06-13-2025 LETTING ITEM 013

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	1
	ILLINOIS	CONTRACT NO. 62P93		

* 147 + 9 = 156 TOTAL SHEETS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED
HIGHWAY PLANS

VARIOUS ROUTES
VARIOUS LOCATIONS (NORWOOD PARK AND LEYDEN TOWNSHIPS)
SECTION: 2021-172-SW
ADA IMPROVEMENTS
COOK COUNTY

C-91-065-22

FOR INDEX OF SHEETS, SEE SHEET NO. 2

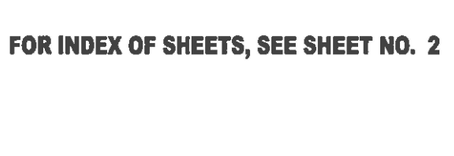
THE IMPROVEMENT IS LOCATED IN THE VILLAGES OF NORRIDGE, PARK RIDGE, RIVER GROVE AND ELMWOOD PARK

TRAFFIC DATA:

FOR TRAFFIC DATA
SEE SHEETS 7-12

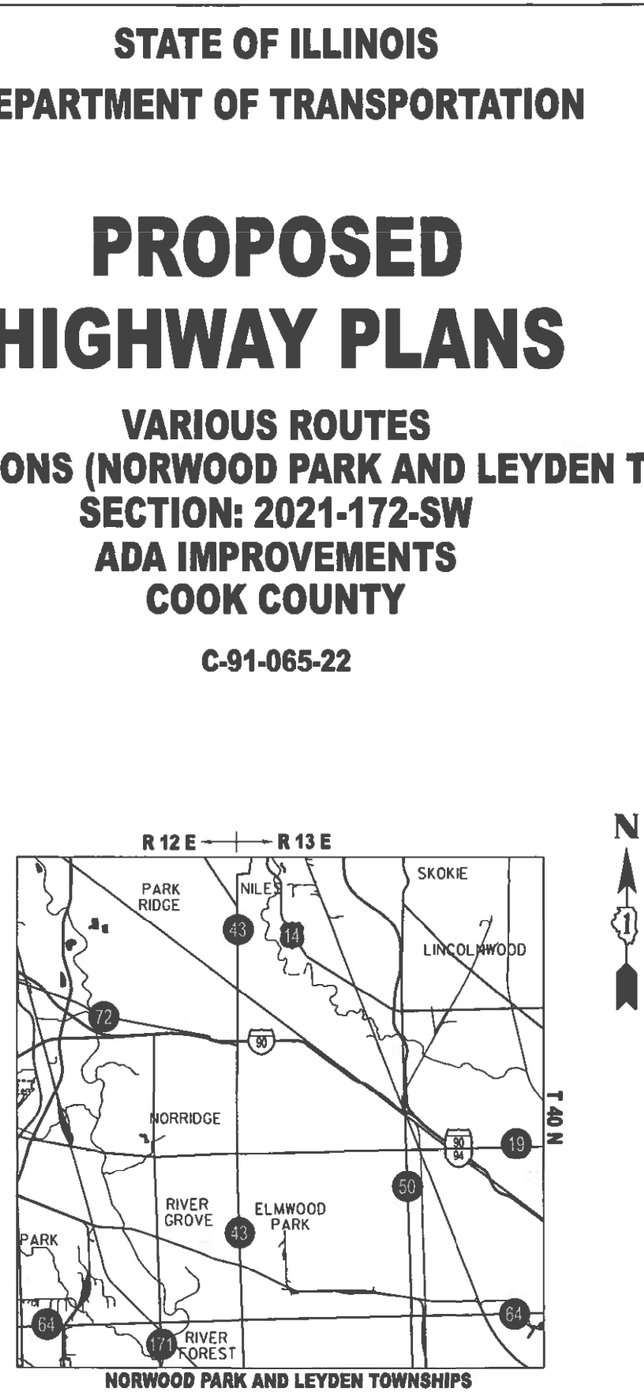
PROJECT LOCATION:

FOR LOCATION MAPS
SