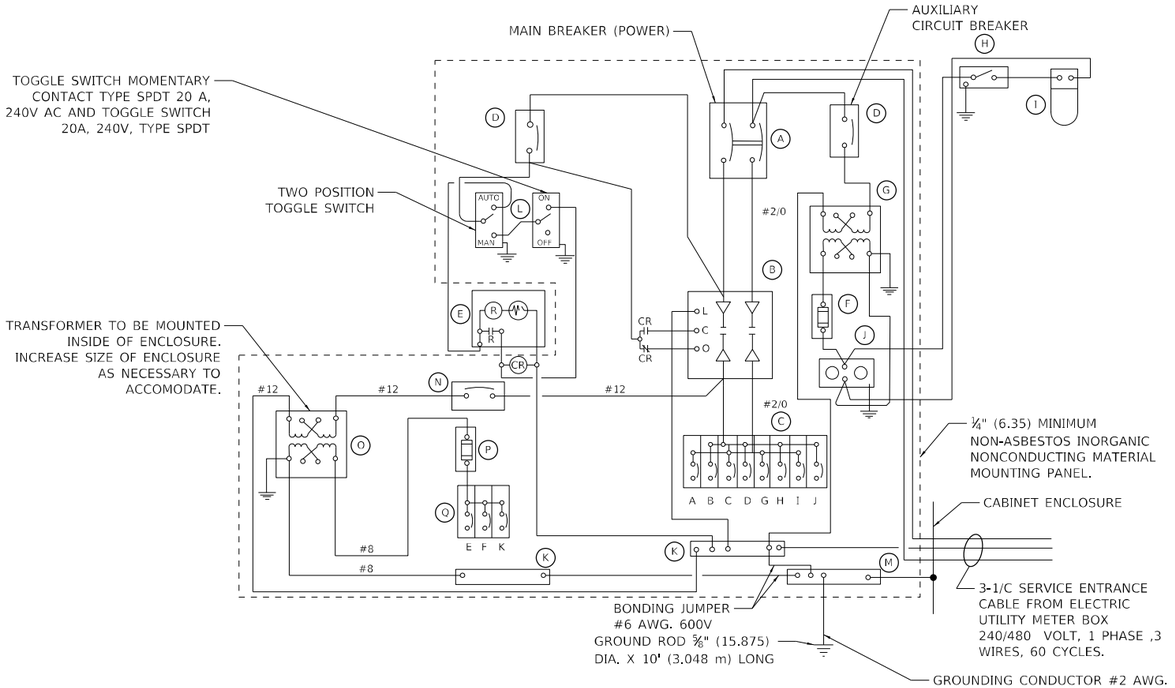

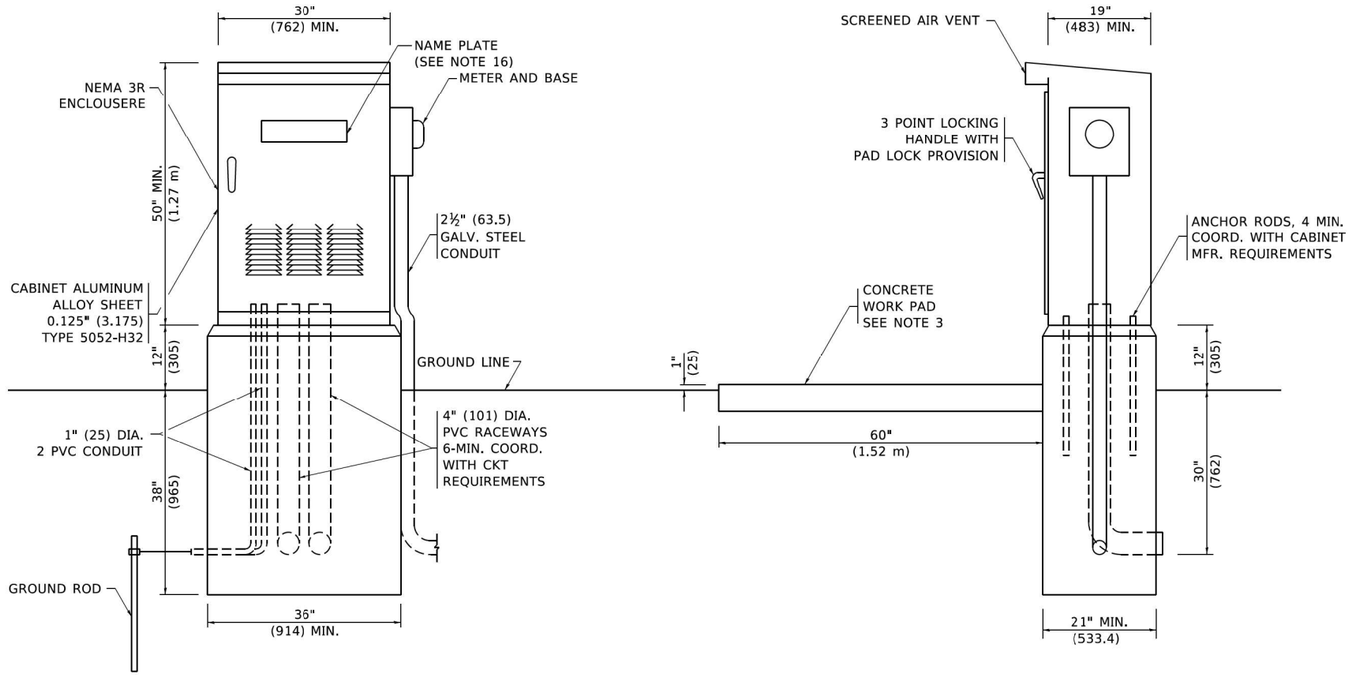

PANEL EQUIPMENT

BILL OF MATERIAL

ITEM	QUANTITY	DESCRIPTION
A	1	MAIN CIRCUIT BREAKER, 2 POLE, 600 VOLT 100 AMP. FRAME, 100 AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-22000 AMP. AT 480 VOLT.
B	1	REMOTE CONTROL SWITCH, ELECTRICALLY OPERATED, MECHANICALLY HELD, 2 POLE, SINGLE THROW, 100 AMP., 600 VOLTS CONTROL CIRCUIT 240 VOLT.
C	8	CIRCUIT BREAKERS, 1 POLE, 100AMP. FRAME, 50 AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-10,000 AMP. AT 240 V.
D	2	CONTROL CIRCUIT-CIRCUIT BREAKER. 1 POLE, 240 V., 100 AMP. FRAME, 15 AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-5000 AMP. AT 240 V.
E	1	240V PHOTOCELL
F	1	20 AMP, 120 VOLT FUSE.
G	1	1.5 KVA, SINGLE PHASE, ENCAPSULATED TRANSFORMER 240 X 480 / 120 X 240 VOLT, 60 Hz.
H	1	SPST 20A SWITCH ON DOOR, TO TURN LIGHT ON WHEN DOOR IS OPEN
I	1	INCANDESCENT LIGHTING FIXTURE ENCLOSED AND GASKETED WITH 60 WATT, 120 V. LAMP.
J	1	20 AMP, 120 VOLT, DUPLEX RECEPTACLE, GFCI
K	1	COPPER GROUND BUS 1#4" (6.35) X 1" (25.4) X 12" (304.8) mm) LONG MOUNTED ON PANEL WITH LUGS AND 4 SPARE LUGS
L	1	TOGGLE SWITCHES MOUNTED IN 4" (101.6) X 4" (101.6 mm) BOX.
M	1	COPPER GROUND BUS 1#4 (6.35) X 1" (25.4) X 12" (304.8 mm) LONG MOUNTED ON PANEL WITH LUGS AND SPARE LUGS.
N	1	CIRCUIT BREAKER. 1 POLE, 240 V., 100 AMP. FRAME, 20 AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-5000 AMP. AT 240 V.
O	1	3 KVA, SINGLE PHASE, ENCAPSULATED TRANSFORMER 240 X 480 / 120 X 240 VOLT, 60 Hz.
P	1	35 AMP, 120 VOLT FUSE.
Q	3	CIRCUIT BREAKERS, 1 POLE, 100AMP. FRAME, 50 AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-10,000 AMP. AT 120 V.

NOTES

1. ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
2. FOUNDATION SIZE SHALL BE COORDINATED WITH CABINET SIZE AND MFR.
3. IN FRONT OF CONTROL CABINET DOOR, REMOVE VEGETATION AND 2" (50.8 mm) TOPSOIL, LEVEL THE AREA AND ON TOP, PLACE LENGTH WISE PARALLEL TO CONTROL CABINET, A CONCRETE PAD 36" (914.4 mm) x 60" (18.288 m) x 4" (101 mm) MIN. SIZE. THE COST OF LABOR AND MATERIALS ARE INCLUDED IN THE COST OF THE CONTROLLER.
4. DOOR SHALL BE CONSTRUCTED FROM SAME TYPE OF MATERIAL AND THICKNESS AS CABINET.
5. DOOR SHALL BE EQUIPPED WITH THREE POINT LATCHING MECHANISM WITH NYLON ROLLERS AT TOP THE BOTTOM.
6. DOOR HINGE SHALL BE A HEAVY GAUGE CONTINUOUS HINGE WITH A 1#4" (6.35 mm) DIA. STAINLESS STELL HINGE PIN.
7. ALL EXTERNAL HARDWARE SHALL BE STAINLESS STEEL.
8. CONTROL WIRING TO BE #12 AWG, 600V, TYPE "SIS" GRAY SWITCH BOARD WIRE, STRANDED COPPER.
9. METER BOX SHALL BE MOUNTED ON THE SIDE OF CONTROL CABINET, NEAR TO THE SERVICE POLE.
10. CABINET SHALL HAVE A NATURAL ALUMINUM FINISH.
11. THE HEADS OF CONNECTORS SCREWS SHALL BE PAINTED WHITE FOR NEUTRAL BAR CONNECTION AND GREEN FOR GROUND BAR CONNECTORS.
12. ALL WIRING WITHIN THE CABINET SHALL BE COLOR CODED AS INDICATED.
    R = RED BL - BLUE W = WHITE
    B = BLACK Y = YELLOW G = GREEN
13. PROVIDE SEALING GROMMETS FOR ALL OPEN WIRING EXTENDED FROM DEVICES IN BOXES OR CABINETS WITHIN THE CONTROL CABINET.
14. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.
15. THE CONTROLLER SHALL BE CONSTRUCTED TO U.L. STD. 508 AND BEAR THE U.L. LABEL "ENCLOSED INDUSTRIAL CONTROL PANEL".
16. 12" (304.8) X 16" (406.4 mm) STAINLESS STEEL EXTERIOR NAMEPLATE SHALL BE ENGRAVED TO "CITY OF COUNTRYSIDE - STREET LIGHTING".

ABNA DESIGN FIRM REG. 184001117
745 McClintock Drive Suite 210 Burr Ridge, IL 60527 Ph. 773-681-4766 www.abnacorp.com

USER NAME = lkongelo	DESIGNED - FPE	REVISED -	
	DRAWN - LNK	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JMO	REVISED -	
PLOT DATE = 8/2/2024	DATE - 8/2/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LAGRANGE ROAD LIGHTING CONTROLLER SINGLE DOOR DETAIL

SCALE: N.T.S. | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	194
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	

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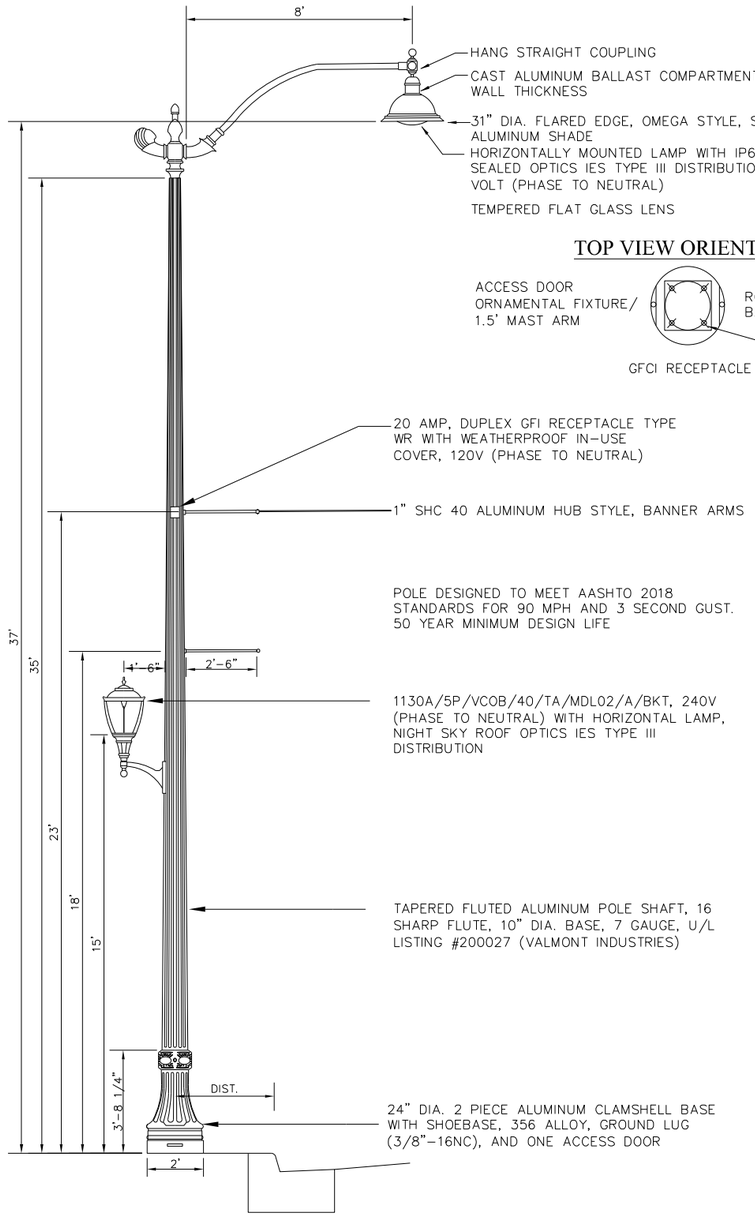


TOP VIEW ORIENTATION



ANCHOR BOLT BASE PLATE TO BE 1.25" THICK

SETBACK DISTANCES FOUND ON THE PLAN SHEETS ARE MEASURED FROM THE FACE OF CURB TO THE CENTER OF THE POLE, AS SHOWN ABOVE.

MODEL: Default
FILE NAME: I:\2166-ath-light-det-01.dgn

ABNA DESIGN FIRM REG. 184.005117
745 McClintock Drive
Suite 210
Burr Ridge, IL 60527
Ph. 773-681-4788
www.abnacorp.com

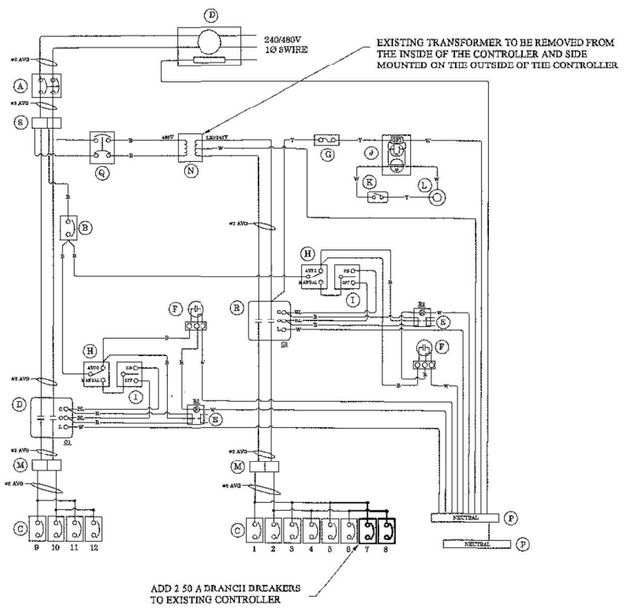
USER NAME = kongalo	DESIGNED - FPE	REVISED -
	DRAWN - LNK	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED - JMO	REVISED -
PLOT DATE = 8/2/2024	DATE - 8/2/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LAGRANGE ROAD DECORATIVE LIGHT POLE DETAIL

SCALE: N.T.S. | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	195
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		



PANEL EQUIPMENT

EXISTING BILL OF MATERIAL

ITEM	EXISTING QUANTITY	MODIFIED QUANTITY	DESCRIPTION
A	1	1	SQ.D. FAL24100 2P/100A MAIN BREAKER
B	1	1	SQ.D. FAL14015 1P/15A CTRL/AUX BREAKER
C	10	12	SQ.D. FAL140500 1P/50A BRANCH BREAKER
D	1	1	SQ.D. 8903PBQ10V03 240V COIL CONTACTOR
E	2	2	SQ.D. RPF-2BP7 RELAY
F	2	2	FISHER PIERCE FPFA105M PHOTOCELL
G	1	1	FERRAZ ATM-20 20A FUSE WITH HOLDER
H	2	2	LEVITON CSB3-20 3-WAY TOGGLE SWITCH
I	2	2	LEVITON 1257 MOMENTARY SWITCH
J	1	1	HUBBEL GF20IL 20A RECPT.
K	1	1	MICRO BA-2RQ1-A2 DOOR SWITCH
L	1	1	RAB VX100DG CABINET LIGHT
M	2	2	FERRAZ 67562 SPLICE BLOCK
N	1	1	JEFFERSON 411-0161-000 15KA XFORMER
O	1	1	MILLBANK U8949-KL-TG-KK METER FITTING
P	2	2	12 x 1 x 1/4 GROUND/NEUTRAL BUS
Q	1	1	SQ.D. FAL24030 2P/30A BREAKER
R	1	1	SQ.D. 8903SQO10V03 240V COIL CONTACTOR
S	1	1	FERRAZ 67412 SPLICE BLOCK

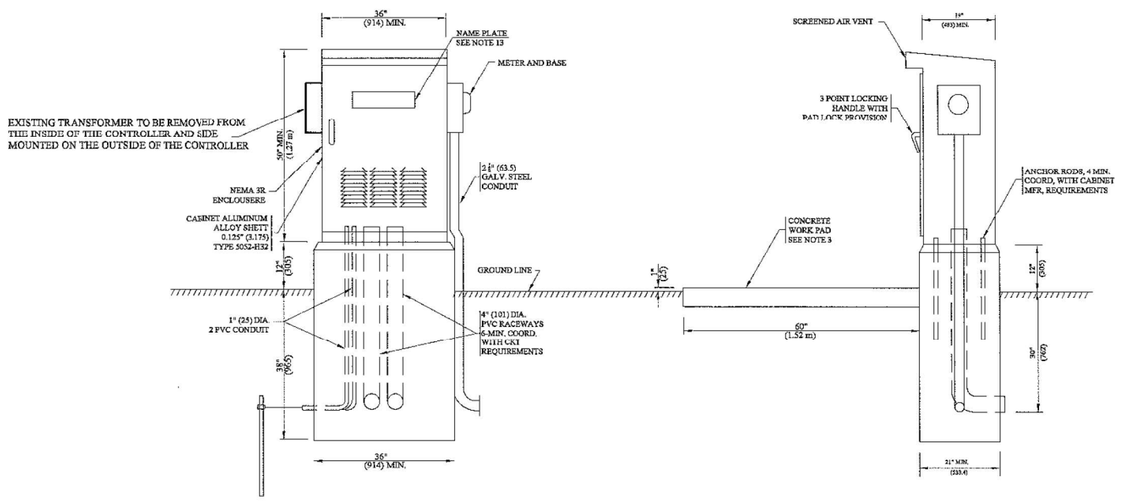
NOTES:

1. ALL POWER WIRING IS RHH/RHW
2. ALL CONTROL WIRING IS #12 MTW
3. WIRE COLORS
   BL = BLUE
   W = WHITE
   B = BLACK
   R = RED
   Y = YELLOW

FOR INFORMATION ONLY

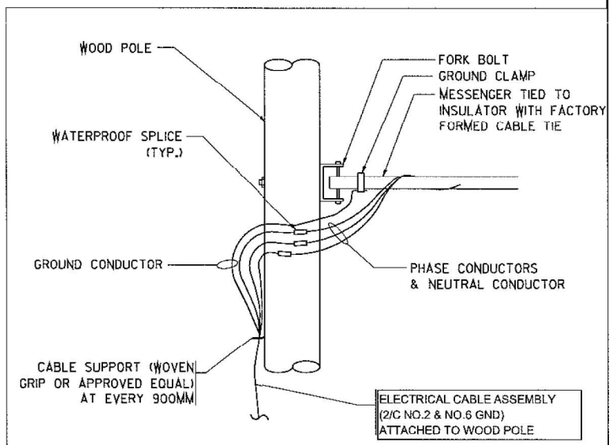
Circuit	Description	Total Wattage	Future Wattage
1	SE SL	5616W	4608W
2	SW SL	3888W	5184W
3	NW SL	4968W	4032W
4	NE SL	3456W	4608W
5	58th/56th DL	5652W	5652W
6	59th/57th DL	6936W	4632W
7	Spare	0	0
8	Spare	0	0
9	SE Outlets	1440W	1440W
10	SW Outlets	1620W	1620W
11	NW Outlets	1080W	1260W
12	NE Outlets	1080W	1440W
	Total	35,736W	34,476W

LUMINAIRE SCHEDULE		
LIGHTING FIXTURE	WATTAGE	DESCRIPTION
P1	400W	240V. 400W HPS ED-18 BULB, MOGAL BASE, DECORAIVE CAST ALUMINUM DOME, IES TYPE III CUT-OFF LUMINAIRE, HPF BALLAST IN A ROUND HOUSING WITH A WATERTIGHT GROMMET.
P1	50W	240V. 50W HPS ED-23 BULB, MOGAL BASE, DECORATIVE CAST ALUMINUM HOOD, IES TYPE III CUT-OFF LUMINAIRE, HPF BALLAST IN A ROUND HOUSING WITH A WATERTIGHT GROMMET.
M1	45W	IN GRADE METAL HALIDE FIXTURE WATERPROOF CONSTRUCTION.
M2	45W	LANDSCAPE METAL HALIDE FIXTURE.
M3	130W	GASKETED METAL HALIDE MOUNTED IN PYLON. APPLETON #LPAL1010-120
GFCI	180W	GROUND FAULT CURRENT INTERRUPTER OUTLET
LCP1	1000W	DECORATIVE LIGHTING CONTROL PANEL - TYPE I
LCP2	2000W	DECORATIVE LIGHTING CONTROL PANEL - TYPE I



NOTES:

1. ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN
2. DOOR IS CONSTRUCTED FROM SAME TYPE OF MATERIAL AND THICKNESS AS CABINET.
3. DOOR IS EQUIPPED WITH THREE POINT LATCHING MECHANISM WITH NYLON ROLLERS AT TOP AND THE BOTTOM.
4. DOOR HINGE IS A HEAVY GAUGE CONTINUIUS HINGE WITH A ¼" (6.35 mm) DIA. STAINLESS STEEL HINGE PIN.
5. ALL EXTERNAL HARDWARE IS STAINLESS STEEL.
6. CONTROL WIRING IS #12 AWG, 600V. TYPE "SIS" GRAY SWITCH BOARD WIRE, STRANDED COPPER.
7. METER BOX IS MOUNTED ON THE SIDE OF CONTROL CABINET, NEAR TO THE SERVICE POLE.
8. THE HEADS OF CONNECTORS SCREWS IS PAINTED WHITE FOR NEUTRAL BAR CONNECTION AND GREEN FOR GROUND BAR CONNECTORS.
9. ALL WIRING WITHIN THE CABINET IS COLOR CODED AS INDICATED.
   R = RED BL = BLUE W = WHITE
   B = BLACK Y = YELLOW G = GREEN
10. PROVIDE SEALING GROMMETS FOR ALL OPEN WIRING EXTENDED FROM DEVICES IN BOXES OR CABINETS WITHIN THE CONTOL CABINT.
11. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED
12. THE CONTROLLER IS CONSTRUCTED TO U.L. STD. 508 AND BEAR THE U.L. LABEL "ENCLOSED INDUSTRIAL CONTROL PANEL".
13. 12" (304.8) X 16" (406.4 mm) STAINLESS STEEL EXTERIOR NAMEPLATE IS ENGRAVED TO "CITY OF COUNTRYSIDE LIGHTING CONROLS" UNLESS OTHERWISE SPECIFIED.
14. PHOTOCELL IS PROVIDED IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SECTION 1068.01 (e) (2) "PHOTOCELL"



AERIAL CABLE CONNECTION DETAIL
N.T.S.

Civil Engineers
Frank Novotny & Associates, Inc.
825 Midway Drive ◆ Willowbrook, IL ◆ 60527 ◆ Telephone: (630) 887-8640 ◆ Fax: (630) 887-0132
Illinois Professional Design Firm No. 184-000928

PROJECT
CITY OF COUNTRYSIDE, ILLINOIS
LAGRANGE ROAD STREET LIGHTING - PHASE 2
ILLINOIS D.C.E.O. GRANT #11-203086

REVISIONS

NO.	BY	DATE	DESCRIPTION
1	BAH	3/23/12	PER IDOT REVIEW COMMENTS (2/24/12)
2	BAH	5/14/12	PER IDOT REVIEW COMMENTS (5/09/12)

MODIFY EXISTING CONTROLLER DETAILS STREET LIGHTING CONSTRUCTION DETAILS

PROJECT NO. 10317	SCALE AS NOTED	SHEET 9 OF 17 SHEETS
DRAWN/DESIGNED BAH/BAH	DATE JANUARY, 2012	
CHECKED/APPROVED JEF/JEF	FIELD BOOK NO. FILE	

MODEL: Default
FILE NAME: 12-166-tnl-light-det-02.dgn

ABNA DESIGN FIRM REG. 184.000117
745 McClintock Drive Suite 210 Burr Ridge, IL 60527 Ph. 773-583-4750 www.abnacorp.com

USER NAME = kongelo	DESIGNED - FPE	REVISED -	
	DRAWN - LNK	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - JMO	REVISED -	
PLOT DATE = 8/2/2024	DATE - 8/2/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING LAGRANGE ROAD ROADWAY LIGHTING DETAILS

SCALE: N.T.S. | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	196
		CONTRACT NO. 60R50		
	ILLINOIS FED. AID PROJECT			

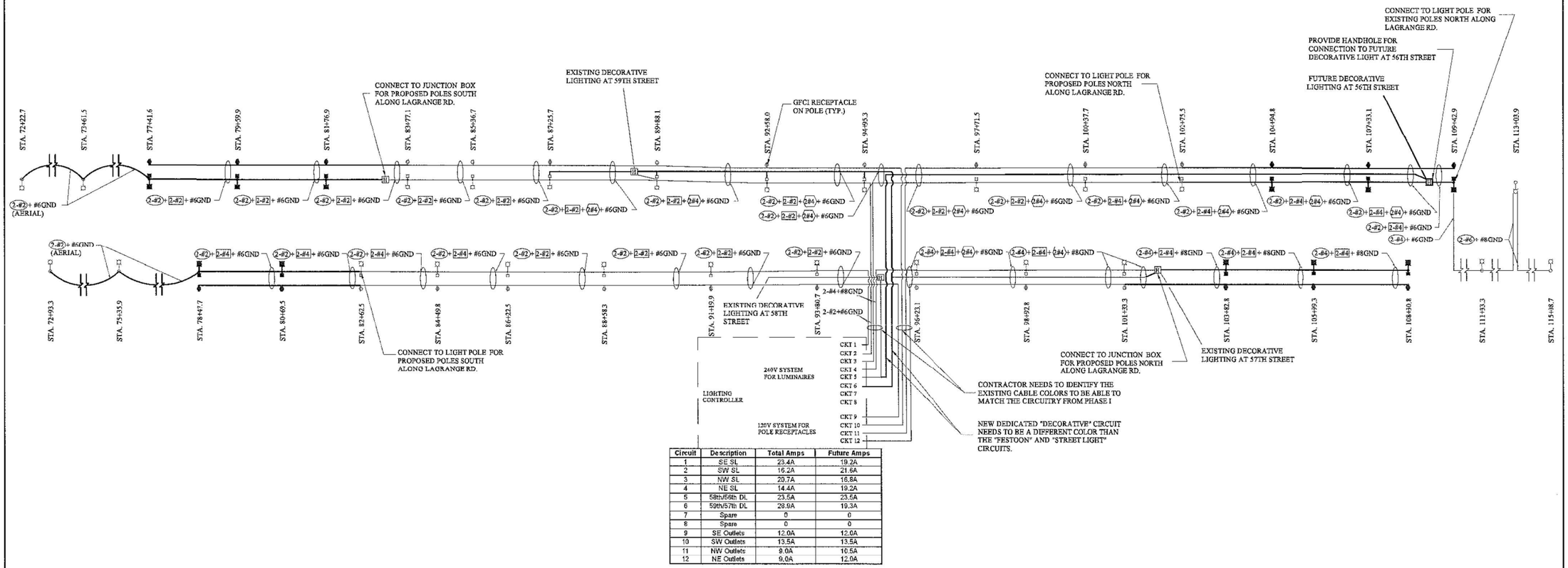
WIRE DEFINTION

(2-#2)+[2-#4]+(2-#4)+ #6GND

STREET LIGHT CIRCUIT

FESTOON OUTLET CIRCUIT

DECORATIVE LIGHT CIRCUIT



Circuit	Description	Total Amps	Future Amps
1	SE SL	23.4A	19.2A
2	SW SL	16.2A	21.6A
3	NW SL	20.7A	16.8A
4	NE SL	14.4A	19.2A
5	58th/56th DL	23.5A	23.5A
6	59th/57th DL	28.9A	19.3A
7	Spare	0	0
8	Spare	0	0
9	SE Outlets	12.0A	12.0A
10	SW Outlets	13.5A	13.5A
11	NW Outlets	9.0A	10.5A
12	NE Outlets	9.0A	12.0A

FOR INFORMATION ONLY

Frank Novotny & Associates, Inc.
Civil Engineers
825 Midway Drive ◆ Willowbrook, IL ◆ 60527 ◆ Telephone: (630) 887-8640 ◆ Fax: (630) 887-0132
Illinois Professional Design Firm No. 184-000928

PROJECT
CITY OF COUNTRYSIDE, ILLINOIS
LAGRANGE ROAD STREET LIGHTING - PHASE 2
ILLINOIS D.C.E.O. GRANT #11-203086

REVISIONS

NO.	BY	DATE	DESCRIPTION
1	BAH	3/23/12	PER IDOT REVIEW COMMENTS (2/24/12)
2	BAH	5/14/12	PER IDOT REVIEW COMMENTS (5/09/12)

SINGLE LINE DIAGRAM

PROJECT NO.	10317
DRAWN/DESIGNED	BAH/BAH
CHECKED/APPROVED	JEF/JEF
SCALE	1"=120'
DATE	JANUARY, 2012
FIELD BOOK NO.	FILE

SHEET 10 OF 17 SHEETS

ABNA DESIGN FIRM REG. 184.001117
745 McClintock Drive Suite 210 Burr Ridge, IL 60527 Ph. 773-681-4750 www.abnacorp.com

USER NAME = lkongelo		DESIGNED - FPE		REVISED -	
		DRAWN - LNK		REVISED -	
PLOT SCALE = 2.0000 ' / in.		CHECKED - JMO		REVISED -	
PLOT DATE = 8/2/2024		DATE - 8/2/2024		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING LAGRANGE ROAD ROADWAY LIGHTING DETAILS

SCALE: N.T.S. | SHEET 2 OF 2 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	197
		CONTRACT NO. 60R50		
	ILLINOIS FED. AID PROJECT			

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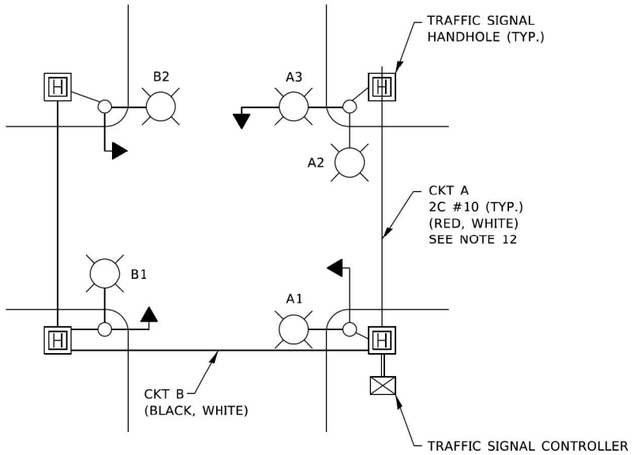
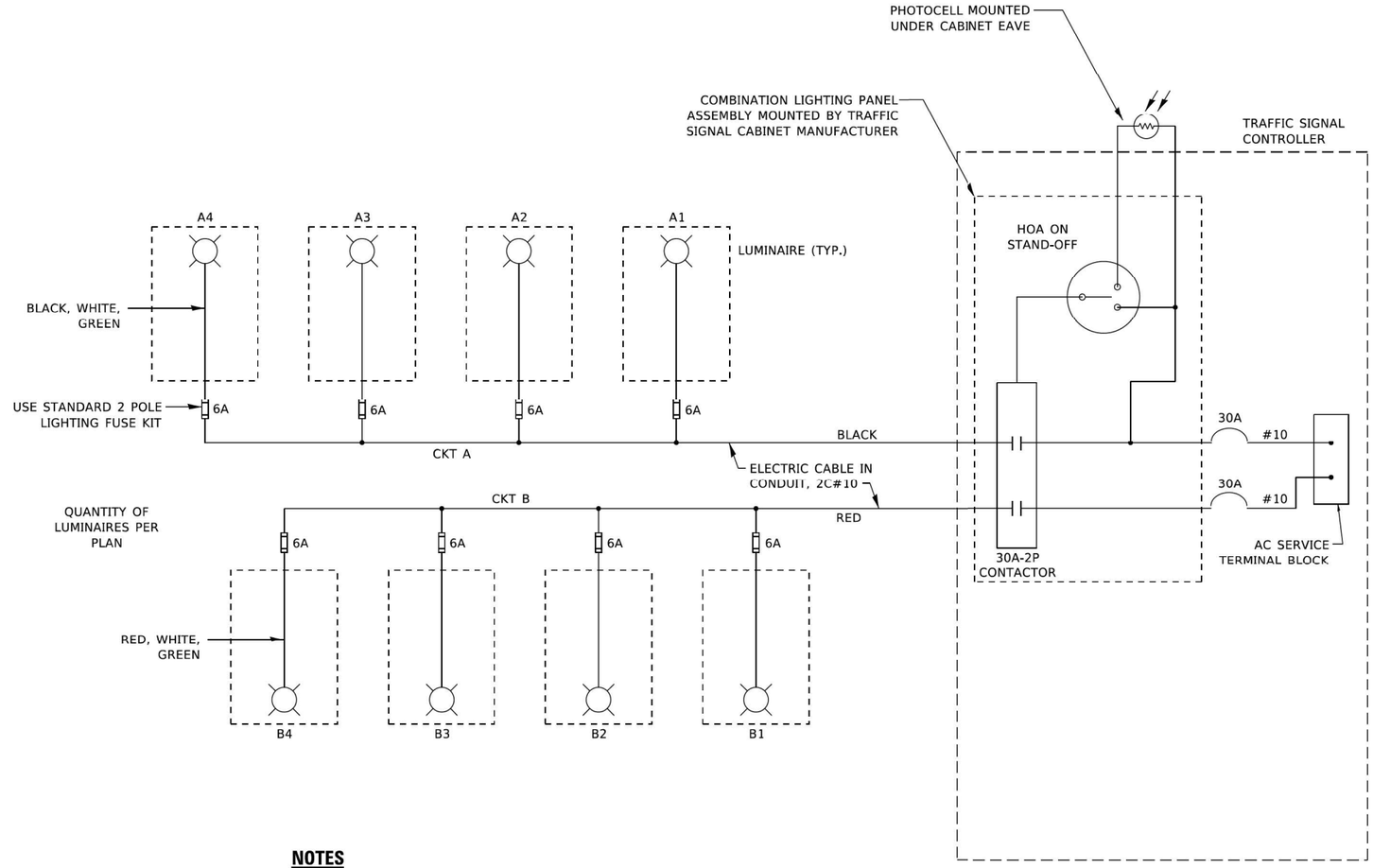
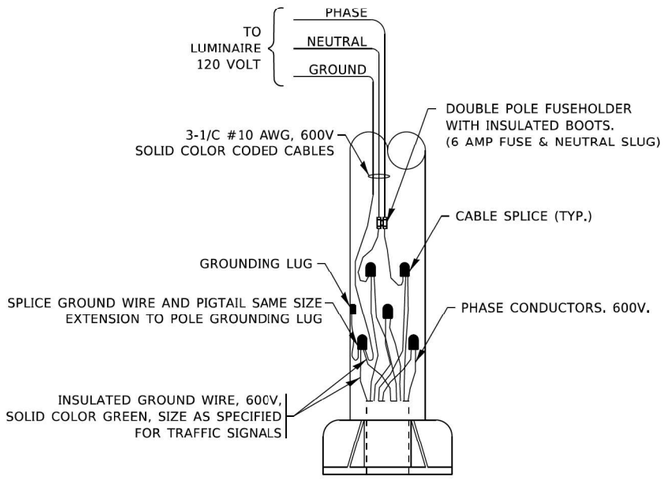


TYPICAL LIGHTING CIRCUIT

(NOT TO SCALE)





COMBINATION POLE WIRING DETAIL

(NOT TO SCALE)

NOTES

1. 4 LUMINAIRES PER CIRCUIT, MAXIMUM.
2. TWO #10 (XLP-TYPE USE) CABLES TO BE USED FOR LIGHTING CIRCUITS.
3. ROUTE LIGHTING CIRCUITS IN TRAFFIC SIGNAL CONDUIT SYSTEM.
4. ALL SPLICES AND CONNECTIONS FOR ROADWAY LIGHTING SHALL BE AT POLE BASE ONLY.
5. FOR LIGHTING CIRCUITS, CONNECT TWO CIRCUIT BREAKERS TO AC SERVICE TERMINAL BLOCK.
6. ALL WIRING SHALL BE NEATLY DRESSED, IDENTIFIED BY TAGS, AND SUPPORTED. (UNDERGROUND SPLICING OF LIGHTING CONDUCTORS IS NOT PERMITTED).
7. THE H.O.A. SWITCH SHALL BE LABELED AS "LIGHTING CONTROL" WITH THE POSITIONS "AUTO", "OFF" AND "TEST" WITH ENGRAVED NAME PLATES.
8. LIGHTING CONNECTED TO UPS BYPASS CIRCUIT.
9. COMBINATION LIGHTING MUST BE INSTALLED PRIOR TO SIGNAL TURN ON.
10. LUMINAIRE VOLTAGE SHALL BE 120V
11. POLE WIRING & FUSE KITS ARE INCLUDED IN THE LUMINAIRE PAY ITEM.
12. THE UNDERGROUND EQUIPMENT GROUND WIRE IS SHOWN IN THE TRAFFIC SIGNAL PLANS AND IS INCLUDED IN THE SIGNAL PLANS. IT IS SHARED GROUND BETWEEN SIGNALS AND LIGHTING.

MODEL: Default
FILE NAME: pw:\\dot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 1\Projects\Dist1Std22x34\CADData\CADsheets\be240.dgn

USER NAME = demanchelt	DESIGNED - RT	REVISED - T.G. 4/12/2017	
	DRAWN -	REVISED - R. TOMSONS 3/22/18	
PLOT SCALE = 100.0000 ' / In.	CHECKED - RT	REVISED - T.G. 8/03/2021	
PLOT DATE = 5/5/2022	DATE - 08/18/2014	REVISED - T.G. 5/05/2022	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

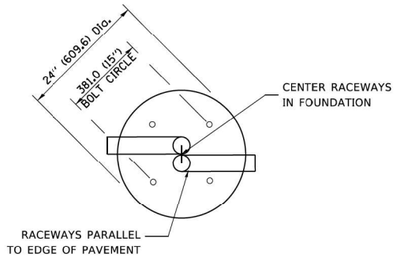
COMBINATION LIGHTING, TRAFFIC SIGNAL SCHEMATIC

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

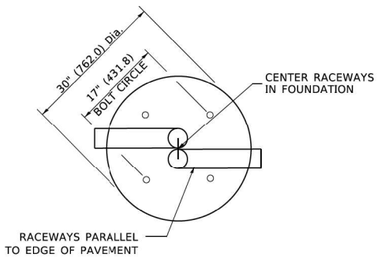
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	198
	BE-240	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

LIGHT POLE FOUNDATION DEPTH TABLE
40 FT. (12.192 m) TO 47.5 FT. (14.478 m) MOUNTING HEIGHT

SOIL CONDITIONS	DESIGN DEPTH "D" OF FOUNDATION	
	SINGLE ARM POLE	TWIN ARM POLE
SOFT CLAY Qu = 0.375 TON/SQ. FT.	13'-0" (3.96 m)	15'-0" (4.57 m)
MEDIUM CLAY Qu = 0.75 TON/SQ.FT	9'-6" (2.09 m)	10'-9" (3.23 m)
STIFF CLAY Qu = 1.50 TON/SQ. FT.	7'-0" (2.13 m)	8'-0" (2.44 m)
LOOSE SAND ∅ = 34°	9'-0" (2.74 m)	10'-0" (3.05 m)
MEDIUM SAND ∅ = 37.5°	8'-3" (2.52 m)	9'-0" (2.74 m)
DENSE SAND ∅ = 40°	7'-9" (2.36 m)	9'-0" (2.74 m)

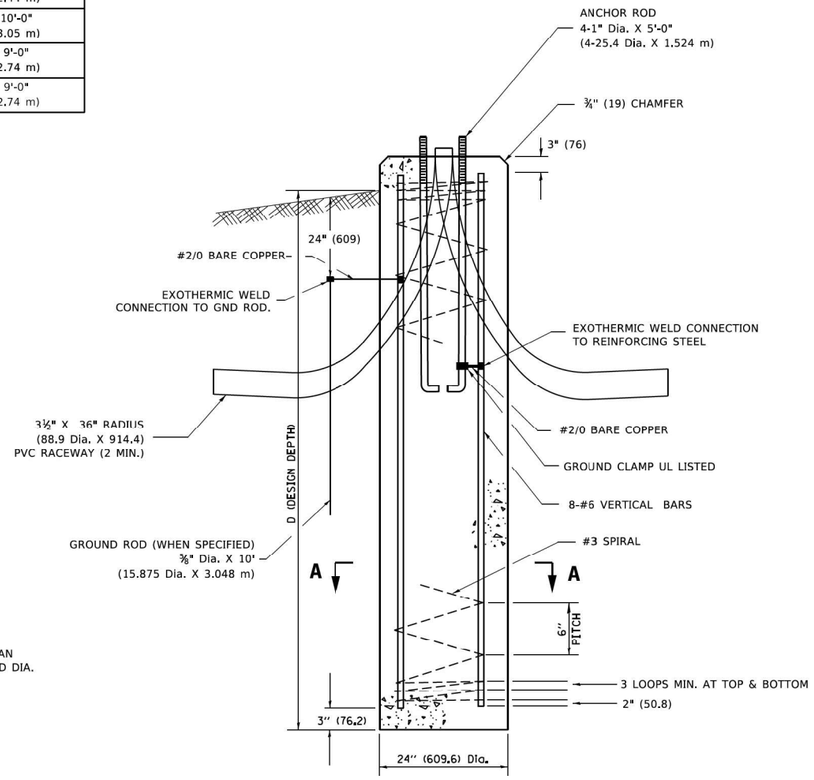


TOP VIEW



TOP VIEW

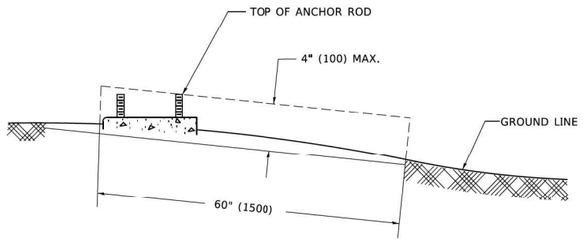
ANCHOR ROD DETAIL



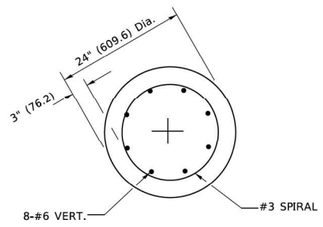
FOUNDATION DETAIL

NOTES

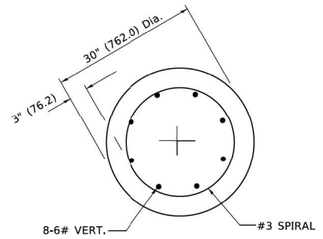
1. ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
2. THE ANCHOR RODS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IN PLACED.
3. THE FOUNDATION SHALL NOT PROTRUDE MORE THAN 100MM (4 IN.) ABOVE THE FINISHED GRADE WITHIN A 60 IN. (1.5 m) CHORD ACROSS THE FOUNDATION, WITH ANCHOR RODS INCLUDED, IN ACCORDANCE WITH AASHTO GUIDELINES. IF THE FOUNDATION HEIGHT, INCLUDING ANCHOR RODS, EXTENDS BEYOND THESE SPECIFIED LIMITS, THE FOUNDATION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. SEE FOUNDATION EXTENSION DETAIL.
4. THE HOLE FOR THE FOUNDATION SHALL BE MADE BY DRILLING WITH AN AUGER, OF THE SAME DIAMETER AS THE FOUNDATION. IF SOIL CONDITIONS REQUIRE THE USE OF A LINER TO FORM THE HOLE, THE LINER SHALL BE WITHDRAWN AS THE CONCRETE IS DEPOSITED.
5. THE TOP OF THE FOUNDATION SHALL BE CONSTRUCTED LEVEL. A LINER OR FORM SHALL BE USED TO PRODUCE A UNIFORM SMOOTH SIDE TO THE TOP OF THE FOUNDATION. FOUNDATION TOP SHALL BE CHAMFERED 3#4-IN. (20 mm).
6. THE CONCRETE SHALL BE CLASS SI. CONCRETE SHALL CURE ACCORDING TO ARTICLE 1020.13 BEFORE LIGHT POLES ARE INSTALLED.
7. THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE RADIUS OF THE HOOK BEND SHALL NOT BE LESS THAN 4 TIMES THE NOMINAL DIAMETER OF THE ANCHOR ROD. A TACK WELDED ANCHOR ROD MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER.
8. THE ANCHOR RODS SHALL BE ACCORDING TO ASTM F1554 GRADE 725 (GRADE 105). NUTS SHALL BE HEXAGON NUTS ACCORDING TO ASTM A 194 2H OR ASTM A 563 DH, AND WASHERS SHALL BE ACCORDING TO ASTM F 436.
9. ANCHOR RODS, NUTS AND WASHERS SHALL BE COMPLETELY GALVANIZED BY EITHER THE HOT-DIPPED PROCESS CONFORMING WITH AASHTO M 232, THE MECHANICAL PLATING METHOD CONFORMING TO AASHTO M 298, CLASS 50 WITH A MAXIMUM COATING THICKNESS OF 150 UM(6 MILS) OR THE ELECTROLYTIC PROCESS ACCORDING TO ASTM F 1135.
10. THE ANCHOR RODS SHALL BE THREADED A MINIMUM OF 6 INCHES (150 mm) WITH A MINIMUM OF 3 INCHES (75 mm) OF THREADED ANCHOR ROD EMBEDDED IN THE FOUNDATION.
11. ANCHOR RODS SHALL PROJECT 23#4" (69.9 mm) ABOVE THE TOP OF THE FOUNDATION. IF BREAKAWAY COUPLINGS ARE SPECIFIED, THE CONTRACTOR SHALL CAREFULLY COORDINATE THE ANCHOR ROD PROJECTION WITH THE INSTALLATION REQUIREMENTS OF THE BREAKAWAY COUPLINGS.
12. THE CONTRACTOR SHALL USE A #3 SPIRAL AT 6" (152.4 mm) PITCH OR MAY SUBSTITUTE #3 TIES AT 12" (304.8 mm) O.C. WITH THE APPROVAL OF THE ENGINEER.
13. THE CABLE TRENCHES AND FOUNDATION SHALL BE BACK FILLED AND COMPACTED AS SPECIFIED BEFORE THE LIGHT POLE IS ERECTED.
14. THE RACEWAYS SHALL PROJECT 1" (25.4 mm) ABOVE THE TOP OF THE FOUNDATION.



FOUNDATION EXTENSION DETAIL



SECTION A–A



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHT POLE FOUNDATION
40' (12.192 m) TO 47 1/2' (14.478 m) M.H. 15" (381 mm) BOLT CIRCLE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	BE-301	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

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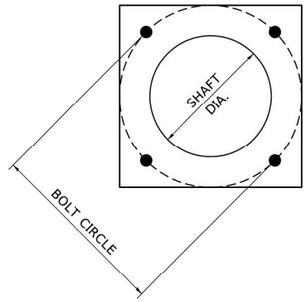

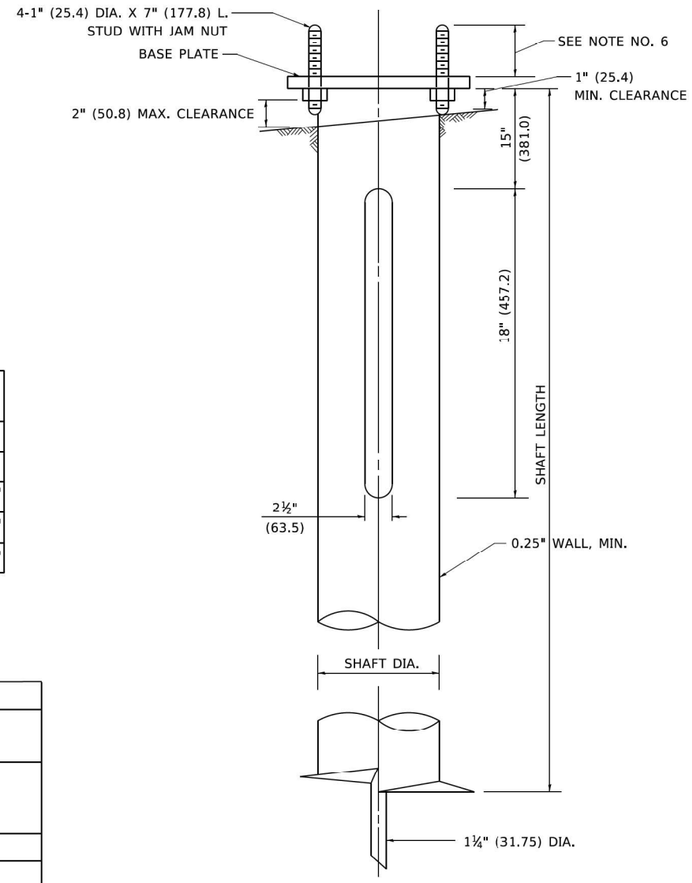

HELIX FOUNDATION SIZE

POLE MOUNTING HEIGHT	BOLT CIRCLE	SHAFT DIAMETER	SHAFT LENGTH	BASEPLATE
30 FT.	11½"	8⅝"	6 FT.	12"x12"x1"
31 FT.-35 FT.	11½"	8⅝"	6 FT.	12"x12"x1"
36 FT.-40FT.	15"	8⅝"	6 FT.	15"x15"x1¼"
41 FT.-45 FT.	15"	8⅝"	6 FT.	15"x15"x1¼"
46 FT.-50 FT.	15"	10"	8 FT.	15"x15"x1¼"

METAL HELIX FOUNDATION MATERIALS

ITEM	MATERIAL REQUIREMENT
BASEPLATE	AASHTO M 270M, GRADE 36 (M270M, GRADE 250)
SHAFT	ASTM A 252, GRADE 2 (PHOSPHOROUS 0.04% MAXIMUM, SULFUR 0.05% MAXIMUM)
HELIX SCREW	AASHTO M 183 (ASTM A 635)
PILOT POINT	AASHTO M 270 (ASTM A 575)
ANCHOR RODS/STUDS	AASHTO M 314 (ASTM F 1554)
HEXAGON NUTS	AASHTO M 291M (ASTM A 563) GRADE DH, OR AASHTO M 292 (ASTM A 194) GRADE 2H
WASHERS	AASHTO M 293 (ASTM F 436)

NOTES

1. ALL DIMENSION IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
2. ALL MATERIAL SHALL BE GALVINIZED ACCORDING TO AASHTO M111, UNLESS OTHERWISE SPECIFIED.
3. ALL WELDS SHALL BE CONTINUOUS AND NOT LESS THAN 1#4" (6.35 mm) FILLET WELDS. THE WELDED FOUNDATION SHALL BE CAPABLE OF WITHSTANDING 10,000 FT/LBS (13558.18 n.m) OF INSTALLATION TORQUE APPLIED ABOUT THE AXIS OF THE FOUNDATION.
4. THE HELIX FOUNDATION SHAFT SHALL BE INSTALLED VERTICAL AND THE BASE PLATE SHALL BE IN LEVEL. THE BREAKAWAY COUPLINGS AND HARDWARE SHALL NOT BE USED TO ALIGN THE POLE INSTALLATION.
5. THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE THE INSTALLATION OF THE LIGHT POLE.
6. THE CONTRACTOR SHALL COORDINATE EXTENSION OF ANCHOR BOLTS ABOVE TOP OF THE BASE PLATE WITH THE BREAKAWAY DEVICE MANUFACTURER'S REQUIREMENTS.
7. ANY VOIDS WITHIN THE METAL FOUNDATION SHALL BE FILLED WITH FINE AGGREGATE.
8. METAL FOUNDATIONS SHALL BE INSTALLED IN UNDISTURBED SOIL. PREDRILLING A PILOT HOLE AND/OR BACKFILLING AROUND THE FOUNDTION IS NOT ALLOWED.
9. THE METAL FOUNDATION SHALL NOT BE INSTALLED TO A TORQUE WHICH EXCEEDS THE MANUFACTURER'S MAXIMUM TORQUE RATING NOR SHALL IT BE INSTALLED TO AN INSTALLATION TORQUE VALUE OF LESS THAN 3,500 FT LB (4,750 KNM). METAL FOUNDATIONS THAT ARE NOT INSTALLED TO FULL INSTALLATION DEPTH OR DO NOT ACHIEVE THE MINIMUM INSTALLATION TORQUE SHALL BE REMOVED AND REPLACED WITH A CONCRETE FOUNDATION AT NO ADDITIONAL COST.
10. THE BASEPLATE SHALL BE PERPENDICULAR TO THE SHAFT AXIS (± 1°) AND THE HOLE CENTERLINE SHALL BE CONCENTRIC (± 0.188) TO THE SHAFT AXIS.
11. THE PILOT POINT AND SHAFT AXIS SHALL BE CONCENTRIC (± 0.125) AND IN LINE (± 2°).
12. THE BASEPLATE SHALL BE STAMPED WITH THE MANUFACTURERS NAME AND DATE OF MANUFACTURE.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHT POLE FOUNDATION, METAL

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	BE-305	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

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FOUNDATION DESIGN TABLE

TYPE OF SOIL	DESIGN DEPTH OF FOUNDATION		REINFORCEMENT IN FOUNDATION			
	SINGLE ARM D	TWIN ARM D	SINGLE ARM		TWIN ARM	
			VERT BARS	SPIRAL	VERT BARS	SPIRAL
SOFT CLAY	13'-0" (3.962 m)	15'-0" (4.572 m)	8-#6X12'-6" (3.810 m)	#3X122' (37.186 m)	8-#6X14'-3" (4.343 m)	#3X141' (42.977 m)
MEDIUM CLAY	9'-6" (2.896 m)	10'-9" (3.277 m)	8-#6X9'-0" (2.743 m)	#3X90' (27.432 m)	8-#6X10'-0" (3.048 m)	#3X100' (30.480 m)
STIFF CLAY	7'-0" (2.134 m)	8'-0" (2.438 m)	8-#6X6'-6" (1.981 m)	#3X66' (20.112 m)	8-#6X7'-6" (2.286 m)	#3X76' (23.165 m)
LOOSE SAND	9'-0" (2.743 m)	10'-0" (3.048 m)	8-#6X8'-6" (2.591 m)	#3X85' (25.908 m)	8-#6X9'-6" (2.896 m)	#3X94' (28.651 m)
MEDIUM SAND	8'-3" (2.515 m)	9'-0" (2.743 m)	8-#6X8'-0" (2.438 m)	#3X78' (23.774 m)	8-#6X8'-6" (2.591 m)	#3X85' (25.908 m)
DENSE SAND	7'-9" (2.362 m)	9'-0" (2.743 m)	8-#6X7'-6" (2.286 m)	#3X73' (22.250 m)	8-#6X8'-6" (2.591 m)	#3X85' (25.908 m)
ROCK OR SOLIDIFIED SLAG	5'-0" (1.524 m)	5'-0" (1.524 m)	NONE	NONE	NONE	NONE

BILL OF MATERIAL

MARK	NO.	SIZE	LENGTH	SHAPE
a	10	6	SEE BELOW	—
s	12	4	8'-0" (2.438 m)	□
s_1	3	3	7'-6" (2.286 m)	□
v_1	8	6	2'-9" (0.838 m)	—
v_2				

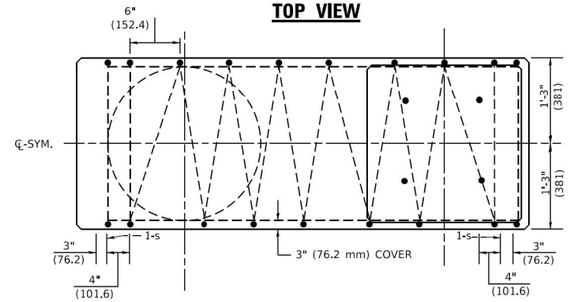
OFFSET SCHEDULE

SEWER DIAM. d IN.	PILE OFFSET from ℄-MED'N FT.	LENGTH of BAR a FT.
UP TO 24" (609.6 mm)	3'-3" (0.991 m)	#6 x 5'-3" (1.600 m)
27" (685.8 m)TO 36" (914.4 mm)	3'-9" (1.143 m)	5'-9" (1.753 m)
42" (1066.8 mm) TO 48" (1219.2 mm)	4'-6" (1.372 m)	6'-6" (1.981 m)
54" (1371.6 mm) TO 60" (1524.0 mm)	5'-0" (1.524 m)	7'-0" (2.134 m)
66" (1676.4 mm) TO 72" (1828.8 mm)	5'-6" (1.676 m)	7'-6" (2.286 m)

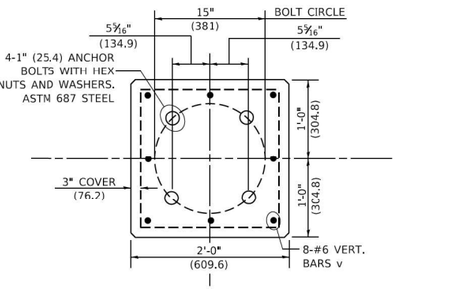
NOTES

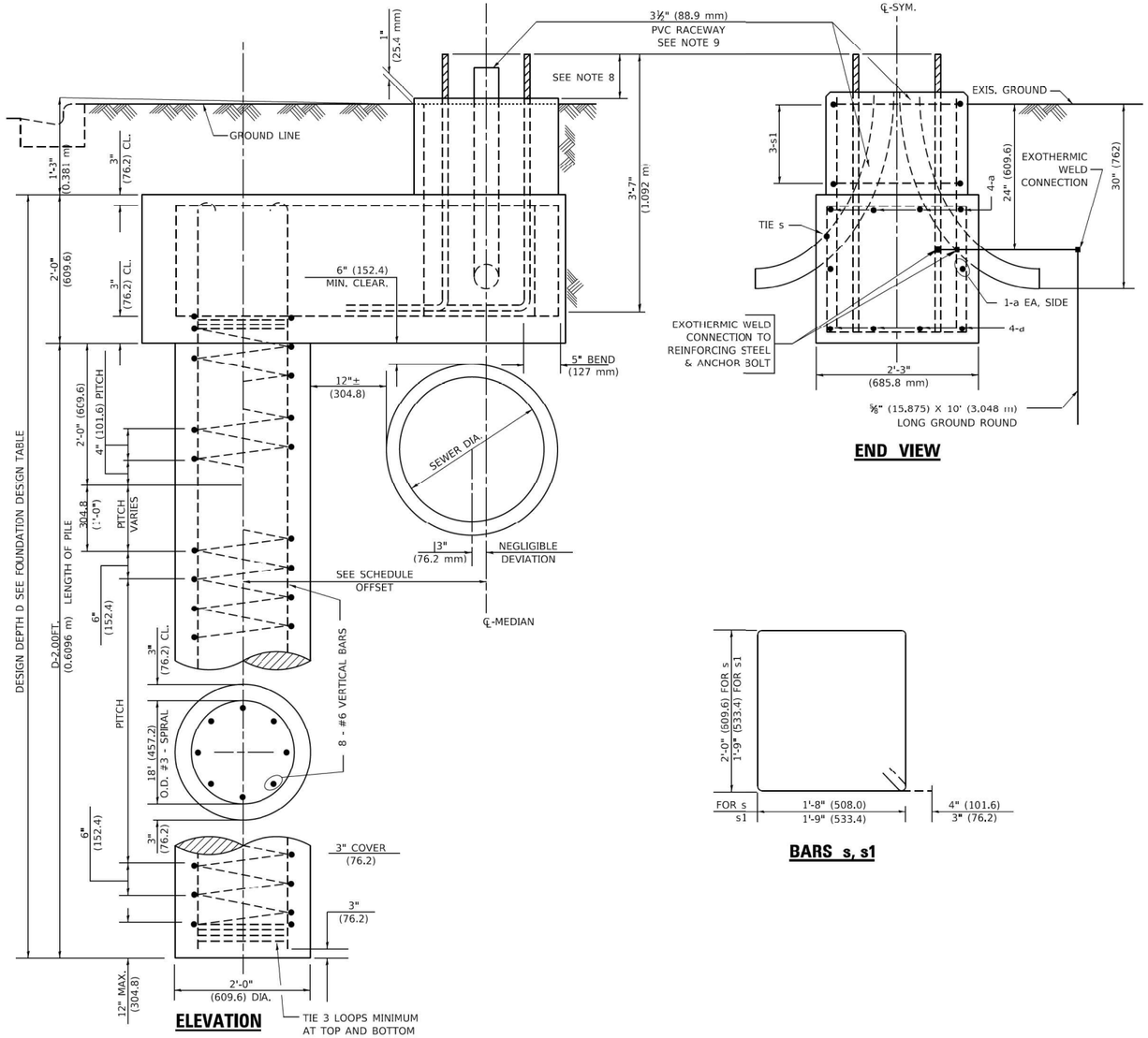
1. ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
2. THE ENGINEER SHALL DETERMINE THE CLASS OF SOIL DURING EXCAVATION AND SELECT THE DESIGN DEPTH OF FOUNDATION FROM THE DESIGN TABLE.
3. EXCAVATION OF THE POLE FOUNDATION SHALL BE MADE WITH AN AUGER, 24" (609.6 mm) OR 30" (762.0 mm) IN DIAMETER.
4. THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE RADIUS OF THE HOOK BEND SHALL NOT BE LESS THAN 4 TIMES THE NOMINAL DIAMETER OF THE ANCHOR ROD. A TACK WELDED ANCHOR ROD MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER.
5. THE ANCHOR BOLTS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED IN THE FORM.
6. THE ANCHOR RODS SHALL BE ACCORDING TO ASTM F1554 GRADE 725 (GRADE 105). NUTS SHALL BE HEXAGON NUTS ACCORDING TO ASTM A 194 2H OR ASTM A 563 DH, AND WASHERS SHALL BE ACCORDING TO ASTM F 436.
7. THE CONTRACTOR SHALL COORDINATE EXTENSION OF ANCHOR BOLTS ABOVE TOP OF FOUNDATION WITH THE BREAKAWAY DEVICE MANUFACTURER'S REQUIREMENTS. IF LIGHT POLE IS MOUNTED WITHOUT BREAKAWAY DEVICE, ANCHOR BOLTS SHALL PROJECT 23#4" (69.9 mm) ABOVE TOP OF THE FOUNDATION. THE CONTRACTOR SHALL CONFIRM ANCHOR BOLT EXTENTION WITH ENGINEER.
8. RACEWAYS SHALL PROJECT 1" (25.4 mm) ABOVE THE TOP OF THE FOUNDATION.
9. THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE THE LIGHT IS ERECTED.

PLAN–CAP BEAM TOP VIEW



TOP VIEW





ELEVATION

END VIEW

BARS s, s1

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHT POLE FOUNDATION OFFSET
40' (12.192m) TO 47 ½' (14.478m) M.H., 15" (381mm) BOLT CIRCLE

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

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BE310		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

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ABNA
DESIGN FIRM REG. 184.001117
745 McClintock Drive
Suite 210
Burr Ridge, IL 60527
Ph. 773-681-4756
www.abnacorp.com

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: | SHEET OF SHEETS | STA. | TO STA.

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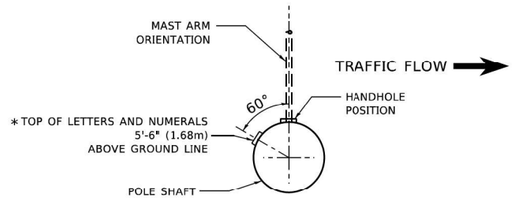
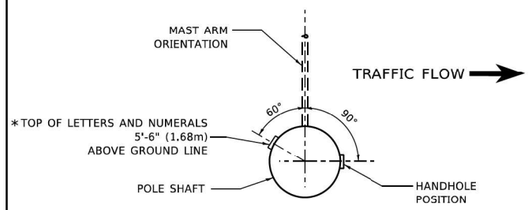


POSITION OF HANDHOLE AND POLE NUMBER FOR SINGLE MAST ARM POLES MOUNTED ON BRIDGE PARAPET OR BARRIER WALL



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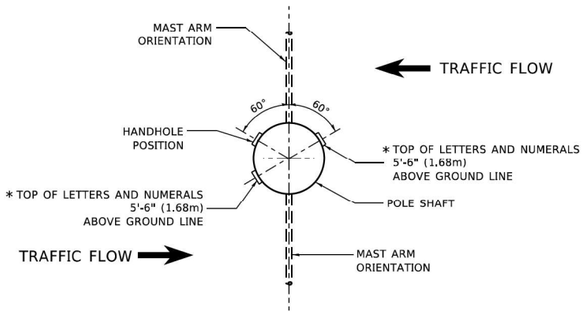
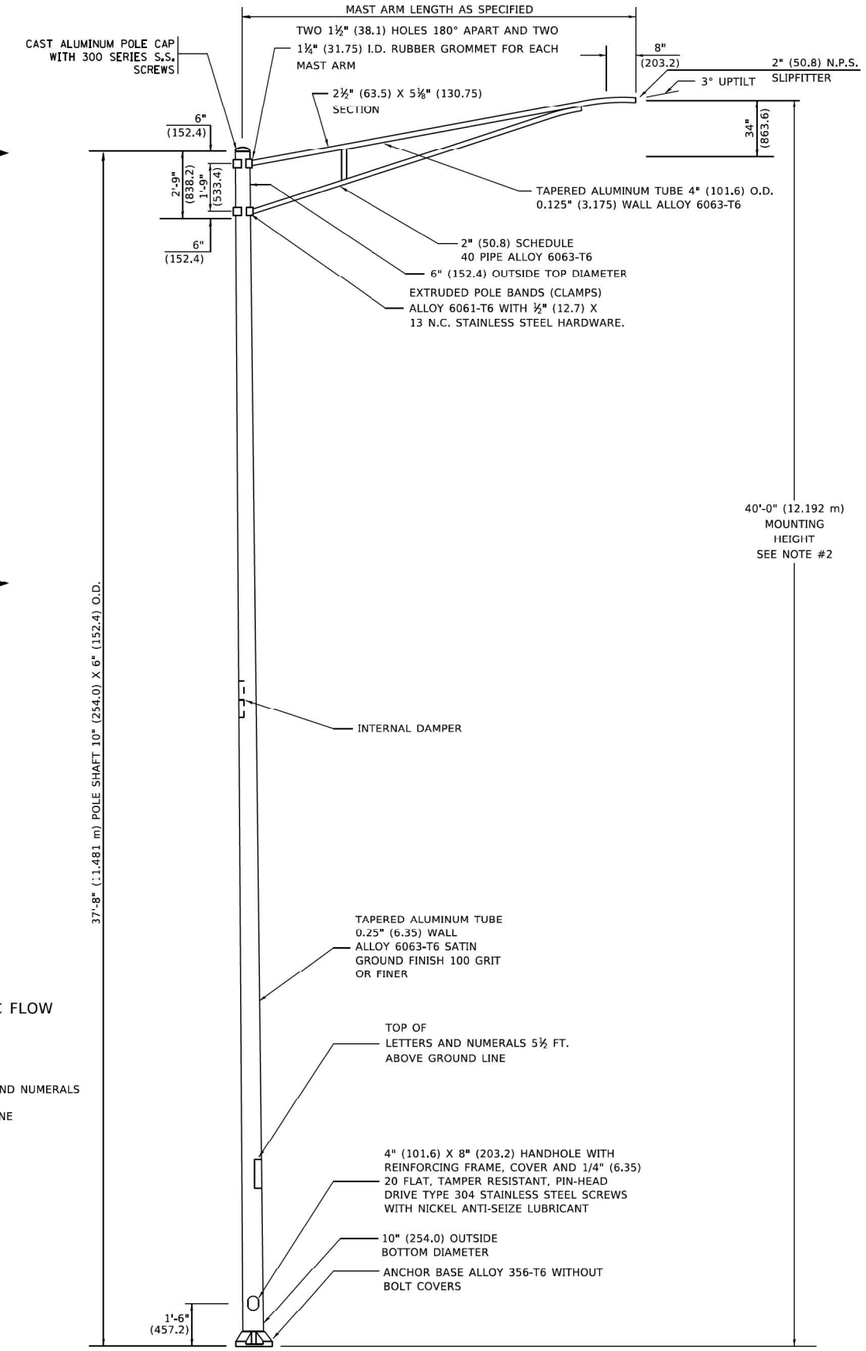
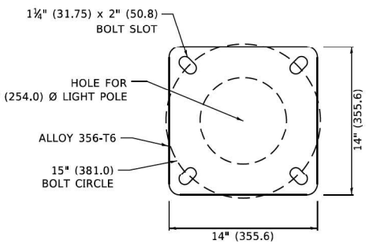


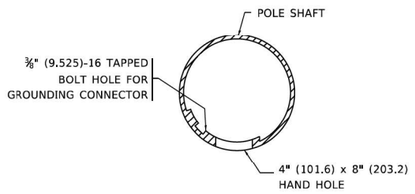
POSITION OF HANDHOLE AND POLE NUMBER FOR TWIN MAST ARM POLES





LIGHT POLE BASE PLATE DETAIL

15 INCH (381.0) BOLT CIRCLE



HANDHOLE DETAIL

(N.T.S.)

NOTES

1. ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
2. MOUNTING HEIGHT IS DEFINED AS THE DISTANCE FROM THE CENTERLINE OF THE TENON TO THE BOTTOM OF THE ANCHOR BASE.
3. THE LIGHT POLE WILL MEET AASHTO DESIGN CRITERIA AS SPECIFIED.
4. THE INSTALLING CONTRACTOR WILL PROVIDE A UL LISTED GROUNDING CONNECTOR. BURNDY K2C23, T&B SP4DL OR APPROVED EQUAL.
5. LIGHT POLES WILL NOT BE INSTALLED WITHOUT MAST ARMS AND LUMINAIRES.
6. LIGHT POLES WILL BE SET PLUMB ON THE FOUNDATION WITHOUT THE USE OF LEVELING NUTS, WASHERS OR SHIMS.
7. LIGHTING UNIT IDENTIFICATION NUMBERS SHALL BE INSTALLED BEFORE THE LIGHTING UNIT IS ENERGIZED.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALUMINUM LIGHT POLE
40'–0" (12.192 m) MOUNTING HEIGHT

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

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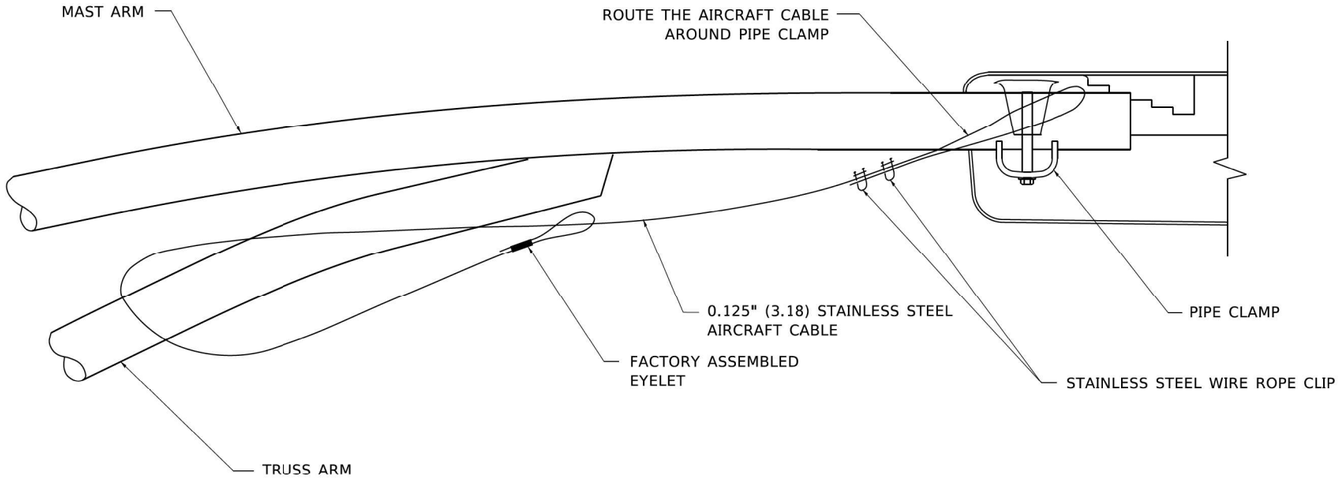
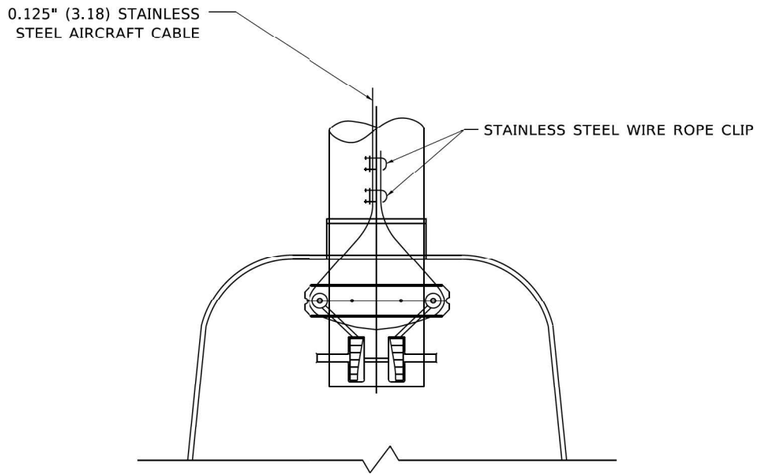


SIDE VIEW (TRUSS ARM)
N.T.S.



BOTTOM VIEW
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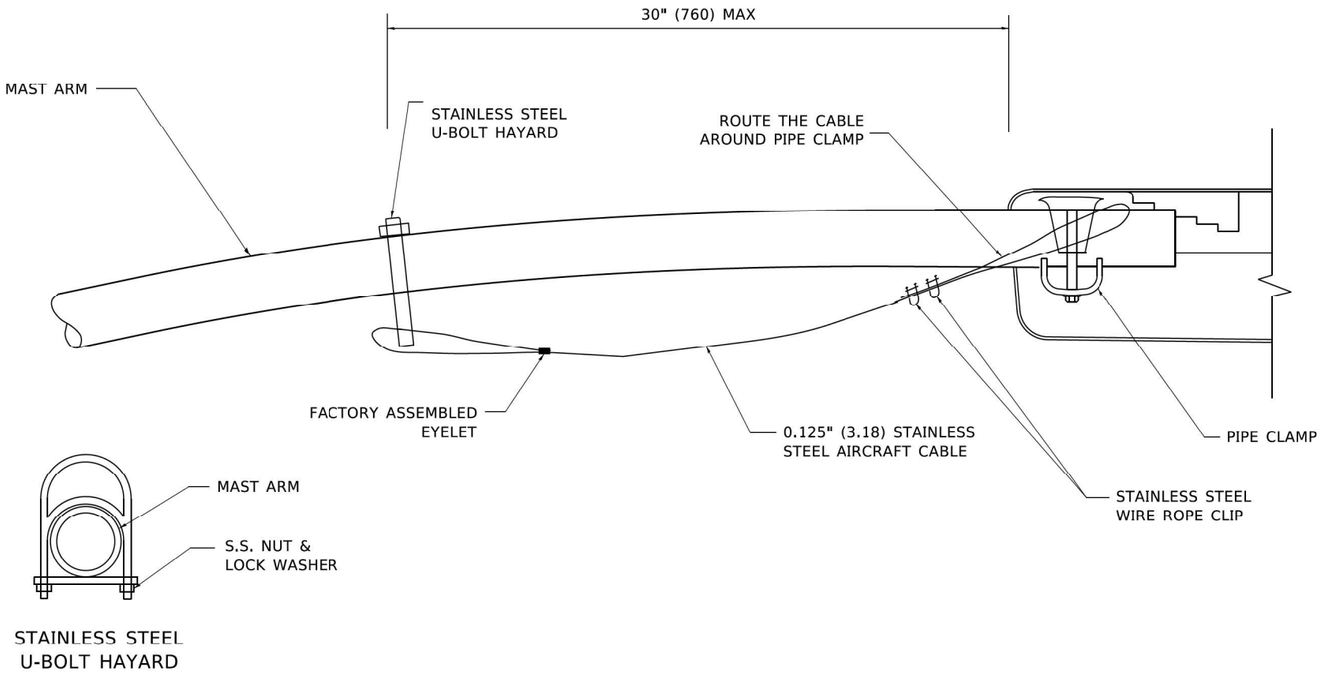

SIDE VIEW (SINGLE MEMBER OR DAVIT ARM)
N.T.S.

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.
2. CONTRACTOR SHALL ADJUST THE WIRE CLIP TO ELIMINATE ANY SLACK FROM THE WIRE ROPE.
3. THE 0.125" (3.18) STAINLESS STEEL AIRCRAFT CABLE SHALL REMAIN VISIBLE FROM THE GROUND LEVEL.
4. THE BREAKING STRENGTH OF THE CABLE SHALL BE 1700 LBS. MIN.

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LUMINAIRE SAFETY CABLE ASSEMBLY

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

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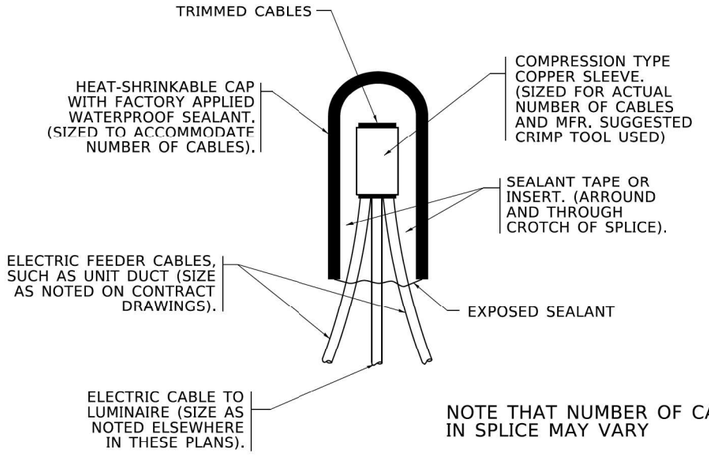

NOTE THAT NUMBER OF CABLES IN SPLICE MAY VARY

TYPICAL SPLICE DETAIL

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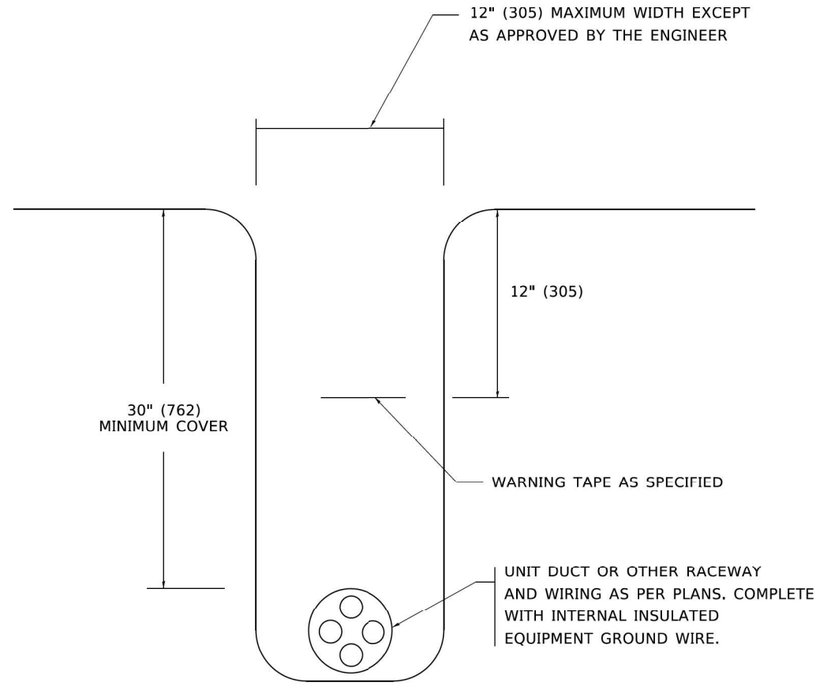
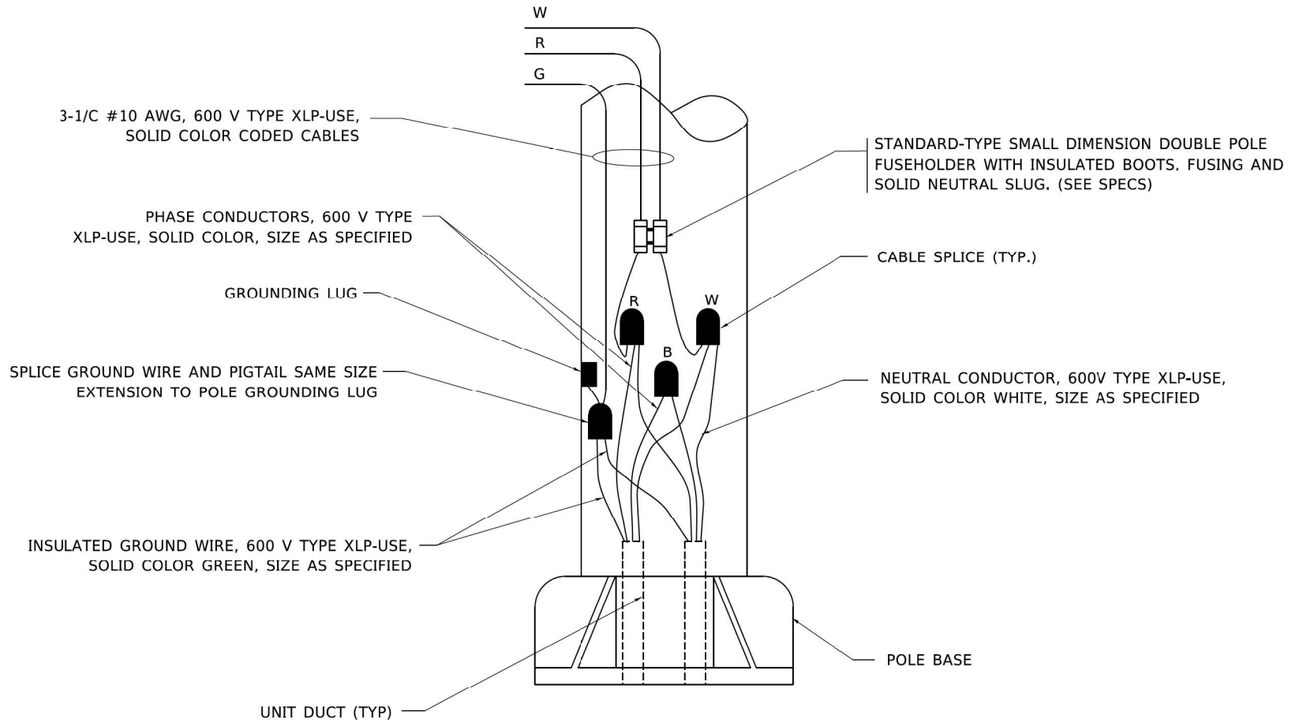


TYPICAL WIRING IN TRENCH DETAIL

N.T.S.



POLE WIRING DETAIL

N.T.S.

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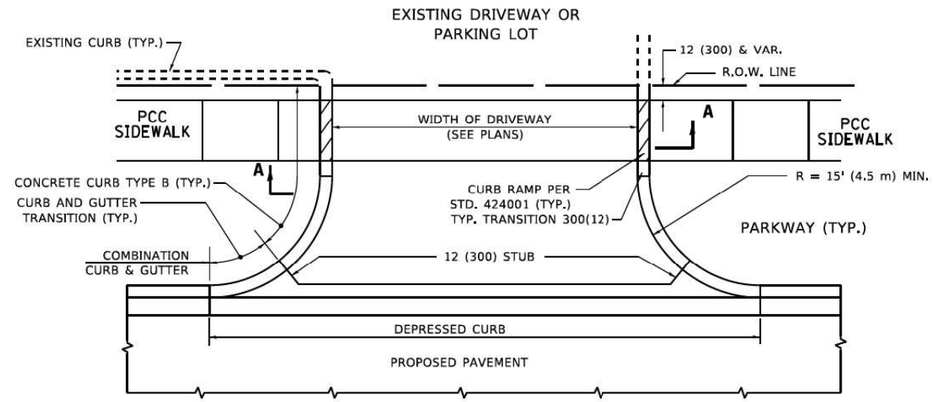
	DRAWN -	REVISED -	
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/2/2020	DATE - 08/08/2003	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

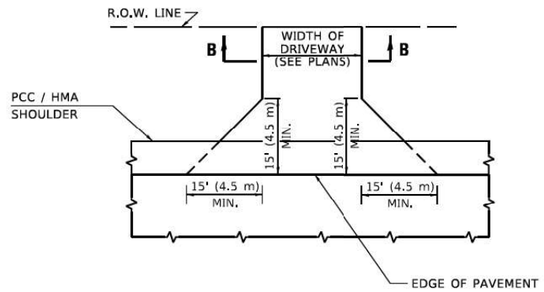
MISC. ELECTRICAL DETAILS
SHEET A

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

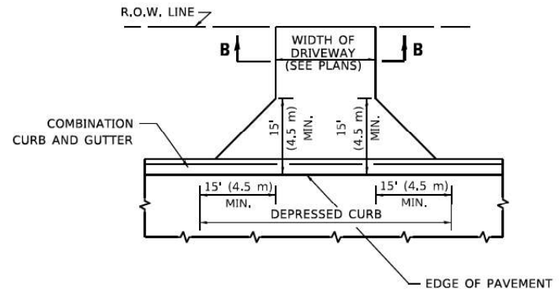
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	205
	BE-702	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			



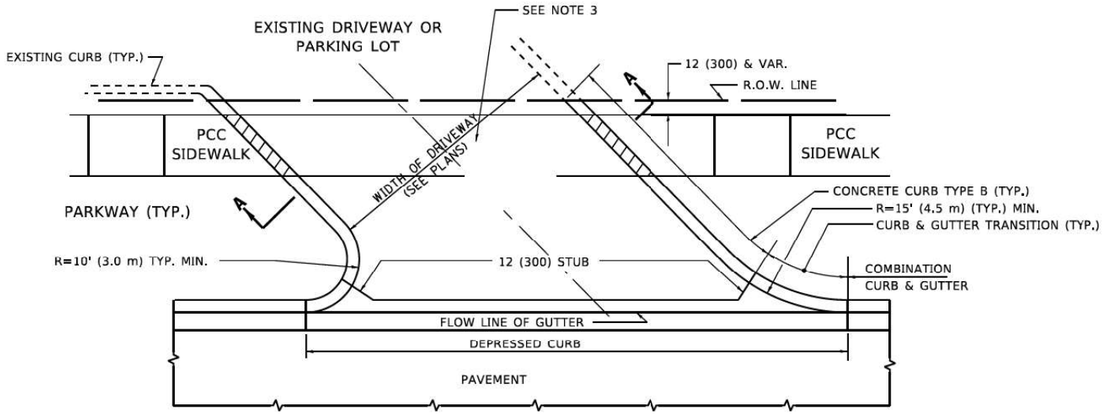
WITH CONCRETE CURB, TYPE B



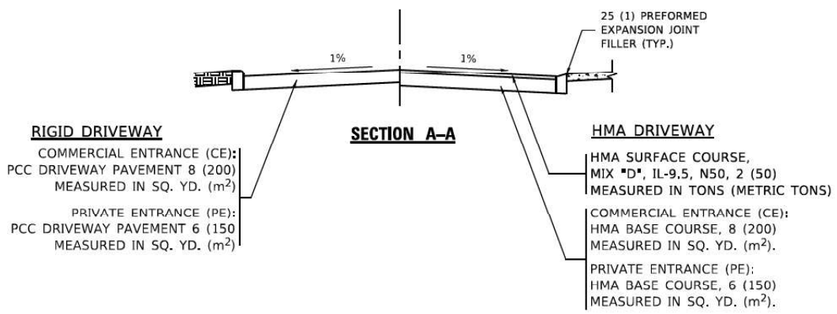
ADJACENT TO PCC /HMA SHOULDER

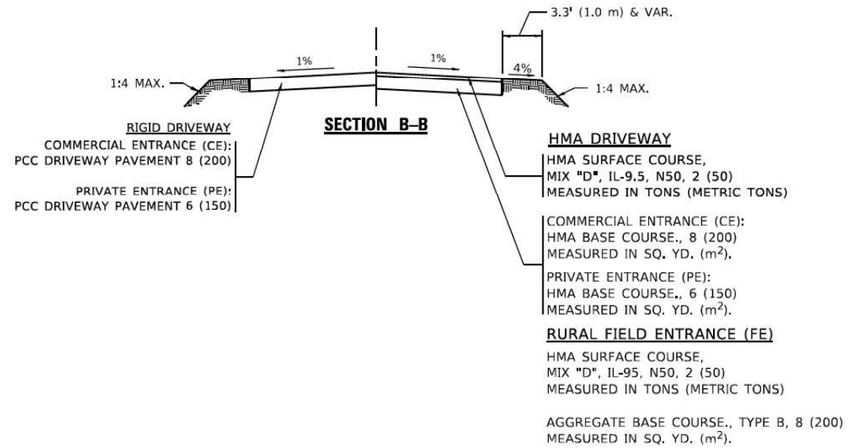


ADJACENT TO CURB AND GUTTER



WITH CONCRETE CURB, TYPE B





GENERAL NOTES

1. DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

2. COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

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

MODEL: Default
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	DRAWN -	REVISED - R. BORO 09-06-11	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - K. SMITH 08-28-19	
PLOT DATE = 2/2/2022	DATE - 11-04-95	REVISED - K. SMITH 02-01-22	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS – DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER ≥15'(4.5m)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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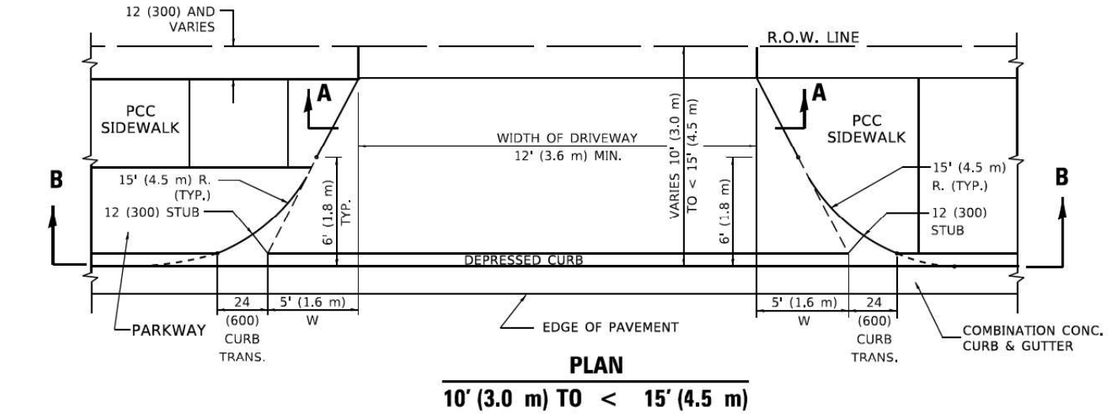
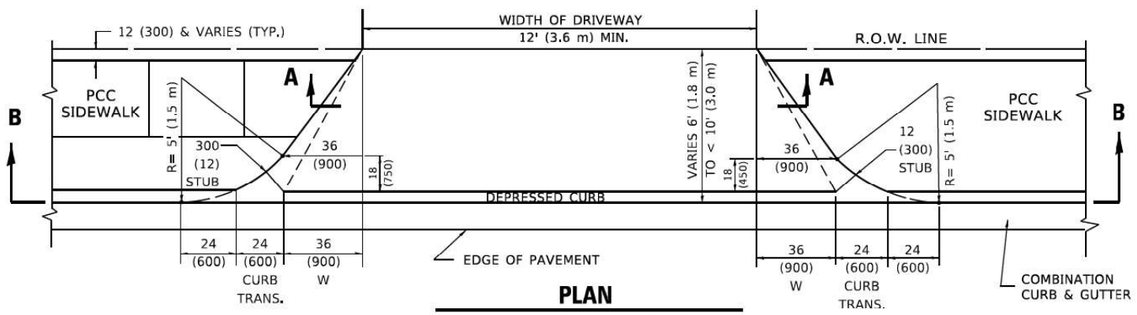
BD400-01 (BD-01)		CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			



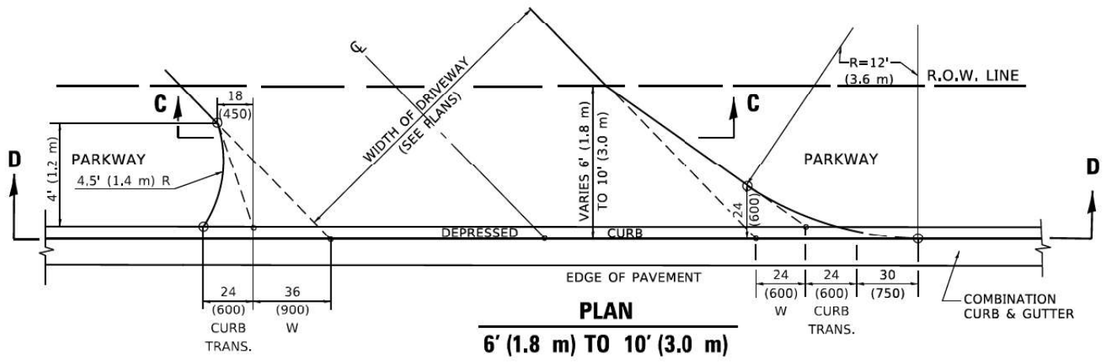
PLAN

10' (3.0 m) TO < 15' (4.5 m)



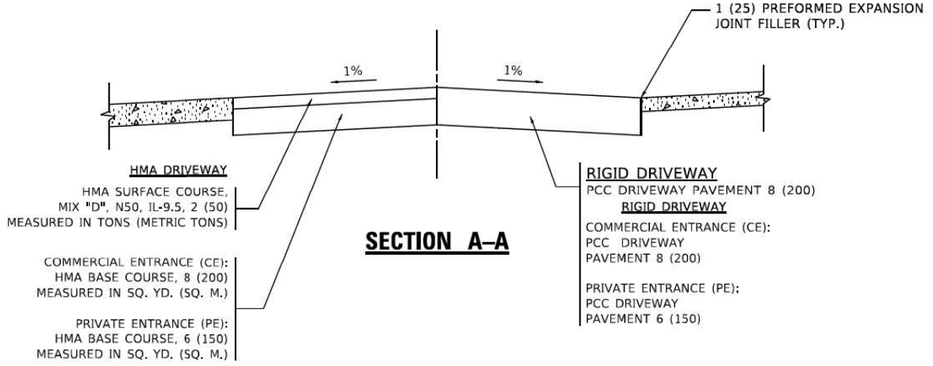
PLAN

6' (1.8 m) TO < 10' (3.0 m)

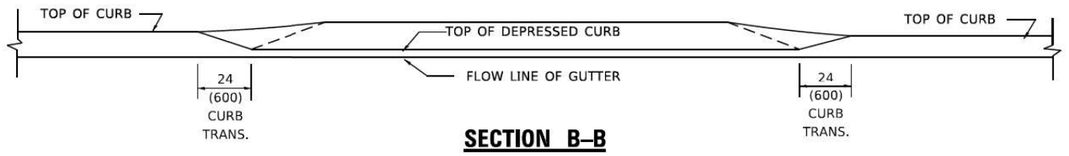


PLAN

6' (1.8 m) TO 10' (3.0 m)



SECTION A–A



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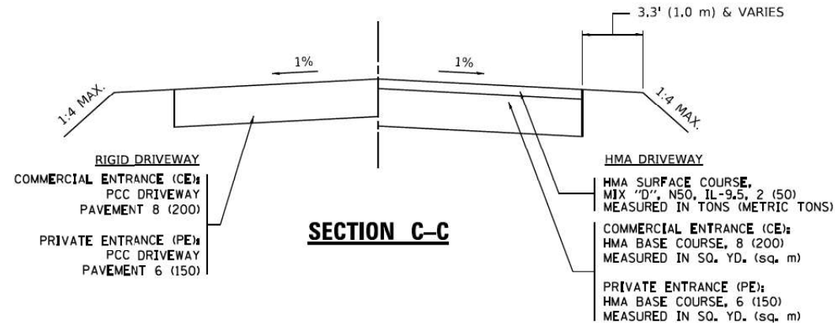

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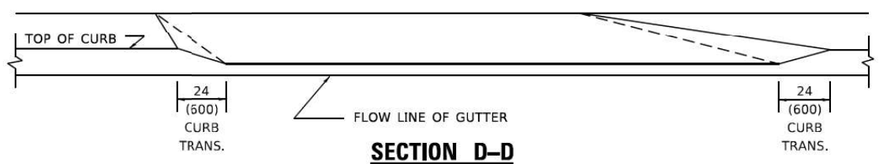

SECTION D–D

GENERAL NOTES

1. DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.
2. WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE PCC SIDEWALK SHALL EXTEND TO THE BACK OF CURB.
3. "W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

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

MODEL: Default
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USER NAME = demanchelt	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07	**STATE OF ILLINOIS**	**DRIVEWAY DETAILS**	
	DRAWN -	REVISED - R. BORO 09-06-11	**DEPARTMENT OF TRANSPORTATION**	**DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5m)**	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - K. SMITH 08-27-19		SCALE: NONE	SHEET 1 OF 1 SHEETS STA. TO STA.
PLOT DATE = 2/2/2022	DATE - 11-06-95	REVISED - K. SMITH 02-01-22			

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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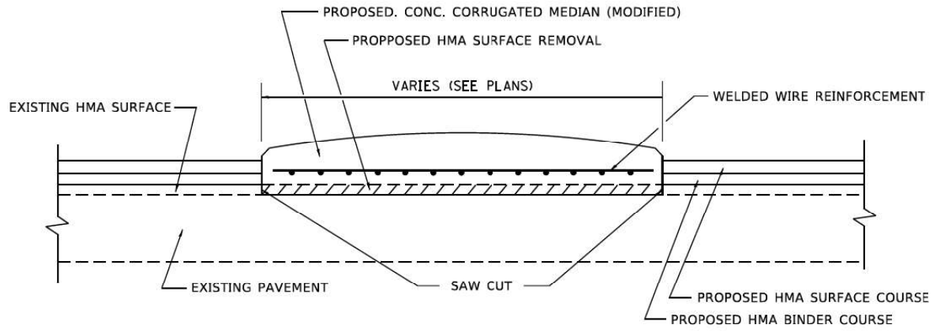
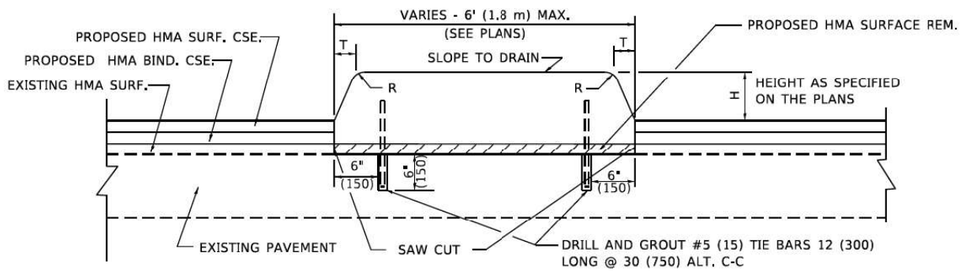
	BD400-02 (BD-02)	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			





H	R	T
6(150)	1(25)	1(25)
9(225)	1(25)	2(50)

GENERAL NOTES:

1. CORRUGATED MEDIAN (MODIFIED) SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 606 OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE PORTIONS OF STATE STANDARD 606306.
2. CONCRETE MEDIAN TYPE SB (DOWELLED) SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF STATE STANDARD 606301 AND SECTION 606 OF THE STANDARD SPECIFICATIONS.
3. WITH THE APPROVAL OF THE ENGINEER, THE CONTRACTOR MAY DELETE THE SAW CUT IF A NEAT JOINT CAN BE OBTAINED BY MILLING THE HMA SURFACE TO BE REMOVED. SAW CUT WILL BE INCLUDED IN THE COST OF CORRUGATED MEDIAN (MODIFIED)
4. FOR TYPE SB (DOWELLED) MEDIAN WIDTH LESS THAN 4' (1.2 m) USE ONE ROW OF #5 (15) BARS @ 30 (750) C-C ALONG THE MEDIAN CENTERLINE.

METHOD OF MEASURMENT:

THIS WORK SHALL BE MEASURED FOR PAYMENT PER SQUARE FOOT (SQUARE METER) MEASURED IN PLACE

BASIS OF PAYMENT

1. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT (SQUARE METER) FOR "CORRUGATED MEDIAN (MODIFIED)" OR CONCRETE MEDIAN TYPE SB (DOWELLED)
2. SAW CUT SHALL BE INCLUDED IN THIS COST OF CORRUGATED MEDIAN (MODIFIED) OR CONCRETE MEDIAN TYPE SB (DOWELLED).
3. WELDED WIRE REINFORCEMENT SHALL BE INCLUDED IN THE COST OF CORRUGATED MEDIAN (MODIFIED)
4. TIE BARS SHALL BE INCLUDED IN THE COST OF "CONCRETE MEDIAN TYPE SB (DOWELLED)"
5. HMA SURFACE REMOVAL WILL BE PAID FOR SEPARATELY.

MODEL: Default
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	DRAWN -	REVISED - E. GOMEZ 08-28-00	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - R. BORO 01-01-07	
PLOT DATE = 2/2/2022	DATE - 05-14-80	REVISED - K. SMITH 02-01-22	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

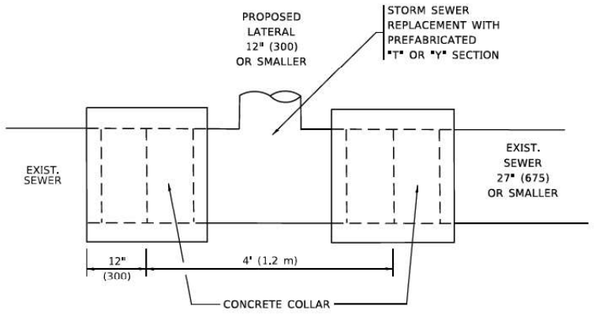
DETAILS FOR CONCRETE MEDIAN TYPE SB (DOWELLED)
CORRUGATED MEDIAN (MODIFIED)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	208

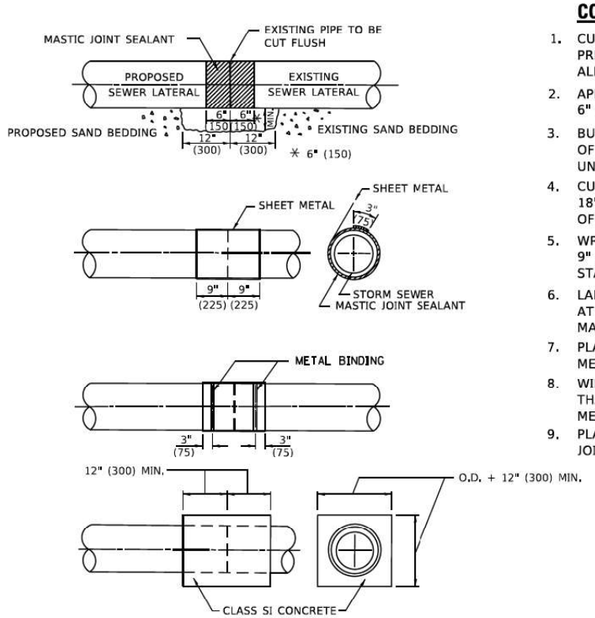
BD600–02 (BD–05) CONTRACT NO.

ILLINOIS | FED. AID PROJECT



DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER
OF 27" (675) OR SMALLER

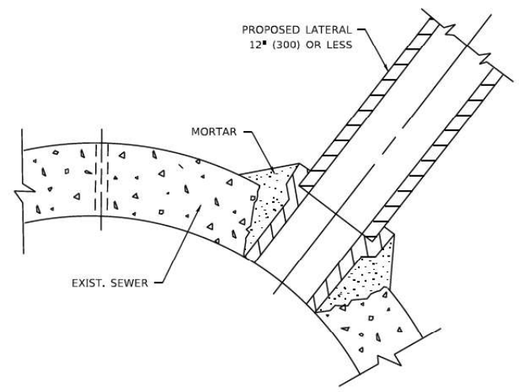


DETAIL "B"

CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12' x 6' (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERANCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "C"

PROPOSED LATERAL
CONNECTION TO EXISTING SEWER
OF 30" (750) OR LARGER

NOTES:

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

I. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.

II. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
- A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
- B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

1. CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.
2. CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

1. TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS. THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.
2. REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.
3. TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.
4. CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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

MODEL: Default
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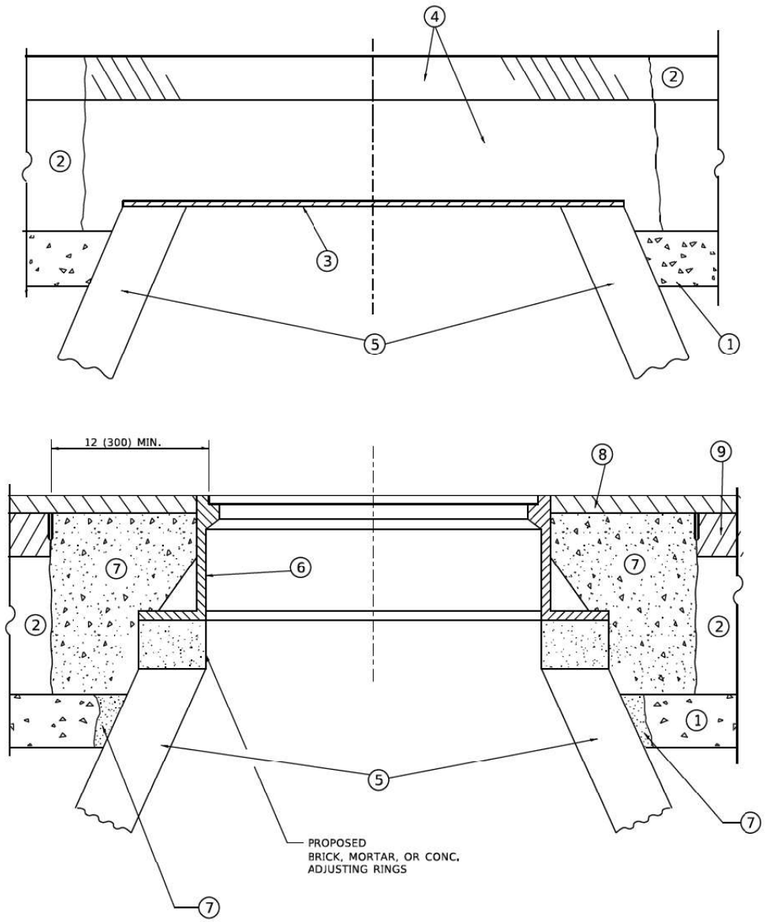
	DRAWN -	REVISED - R. SHAH 10-25-94	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - R. SHAH 06-12-96	
PLOT DATE = 2/2/2022	DATE - 07-25-90	REVISED - K. SMITH 02-01-22	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	209
BD500-01 (BD-07)		CONTRACT NO.		
ILLINOIS	FED. AID PROJECT			



DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

NOTES

1. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
2. IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.
3. CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
4. THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
5. THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES BY THE END OF EACH WORK SHIFT.

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.

B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.

C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.

D) BACKFILL WITH CRUSHED STONE AND HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 3 (80) HMA TO REMAIN AFTER MILLING).

STAGE 2 (AFTER PAVEMENT MILLING)

A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.

B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.

C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-2* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

*UNLESS OTHERWISE SPECIFIED IN THE PLANS.

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

LEGEND

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

LOCATION OF STRUCTURES

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

BASIS OF PAYMENT

1. REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."
2. THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.
3. NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.
4. WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

MODEL: Default
FILE NAME: W:\district\d22x34\bd08.dgn

USER NAME = Lawrence.DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 03-09-11	
	DRAWN -	REVISED - R. BORO 12-06-11	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - K. SMITH 11-18-22	
PLOT DATE = 9/15/2023	DATE - 10-25-94	REVISED - K. SMITH 09-15-23	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

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

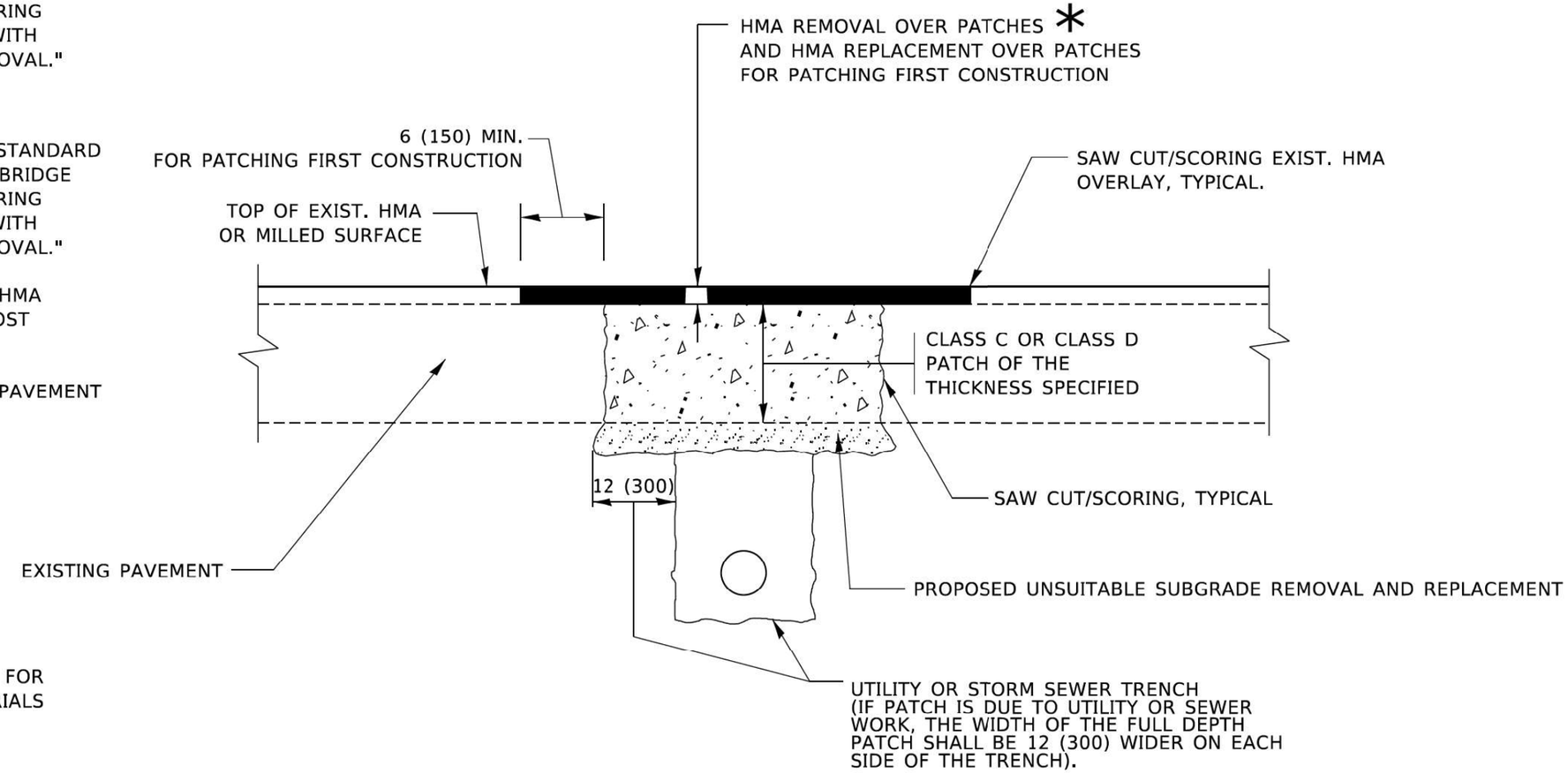
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	210
	BD600-03 (BD-08)	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

METHOD OF MEASUREMENT

REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."

BASIS OF PAYMENT

1. REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."
2. SAW CUT/SCORING OF EXISTING HMA OVERLAY IS INCLUDED IN THE COST OF PAVEMENT PATCHING.
3. SAW CUT/SCORING OF EXISTING PAVEMENT IS INCLUDED IN THE COST OF PAVEMENT PATCHING.



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4½ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

MODEL: Default
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USER NAME = demanchelt	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED - R. BORO 09-04-07	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - K. ENG 10-27-08	
PLOT DATE = 2/2/2022	DATE - 10-25-94	REVISED - K. SMITH 02-01-22	

PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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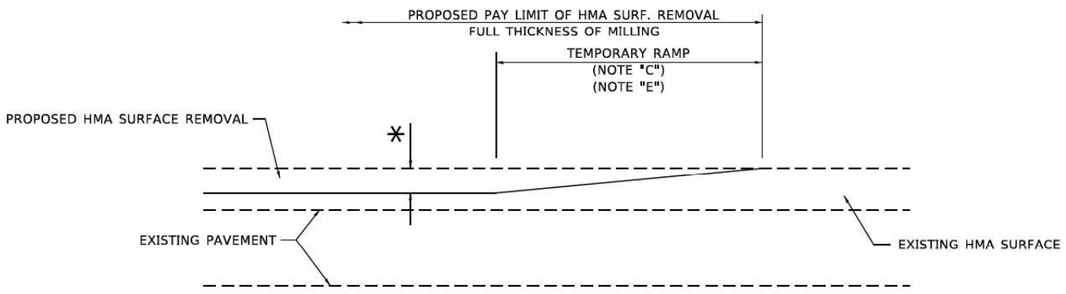
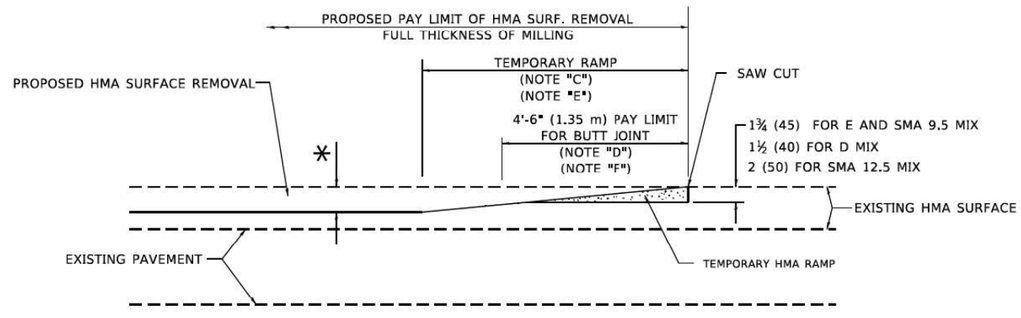
BD400-04 (BD-22)		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

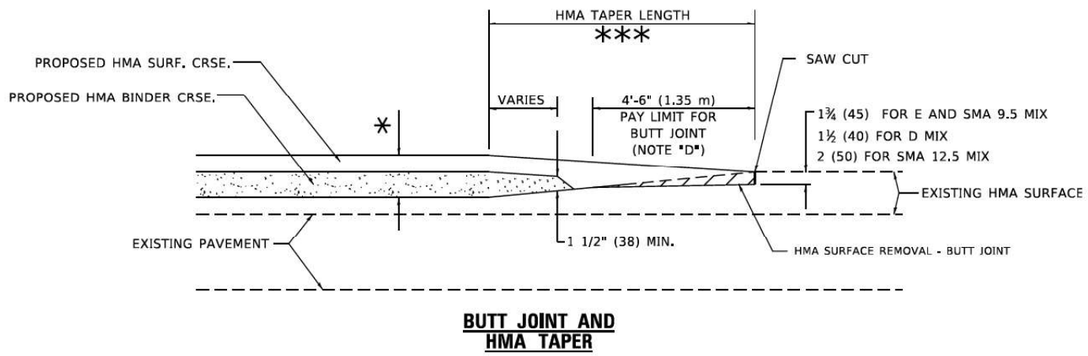


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

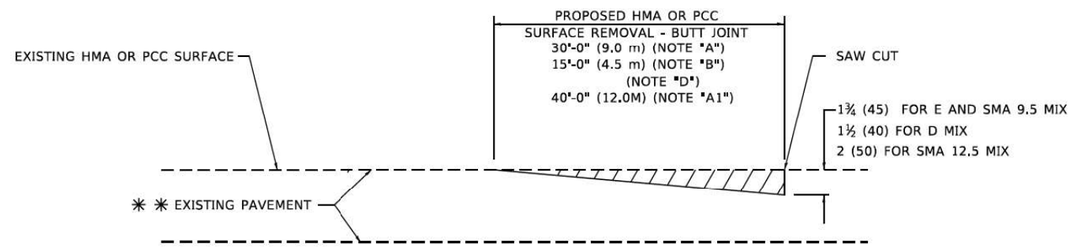
OPTION 2

TYPICAL TEMPORARY RAMP

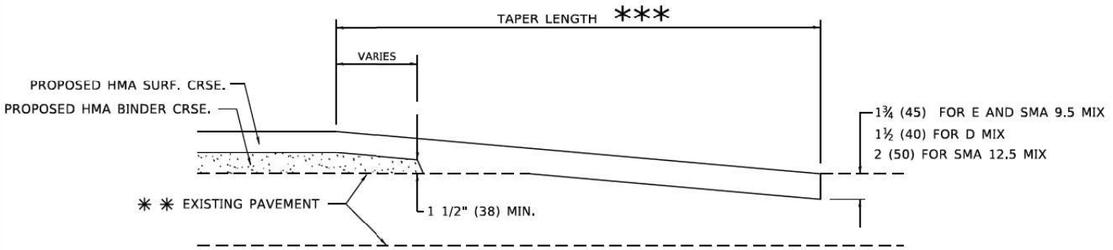


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

GENERAL NOTES

A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.

A1. INTERSTATES

B. MINOR SIDE ROADS.

C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.

D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.

E. TAPER THE TEMP. RAMP AT A RATE OF 3' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.

* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".

*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

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

2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

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

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	DRAWN -	REVISED - M. GOMEZ 04-06-01	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - R. BORO 01-01-07	
PLOT DATE = 2/2/2022	DATE - 06-13-90	REVISED - K. SMITH 02-01-22	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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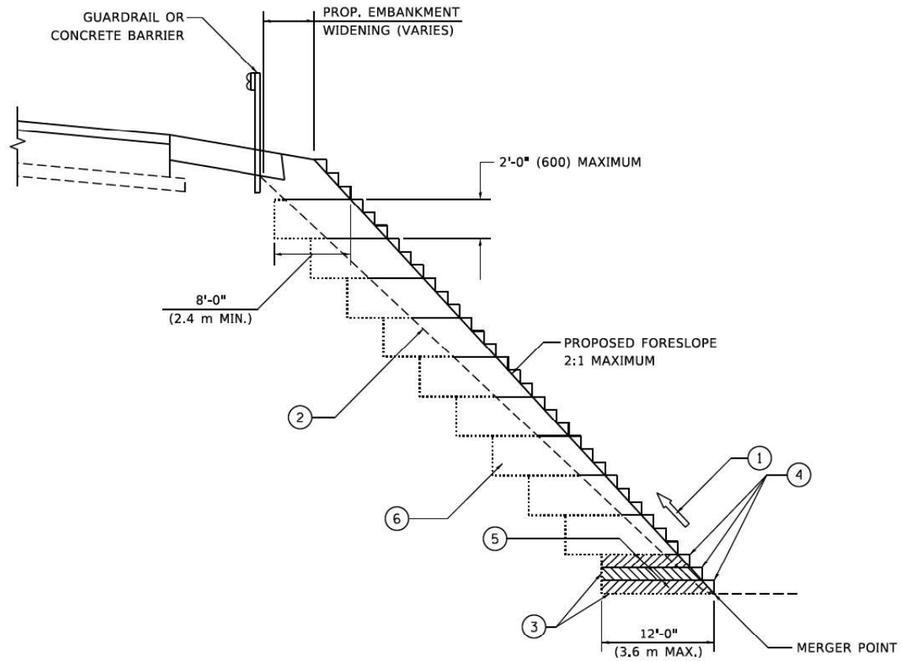
	BD400-05 BD-32	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			



TYPICAL BENCHING DETAIL FOR EMBANKMENT

NOTES:

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

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

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	DRAWN -	CADD	REVISED -
PLOT SCALE = 50.0000 ' / In.	CHECKED -	S.E.B.	REVISED -
PLOT DATE = 3/27/2019	DATE -	06-16-04	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BENCHING DETAIL FOR EMBANKMENT WIDENING

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	213
	BD-51	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

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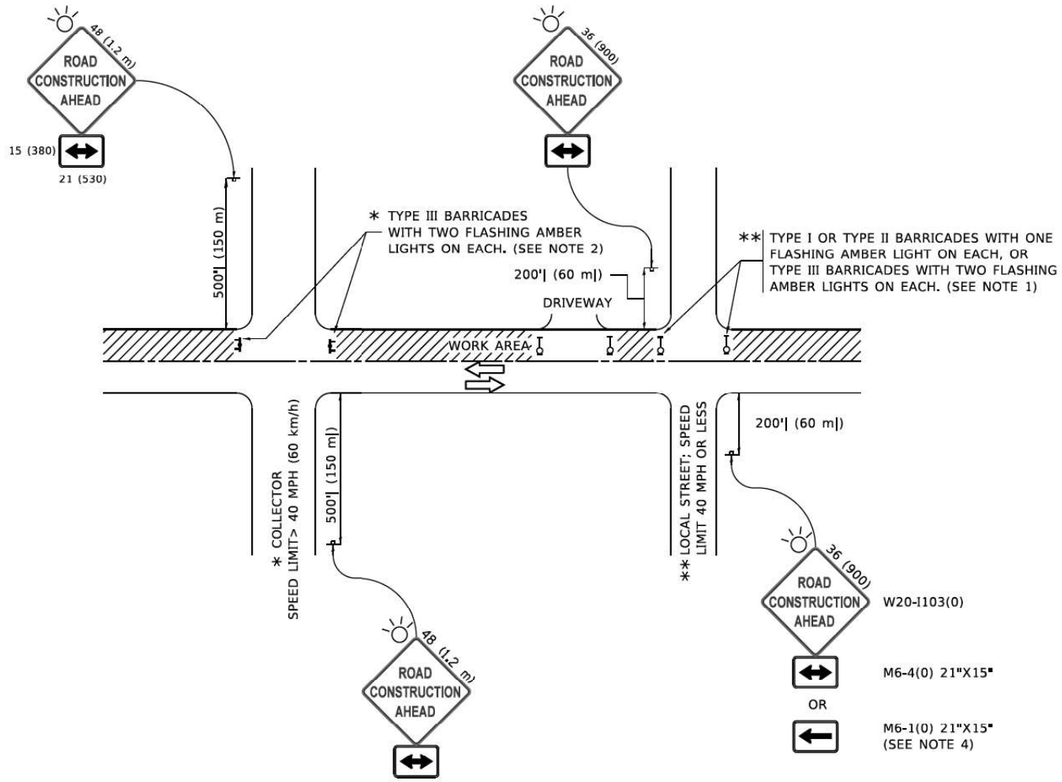

NOTES:

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

   a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.

   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.

2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

   a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.

   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.

3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.

4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.

6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.

7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

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	DRAWN -	REVISED - T. RAMMACHER 01-06-00	
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13	
PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16	

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

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

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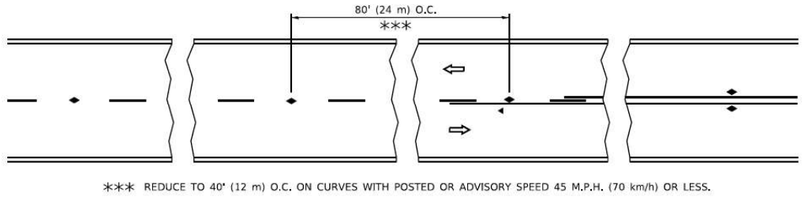
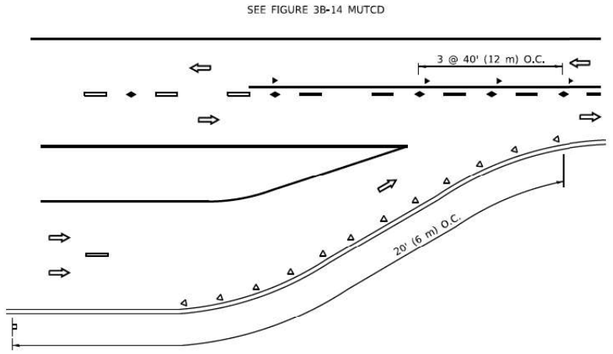


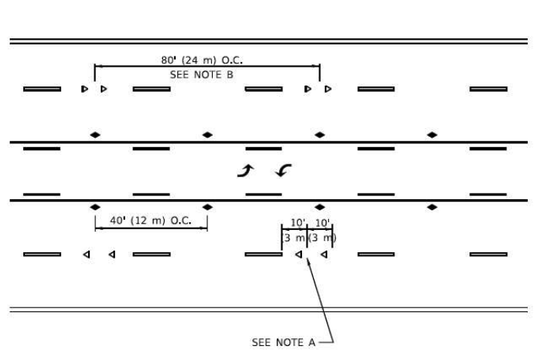
*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

TWO–LANE/TWO–WAY

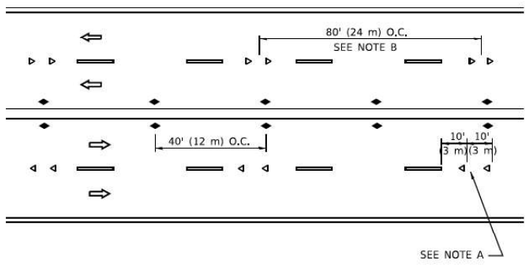
SEE FIGURE 3B-14 MUTCD



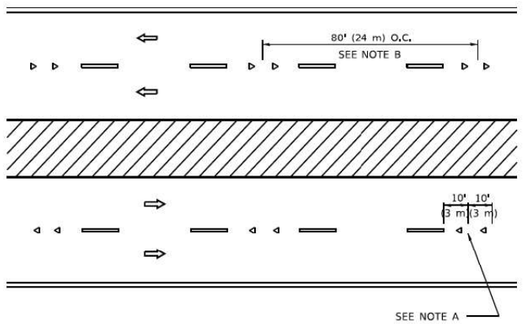
LANE REDUCTION TRANSITION



TWO–WAY LEFT TURN



MULTI–LANE/UNDIVIDED



MULTI–LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.
4. MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

SYMBOLS

- YELLOW STRIPE
- WHITE STRIPE
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER (W/O)
- TWO-WAY AMBER MARKER

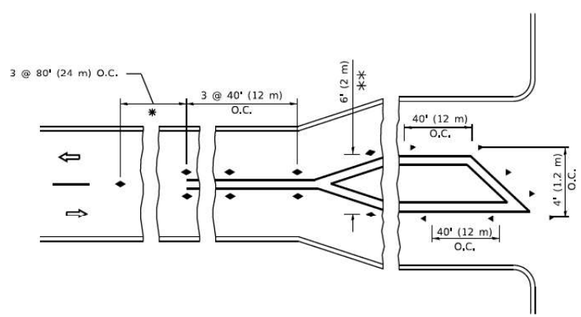
LANE MARKER NOTES

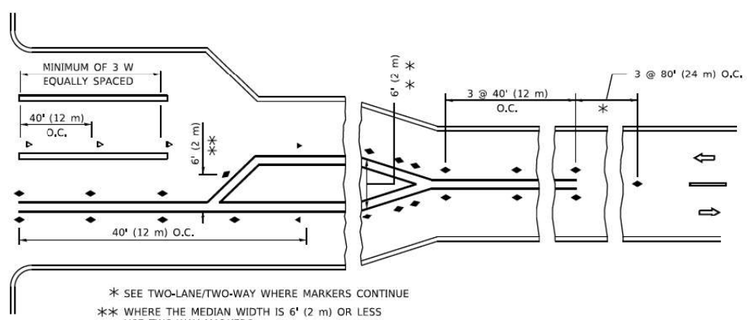
A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.

B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.





* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE

** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

TURN LANES

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

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	DRAWN -	REVISED - T. RAMMACHER 01-06-00	
PLOT SCALE = 50.0000 ' / In.	CHECKED -	REVISED - C. JUCIUS 09-09-09	
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 07-01-13	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATIONS
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW–PLOW RESISTANT)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	215
	TC-11	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

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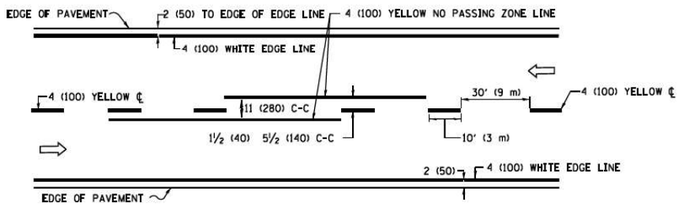
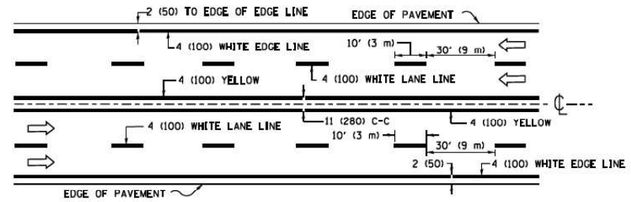
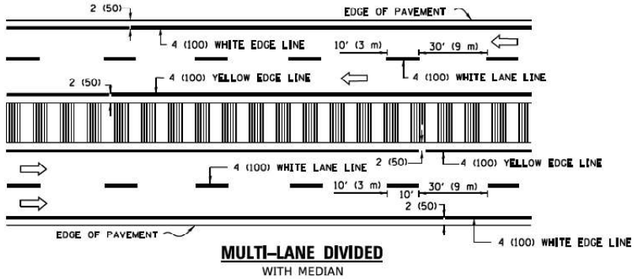


2–LANE ROADWAY

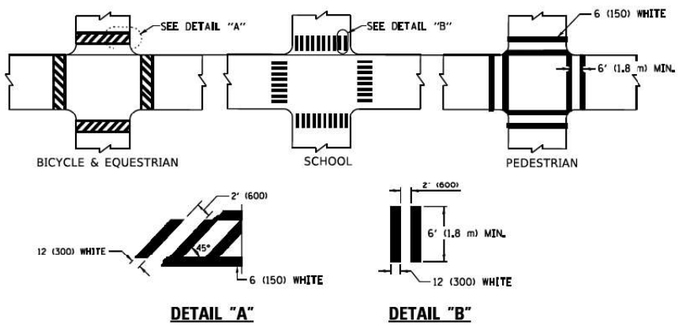


MULTI–LANE UNDIVIDED



MULTI–LANE DIVIDED
WITH MEDIAN

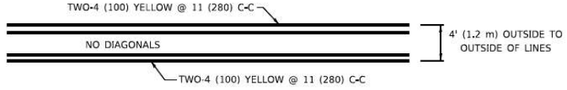
TYPICAL LANE AND EDGE LINE MARKING



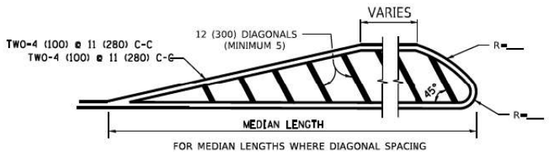
DETAIL "A" **DETAIL "B"**

TYPICAL CROSSWALK MARKING

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



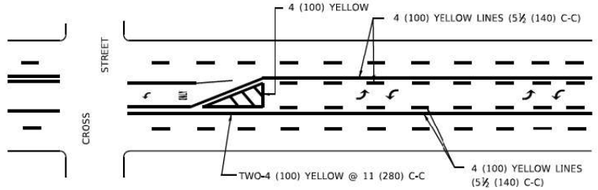
4' (1,2 m) WIDE MEDIANS ONLY



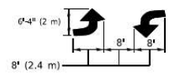
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

MEDIANS OVER 4' (1,2 m) WIDE

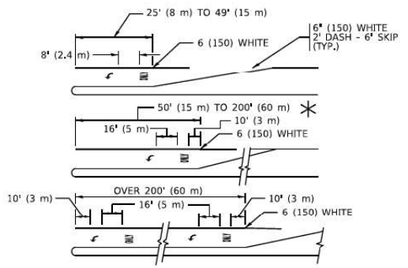


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO–WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

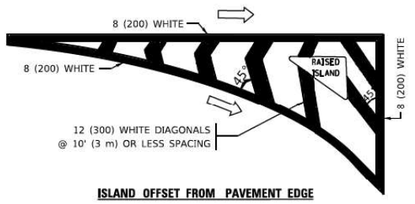


FULL SIZE LETTERS 8' (2,4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

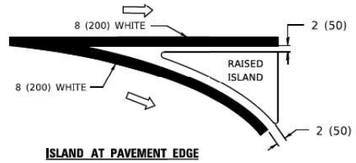
✱ TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

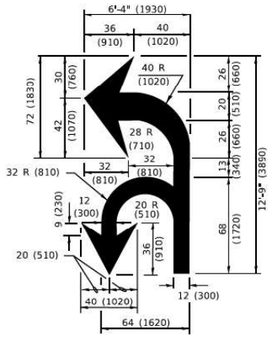


ISLAND OFFSET FROM PAVEMENT EDGE

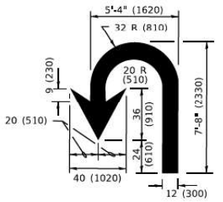


ISLAND AT PAVEMENT EDGE

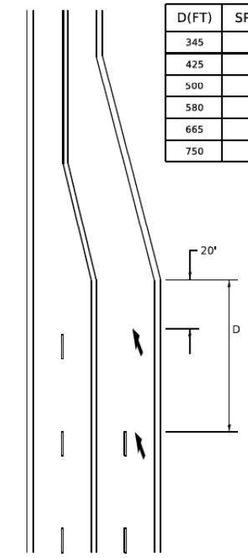
TYPICAL ISLAND MARKING



COMBINATION LEFT AND U–TURN



U–TURN



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

LANE REDUCTION TRANSITION

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE: FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m² EACH "X"=54.0 SQ. FT. (5.0 m²
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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

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

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USER NAME = footem	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09	**STATE OF ILLINOIS** **DEPARTMENT OF TRANSPORTATION**	**DISTRICT ONE** **TYPICAL PAVEMENT MARKINGS**	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED - C. JUCIUS 07-01-13			1504	0104WRS&N-11	COOK	277	216
PLOT SCALE = 50.0000 ' / In.	CHECKED -	REVISED - C. JUCIUS 12-21-15				**TC–13**	CONTRACT NO.		
PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16		SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.			ILLINOIS	FED. AID PROJECT	

tc13.dgn 3/4/2019 10:34:37 AM User=footem

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

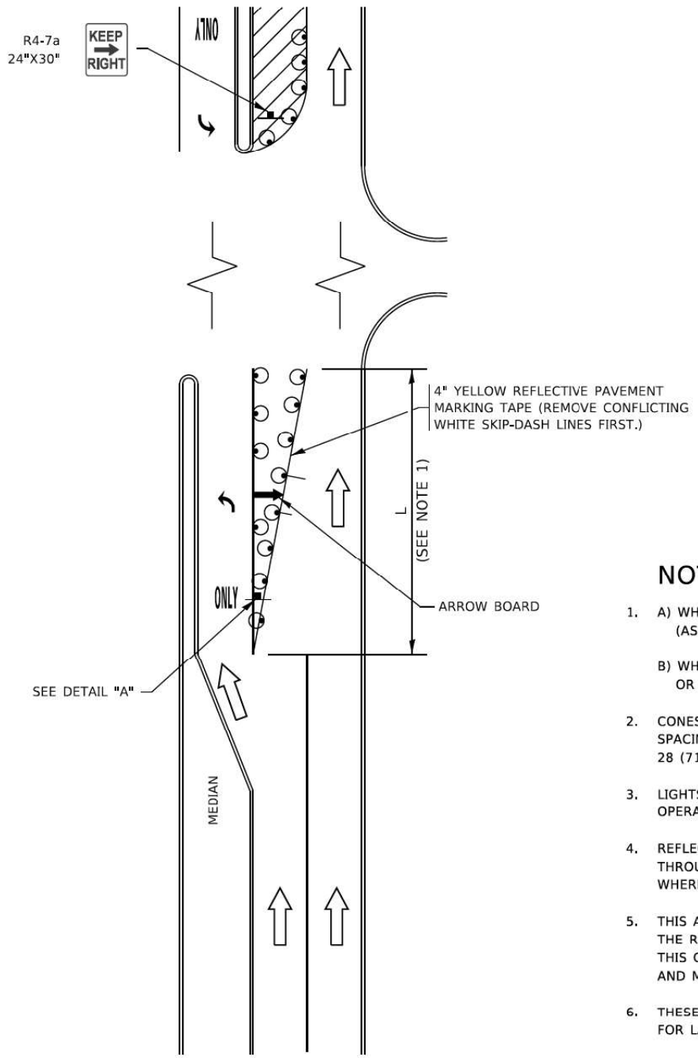


FIGURE 1

LEGEND

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

NOTES:

1. A) WHEN "L" IS ≤ THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.

   B) WHEN "L" IS > THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.

2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.

3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.

4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.

5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-I100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.

6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.

7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PREQUIREMENTS.

8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

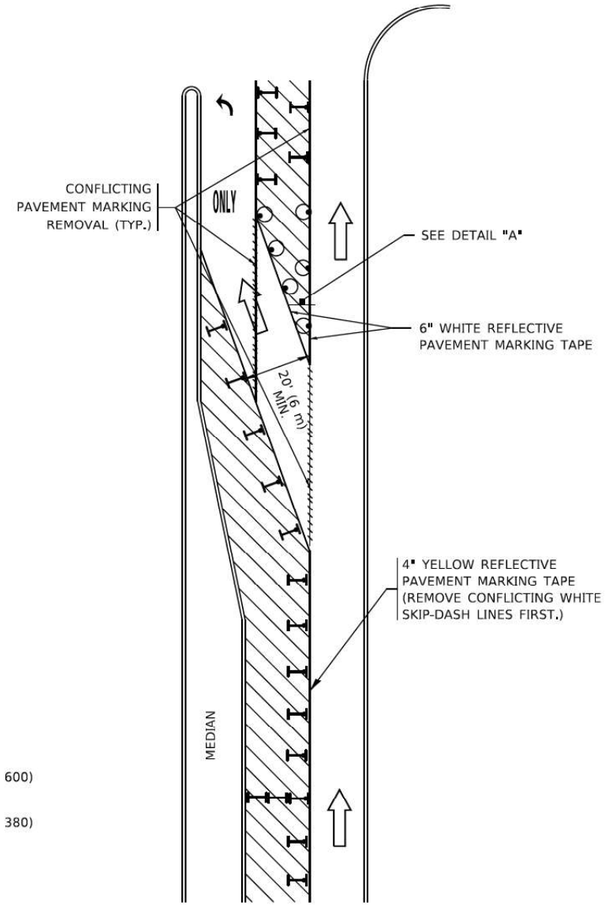
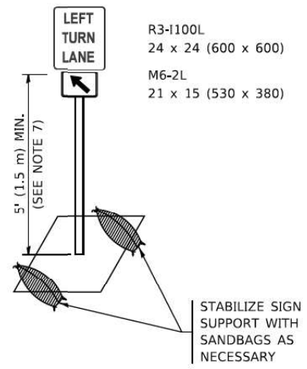


FIGURE 2



DETAIL A

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

USER NAME = footem]	DESIGNED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09	
	DRAWN - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13	
PLOT SCALE = 50.0000 ' / In.	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16	
PLOT DATE = 3/4/2019	DATE - T. RAMMACHER 01-06-00	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	217
	TC-14	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

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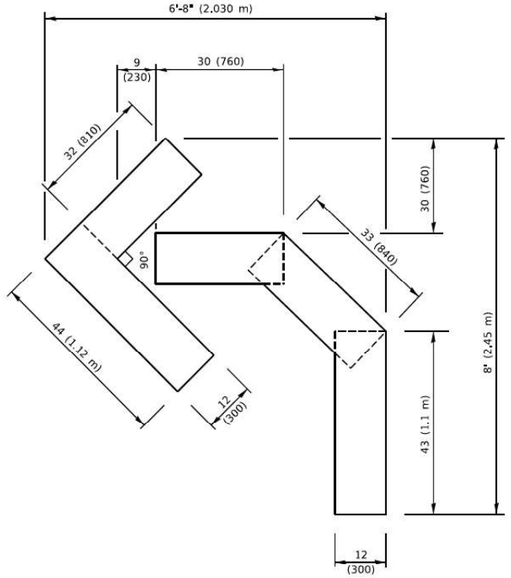
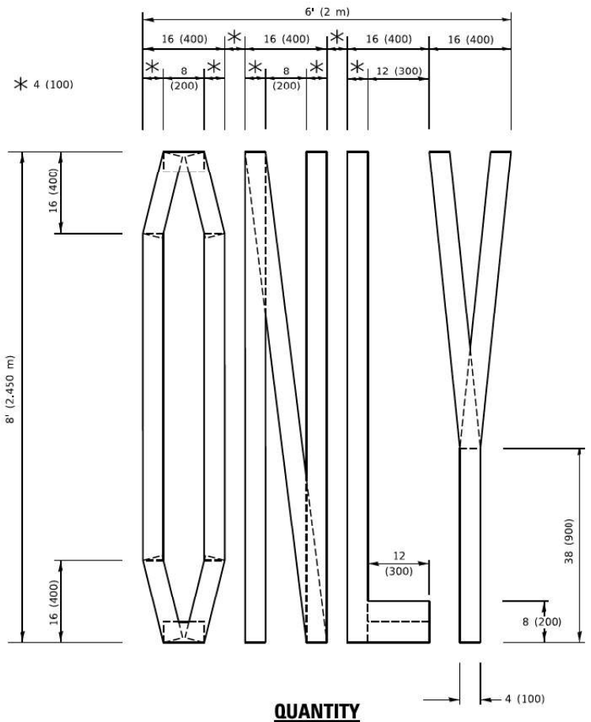
tc14.dgn 3/4/2019 10:36:01 AM User=footem



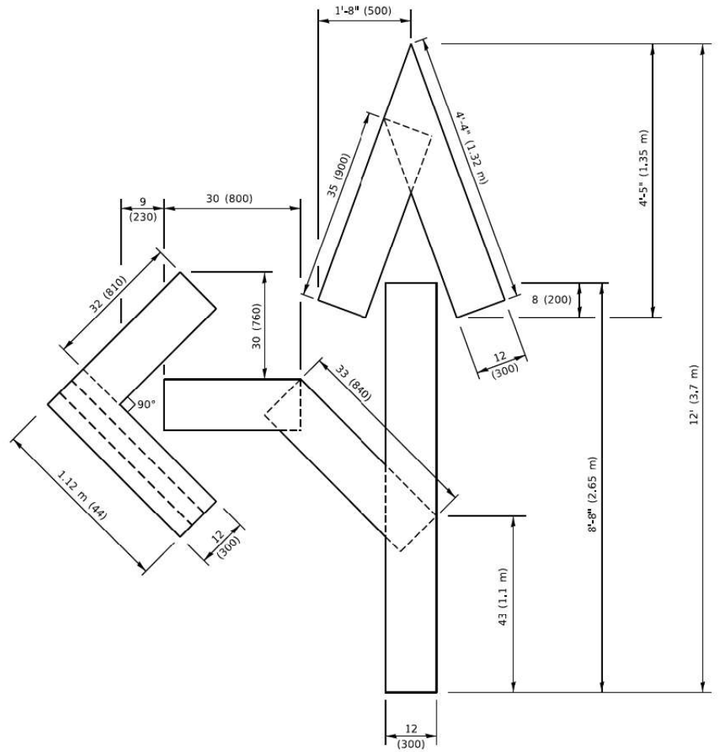
QUANTITY

4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1,41 sq. m)



QUANTITY

4 (100) LINE = 64,1 ft. (19.5 m)
21.4 sq. ft. (1.99 sq. m)

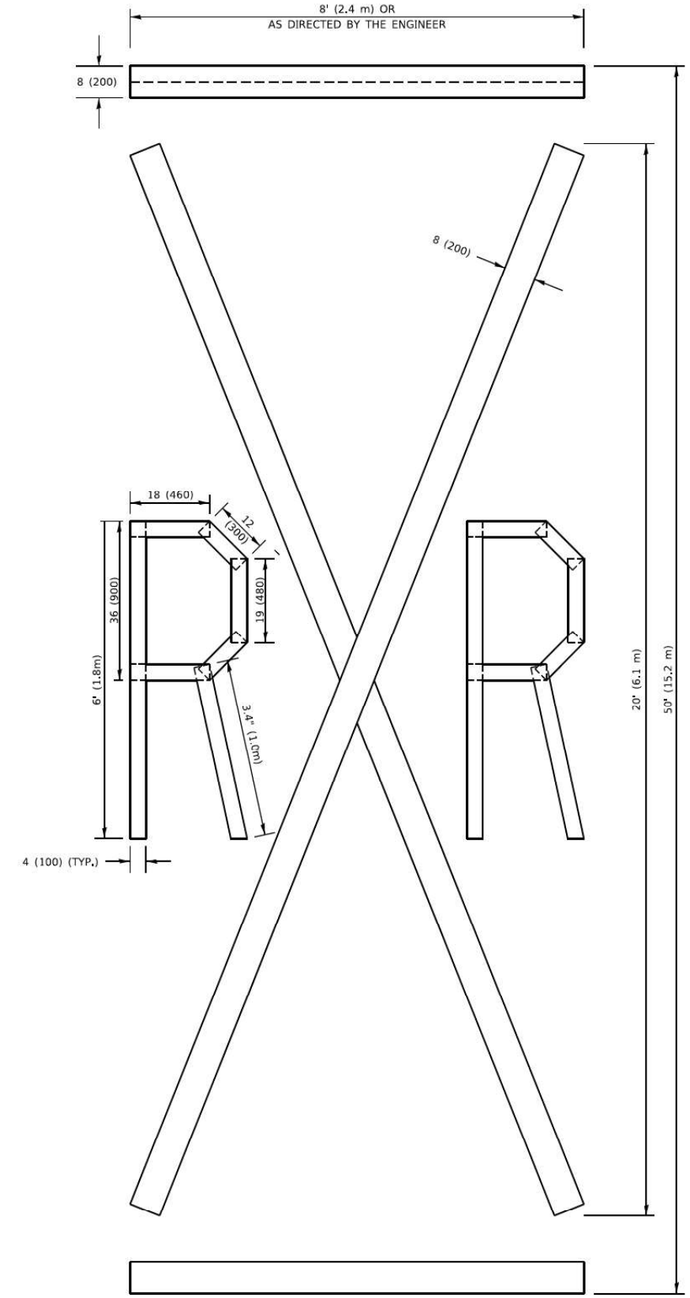


QUANTITY

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

NOTE:

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



QUANTITY

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

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

USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-02-98	
	DRAWN -	REVISED - E. GOMEZ 08-28-00	
PLOT SCALE = 50.0068 ' / In.	CHECKED -	REVISED - E. GOMEZ 08-28-00	
PLOT DATE = 3/4/2019	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	218
	TC-16	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

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ROUTE MARKERS

30 — FOR U.S. ROUTES M1-40-2424

ILL 53 — FOR ILLINOIS ROUTES M1-50-2424

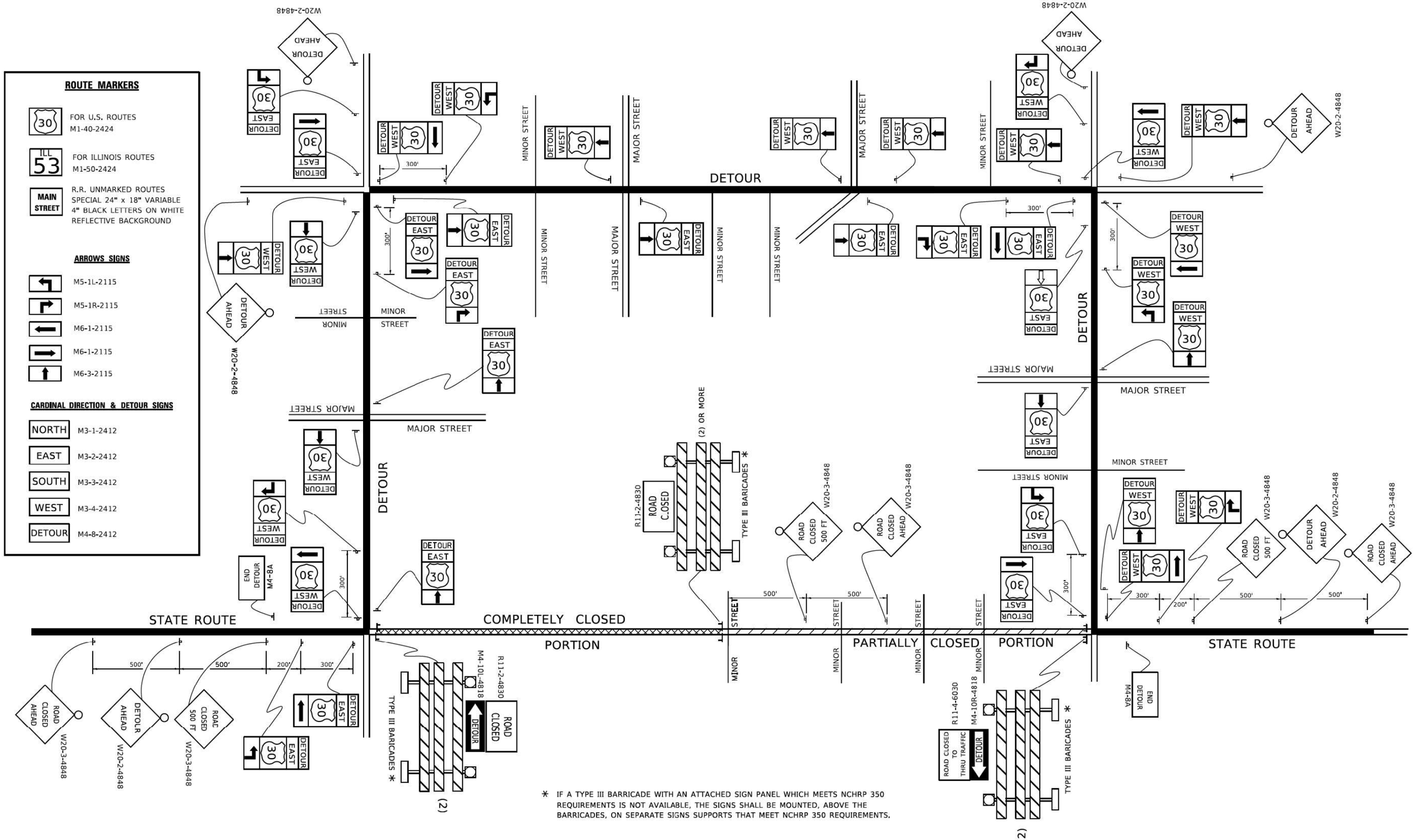
MAIN STREET — R.R. UNMARKED ROUTES SPECIAL 24" x 18" VARIABLE 4" BLACK LETTERS ON WHITE REFLECTIVE BACKGROUND

ARROWS SIGNS

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

CARDINAL DIRECTION & DETOUR SIGNS

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



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

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	DRAWN -	REVISED - R. BORO 09-14-09	
PLOT SCALE = 50.0000 ' / In.	CHECKED -	REVISED -	
PLOT DATE = 3/4/2019	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR SIGNING FOR CLOSING STATE HIGHWAYS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	219
	TC-21	CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

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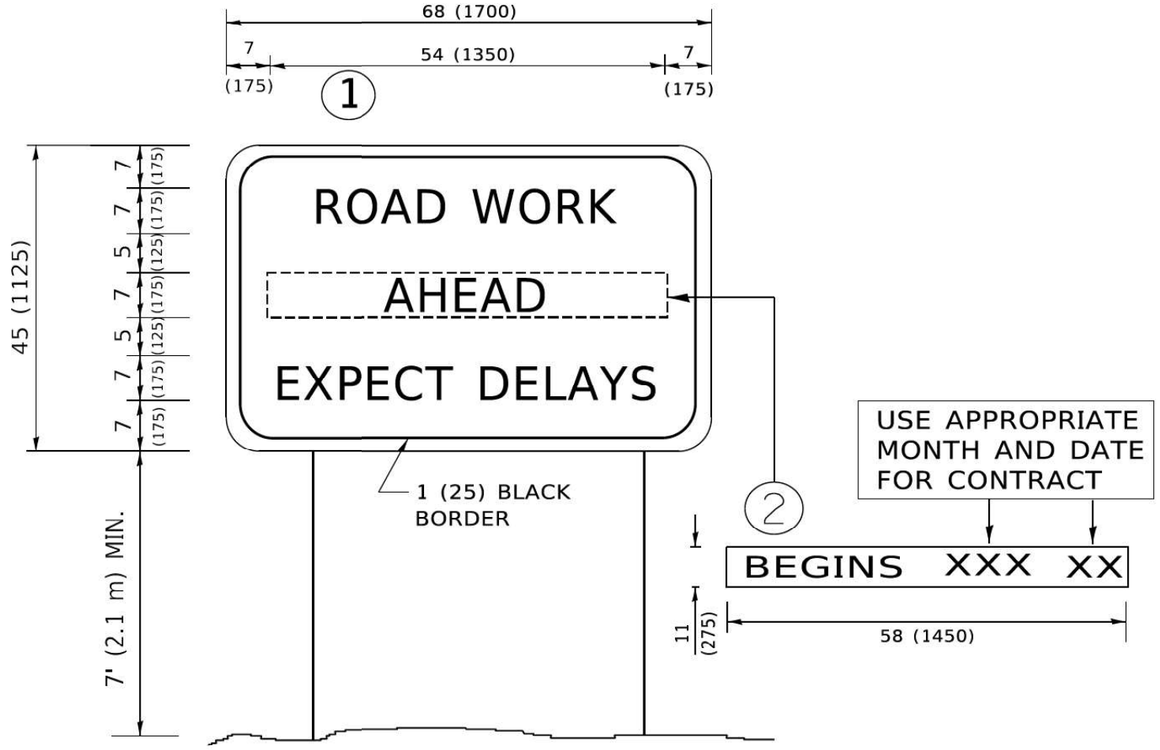

NOTES:

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

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

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tc22.dgn 3/4/2019 10:48:10 AM User=footemj

USER NAME = footemj	DESIGNED -	REVISED -	R. MIRS 09-15-97
	DRAWN -	REVISED -	R. MIRS 12-11-97
PLOT SCALE = 50.0000 ' / In.	CHECKED -	REVISED	-T. RAMMACHER 02-02-99
PLOT DATE = 3/4/2019	DATE -	REVISED -	C. JUCIUS 01-31-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD INFORMATION SIGN

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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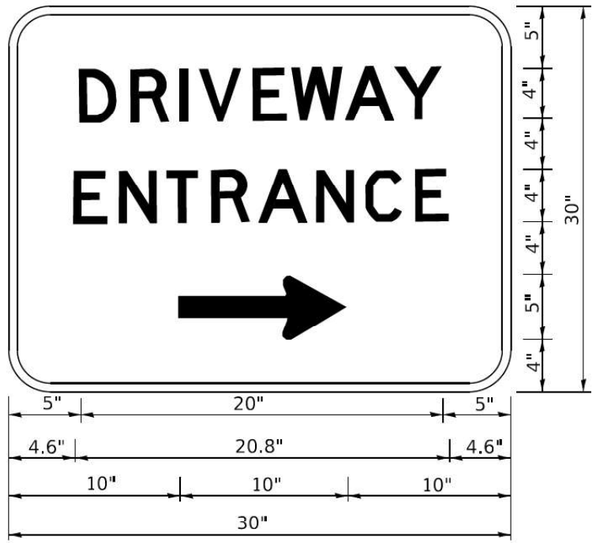
	TC-22	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
"DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

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PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/4/2019	DATE -	REVISED -	

DRIVEWAY ENTRANCE SIGNING

SCALE: NONE | SHEET 1 OF 2 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	221
	TC-26	CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

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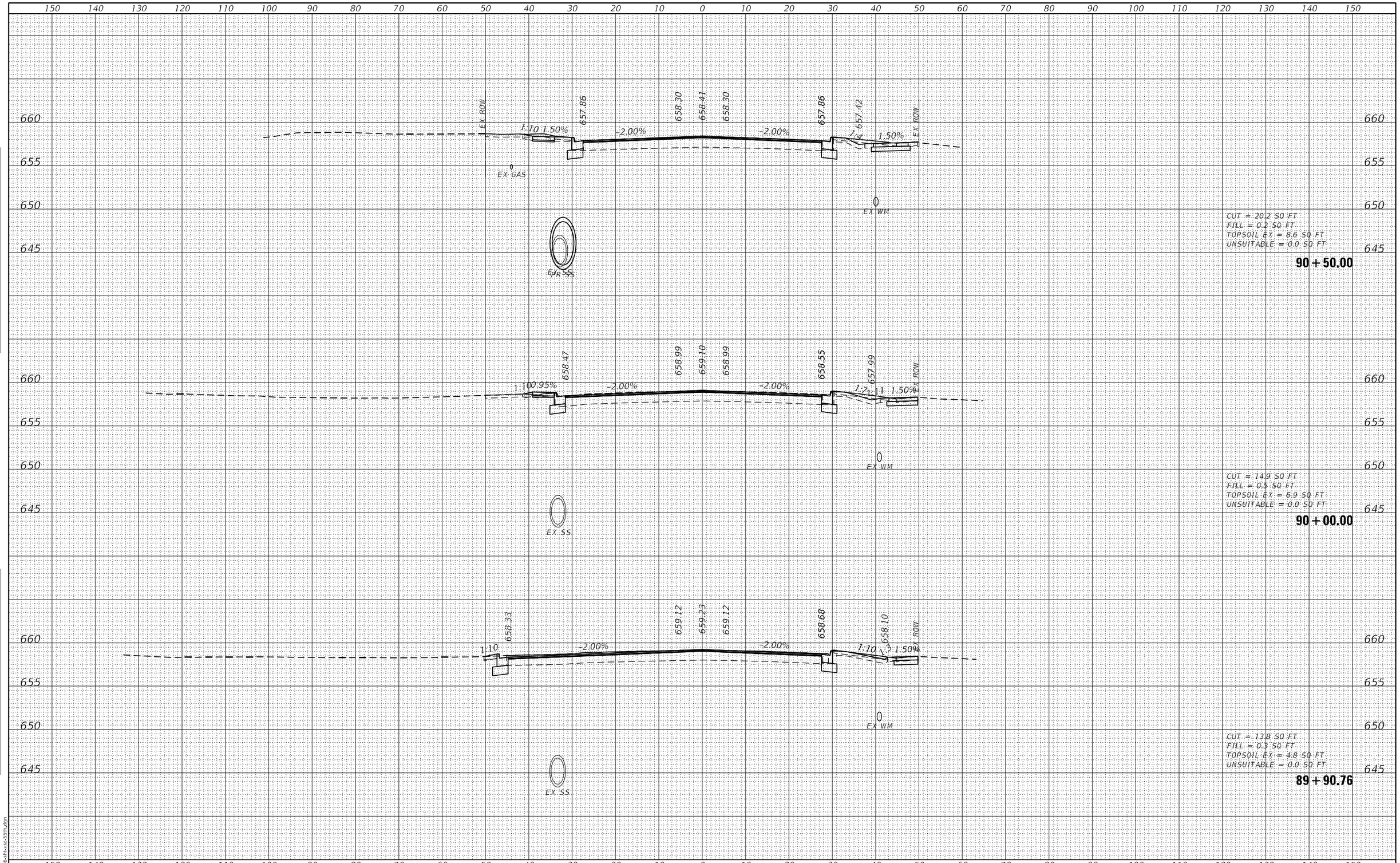

FINAL SURVEY | NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

ORIGINAL SURVEY | NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

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BURNS McDONNELL

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	DRAWN - RGJ	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -	
PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET CROSS SECTIONS

SCALE: H:1"=10';V:1"=5' | SHEET 1 OF 34 SHEETS | STA. 89+90.76 TO STA. 90+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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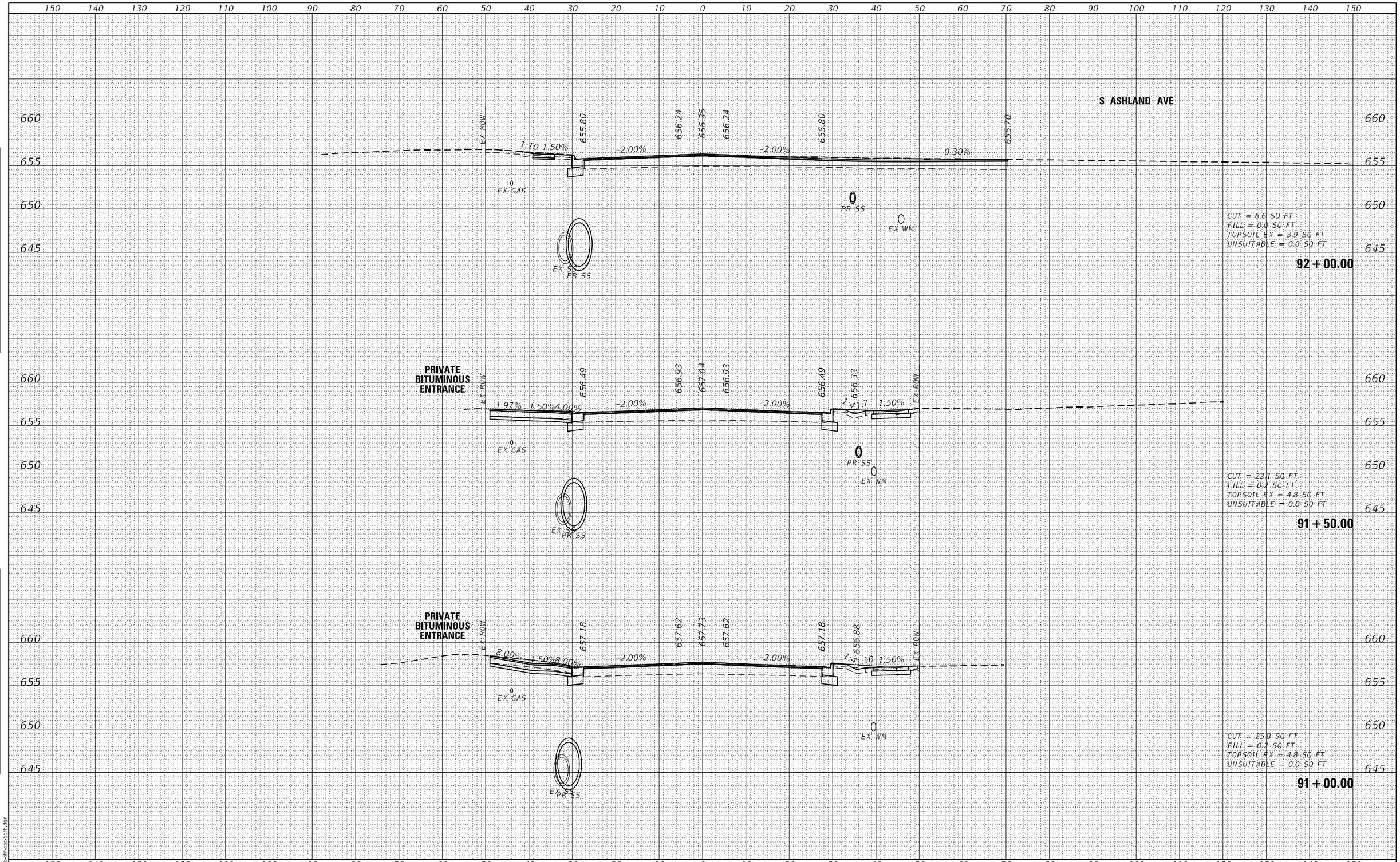
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		BY
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		DATE

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		BY
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		DATE

MODEL: Default
FILE NAME: I:\2166-sht-xs-55th.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - RGJ	REVISED -
	DRAWN - RGJ	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -
PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET CROSS SECTIONS

SCALE: H:1"=10';V:1"=5' | SHEET 2 OF 34 SHEETS | STA. 91+00.00 | TO STA. 92+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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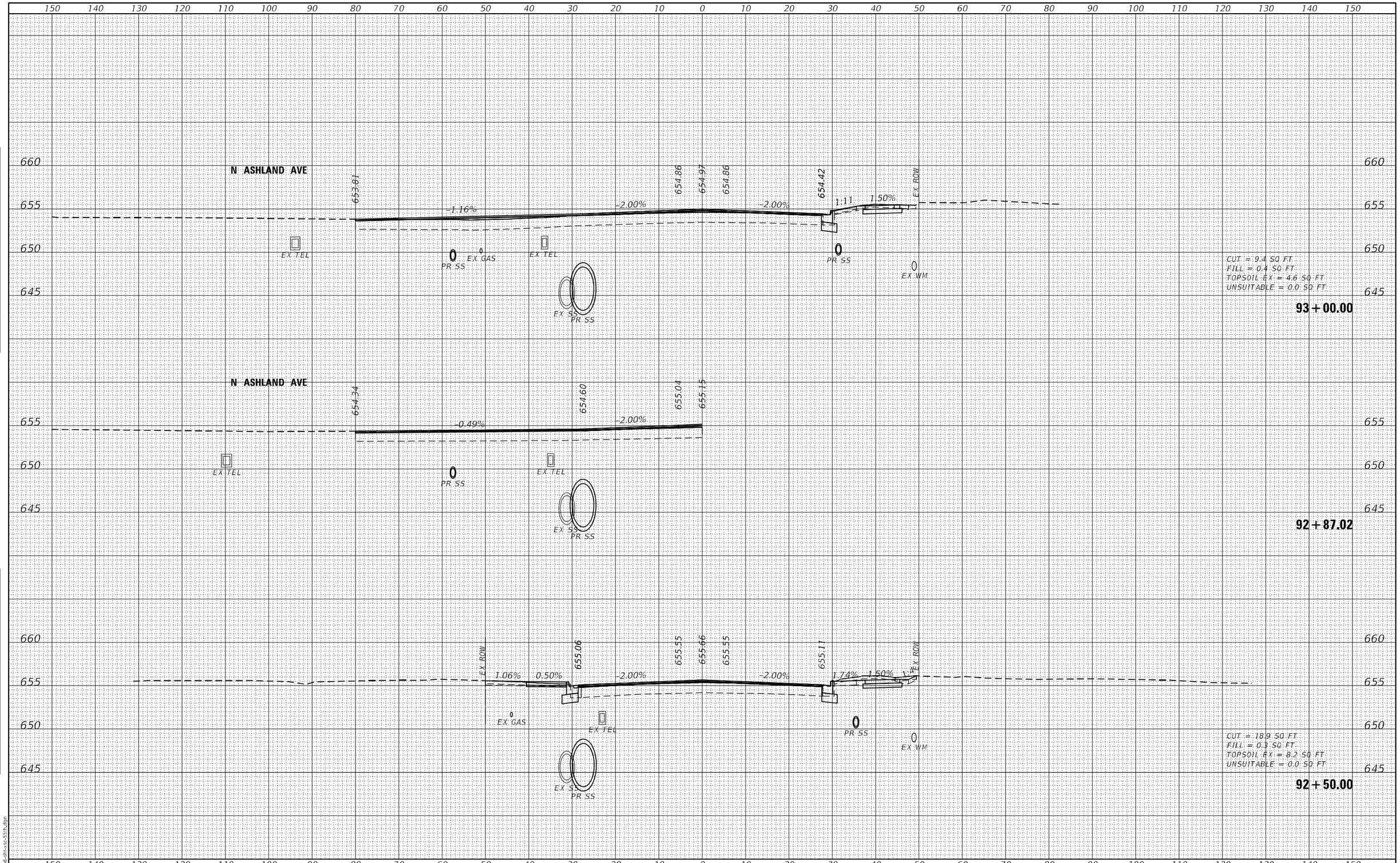
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY | NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

ORIGINAL SURVEY | NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

MODEL: Default
FILE NAME: 12166-sht-xsc-55th.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -	
PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

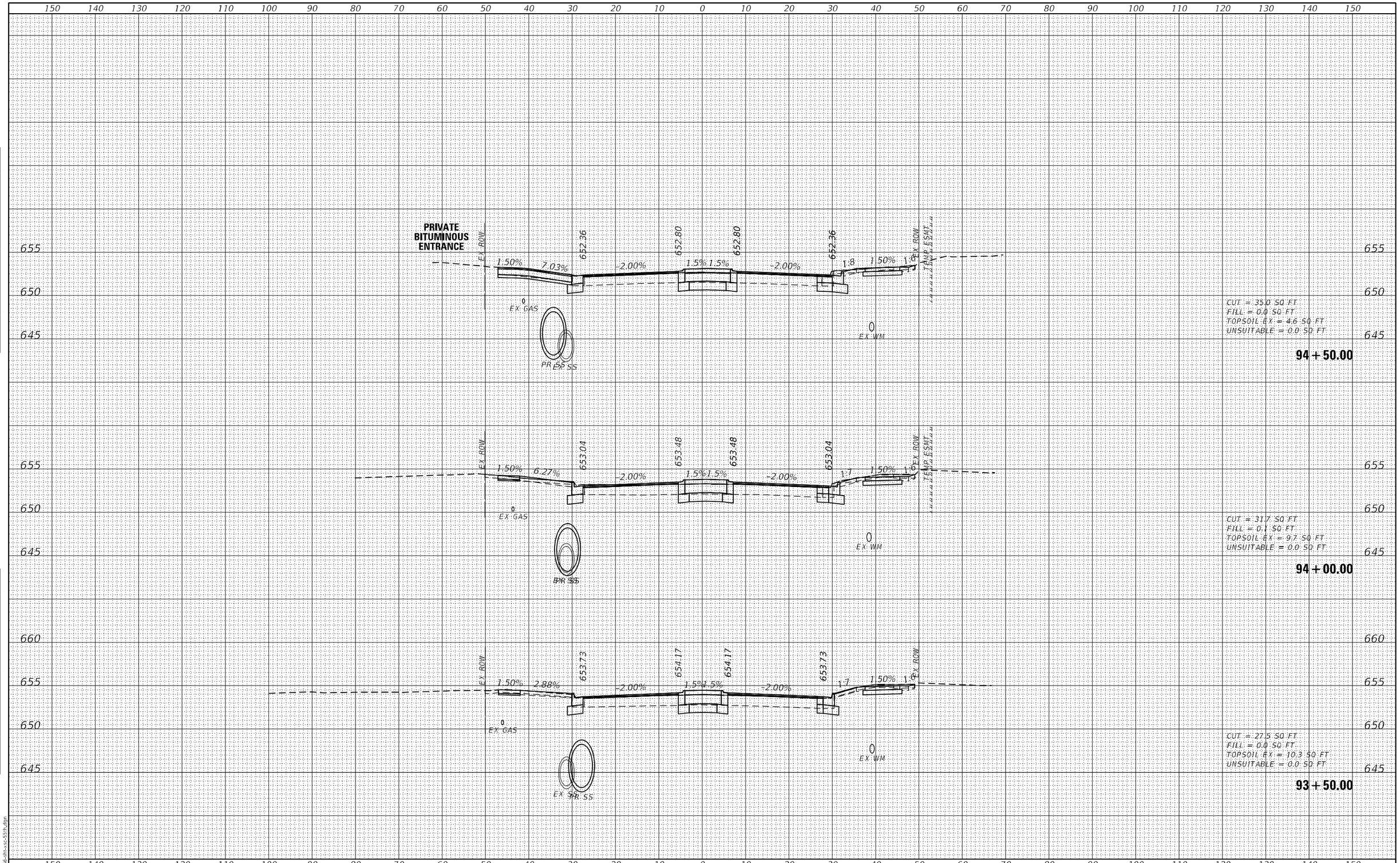
55TH STREET CROSS SECTIONS

SCALE: H:1"=10';V:1"=5' | SHEET 3 OF 34 SHEETS | STA. 92+50.00 TO STA. 93+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	224

CONTRACT NO. 60R50

ILLINOIS | FED. AID PROJECT



ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED	PLOTTED	
PLOTTED	TEMPLATE	
TEMPLATE	AREAS	
AREAS	AREAS CHECKED	
AREAS CHECKED	BY	DATE

FINAL SURVEY	NOTE BOOK	NO.
SURVEYED	PLOTTED	
PLOTTED	TEMPLATE	
TEMPLATE	AREAS	
AREAS	AREAS CHECKED	
AREAS CHECKED	BY	DATE

MODEL: Default
FILE NAME: 121166-tm-xsc-55th.dgn

BURNS McDONNELL

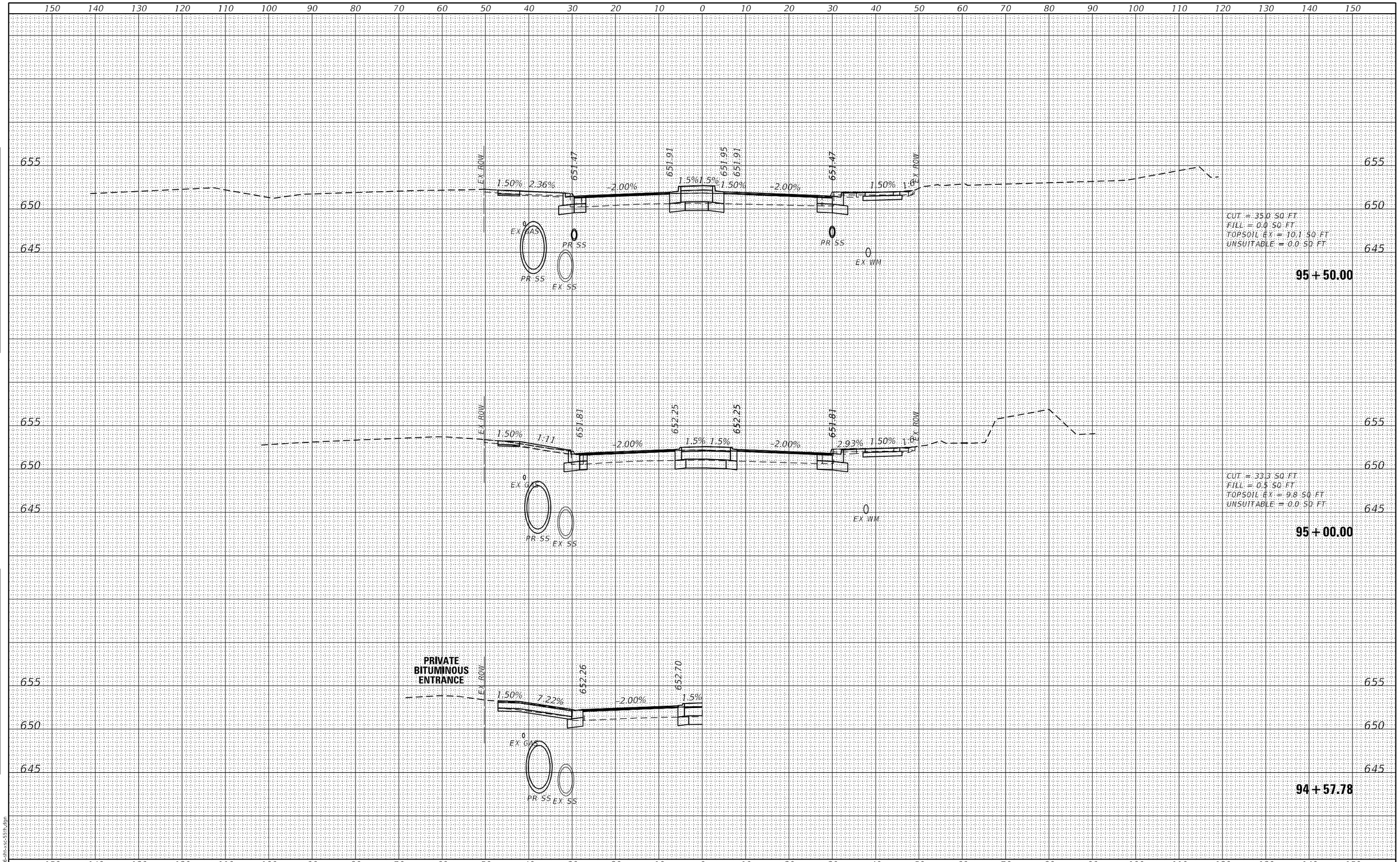
USER NAME = rjiang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -	
PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET CROSS SECTIONS

SCALE: H:1"=10';V:1"=5' | SHEET 4 OF 34 SHEETS | STA. 93+50.00 TO STA. 94+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	225
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

MODEL: Default
FILE NAME: 121166-dm-sc-55th.dgn

BURNS McDONNELL

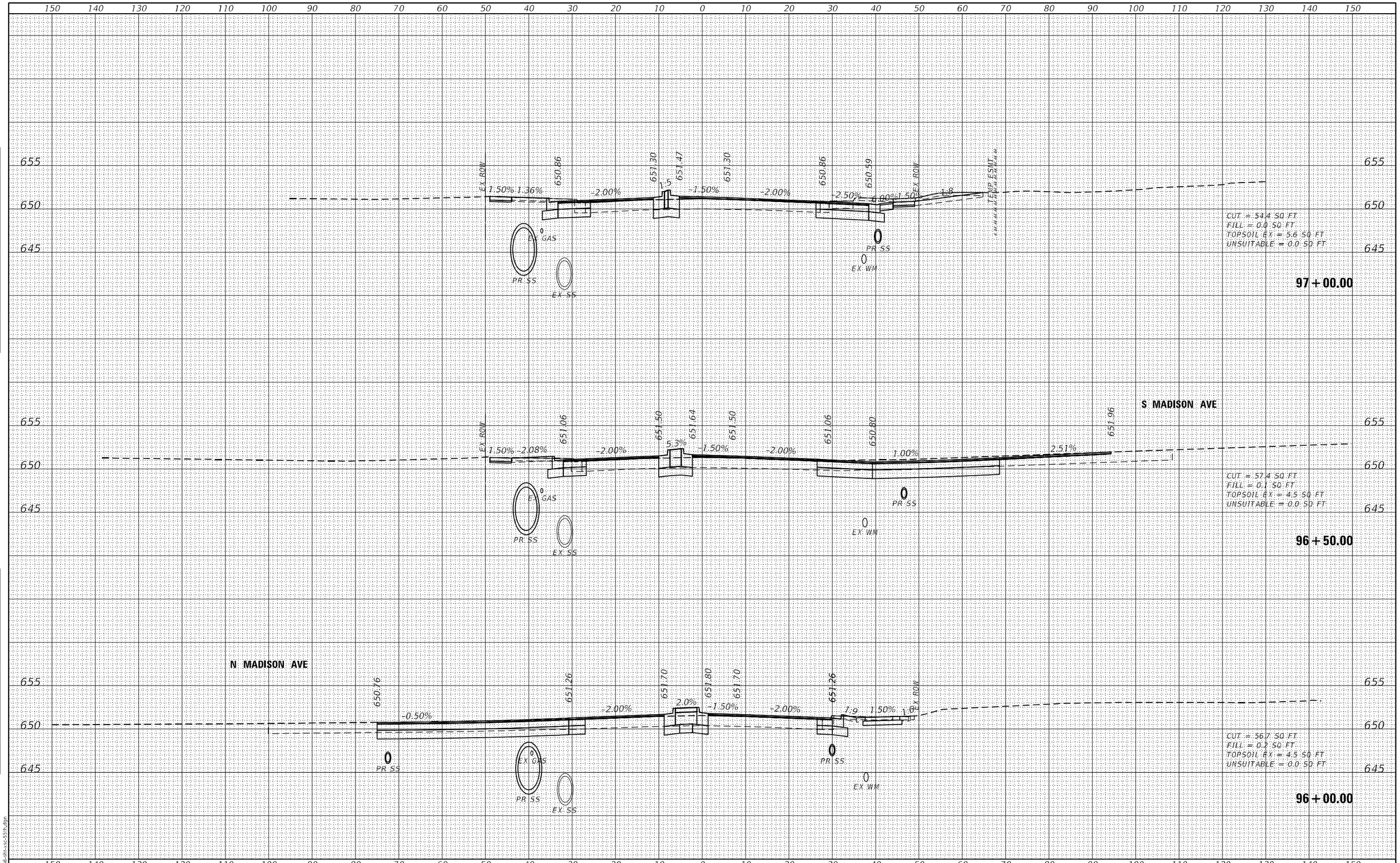
USER NAME = rjiang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -	
PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET CROSS SECTIONS

SCALE: H:1"=10';V:1"=5' | SHEET 5 OF 34 SHEETS | STA. 94+57.78 | TO STA. 95+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	226
		CONTRACT NO. 60R50		
	ILLINOIS FED. AID PROJECT			



FINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

MODEL: Default
FILE NAME: 12-166-sht-xsc-55th.dgn

BURNS McDONNELL

USER NAME = rjlang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

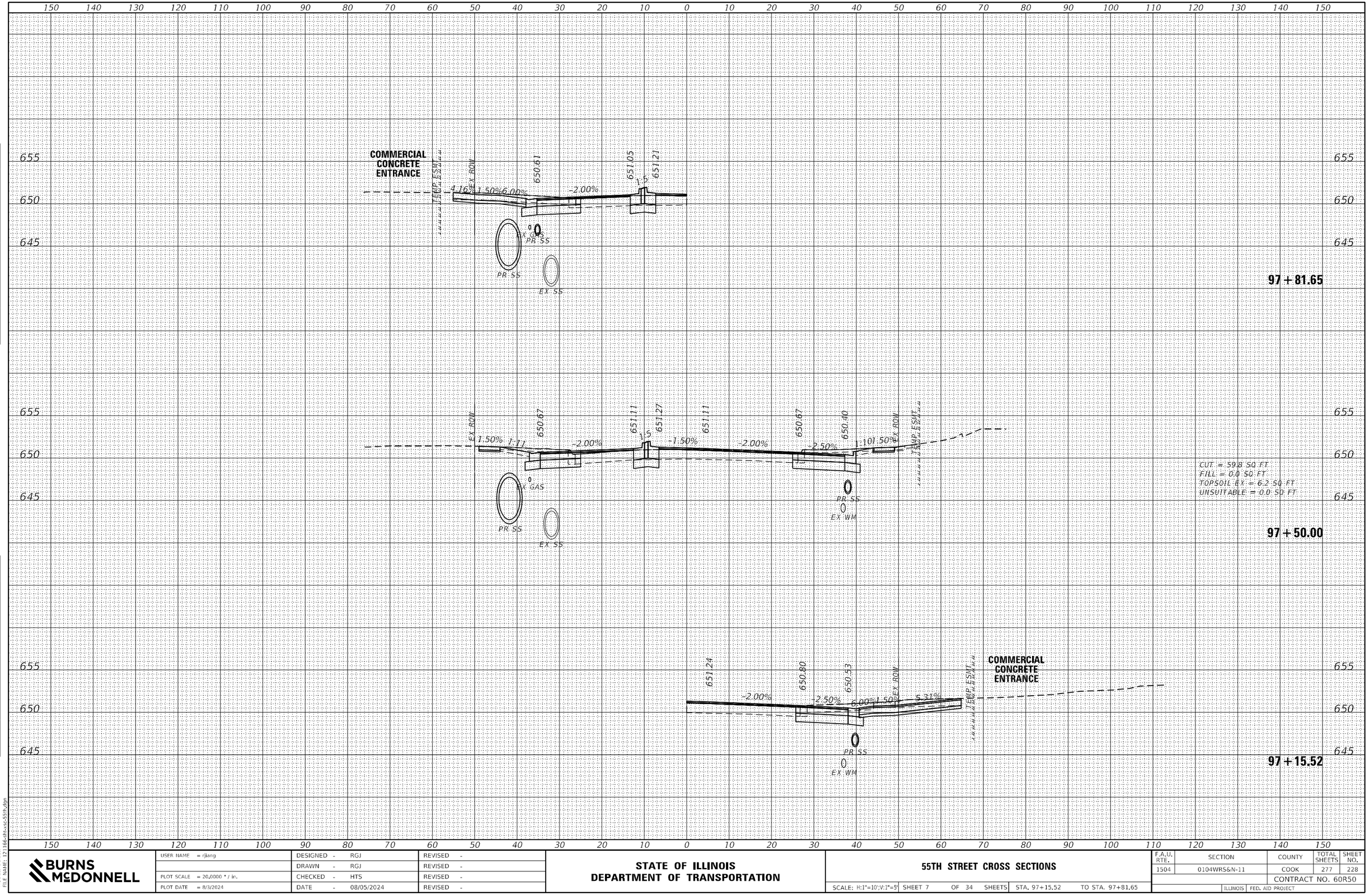
55TH STREET CROSS SECTIONS

SCALE: H:1"=10';V:1"=5' | SHEET 6 OF 34 SHEETS | STA. 96+00.00 TO STA. 97+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	227
		CONTRACT NO. 60R50		
	ILLINOIS FED. AID PROJECT			

FINAL SURVEY	NOTE BOOK	NO.
SURVEYED	BY	
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED	BY	
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		



BURNS McDONNELL	USER NAME = rjiang	DESIGNED - RGJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
		DRAWN - RGJ	REVISED -	
	PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -	
	PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

55TH STREET CROSS SECTIONS

SCALE: H:1"=10';V:1"=5' | SHEET 7 OF 34 SHEETS | STA. 97+15.52 TO STA. 97+81.65

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	228
		CONTRACT NO. 60R50		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
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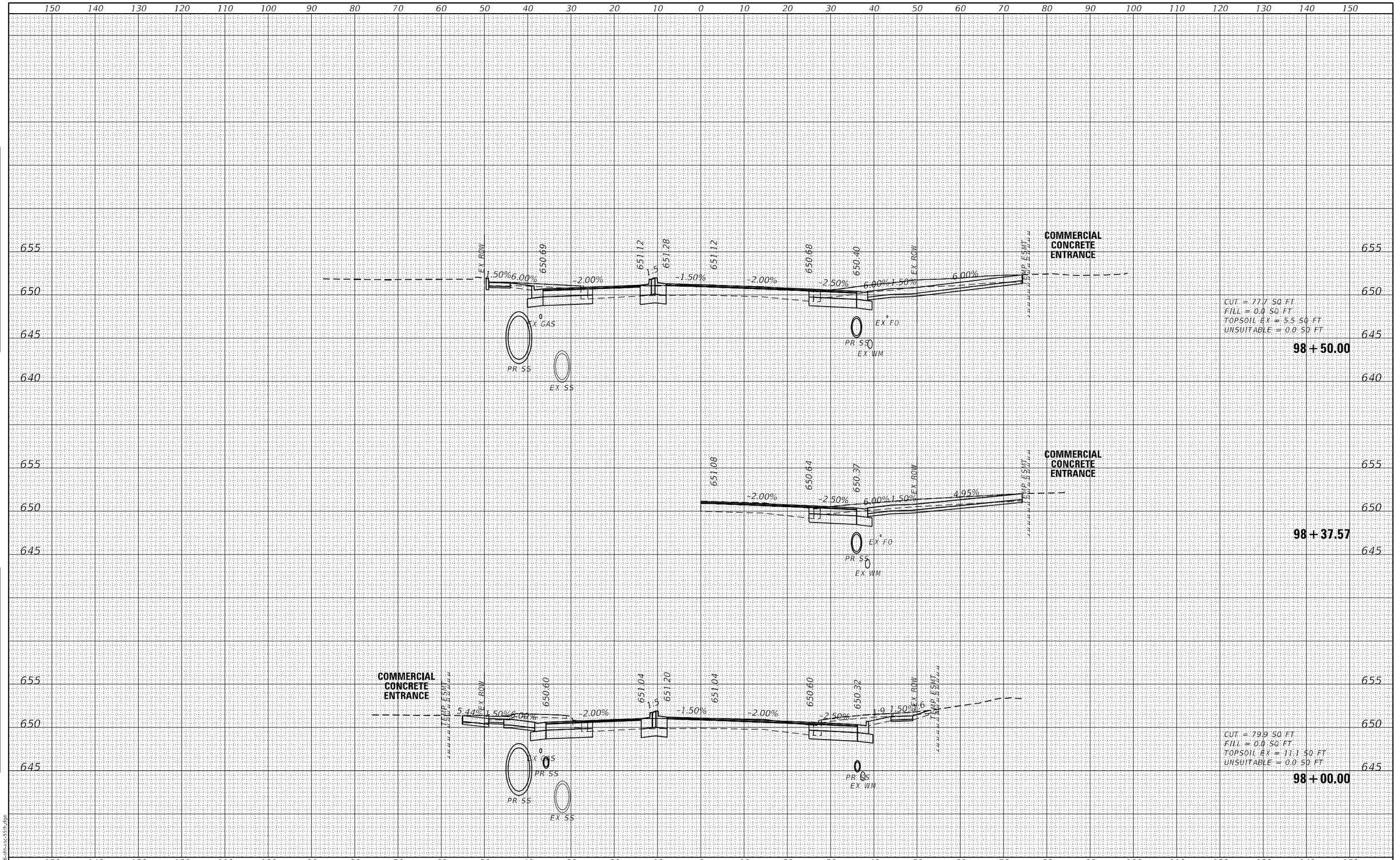


FINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

MODEL: Default
FILE NAME: I:\2116<dh>\xc-55h.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - RGJ	REVISED -
	DRAWN - RGJ	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET CROSS SECTIONS

SCALE: H:1"=10';V:1"=5' | SHEET 8 OF 34 SHEETS | STA. 98+00.00 | TO STA. 98+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	229
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

650
645
640

EX GAS
EX WM
EX SS
EX FO
EX SS
PR SS
PR SS

CUT = 0.0 SQ FT
FILL = 0.0 SQ FT
TOPSOIL EX = 0.0 SQ FT
UNSUITABLE = 0.0 SQ FT

100 + 00.00

55TH STREET/LAGRANGE ROAD INTERSECTION

655
650
645
640

PR ROW
650.35
650.76
651.37
651.51
651.37
650.93
EX ROW
650.82
PR ROW
2.57%
1.50%
-2.00%
-2.77%
-1.88%
-1.50%
-2.00%
-0.31%
1.50%
7.62%

EX GAS
EX SS
EX WM
EX SS
EX FO
EX WM
PR SS

CUT = 137.8 SQ FT
FILL = 16.7 SQ FT
TOPSOIL EX = 11.3 SQ FT
UNSUITABLE = 0.0 SQ FT

99 + 50.00

655
650
645
640

TEMP ESMT
EX ROW
650.68
650.83
651.27
651.43
651.27
650.83
650.55
EX ROW
TEMP ESMT
4.50%
-2.58%
-2.00%
-1.50%
-2.00%
-2.50%
7.11%
4.50%
1.11%

EX GAS
EX WM
PR SS
EX SS
EX FO
PR SS
EX WM

CUT = 80.4 SQ FT
FILL = 0.4 SQ FT
TOPSOIL EX = 5.4 SQ FT
UNSUITABLE = 0.0 SQ FT

99 + 00.00

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

MODEL: Default
FILE NAME: 12166-rhx-xc-55th.dgn

BURNS McDONNELL

USER NAME = rjiang
PLOT SCALE = 20.0000 ' / in.
PLOT DATE = 8/3/2024

DESIGNED - RGJ
DRAWN - RGJ
CHECKED - HTS
DATE - 08/05/2024

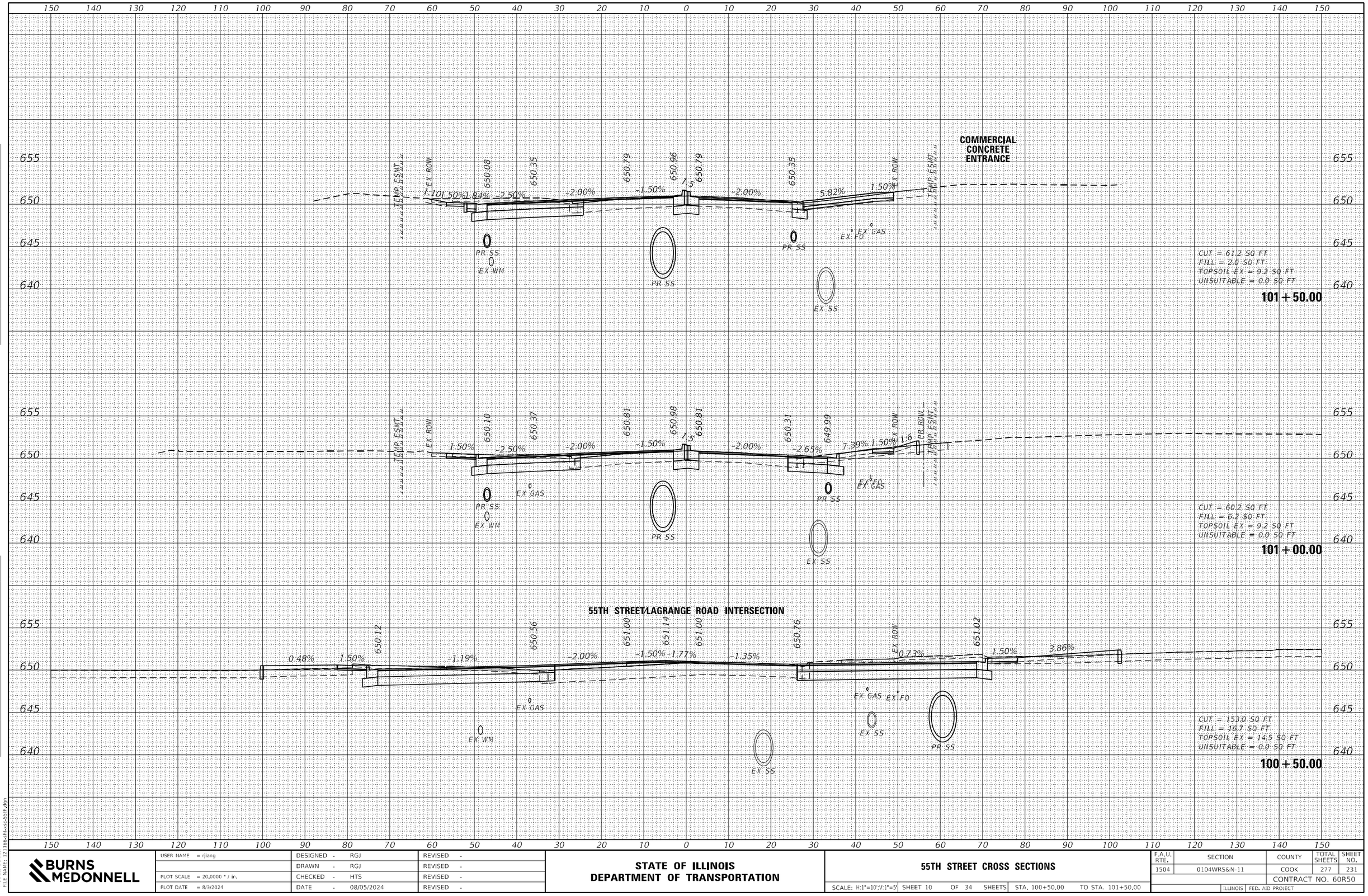
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET CROSS SECTIONS

SCALE: H:1"=10';V:1"=5' | SHEET 9 OF 34 SHEETS | STA. 99+00.00 TO STA. 100+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	230
		CONTRACT NO. 60R50		
	ILLINOIS FED. AID PROJECT			



FINAL SURVEY	NOTE BOOK	NO.
SURVEYED	PLOTTED	BY
PLOTTED	TEMPLATE	DATE
TEMPLATE	AREAS	
AREAS	AREAS CHECKED	
AREAS CHECKED		

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED	PLOTTED	BY
PLOTTED	TEMPLATE	DATE
TEMPLATE	AREAS	
AREAS	AREAS CHECKED	
AREAS CHECKED		

MODEL: Default
FILE NAME: I:\1166-sht-xsc-55th.dgn

BURNS McDONNELL

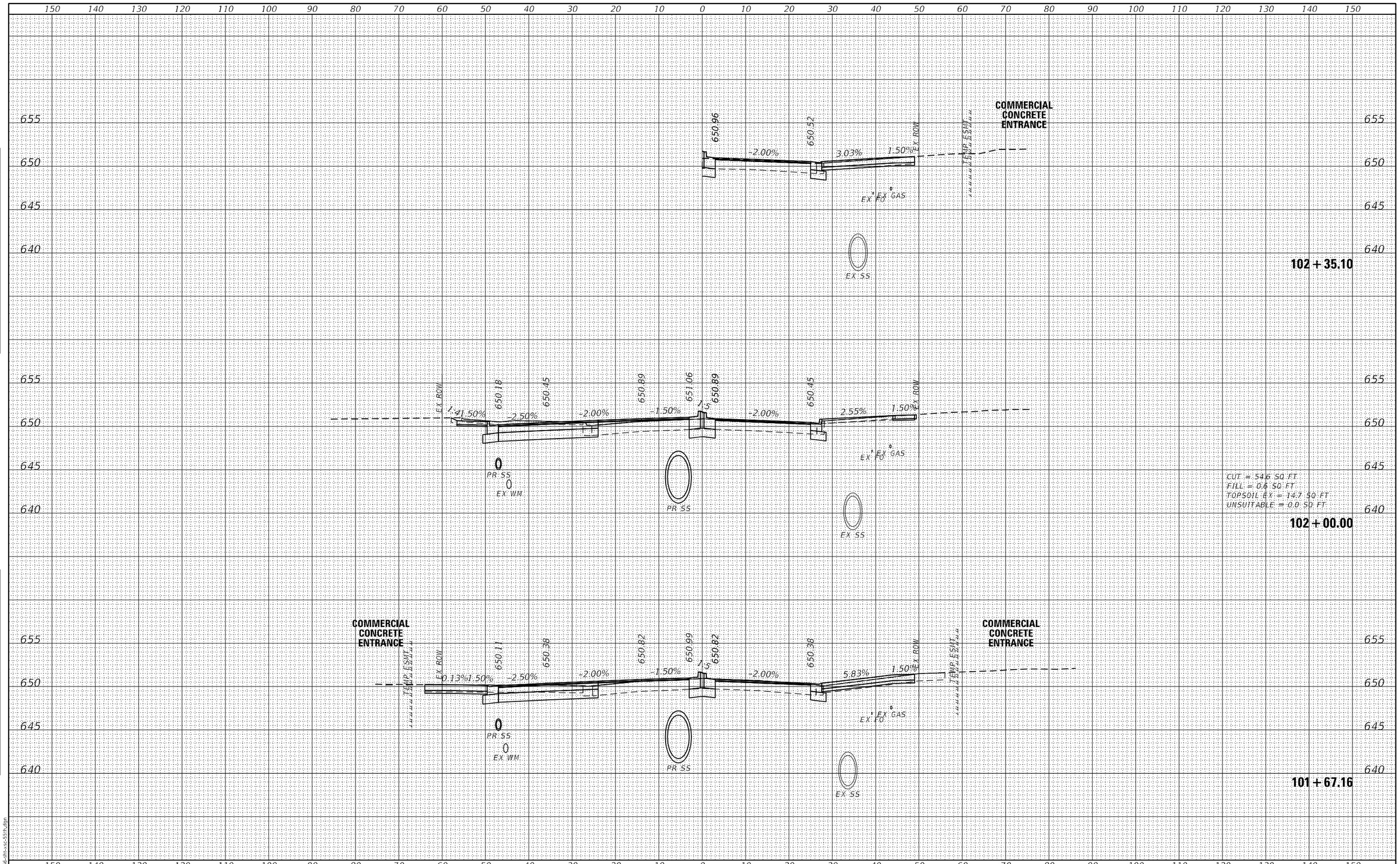
USER NAME = rjiang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET CROSS SECTIONS

SCALE: H:1"=10';V:1"=5' | SHEET 10 OF 34 SHEETS | STA. 100+50.00 TO STA. 101+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	231
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY		BY	DATE
NOTE BOOK NO.	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK NO.	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

MODEL: Default
FILE NAME: 121166-sht-xsc-55th.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - RGJ	REVISED -	
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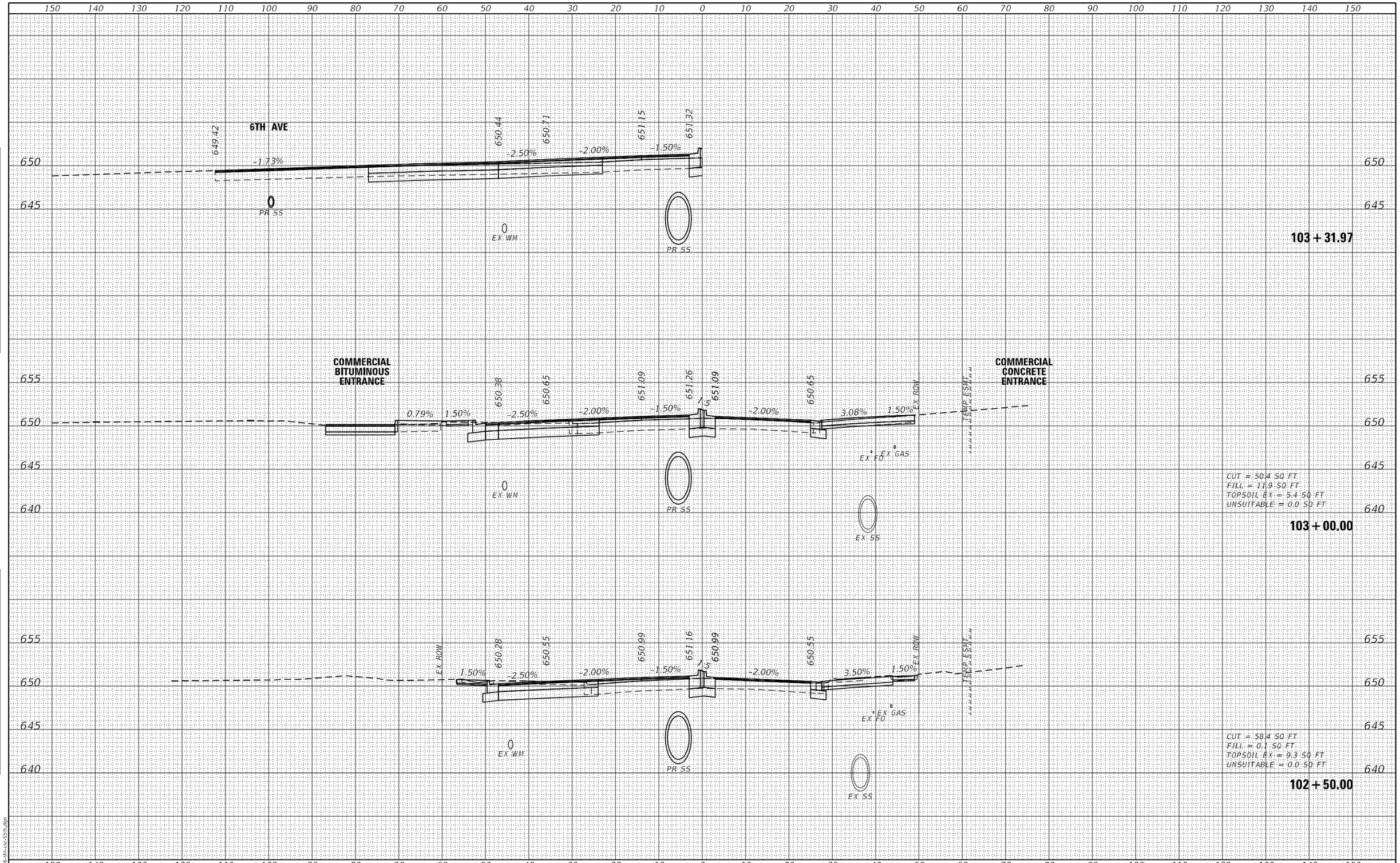
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET CROSS SECTIONS

SCALE: H:1"=10';V:1"=5' | SHEET 11 OF 34 SHEETS | STA. 101+67.16 TO STA. 102+35.10

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	232
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		BY
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		DATE

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		BY
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		DATE

MODEL: Default
FILE NAME: I21166-dh-xsc-55th.dgn

BURNS McDONNELL

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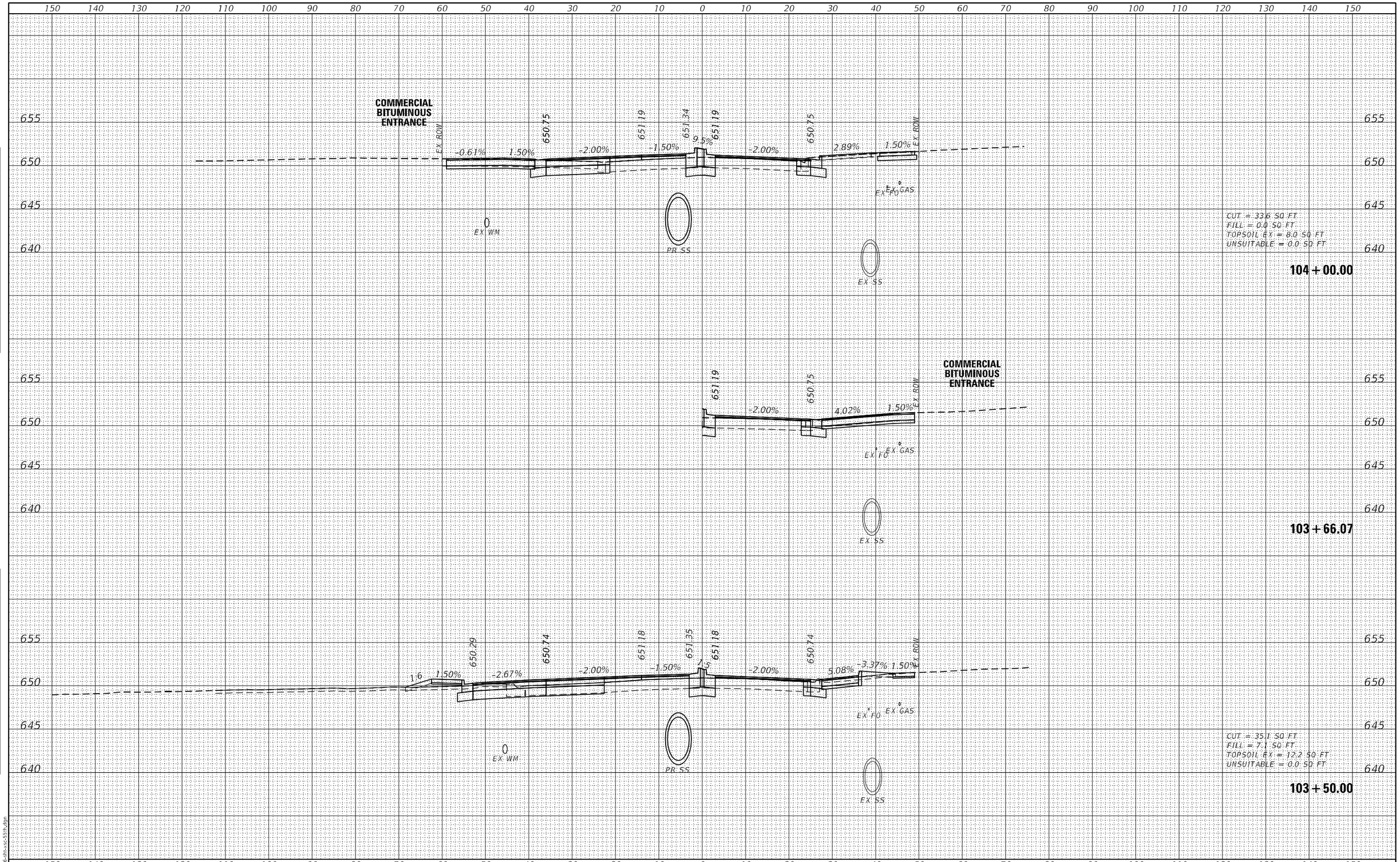
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET CROSS SECTIONS

SCALE: H:1"=10';V:1"=5' | SHEET 12 OF 34 SHEETS | STA. 102+50.00 | TO STA. 103+31.97

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	233
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY	NOTE BOOK	NO.	BY	DATE
SURVEYED				
PLOTTED				
TEMPLATE				
AREAS				
AREAS CHECKED				

ORIGINAL SURVEY	NOTE BOOK	NO.	BY	DATE
SURVEYED				
PLOTTED				
TEMPLATE				
AREAS				
AREAS CHECKED				

MODEL: Default
FILE NAME: I:\2166-thr-xsc-55th.dgn

BURNS McDONNELL

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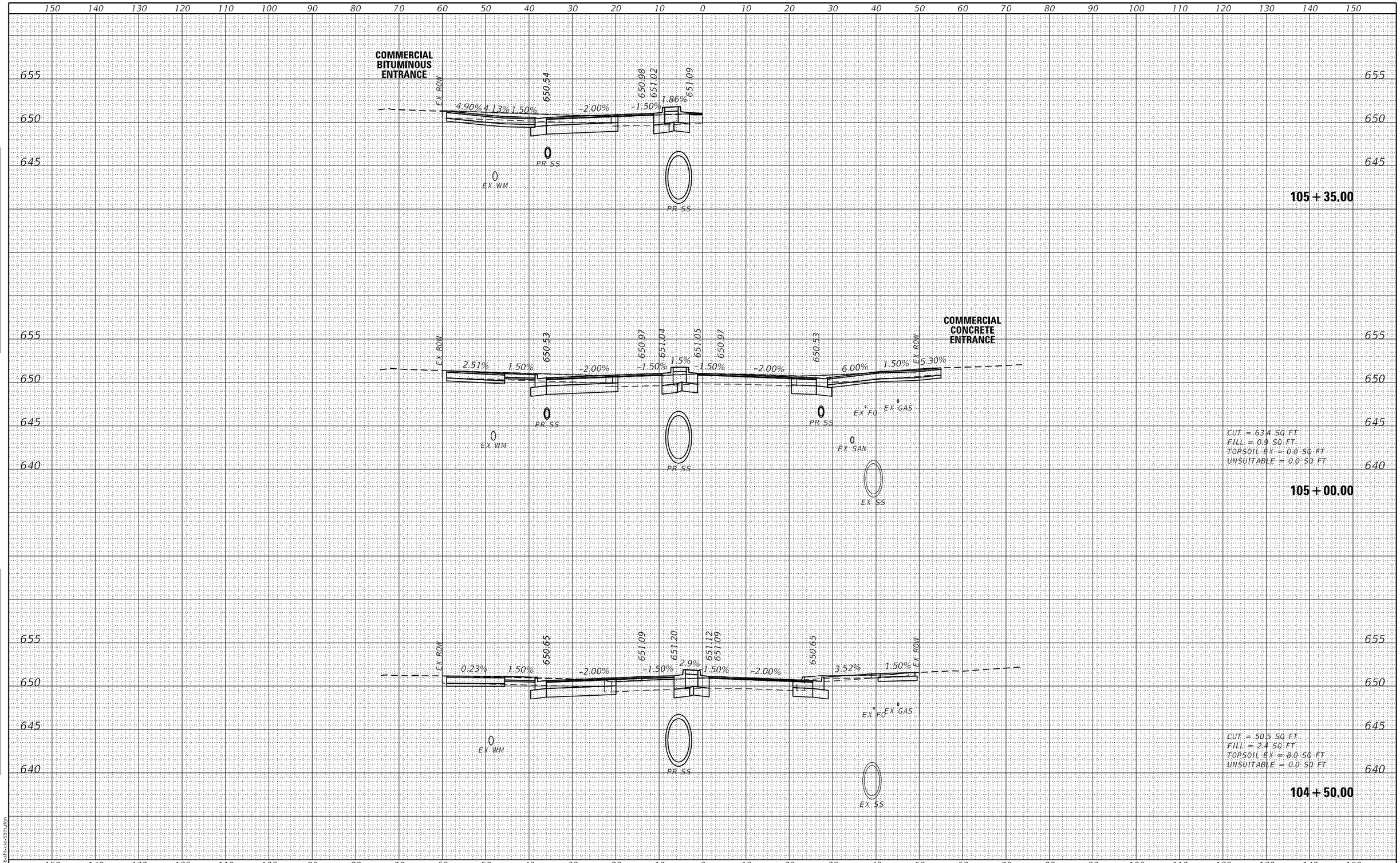
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET CROSS SECTIONS

SCALE: H:1"=10';V:1"=5' | SHEET 13 OF 34 SHEETS | STA. 103+50.00 | TO STA. 104+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	234
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY		BY	DATE
NOTE BOOK NO.	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK NO.	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

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BURNS McDONNELL

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	DRAWN - RGJ	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

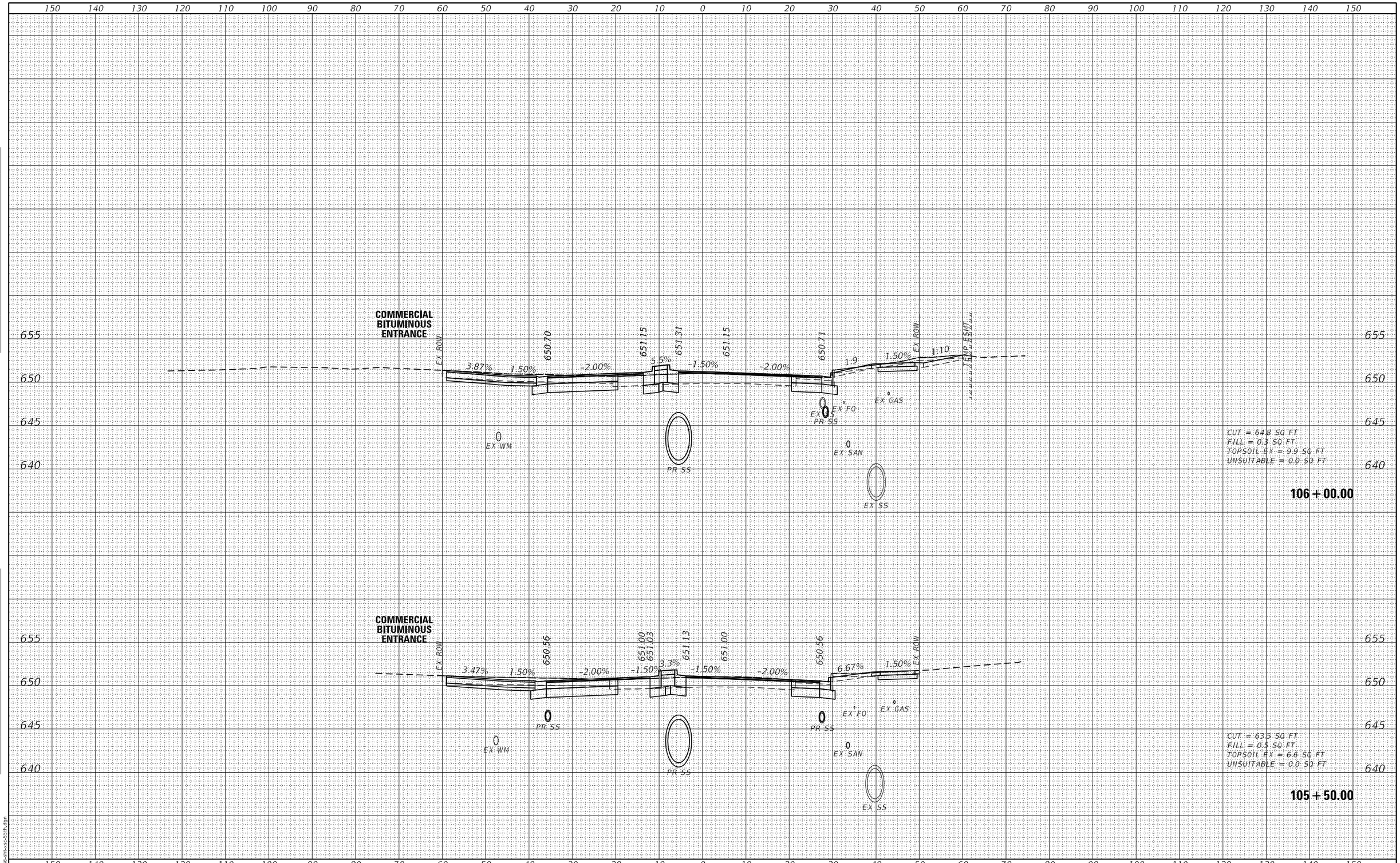
55TH STREET CROSS SECTIONS

SCALE: H:1"=10';V:1"=5' | SHEET 14 OF 34 SHEETS | STA. 104+50.00 TO STA. 105+35.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	235

CONTRACT NO. 60R50

ILLINOIS | FED. AID PROJECT



FINAL SURVEY | NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

ORIGINAL SURVEY | NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

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BURNS McDONNELL

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	DRAWN - RGJ	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

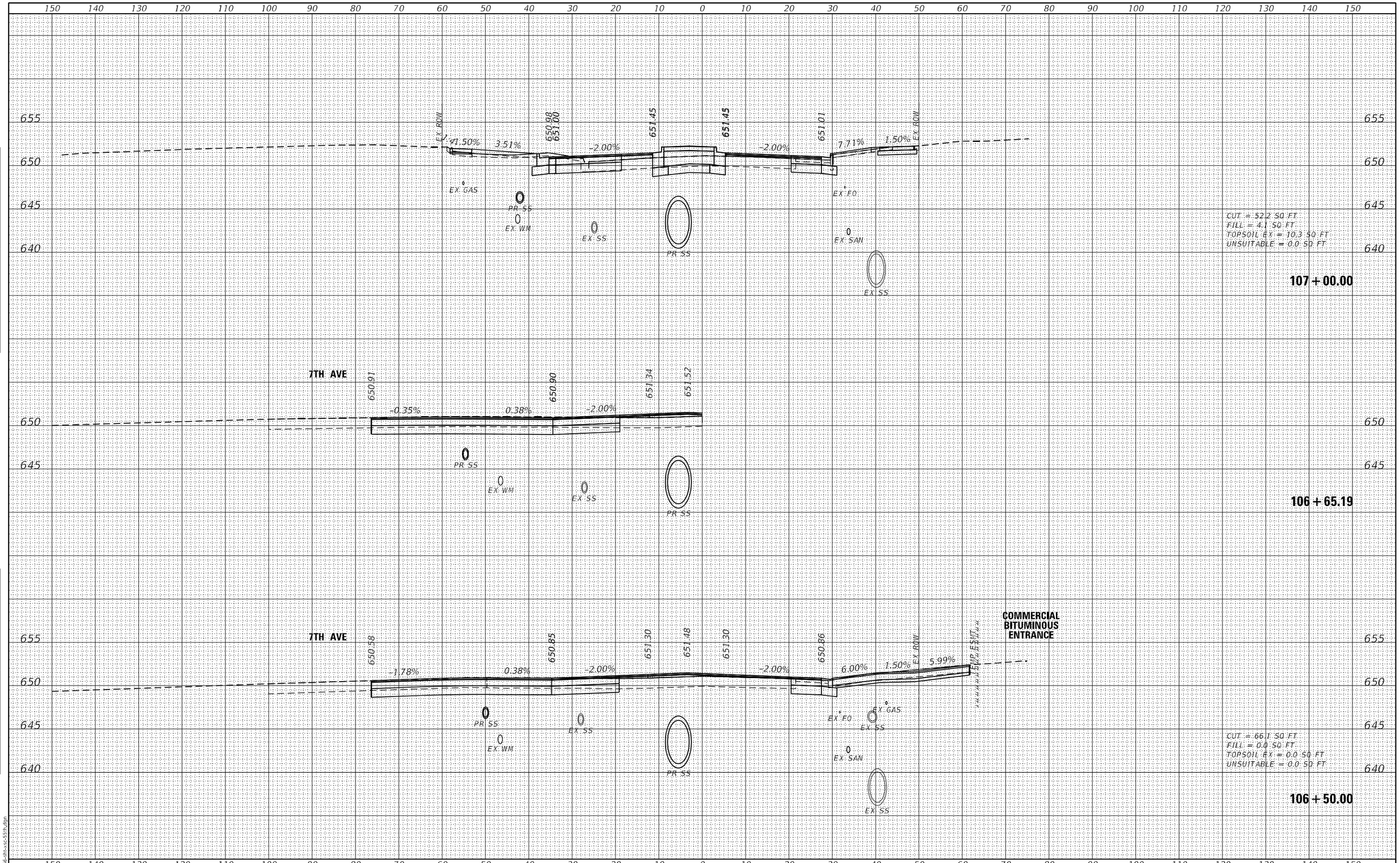
55TH STREET CROSS SECTIONS

SCALE: H:1"=10';V:1"=5' | SHEET 15 OF 34 SHEETS | STA. 105+50.00 TO STA. 106+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	236

CONTRACT NO. 60R50

ILLINOIS | FED. AID PROJECT



FINAL SURVEY	BY	DATE
NOTE BOOK		
NO.		

SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

ORIGINAL SURVEY	BY	DATE
NOTE BOOK		
NO.		

SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

MODEL: Default
FILE NAME: I:\2166-sht\xs-55h.dgn

BURNS McDONNELL

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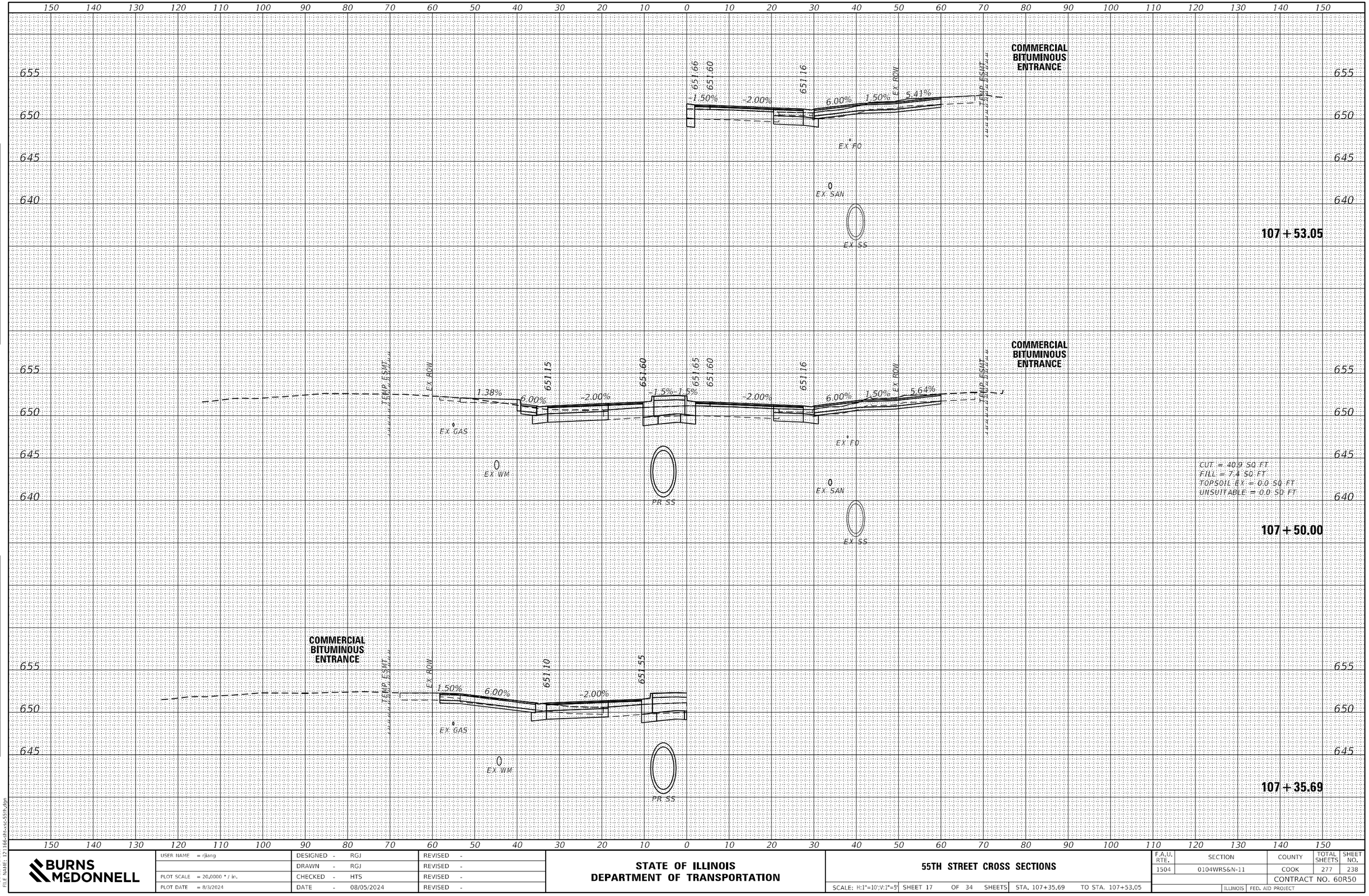
	DRAWN - RGJ	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET CROSS SECTIONS

SCALE: H:1"=10',V:1"=5' | SHEET 16 OF 34 SHEETS | STA. 106+50.00 | TO STA. 107+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	237
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY — NOTE BOOK — NO. — BY — DATE
SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED

ORIGINAL SURVEY — NOTE BOOK — NO. — BY — DATE
SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED

MODEL: Default
FILE NAME: I:\1166-dh-xsc-55th.dgn

BURNS McDONNELL

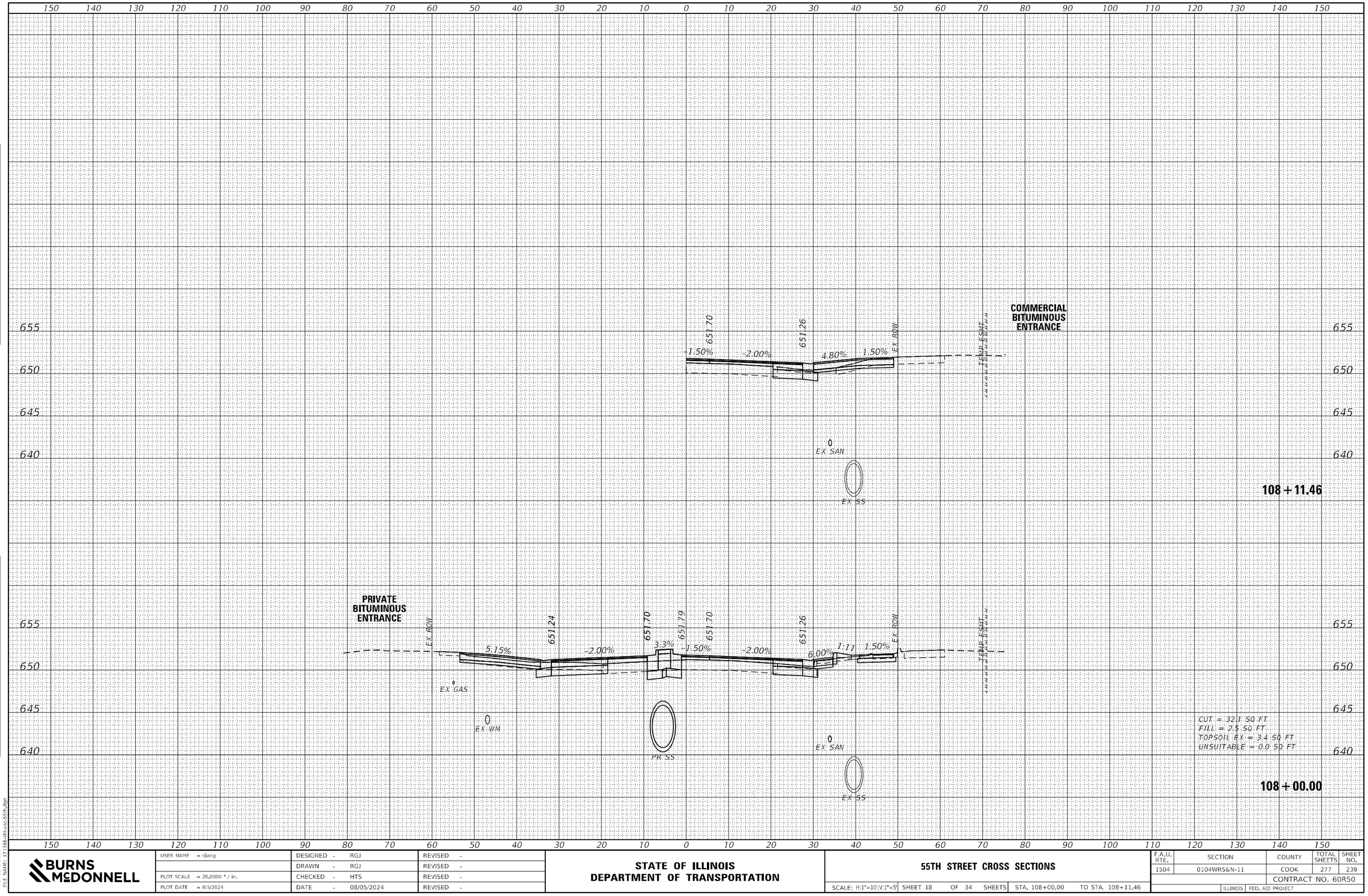
USER NAME = rjiang	DESIGNED - RGJ	REVISED -
	DRAWN - RGJ	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET CROSS SECTIONS

SCALE: H:1"=10';V:1"=5' | SHEET 17 OF 34 SHEETS | STA. 107+35.69 | TO STA. 107+53.05

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	238
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

MODEL: Default
FILE NAME: 121166-sht-xsc-55th.dgn

BURNS McDONNELL

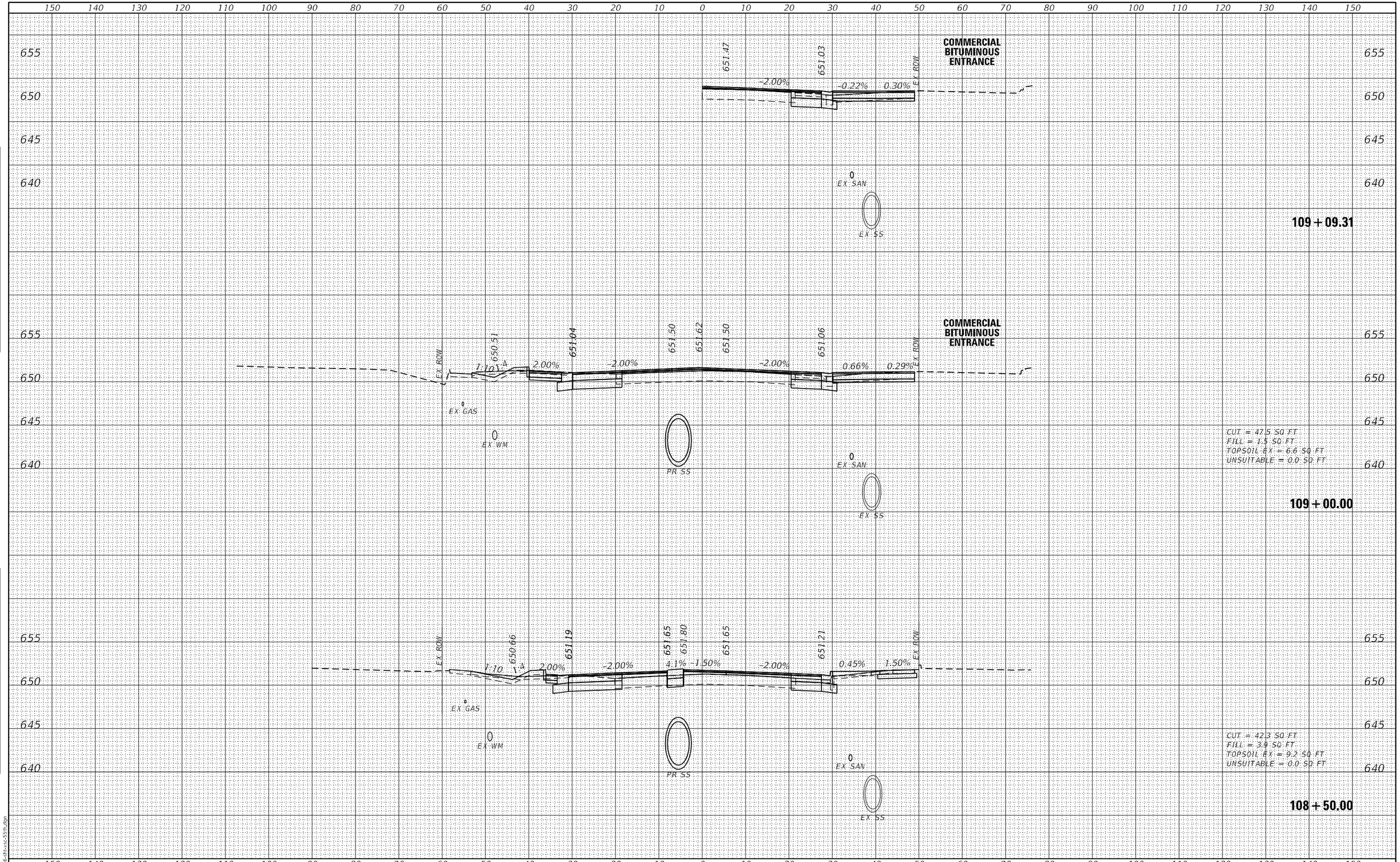
USER NAME = rjiang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET CROSS SECTIONS

SCALE: H:1"=10';V:1"=5' | SHEET 18 OF 34 SHEETS | STA. 108+00.00 TO STA. 108+11.46

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	239
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

BY | DATE

MODEL: Default
FILE NAME: I:\2166-thr-xsc-55th.dgn

BURNS McDONNELL

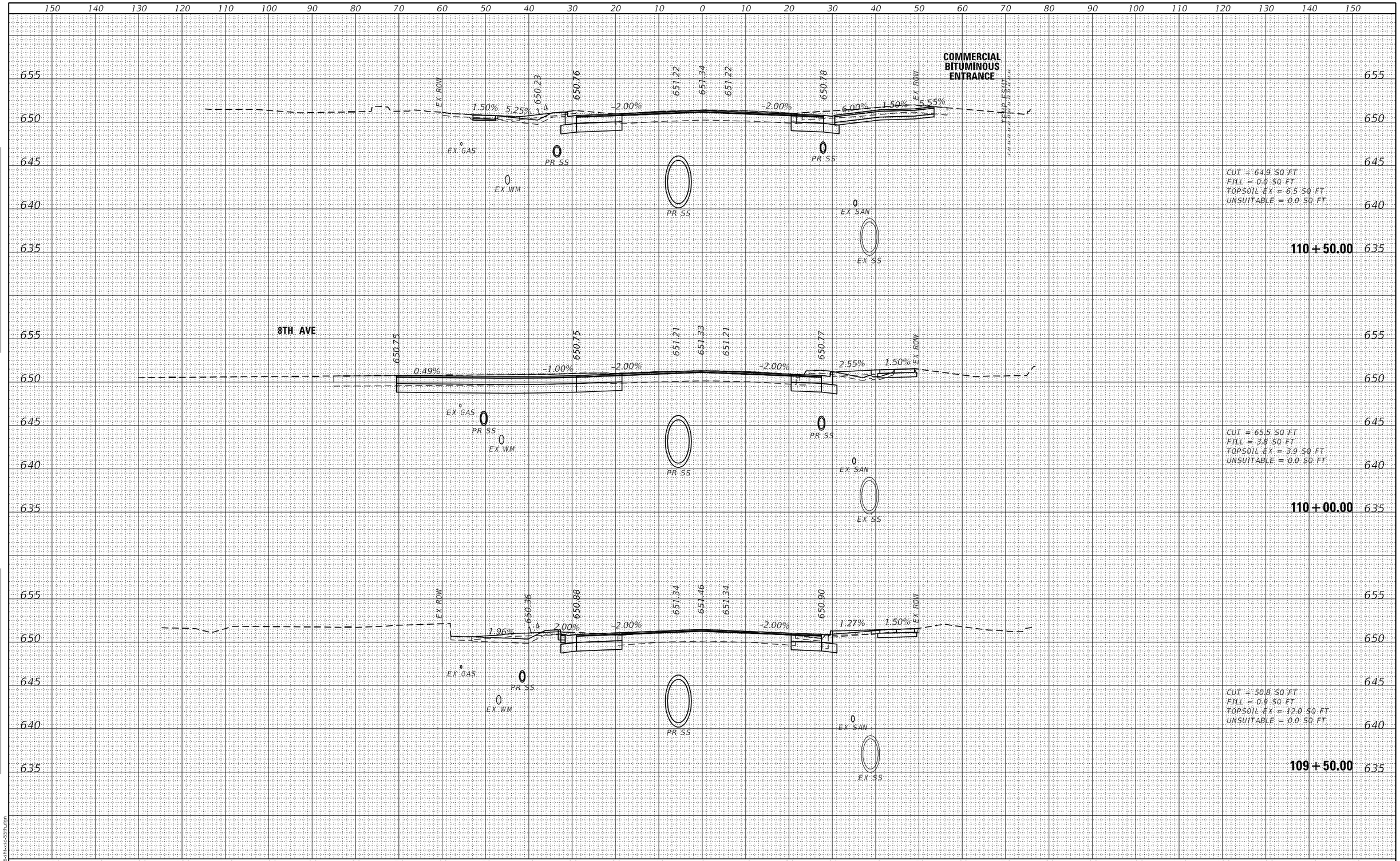
USER NAME = rjlang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET CROSS SECTIONS

SCALE: H:1"=10';V:1"=5' | SHEET 19 OF 34 SHEETS | STA. 108+50.00 | TO STA. 109+09.31

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	240
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

MODEL: Default
FILE NAME: I:\166-thr-xc-55th.dgn

BURNS McDONNELL

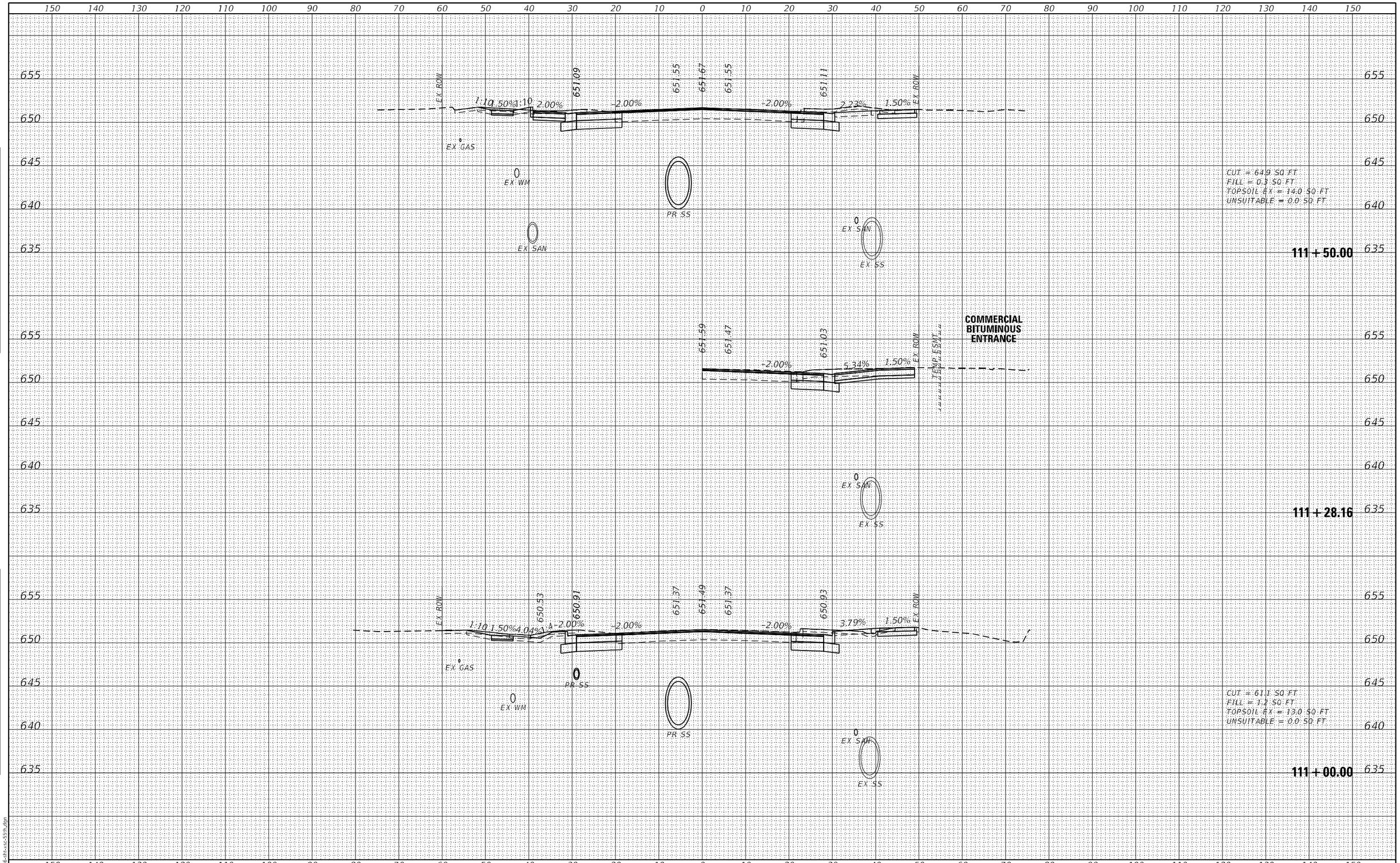
USER NAME = rjlang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET CROSS SECTIONS

SCALE: H:1"=10';V:1"=5' | SHEET 20 OF 34 SHEETS | STA. 109+50.00 TO STA. 110+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	241
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY

NOTE BOOK	SURVEYED	BY
	PLOTTED	
	TEMPLATE	
	AREAS	
NO.	AREAS CHECKED	DATE

ORIGINAL SURVEY

NOTE BOOK	SURVEYED	BY
	PLOTTED	
	TEMPLATE	
	AREAS	
NO.	AREAS CHECKED	DATE

MODFL: Default
FILE NAME: 12166-ht-xc-55th.dgn

BURNS McDONNELL

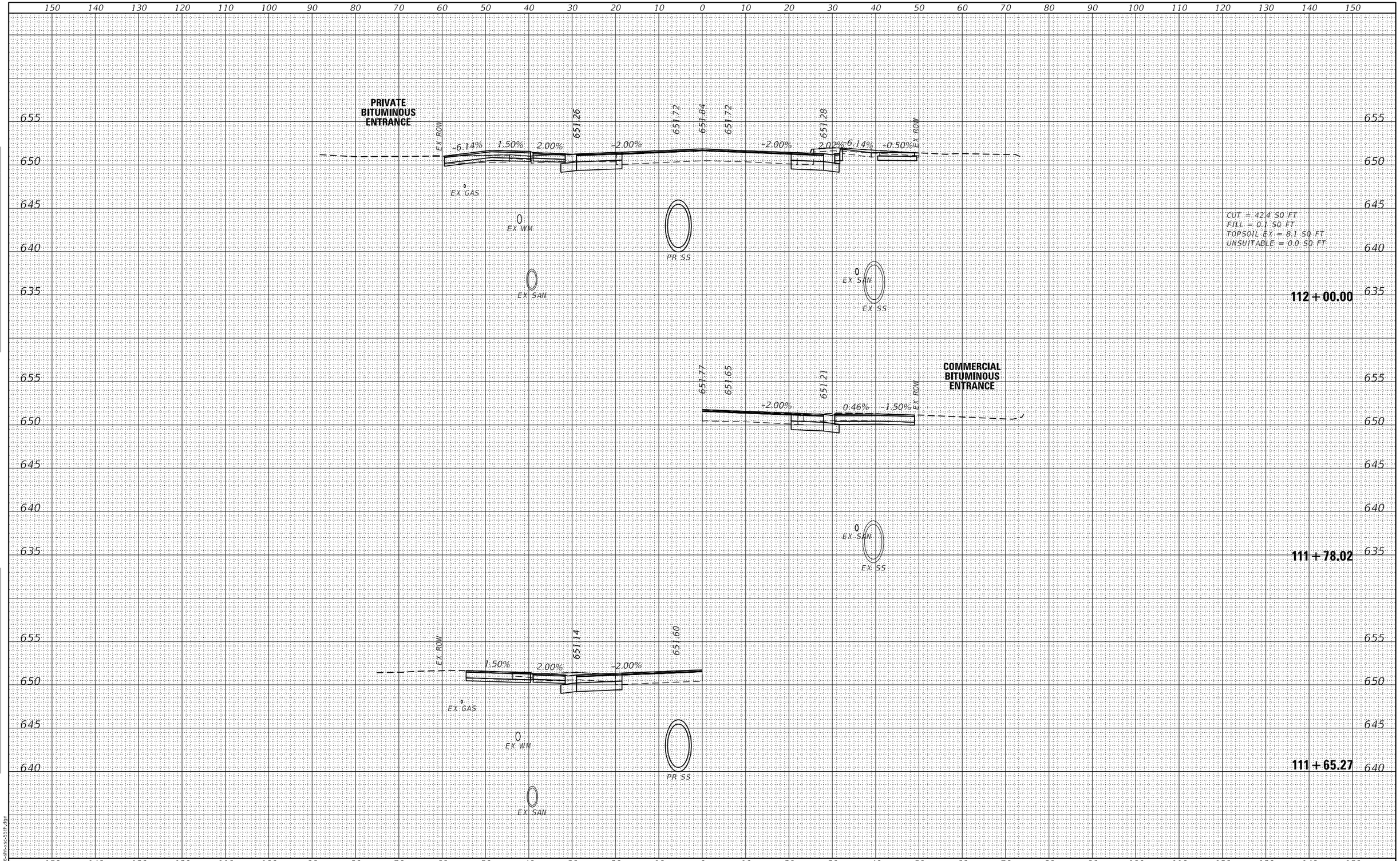
USER NAME = rjlang	DESIGNED - RGJ	REVISED -
	DRAWN - RGJ	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET CROSS SECTIONS

SCALE: H:1"=10';V:1"=5' | SHEET 21 OF 34 SHEETS | STA. 111+00.00 | TO STA. 111+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	242
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

MODEL: Default
FILE NAME: 121166-sht-xsc-55th.dgn

BURNS McDONNELL

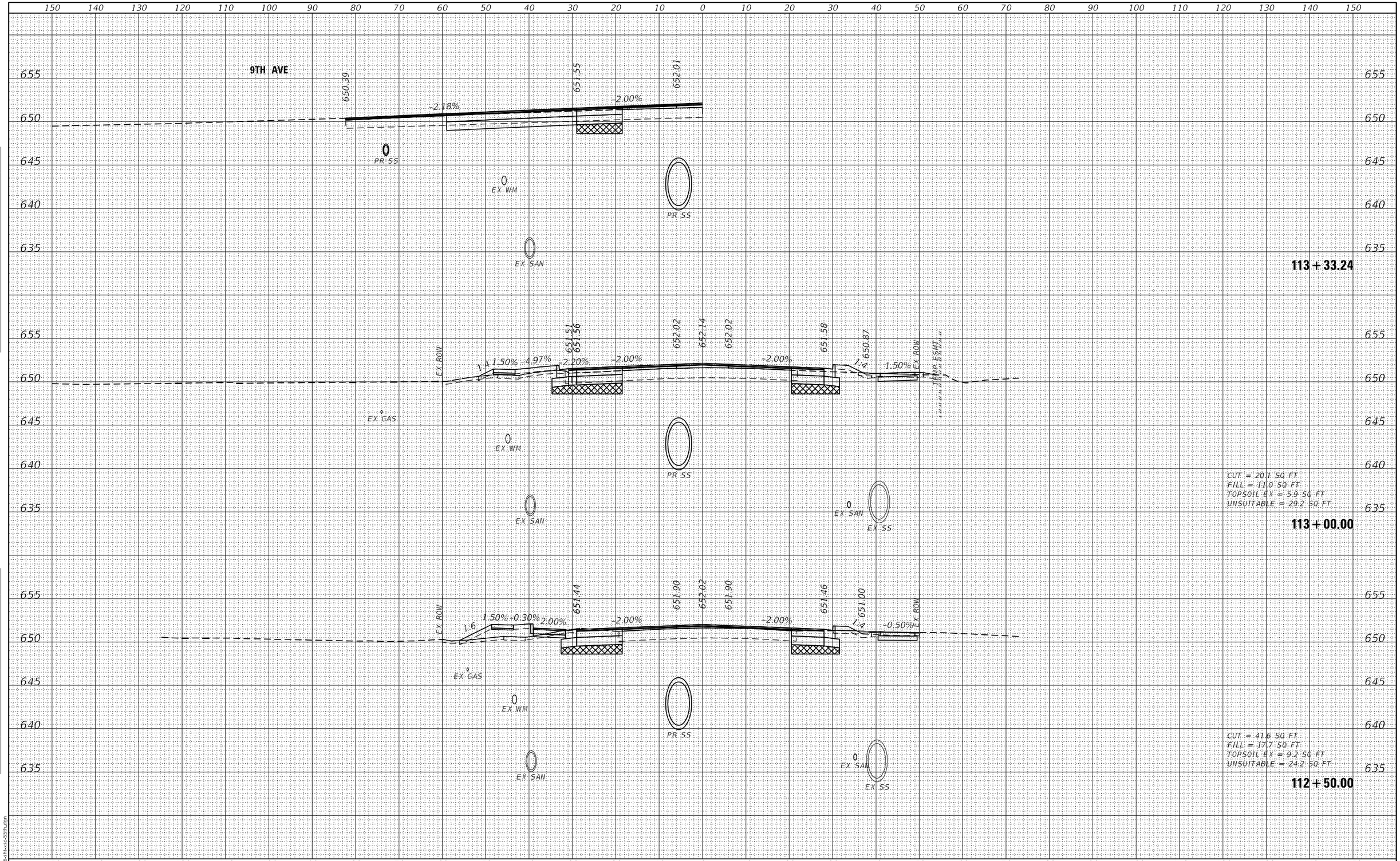
USER NAME = rjiang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET CROSS SECTIONS

SCALE: H:1"=10';V:1"=5' | SHEET 22 OF 34 SHEETS | STA. 111+65.27 TO STA. 112+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	243
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY | NOTE BOOK | NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

ORIGINAL SURVEY | NOTE BOOK | NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

MODEL: Default
FILE NAME: 12116-sht-xsc-55th.dgn

BURNS McDONNELL

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	DRAWN - RGJ	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

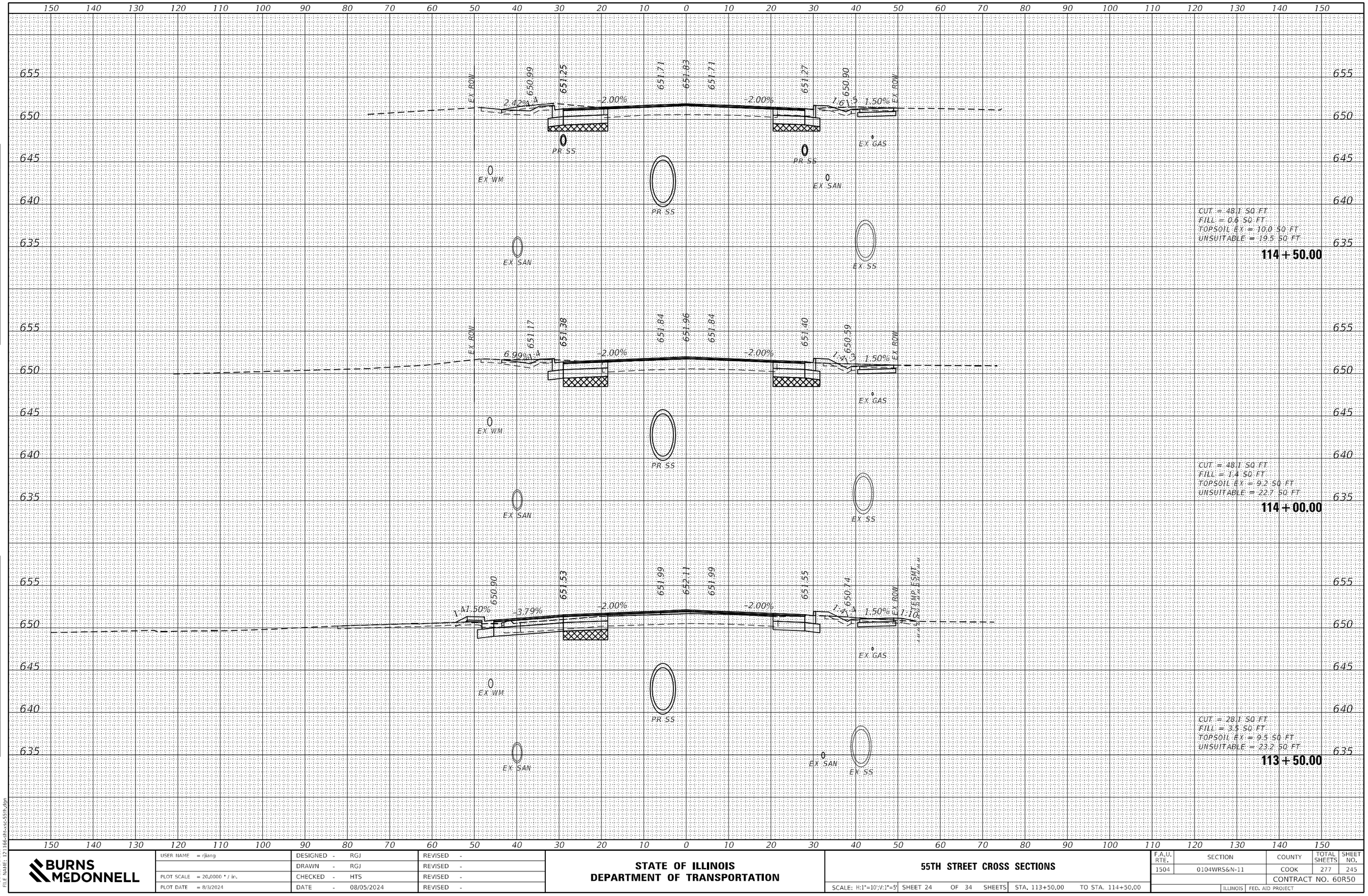
55TH STREET CROSS SECTIONS

SCALE: H:1"=10';V:1"=5' | SHEET 23 OF 34 SHEETS | STA. 112+50.00 TO STA. 113+33.24

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	244

CONTRACT NO. 60R50

ILLINOIS | FED. AID PROJECT



FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	AREAS CHECKED		

MODFL: Default
FILE NAME: 12166-ht-xc-55th.dgn

BURNS McDONNELL

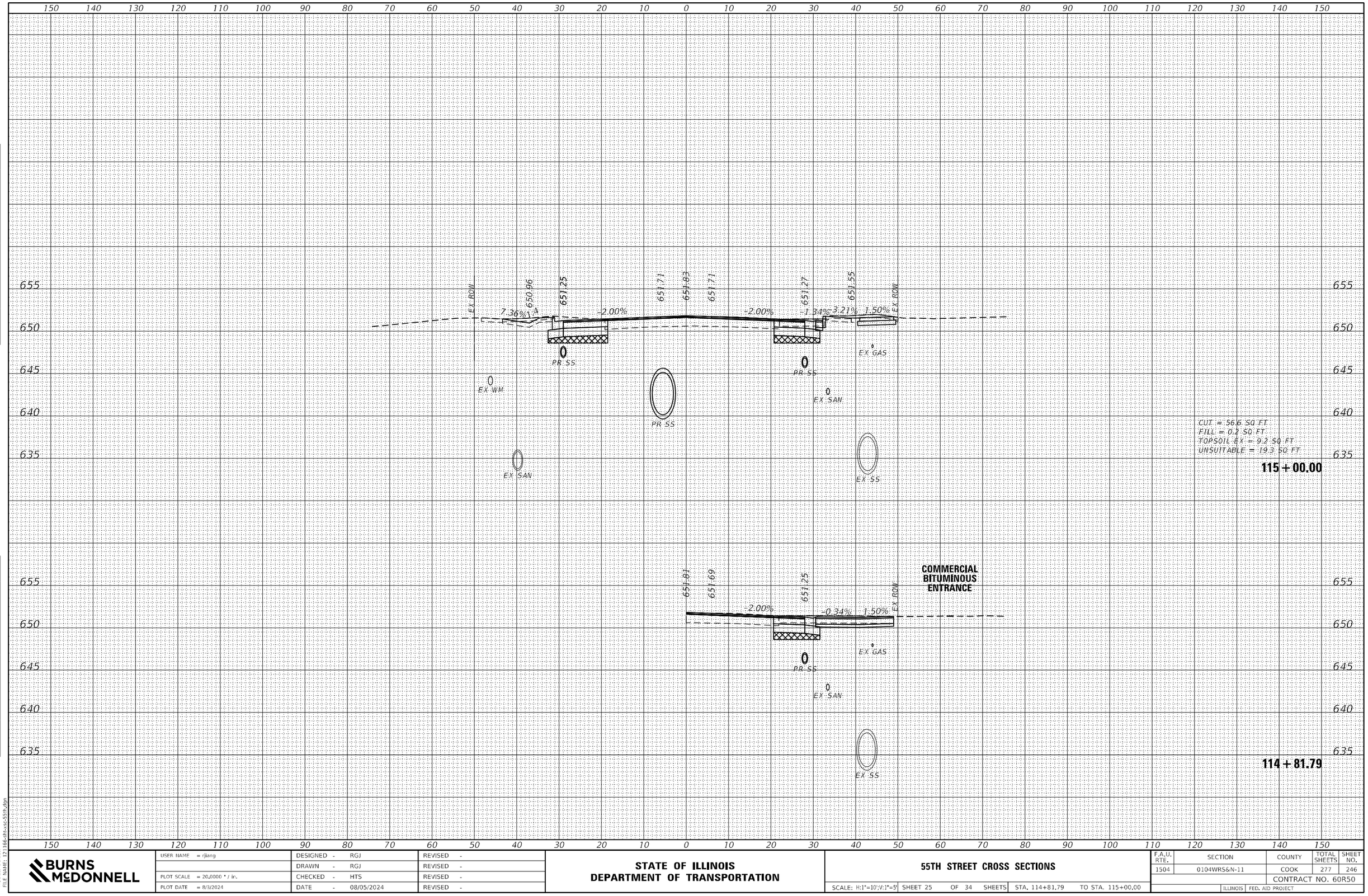
USER NAME = rjlang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET CROSS SECTIONS

SCALE: H:1"=10';V:1"=5' | SHEET 24 OF 34 SHEETS | STA. 113+50.00 TO STA. 114+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	245
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY		BY	DATE
NOTE BOOK NO.	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK NO.	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

MODEL: Default
FILE NAME: 121166-sht-xsc-55th.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - RGJ	REVISED -	
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PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

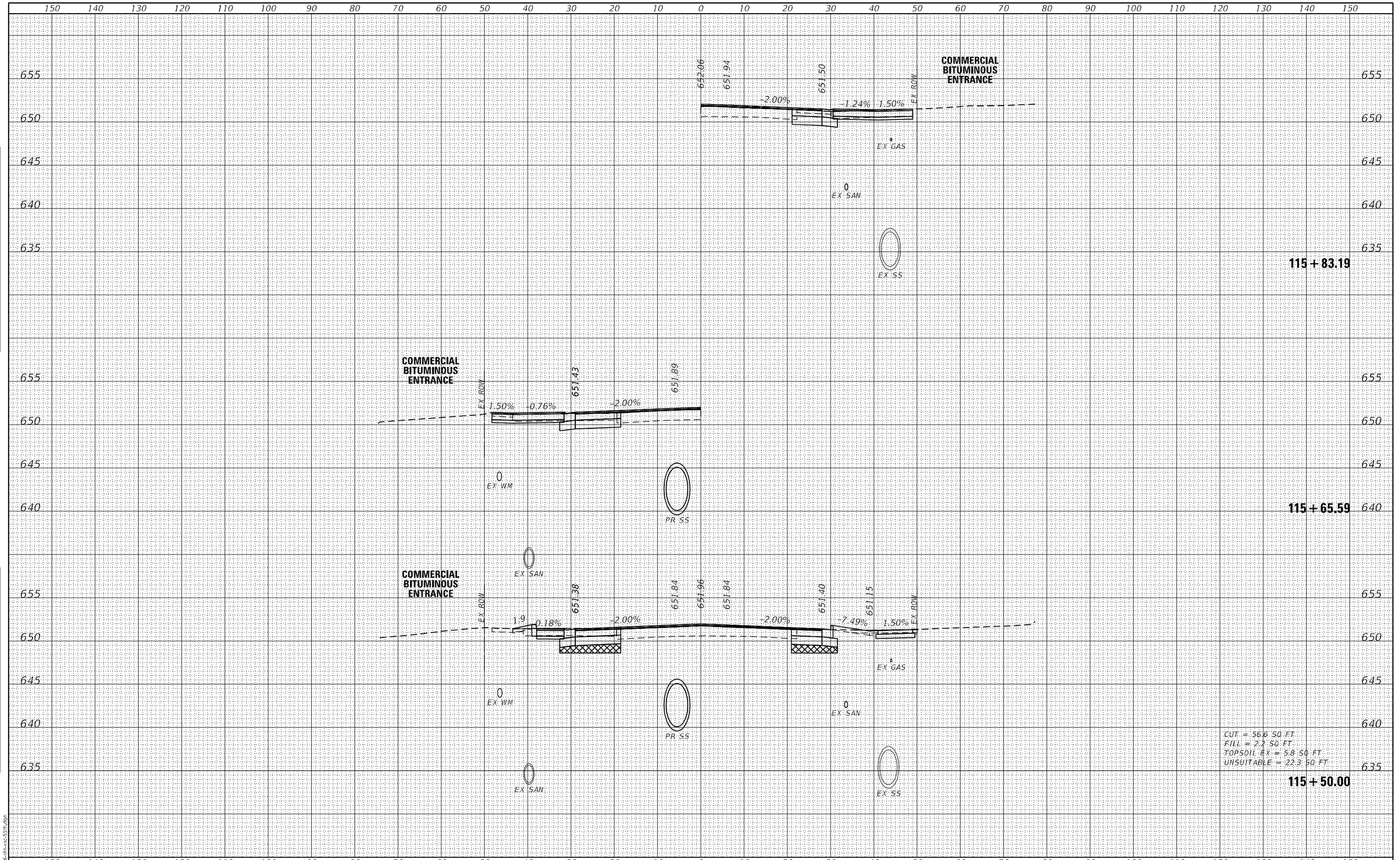
55TH STREET CROSS SECTIONS

SCALE: H:1"=10';V:1"=5' | SHEET 25 OF 34 SHEETS | STA. 114+81.79 TO STA. 115+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	246

CONTRACT NO. 60R50

ILLINOIS | FED. AID PROJECT



FINAL SURVEY | NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

ORIGINAL SURVEY | NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

MODEL: Default
FILE NAME: 12116-sht-xsc-55th.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

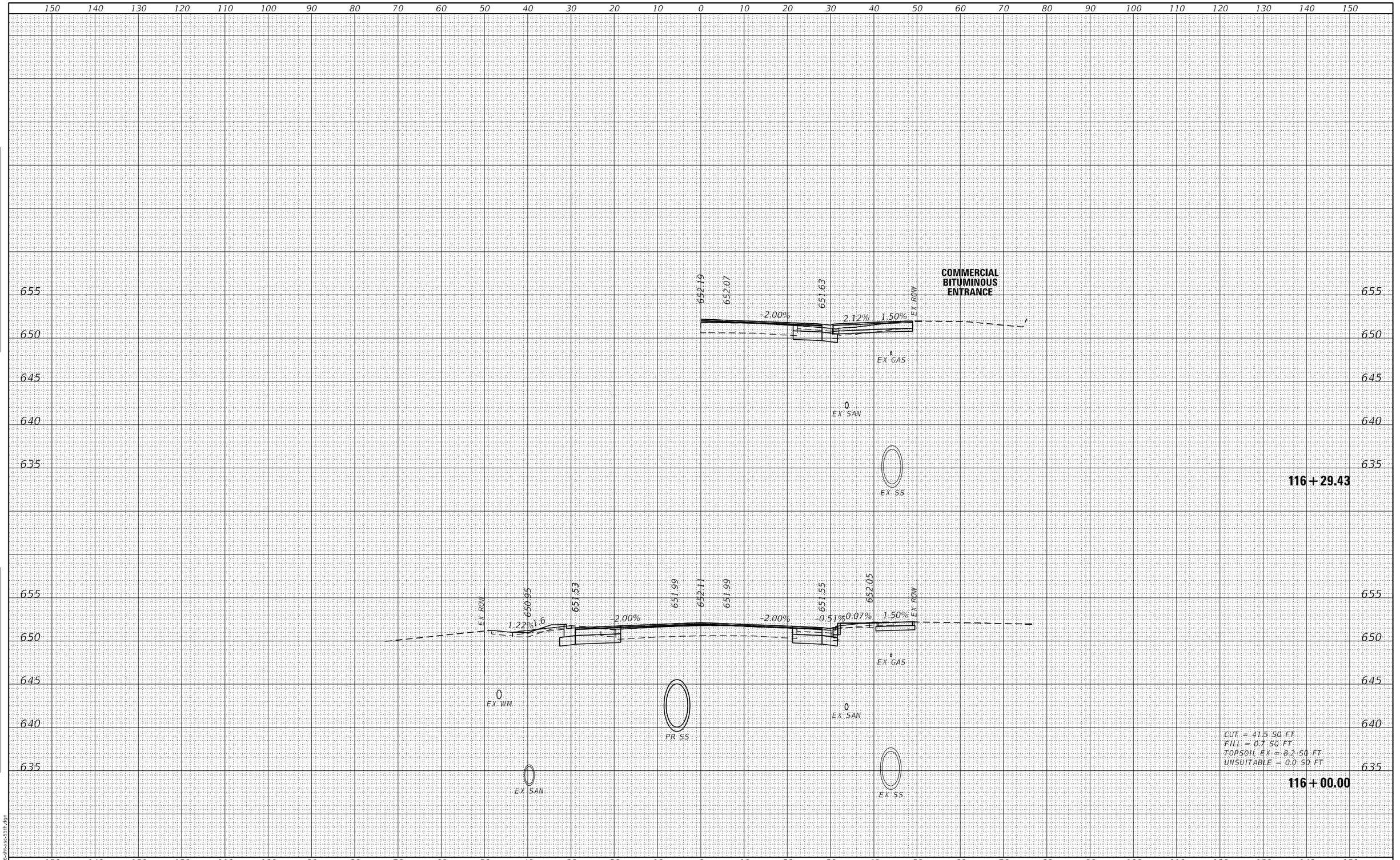
55TH STREET CROSS SECTIONS

SCALE: H:1"=10';V:1"=5' | SHEET 26 OF 34 SHEETS | STA. 115+50.00 TO STA. 115+83.19

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	247

CONTRACT NO. 60R50

ILLINOIS | FED. AID PROJECT



FINAL SURVEY		BY	DATE
NOTE BOOK NO.	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK NO.	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

MODEL: Default
FILE NAME: 12116-sht-xsc-55th.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - RGJ	REVISED -	
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PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

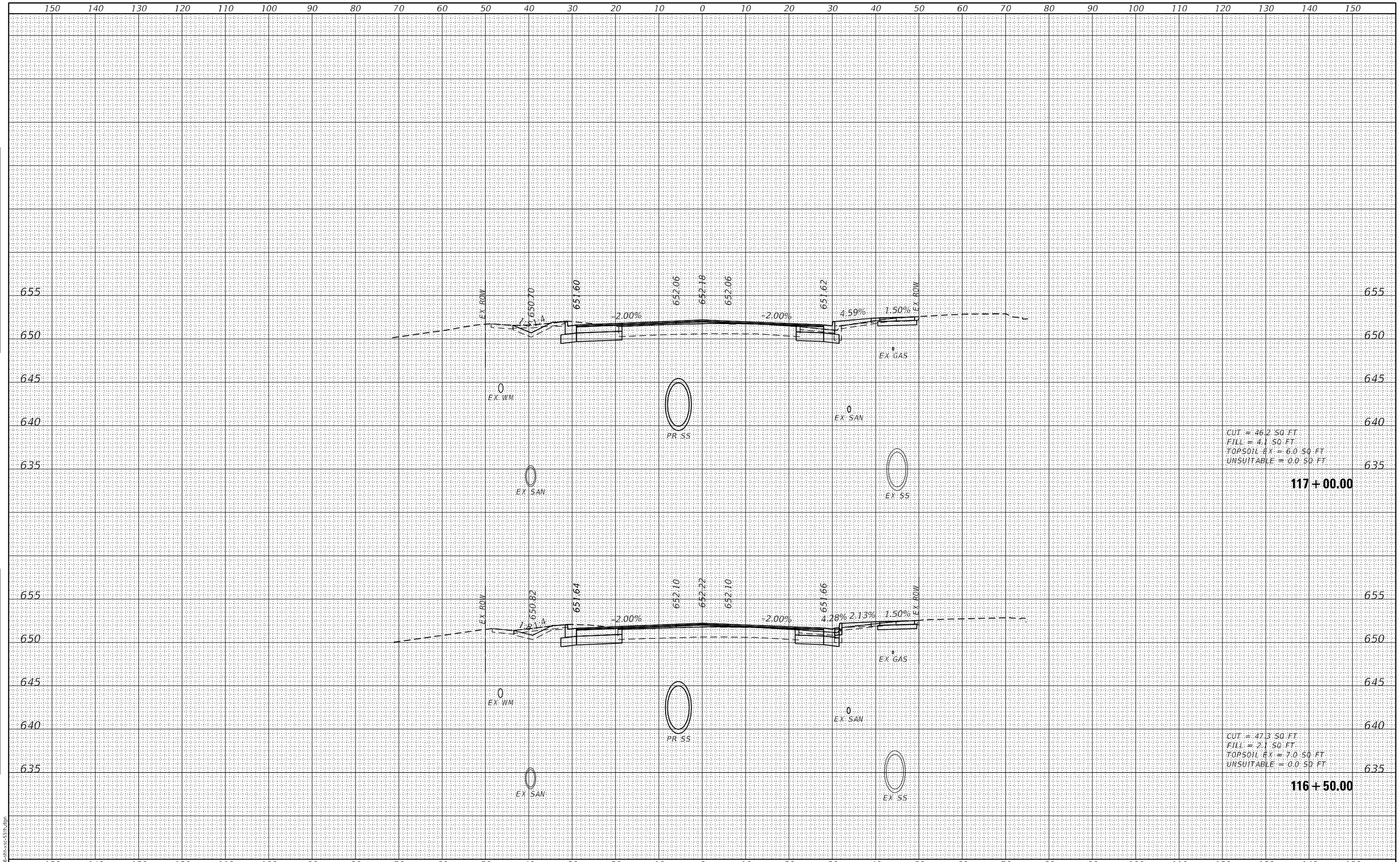
55TH STREET CROSS SECTIONS

SCALE: H:1"=10';V:1"=5' | SHEET 27 OF 34 SHEETS | STA. 116+00.00 TO STA. 116+29.43

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	248

CONTRACT NO. 60R50

ILLINOIS | FED. AID PROJECT



FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

BY	DATE

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

BY	DATE

MODEL: Default
FILE NAME: I:\166-thr-xxc-55\h.dgn

BURNS McDONNELL

USER NAME = rjlang	DESIGNED - RGJ	REVISED -
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PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET CROSS SECTIONS

SCALE: H:1"=10';V:1"=5' | SHEET 28 OF 34 SHEETS | STA. 116+50.00 TO STA. 117+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	249
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

655
650
645
640
635

EX ROW
650.57
651.42
651.88
652.00
651.88
651.44
EX ROW
2.00%
2.00%
5.40%
1.50%
EX GAS
EX WM
PR SS
EX SAN
EX SS

CUT = 47.5 SQ FT
FILL = 1.8 SQ FT
TOPSOIL EX = 3.7 SQ FT
UNSUITABLE = 0.0 SQ FT

117 + 50.00

652.05
651.93
651.49
COMMERCIAL BITUMINOUS ENTRANCE
EX ROW
2.00%
0.88%
1.50%
EX GAS
EX SAN
EX SS

117 + 37.91

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

BY	DATE

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

BY	DATE

MODEL: Default
FILE NAME: I:\166-thr-xxc-55\h.dgn

BURNS McDONNELL

USER NAME = rjlang	DESIGNED - RGJ	REVISED -	
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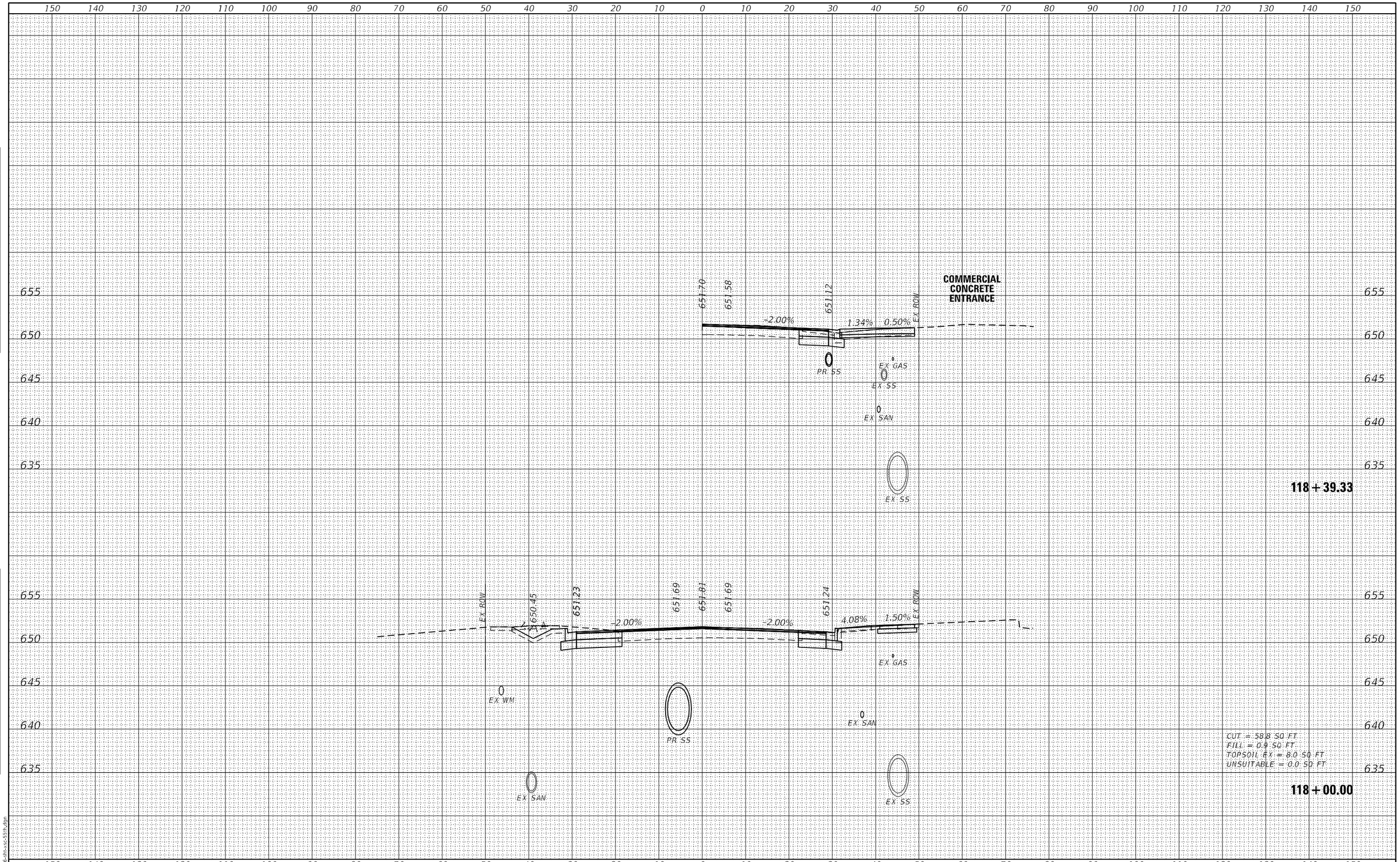
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET CROSS SECTIONS

SCALE: H:1"=10';V:1"=5' | SHEET 29 OF 34 SHEETS | STA. 117+37.91 | TO STA. 117+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	250
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

BY	DATE

MODEL: Default
FILE NAME: I:\2166-sht-xs-55th.dgn

BURNS McDONNELL

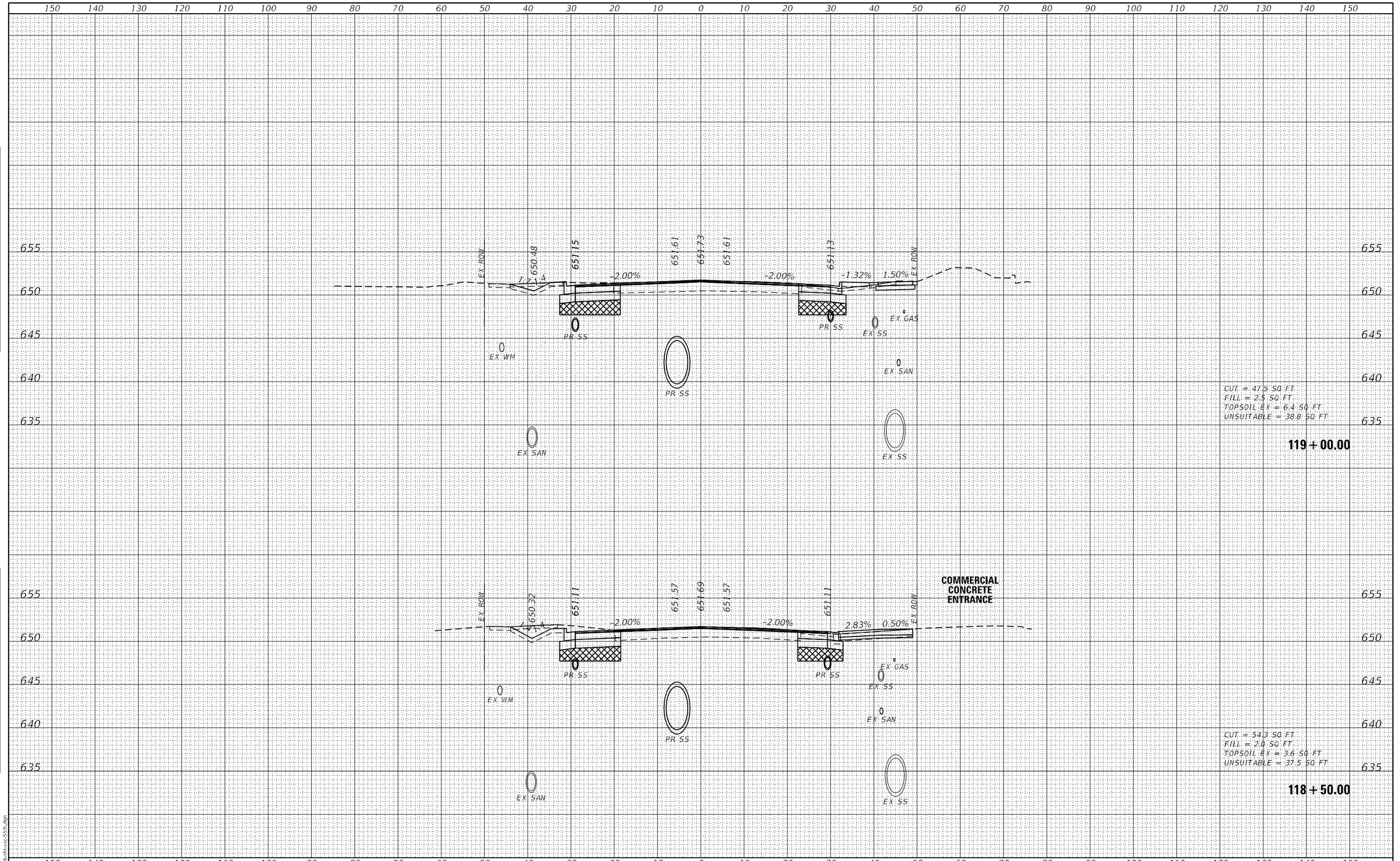
USER NAME = rjiang	DESIGNED - RGJ	REVISED -
	DRAWN - RGJ	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET CROSS SECTIONS

SCALE: H:1"=10';V:1"=5' | SHEET 30 OF 34 SHEETS | STA. 118+00.00 | TO STA. 118+39.33

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	251
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

MODEL: Default
FILE NAME: I:\2166-sht-xs-55th.dgn

BURNS McDONNELL

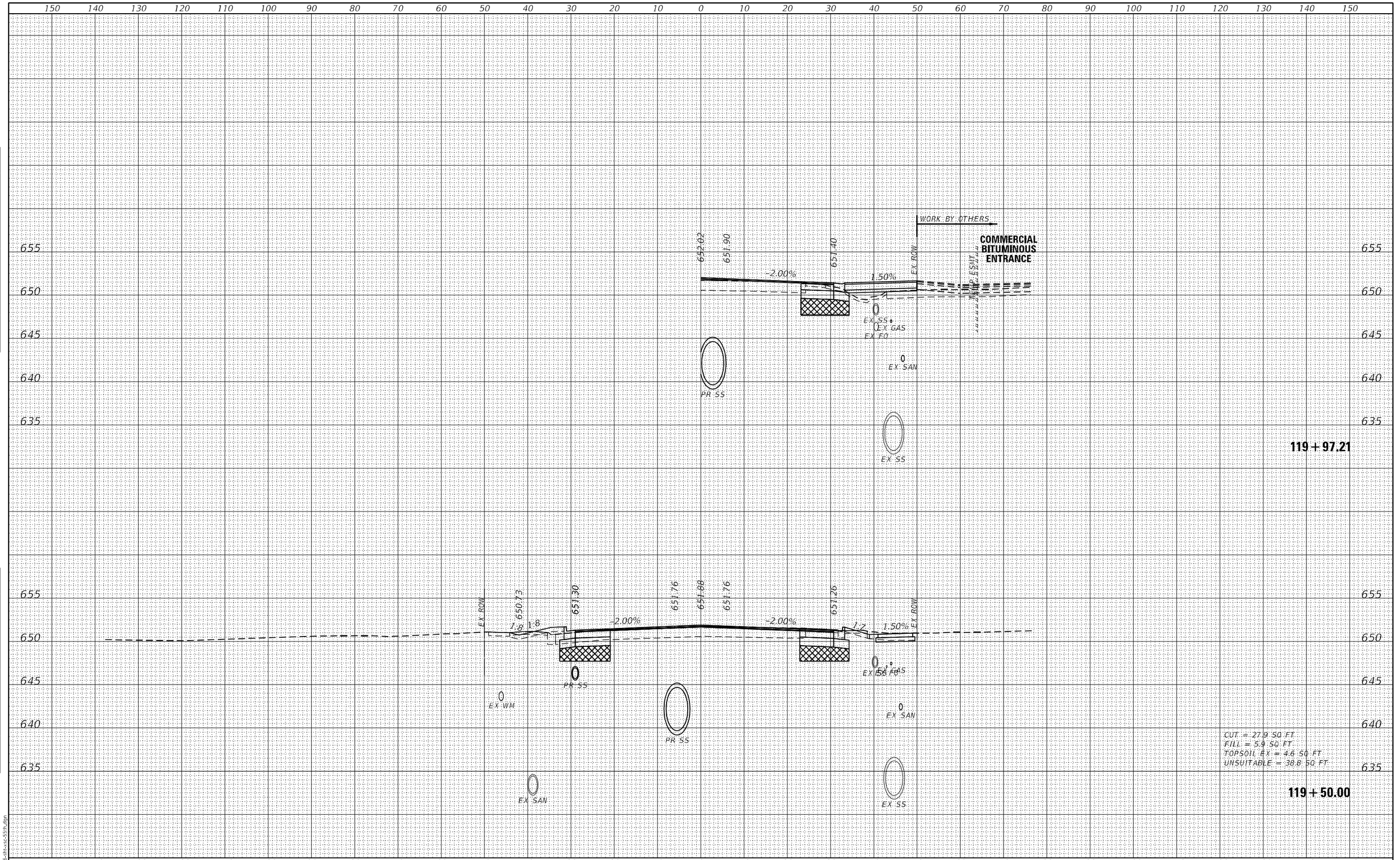
USER NAME = rjiang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET CROSS SECTIONS

SCALE: H:1"=10',V:1"=5' | SHEET 31 OF 34 SHEETS | STA. 118+50.00 | TO STA. 119+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	252
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

MODEL: Default
FILE NAME: 12116s-sht-xsc-55th.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -	
PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET CROSS SECTIONS

SCALE: H:1"=10';V:1"=5' | SHEET 32 OF 34 SHEETS | STA. 119+50.00 TO STA. 119+97.21

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	253

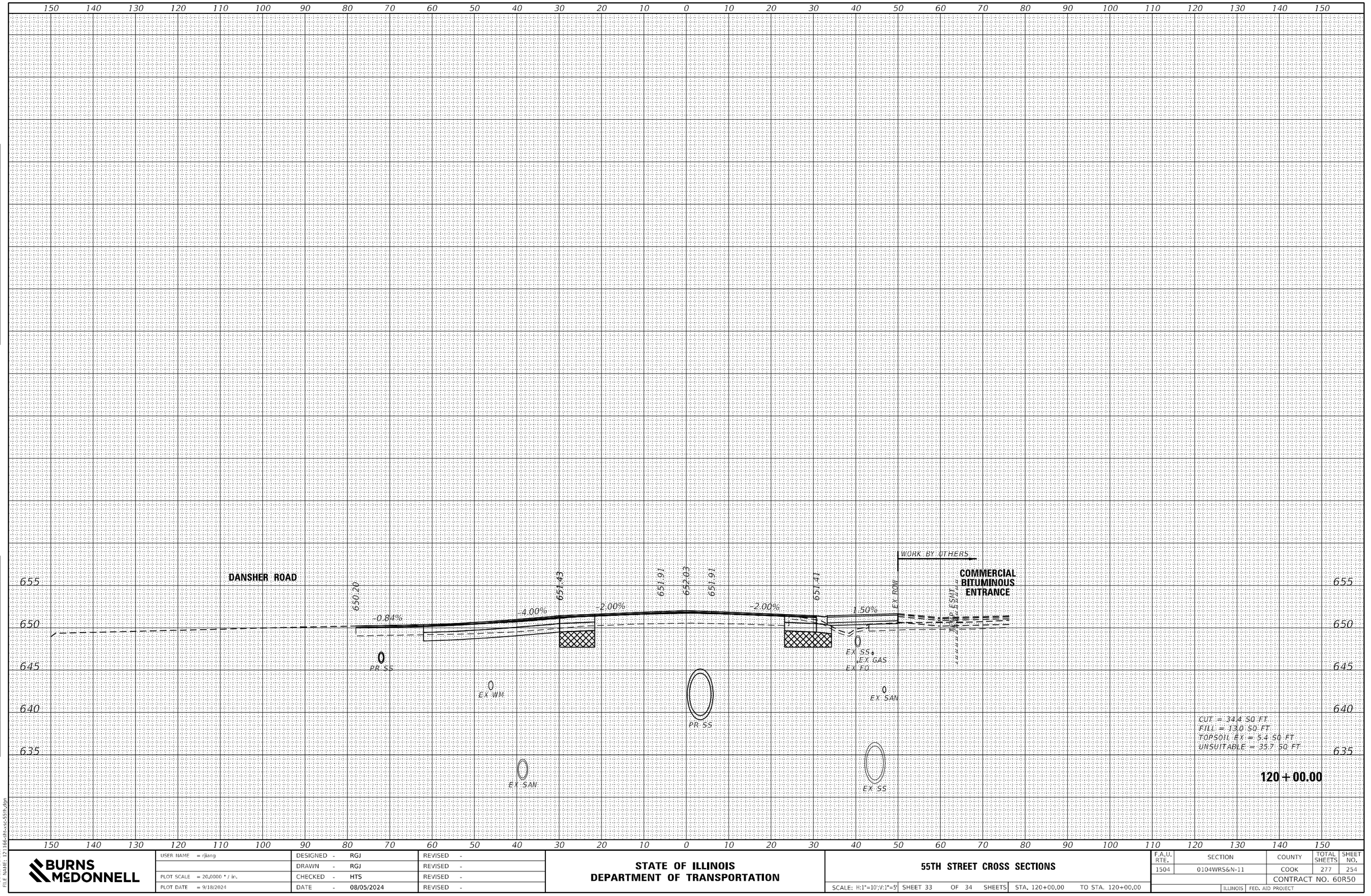
CONTRACT NO. 60R50

ILLINOIS | FED. AID PROJECT

FINAL SURVEY	NOTE BOOK	NO.
	SURVEYED	
	PLOTTED	
	TEMPLATE	
	AREAS	
	AREAS CHECKED	

ORIGINAL SURVEY	NOTE BOOK	NO.
	SURVEYED	
	PLOTTED	
	TEMPLATE	
	AREAS	
	AREAS CHECKED	

BY	DATE



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FILE NAME: I:\2166-sht-xs-55th.dgn

BURNS McDONNELL	USER NAME = rjiang	DESIGNED - RGJ	REVISED -
		DRAWN - RGJ	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -
	PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET CROSS SECTIONS

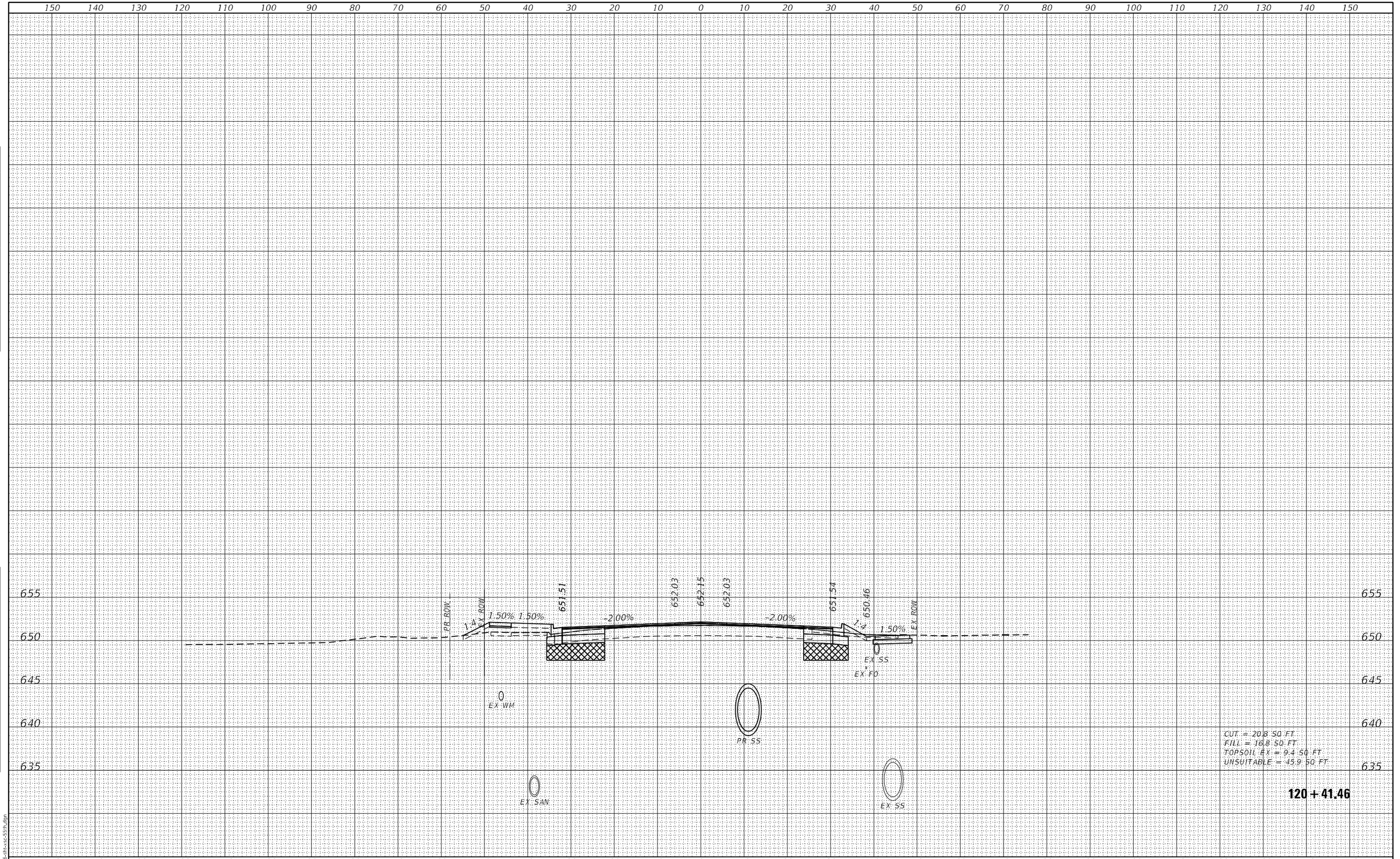
SCALE: H:1"=10',V:1"=5' | SHEET 33 OF 34 SHEETS | STA. 120+00.00 | TO STA. 120+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	254
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY	NOTE BOOK	NO.
SURVEYED	PLOTTED	
TEMPLATE	AREAS	
AREAS	AREAS CHECKED	

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED	PLOTTED	
TEMPLATE	AREAS	
AREAS	AREAS CHECKED	

DATE	BY



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FILE NAME: I:\2166-sht-xs-55th.dgn

BURNS McDONNELL

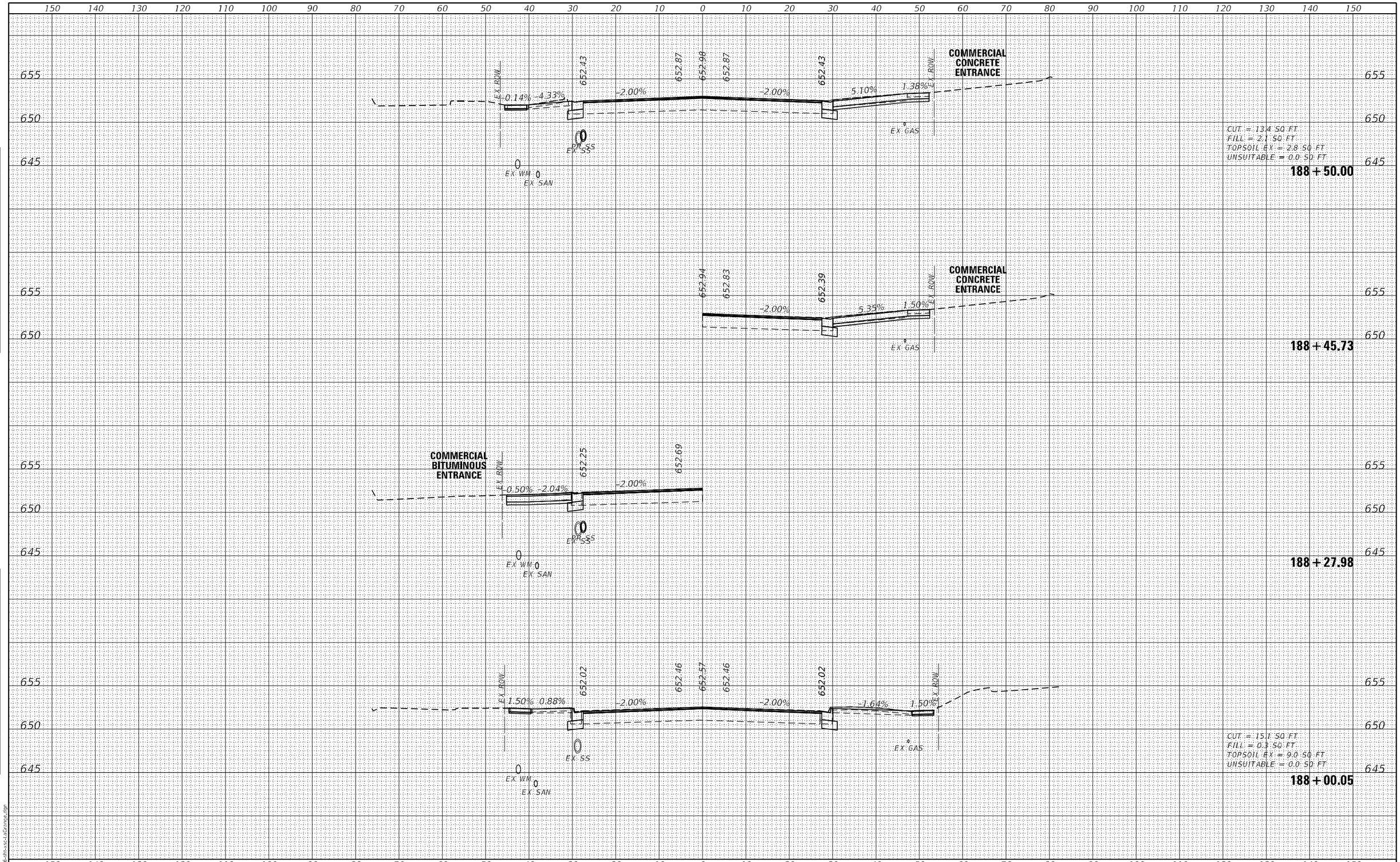
USER NAME = rjiang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -	
PLOT DATE = 9/18/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

55TH STREET CROSS SECTIONS

SCALE: H:1"=10',V:1"=5' | SHEET 34 OF 34 SHEETS | STA. 120+41.46 | TO STA. 120+41.46

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	255
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY

NO.	NOTE BOOK	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED	BY	DATE

ORIGINAL SURVEY

NO.	NOTE BOOK	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED	BY	DATE

MODEL: Default
FILE NAME: I:\2166-sht-xs-LaGrange.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 12/20/45 (LAGRANGE ROAD) CROSS SECTIONS

SCALE: H:1"=10',V:1"=5' | SHEET 1 OF 22 SHEETS | STA. 188+00.05 | TO STA. 188+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	256
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

655
650
645

EX ROW
1.50%
-4.42%
653.25
-2.00%
653.69
653.80
653.69
-2.00%
653.25
1.6
652.60
-6.33%
1.50%
EX ROW
EX SS
EX WM
EX SAN
EX GAS

CUT = 15.1 SQ FT
FILL = 0.5 SQ FT
TOPSOIL EX = 9.1 SQ FT
UNSUITABLE = 0.0 SQ FT

189 + 50.00

COMMERCIAL BITUMINOUS ENTRANCE

EX ROW
0.74%
652.84
-2.00%
653.28
653.39
653.28
-2.00%
652.84
1.6
652.06
-7.02%
1.50%
EX ROW
EXIST ESMT
PR SS
EX SS
EX WM
EX SAN
EX GAS

CUT = 16.1 SQ FT
FILL = 0.4 SQ FT
TOPSOIL EX = 5.3 SQ FT
UNSUITABLE = 0.0 SQ FT

189 + 00.00

COMMERCIAL BITUMINOUS ENTRANCE

EX ROW
0.14%
652.71
-2.00%
653.15
PR SS
EX SS
EX WM
EX SAN

188 + 84.87

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

FINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

MODEL: Default
FILE NAME: I:\2166-sht-xs-LaGrange.dgn

BURNS McDONNELL

USER NAME = rjlang	DESIGNED - RGJ	REVISED -
	DRAWN - RGJ	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 12/20/45 (LAGRANGE ROAD) CROSS SECTIONS

SCALE: H:1"=10',V:1"=5' | SHEET 2 OF 22 SHEETS | STA. 188+84.87 | TO STA. 189+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	257
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

655
650
645

EX ROW
1.50%
4.64%
654.07
2.00%
654.51
654.62
654.51
2.00%
654.07
1.14%
1.50%
EX ROW
COMMERCIAL CONCRETE ENTRANCE
EX WM
EX SAN
EX SS
EX GAS

CUT = 11.9 SQ FT
FILL = 0.4 SQ FT
TOPSOIL EX = 4.3 SQ FT
UNSUITABLE = 0.0 SQ FT

190 + 50.00

655
650
645

EX ROW
1.50%
6.71%
653.66
2.00%
654.10
654.21
654.10
2.00%
653.66
1.65
653.15
1.38%
1.50%
EX ROW
EX SS
EX GAS
EX WM
EX SAN

CUT = 15.0 SQ FT
FILL = 0.2 SQ FT
TOPSOIL EX = 8.9 SQ FT
UNSUITABLE = 0.0 SQ FT

190 + 00.00

655
650
645

COMMERCIAL BITUMINOUS ENTRANCE
EX ROW
1.50%
2.00%
653.49
2.00%
653.93
EX SS
EX WM
EX SAN

189 + 79.28

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY
ORIGINAL SURVEY

NO.	NOTE BOOK	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED	BY	DATE

MODEL: Default
FILE NAME: 121166-dm-sec-laGrange.dgn

BURNS McDONNELL

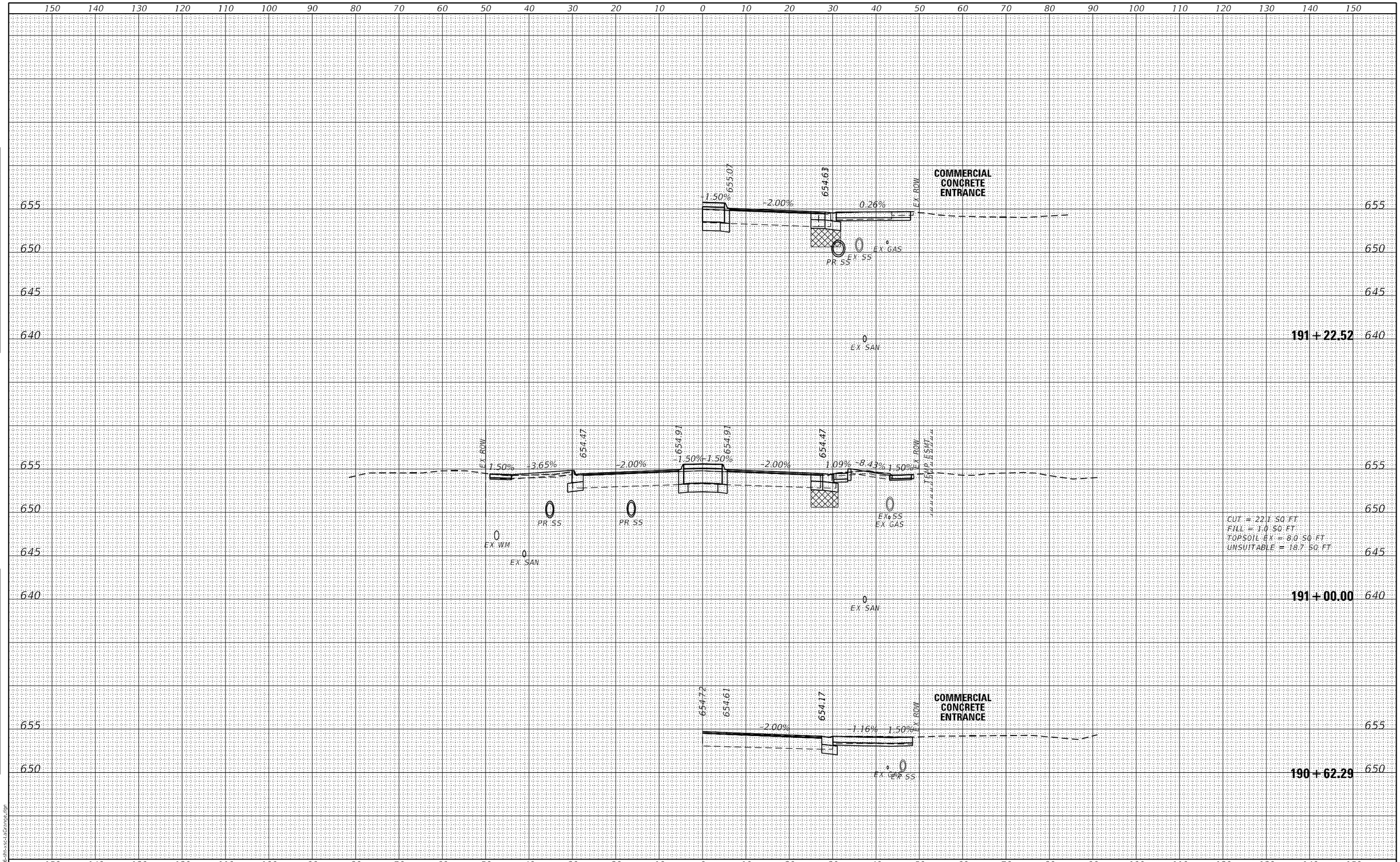
USER NAME = rjiang	DESIGNED - RGJ	REVISED -
	DRAWN - RGJ	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 12/20/45 (LAGRANGE ROAD) CROSS SECTIONS

SCALE: H:1"=10',V:1"=5' | SHEET 3 OF 22 SHEETS | STA. 189+79.28 | TO STA. 190+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	258
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

MODEL: Default
FILE NAME: 121166-tm-sec-laGrange.dgn

BURNS McDONNELL

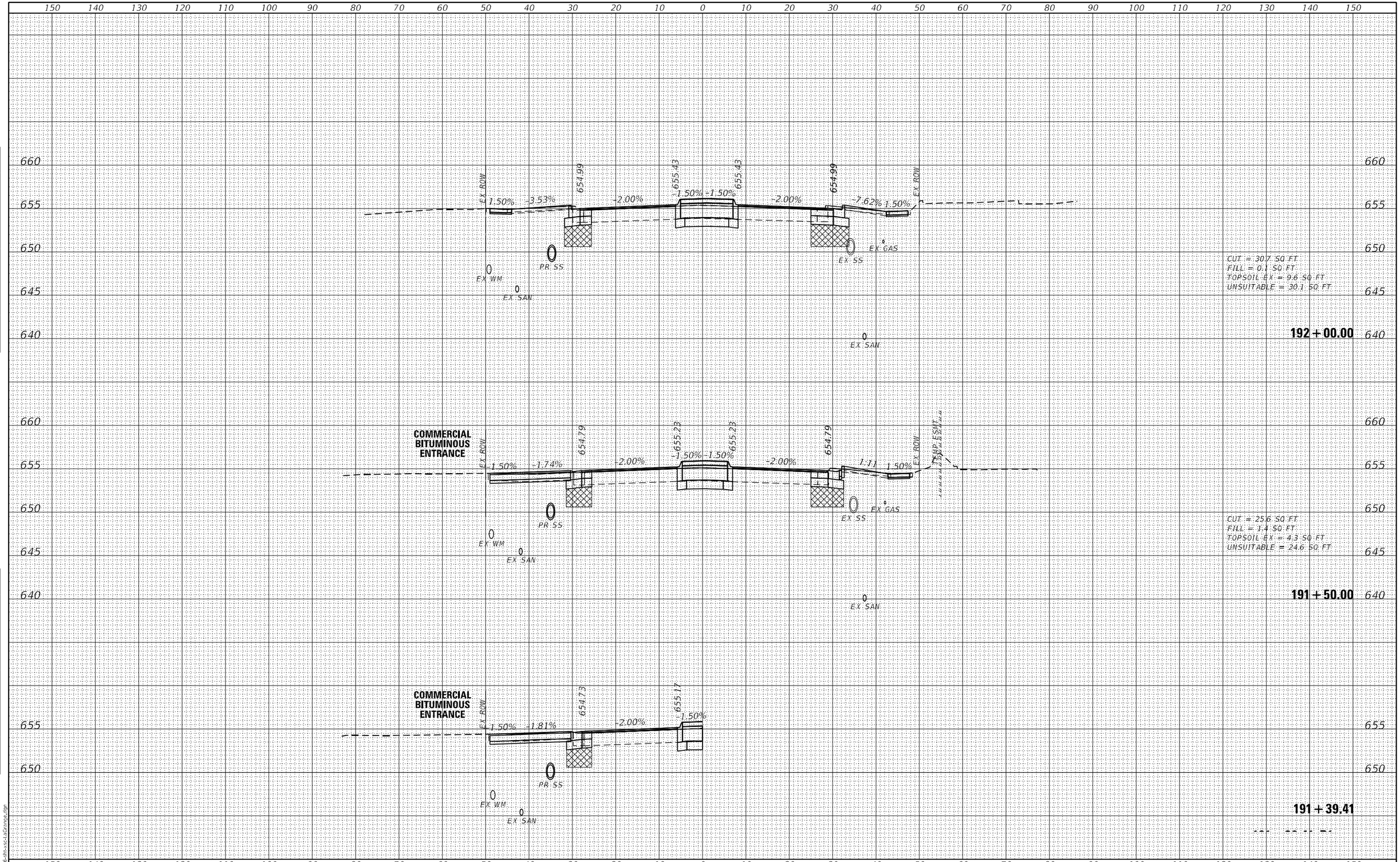
USER NAME = rjiang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 12/20/45 (LAGRANGE ROAD) CROSS SECTIONS

SCALE: H:1"=10',V:1"=5' | SHEET 4 OF 22 SHEETS | STA. 190+62.29 | TO STA. 191+22.52

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	259
		CONTRACT NO. 60R50		
	ILLINOIS FED. AID PROJECT			



FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

MODEL: Default
FILE NAME: 12116E-sht-xsc-LaGrange.dgn

BURNS McDONNELL

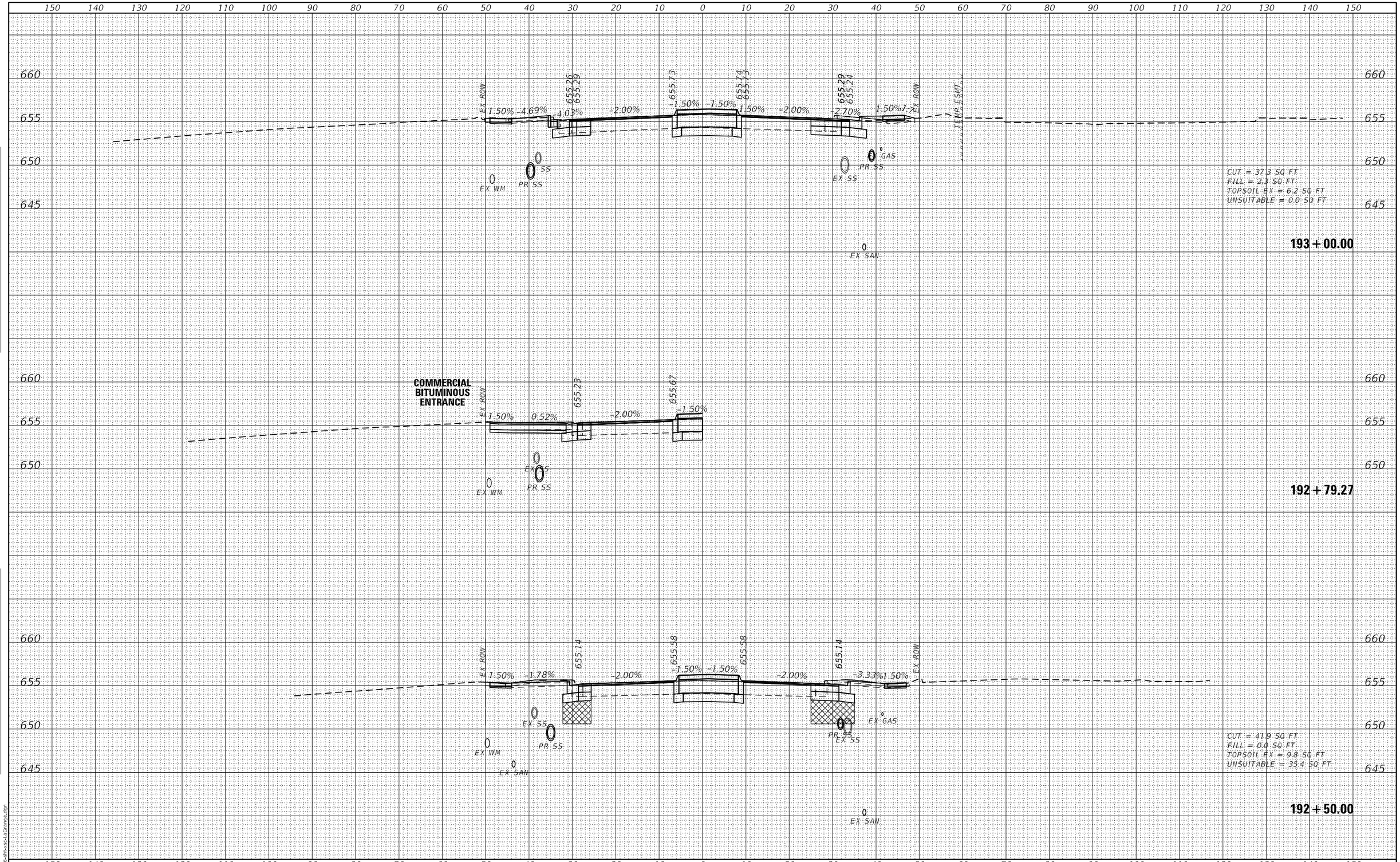
USER NAME = rjiang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 12/20/45 (LAGRANGE ROAD) CROSS SECTIONS

SCALE: H:1"=10',V:1"=5' | SHEET 5 OF 22 SHEETS | STA. 191+39.41 TO STA. 192+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	260
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

MODEL: Default
FILE NAME: 121166-sht-xsc-LaGrange.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 12/20/45 (LAGRANGE ROAD) CROSS SECTIONS

SCALE: H:1"=10',V:1"=5' | SHEET 6 OF 22 SHEETS | STA. 192+50.00 TO STA. 193+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	261
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

660 655 650 645

COMMERCIAL BITUMINOUS ENTRANCE

EX ROW | EX ROW

655.59 | 656.03 | 656.11 | 656.03 | 655.59

-1.50% | -2.07% | -2.00% | -1.50% | -1.50% | -2.00% | 1.50% | 1.9

EX WM | PR SS | EX SS | EX GAS | EX SAN

CUT = 34.0 SQ FT
FILL = 0.0 SQ FT
TOPSOIL EX = 5.0 SQ FT
UNSUITABLE = 0.0 SQ FT

194 + 00.00

56TH ST

653.18 | 655.44 | 655.88 | 655.93 | 655.88 | 655.44 | 655.05

-2.60% | -3.55% | -2.00% | 1.50% | -1.50% | 1.50% | -2.00% | -2.50% | 0.14%

PR SS | EX WM | PR SS | EX SS | EX GAS | EX SS | PR SS | EX SAN

CUT = 36.3 SQ FT
FILL = 0.0 SQ FT
TOPSOIL EX = 0.0 SQ FT
UNSUITABLE = 0.0 SQ FT

193 + 50.00

56TH ST

653.44 | 655.40 | 655.84 | 655.88 | 655.84 | 655.40 | 655.35

-2.51% | -2.00% | 1.50% | -1.50% | 1.50% | -2.00% | 1.00% | 0.49%

PR SS | EX WM | PR SS | EX SS | EX GAS | EX SS | PR SS | EX SAN

193 + 35.79

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY | ORIGINAL SURVEY

NOTE BOOK | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED

NO. | BY | DATE

MODFL: Default
FILE NAME: 12166-ht-xsc-LaGrange.dgn

BURNS McDONNELL

USER NAME = rjlang	DESIGNED - RGJ	REVISED -
	DRAWN - RGJ	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

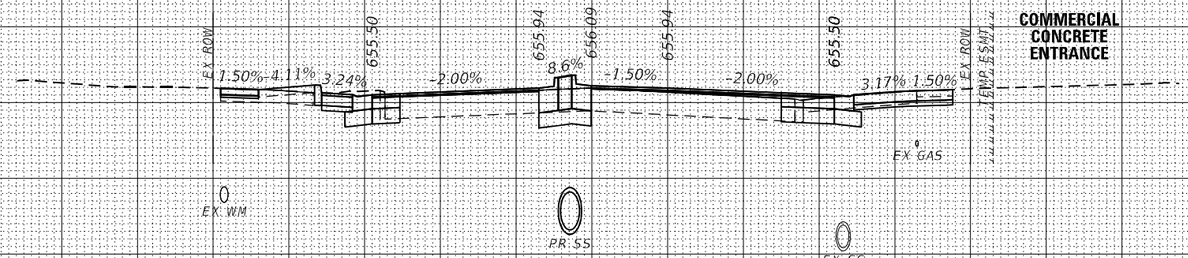
US ROUTE 12/20/45 (LAGRANGE ROAD) CROSS SECTIONS

SCALE: H:1"=10';V:1"=5' | SHEET 7 OF 22 SHEETS | STA. 193+35.79 | TO STA. 194+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	262
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

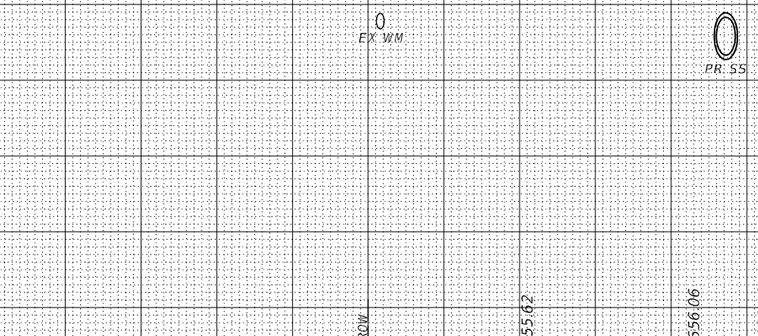
660 655 650 645



CUT = 207 SQ FT
FILL = 6.5 SQ FT
TOPSOIL EX = 0.0 SQ FT
UNSUITABLE = 0.0 SQ FT

195 + 00.00

660 655 650 645



194 + 80.88

660 655 650 645



CUT = 34.3 SQ FT
FILL = 0.6 SQ FT
TOPSOIL EX = 10.5 SQ FT
UNSUITABLE = 0.0 SQ FT

194 + 50.00

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY

NO.	NOTE BOOK	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED	BY	DATE

ORIGINAL SURVEY

NO.	NOTE BOOK	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED	BY	DATE

MODFI: Default
FILE NAME: 121166-int-xsc-LaGrange.dgn

BURNS McDONNELL

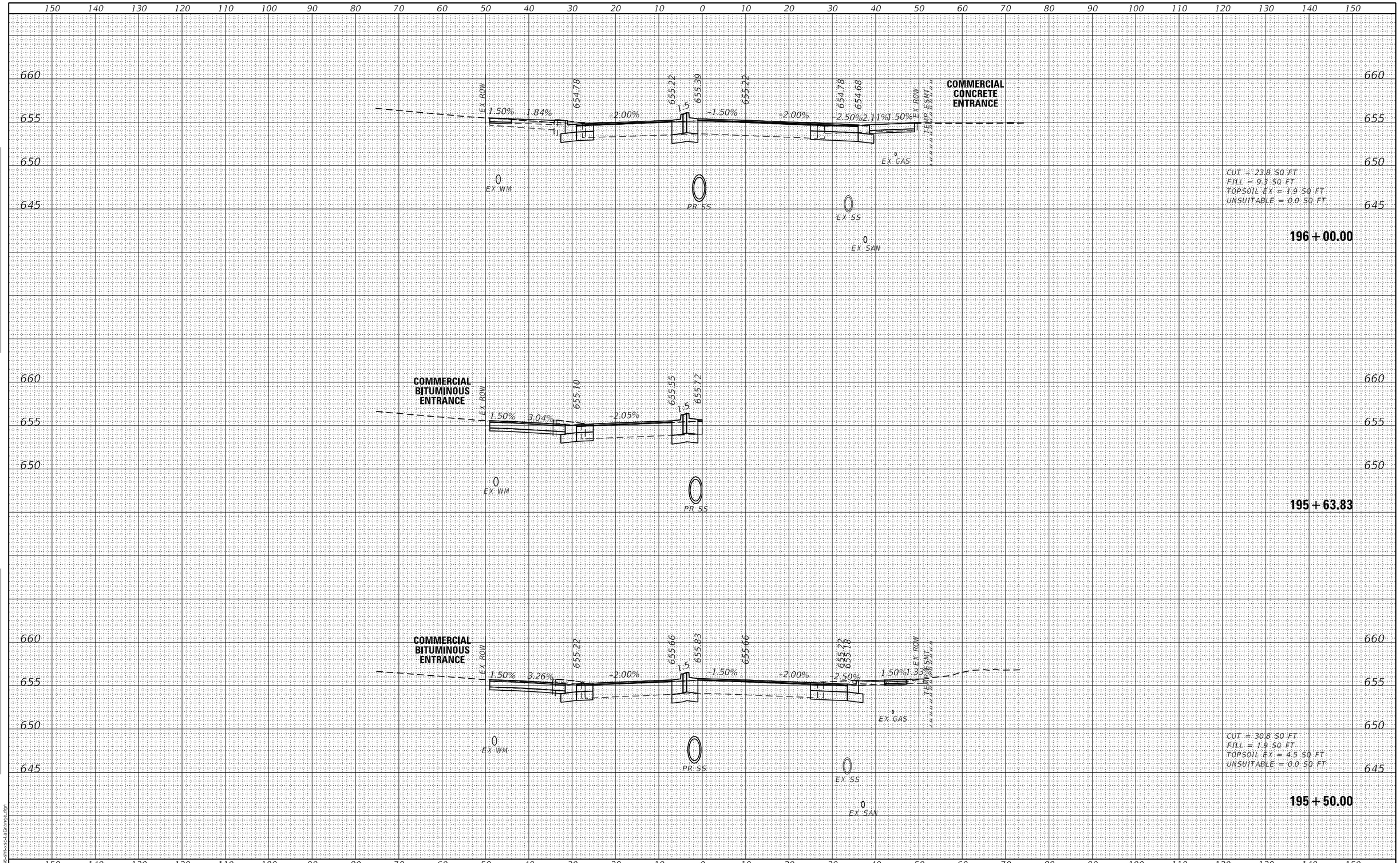
USER NAME = rjlang	DESIGNED - RGJ	REVISED -
	DRAWN - RGJ	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 12/20/45 (LAGRANGE ROAD) CROSS SECTIONS

SCALE: H:1"=10';V:1"=5' | SHEET 8 OF 22 SHEETS | STA. 194+50.00 TO STA. 195+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	263
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

MODFL: Default
FILE NAME: 12166-ht-xsc-LaGrange.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 12/20/45 (LAGRANGE ROAD) CROSS SECTIONS

SCALE: H:1"=10';V:1"=5' | SHEET 9 OF 22 SHEETS | STA. 195+50.00 | TO STA. 196+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	264
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

660 655 650 645

COMMERCIAL BITUMINOUS ENTRANCE

TEMP ESMT

EX ROW

6.00% 1.50% 6.00% -2.00%

654.17 654.61 654.78

PR SS

EX WM

PR SS

196 + 62.13

COMMERCIAL BITUMINOUS ENTRANCE

TEMP ESMT

EX ROW

5.32% 1.50% 6.00% -2.00% -1.50% -2.00% -2.50% 1.50%

654.29 654.73 654.90 654.73 654.29 654.13

PR SS

EX GAS

PR SS

EX WM

PR SS

EX SS

EX SAN

CUT = 46.2 SQ FT
FILL = 0.1 SQ FT
TOPSOIL EX = 4.7 SQ FT
UNSUITABLE = 0.0 SQ FT

196 + 50.00

655.16 654.72 654.61

-2.00% -2.50% 4.42% 1.50%

EX ROW

TEMP ESMT

COMMERCIAL CONCRETE ENTRANCE

EX GAS

PR SS

EX SS

EX SAN

196 + 06.10

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY

NO.	NOTE BOOK	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED	BY	DATE

ORIGINAL SURVEY

NO.	NOTE BOOK	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED	BY	DATE

MODFL: Default
FILE NAME: 12166-ht-xsc-LaGrange.dgn

BURNS McDONNELL

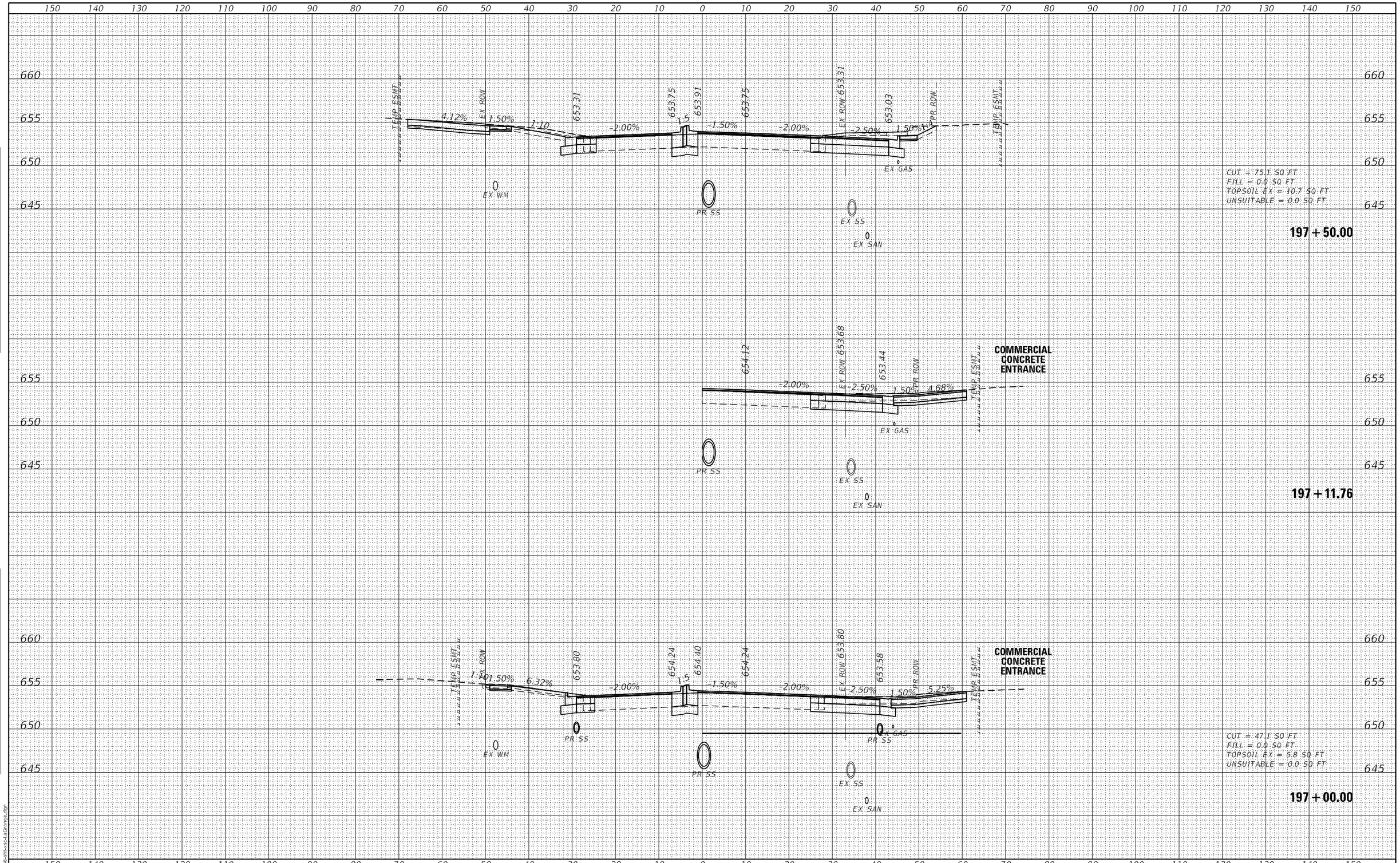
USER NAME = rjlang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 12/20/45 (LAGRANGE ROAD) CROSS SECTIONS

SCALE: H:1"=10';V:1"=5' | SHEET 10 OF 22 SHEETS | STA. 196+06.10 | TO STA. 196+62.13

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	265
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY

NO.	NOTE BOOK	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED	BY	DATE

ORIGINAL SURVEY

NO.	NOTE BOOK	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED	BY	DATE

MODEL: Default
FILE NAME: I:\2166-sht-xs-LaGrange.dgn

BURNS McDONNELL

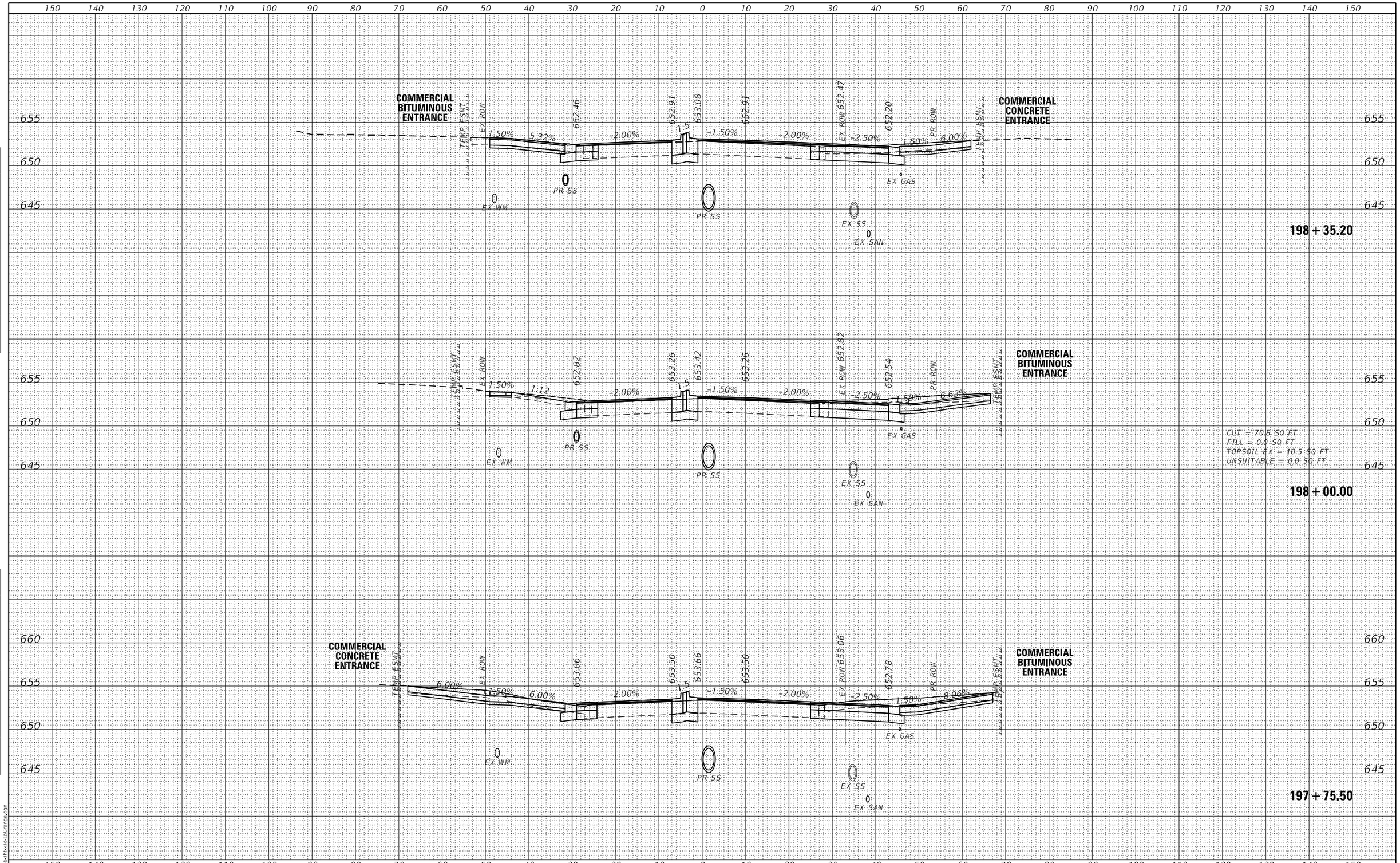
USER NAME = rjiang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 12/20/45 (LAGRANGE ROAD) CROSS SECTIONS

SCALE: H:1"=10',V:1"=5' | SHEET 11 OF 22 SHEETS | STA. 197+00.00 | TO STA. 197+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	266
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

MODFI: Default
FILE NAME: 12166-ht-xsc-LaGrange.dgn

BURNS McDONNELL

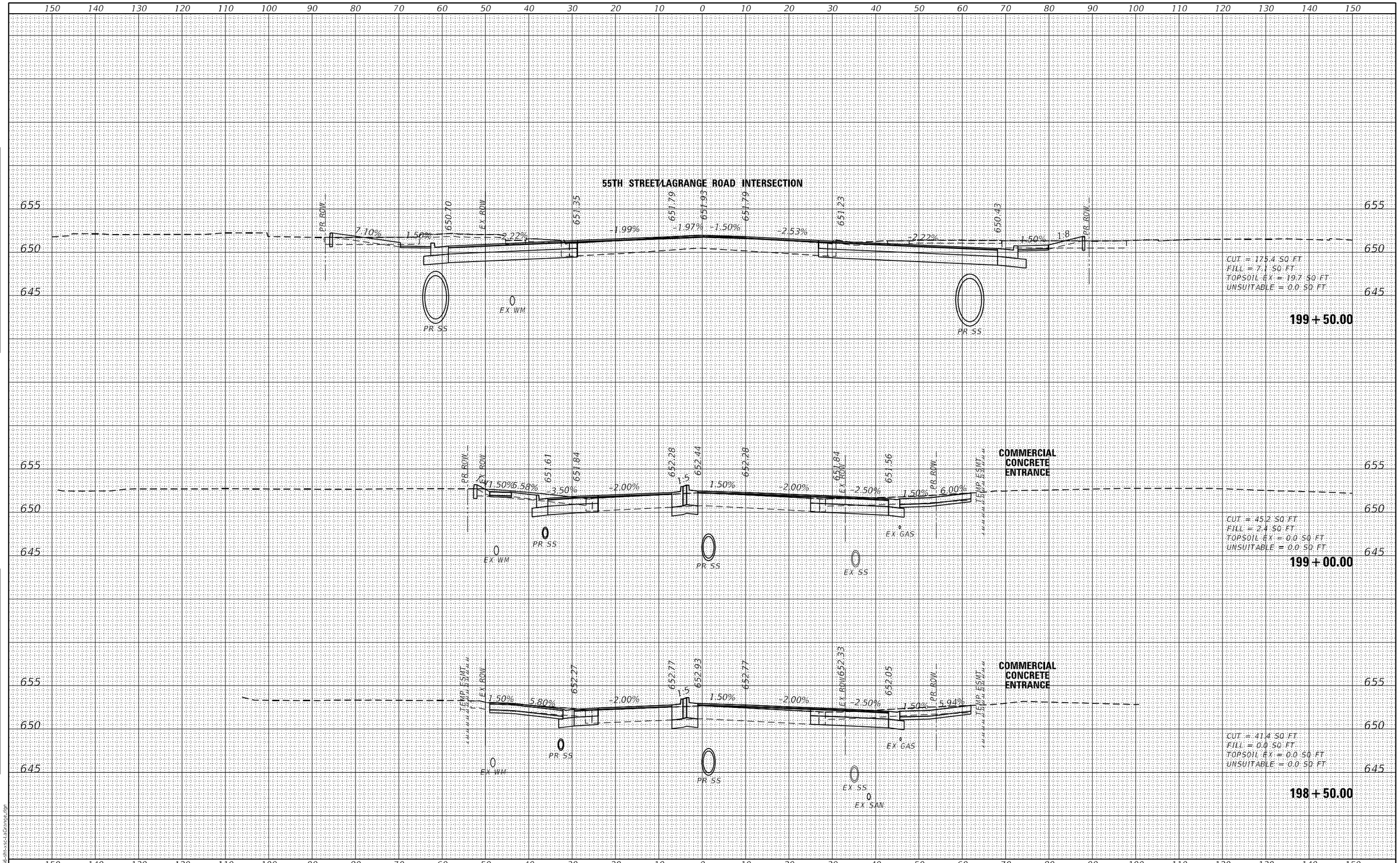
USER NAME = rjlang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 12/20/45 (LAGRANGE ROAD) CROSS SECTIONS

SCALE: H:1"=10';V:1"=5' | SHEET 12 OF 22 SHEETS | STA. 197+75.50 | TO STA. 198+35.20

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	267
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

MODEL: Default
FILE NAME: I:\2166-sht-xs-LaGrange.dgn

BURNS McDONNELL

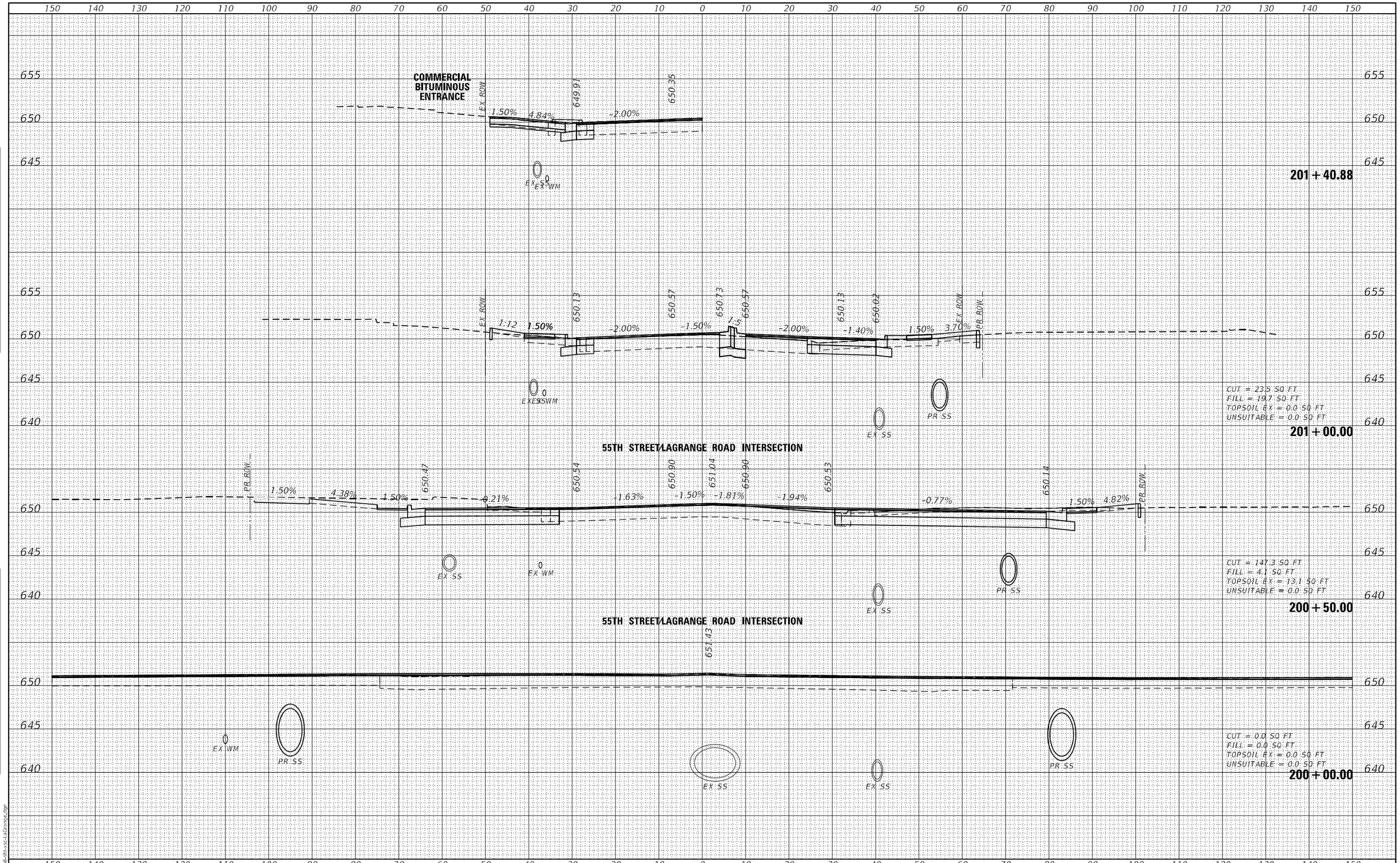
USER NAME = rjiang	DESIGNED - RGJ	REVISED -
	DRAWN - RGJ	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 12/20/45 (LAGRANGE ROAD) CROSS SECTIONS

SCALE: H:1"=10',V:1"=5' | SHEET 13 OF 22 SHEETS | STA. 198+50.00 | TO STA. 199+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	268
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY | NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

ORIGINAL SURVEY | NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

MODEL: Default
FILE NAME: 12166-sht-xsc-LaGrange.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 12/20/45 (LAGRANGE ROAD) CROSS SECTIONS

SCALE: H:1"=10';V:1"=5' | SHEET 14 OF 22 SHEETS | STA. 200+00.00 TO STA. 201+40.88

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	269

CONTRACT NO. 60R50

ILLINOIS | FED. AID PROJECT

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

655 650 645

650.44 650.27 649.83 1.5 -2.00% 2.49% 1.50% EX ROW

COMMERCIAL BITUMINOUS ENTRANCE

0 PR SS

PR SS EX SS

202 + 36.69

649.48 649.78 650.22 650.38 650.22 649.78 649.35 1.50% 1.8 1.10 -2.00% -1.50% 1.5 -2.00% 1.10 1.10 1.50% EX ROW

0 PR SS EX SS EX WM

0 PR SS

PR SS EX SS

CUT = 32.6 SQ FT
FILL = 15.7 SQ FT
TOPSOIL EX = 3.8 SQ FT
UNSUITABLE = 0.0 SQ FT

202 + 00.00

COMMERCIAL BITUMINOUS ENTRANCE

649.87 650.31 650.47 650.31 649.84 1.50% 4.16% -2.00% -1.50% 1.5 -2.00% 1:10 5.54% 1.50% EX ROW

0 EX SS EX WM

PR SS EX SS

CUT = 32.7 SQ FT
FILL = 8.6 SQ FT
TOPSOIL EX = 3.7 SQ FT
UNSUITABLE = 0.0 SQ FT

201 + 50.00

655 650 645 640

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY

NO.	NOTE BOOK	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED	BY	DATE

ORIGINAL SURVEY

NO.	NOTE BOOK	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED	BY	DATE

MODFL: Default
FILE NAME: 12166-ht-xsLaGrange.dgn

BURNS McDONNELL

USER NAME = rjlang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -	
PLOT DATE = 8/5/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 12/20/45 (LAGRANGE ROAD) CROSS SECTIONS

SCALE: H:1"=10';V:1"=5' | SHEET 15 OF 22 SHEETS | STA. 201+50.00 | TO STA. 202+36.69

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	270
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		BY
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		DATE

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		BY
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		DATE

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

655
650
645

COMMERCIAL CONCRETE ENTRANCE
EX ROW
650.07
650.51
650.59
0.26%
-2.00%
-1.50%
EX SS
EX WM

203 + 21.70

CUT = 24.4 SQ FT
FILL = 24.7 SQ FT
TOPSOIL EX = 1.8 SQ FT
UNSUITABLE = 0.0 SQ FT

EX ROW
649.78
650.02
650.46
650.57
650.46
650.02
EX ROW
1.50%
7.32%
1.10
-2.00%
-1.50%
2.4%
-2.00%
1.01%
1.50%
EX SS
EX WM
PR SS
EX SS

203 + 00.00

COMMERCIAL BITUMINOUS ENTRANCE
EX ROW
649.63
649.87
650.31
650.48
650.31
649.87
EX ROW
1.50%
4.80%
1.10
-2.00%
-1.50%
1.5%
-2.00%
2.93%
1.50%
EX SS
EX WM
PR SS
EX SS

CUT = 22.3 SQ FT
FILL = 12.0 SQ FT
TOPSOIL EX = 0.7 SQ FT
UNSUITABLE = 0.0 SQ FT

202 + 50.00

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

MODEL: Default
FILE NAME: I:\2116-dht-xsc-LaGrange.dgn

BURNS McDONNELL

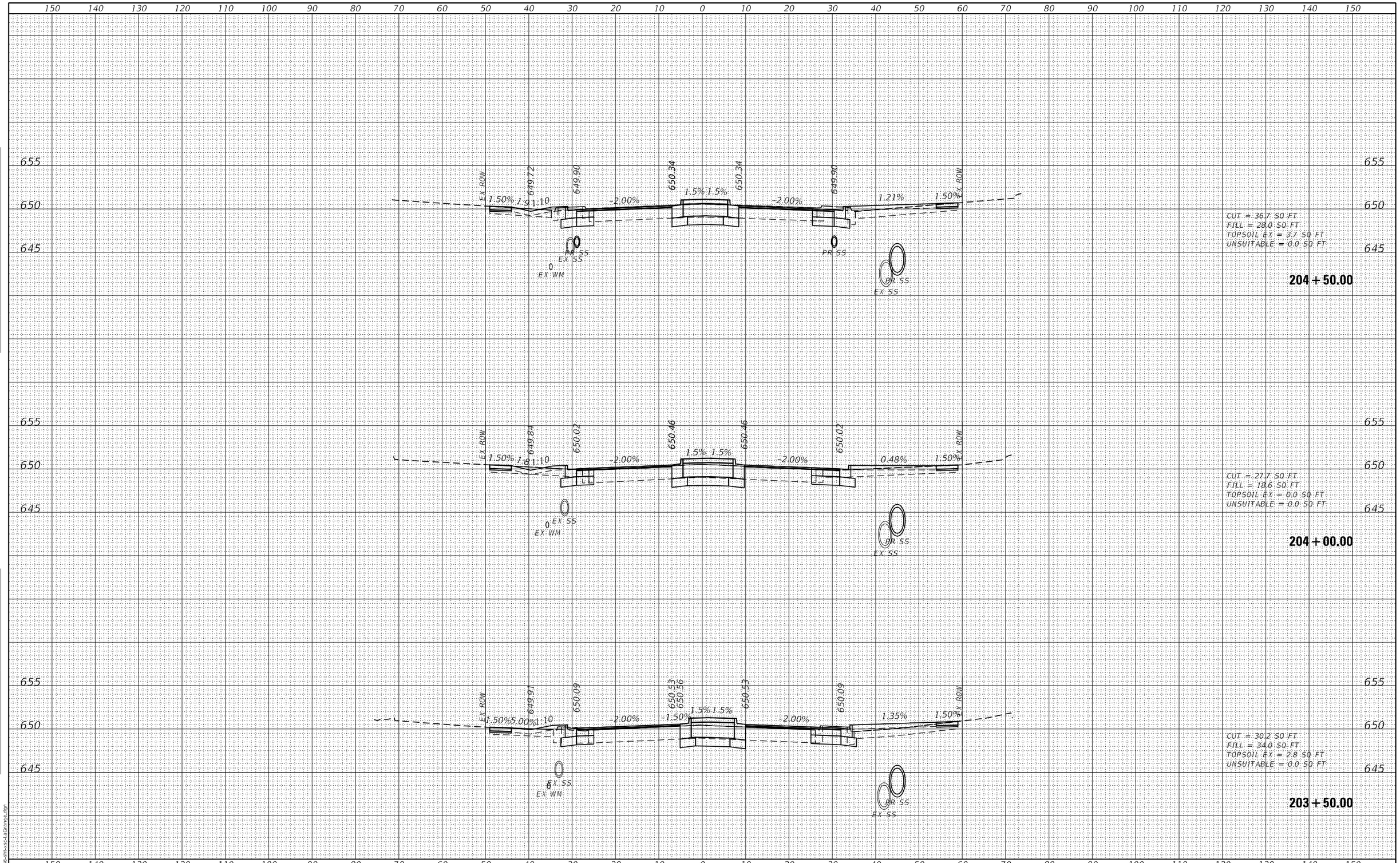
USER NAME = rjiang	DESIGNED - RGJ	REVISED -
	DRAWN - RGJ	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 12/20/45 (LAGRANGE ROAD) CROSS SECTIONS

SCALE: H:1"=10',V:1"=5' | SHEET 16 OF 22 SHEETS | STA. 202+50.00 TO STA. 203+21.70

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	271
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		BY
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		DATE

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		BY
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		DATE

MODEL: Default
FILE NAME: I:\2166-sht-xs-LaGrange.dgn

BURNS McDONNELL

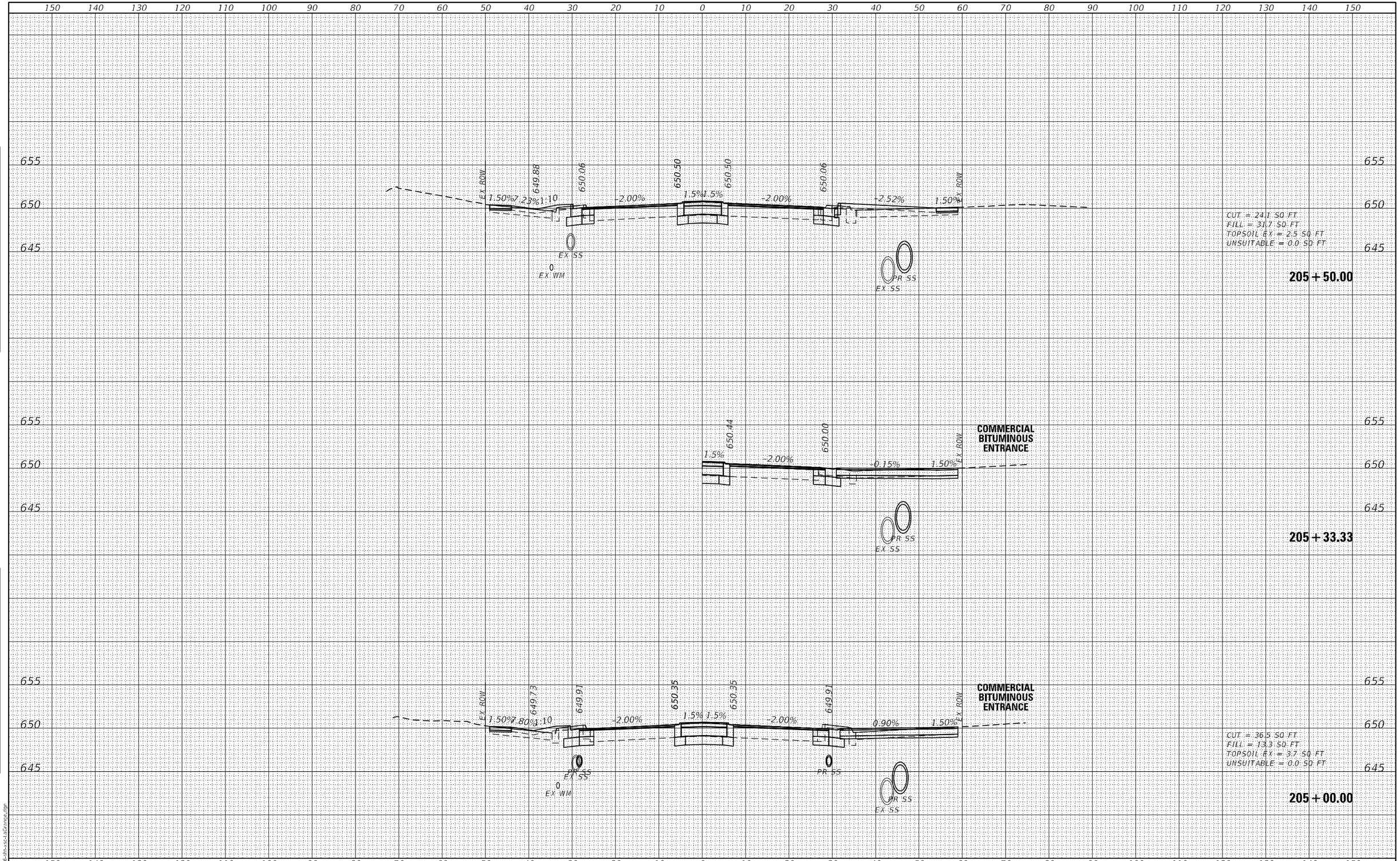
USER NAME = rjiang	DESIGNED - RGJ	REVISED -
	DRAWN - RGJ	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 12/20/45 (LAGRANGE ROAD) CROSS SECTIONS

SCALE: H:1"=10',V:1"=5' | SHEET 17 OF 22 SHEETS | STA. 203+50.00 | TO STA. 204+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	272
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		BY
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		DATE

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		BY
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		DATE

MODEL: Default
FILE NAME: I:\2166-thr-xsc-LaGrange.dgn

BURNS McDONNELL

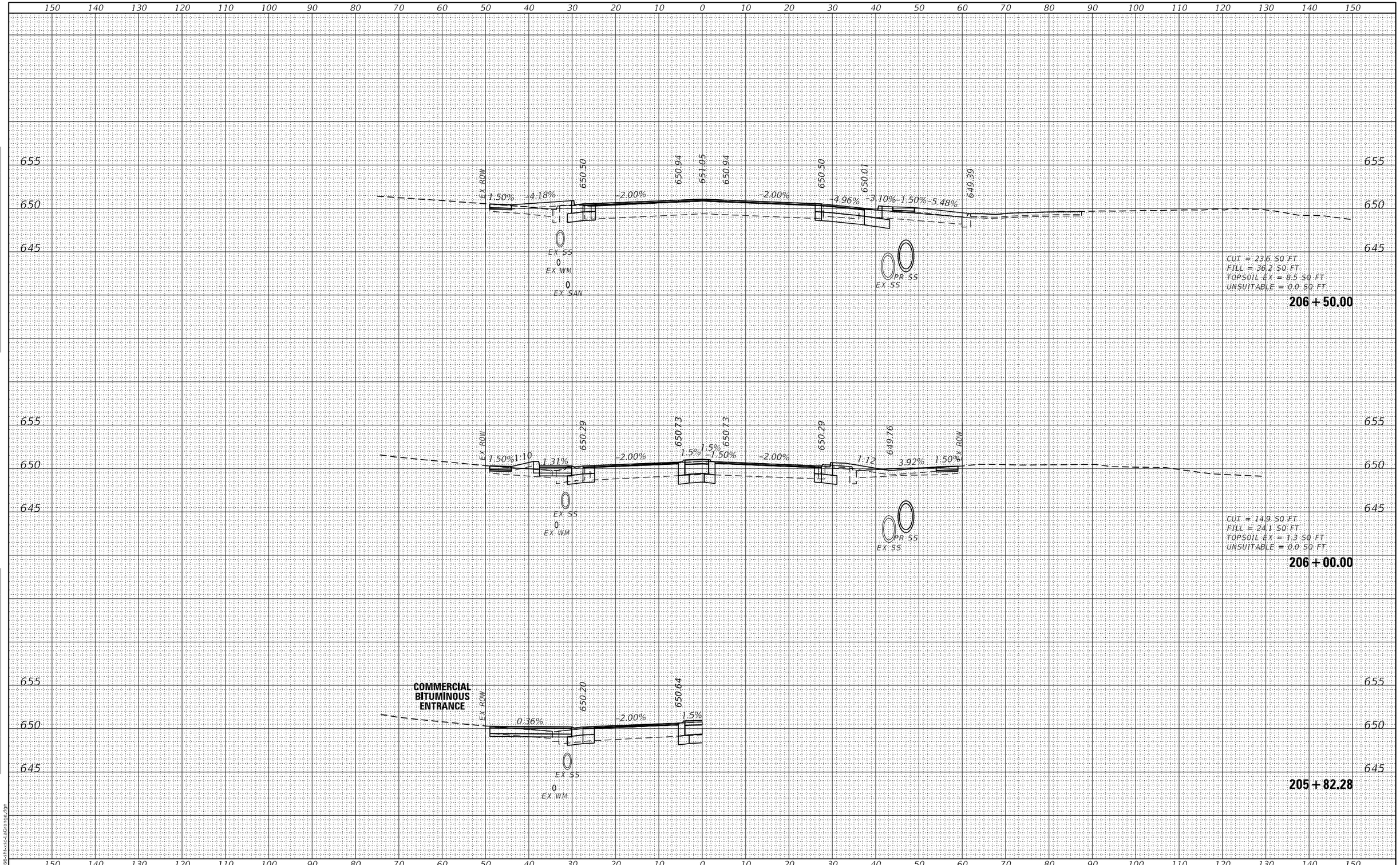
USER NAME = rjlang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 12/20/45 (LAGRANGE ROAD) CROSS SECTIONS

SCALE: H:1"=10';V:1"=5' | SHEET 18 OF 22 SHEETS | STA. 205+00.00 TO STA. 205+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	273
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		BY
PLOTTED		
TEMPLATE		
AREAS		DATE
AREAS CHECKED		

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		BY
PLOTTED		
TEMPLATE		
AREAS		DATE
AREAS CHECKED		

MODEL: Default
FILE NAME: I:\166-thr-xsc-laGrange.dgn

BURNS McDONNELL

USER NAME = rjlang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 12/20/45 (LAGRANGE ROAD) CROSS SECTIONS

SCALE: H:1"=10';V:1"=5' | SHEET 19 OF 22 SHEETS | STA. 205+82.28 | TO STA. 206+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	274
		CONTRACT NO. 60R50		
	ILLINOIS	FED. AID PROJECT		

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

655
650
645

COMMERCIAL CONCRETE ENTRANCE

EX ROW

650.43

650.87

0.39%

2.00%

EX TEL

EX SS

EX WM

EX SAN

207 + 36.52

655
650
645

EX ROW

650.52

650.96

651.07

650.96

650.52

650.43

649.89

1.50%

3.23%

-2.00%

-2.00%

-1.53%

-0.22%

-1.50%

-6.64%

EX SS

EX WM

EX SAN

EX SS

PR SS

CUT = 15.8 SQ FT
FILL = 48.0 SQ FT
TOPSOIL EX = 2.1 SQ FT
UNSUITABLE = 0.0 SQ FT

207 + 00.00

650
645

651.09

650.98

650.54

649.02

BOB O LINK DRIVE

-2.00%

-4.00%

-1.07%

EX SS

PR SS

206 + 71.77

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY
NOTE BOOK
NO.

SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

BY

DATE

ORIGINAL SURVEY
NOTE BOOK
NO.

SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

BY

DATE

MODEL: Default
FILE NAME: I:\2166-sht-xs-LaGrange.dgn

BURNS McDONNELL

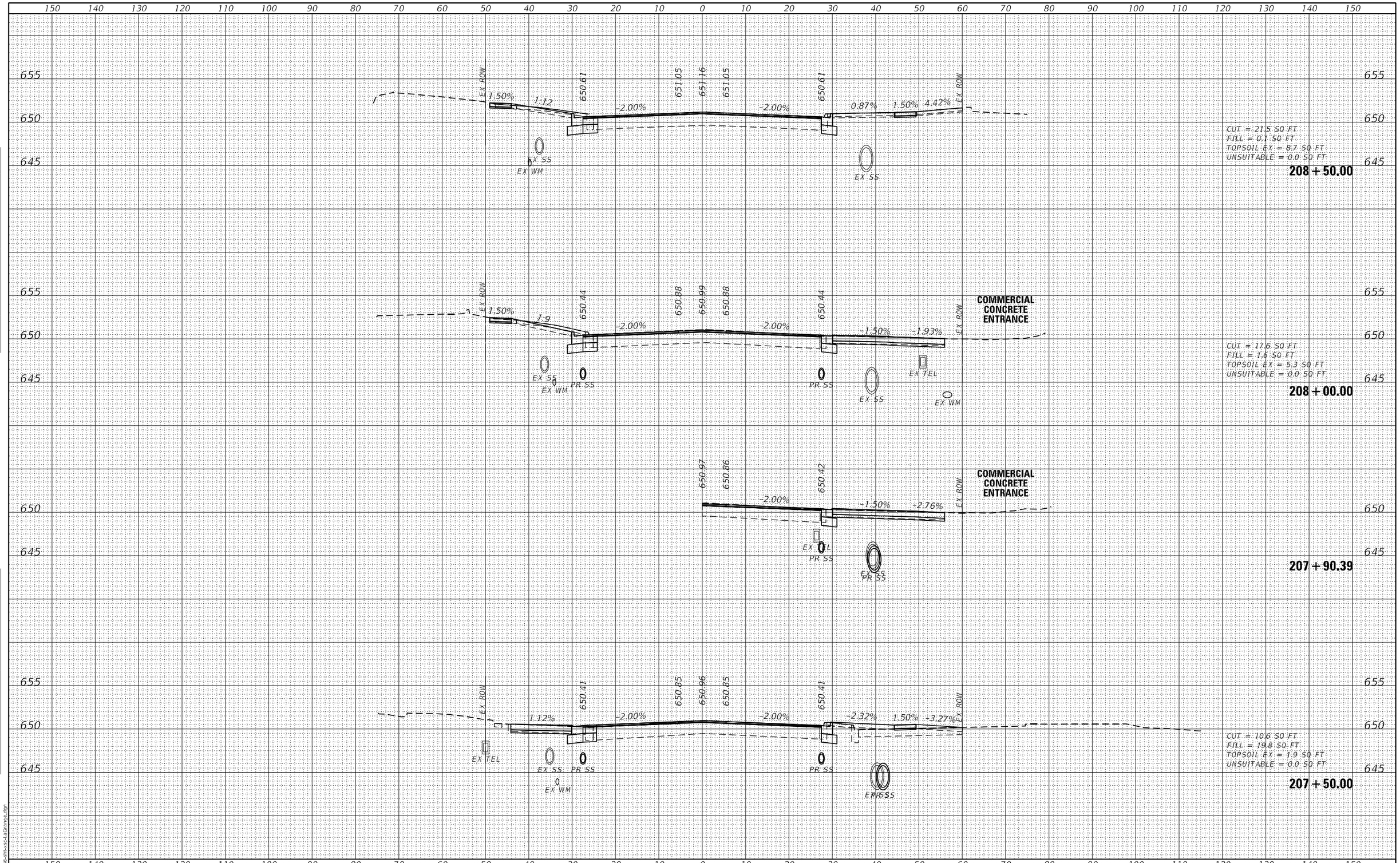
USER NAME = rjlang	DESIGNED - RGJ	REVISED -
	DRAWN - RGJ	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 12/20/45 (LAGRANGE ROAD) CROSS SECTIONS

SCALE: H:1"=10',V:1"=5' | SHEET 20 OF 22 SHEETS | STA. 206+71.77 | TO STA. 207+36.52

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	275
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

MODEL: Default
FILE NAME: I:\2166-sht-xs-LaGrange.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 12/20/45 (LAGRANGE ROAD) CROSS SECTIONS

SCALE: H:1"=10',V:1"=5' | SHEET 21 OF 22 SHEETS | STA. 207+50.00 | TO STA. 208+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	276
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY	NOTE BOOK	BY	DATE
SURVEYED			
PLOTTED			
TEMPLATE			
AREAS			
AREAS CHECKED			
NO.			

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

655
650
645

650.84
0.52%
1.50%
6.25%
EX ROW
EX SS
EX WM
EX SS

CUT = 7.5 SQ FT
FILL = 0.0 SQ FT
TOPSOIL EX = 8.6 SQ FT
UNSUITABLE = 0.0 SQ FT
209+06.84

650.81
0.82%
1.50%
5.83%
EX ROW
EX SS
EX WM
EX SS

CUT = 8.6 SQ FT
FILL = 0.0 SQ FT
TOPSOIL EX = 8.6 SQ FT
UNSUITABLE = 0.0 SQ FT
209+00.00

ORIGINAL SURVEY	NOTE BOOK	BY	DATE
SURVEYED			
PLOTTED			
TEMPLATE			
AREAS			
AREAS CHECKED			
NO.			

MODEL: Default
FILE NAME: I:\2166-sht-xs-LaGrange.dgn

BURNS McDONNELL

USER NAME = rjiang	DESIGNED - RGJ	REVISED -	
	DRAWN - RGJ	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - HTS	REVISED -	
PLOT DATE = 8/3/2024	DATE - 08/05/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 12/20/45 (LAGRANGE ROAD) CROSS SECTIONS

SCALE: H:1"=10',V:1"=5' | SHEET 22 OF 22 SHEETS | STA. 209+00.00 | TO STA. 209+06.84

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	0104WRS&N-11	COOK	277	277
		CONTRACT NO. 60R50		
		ILLINOIS	FED. AID PROJECT	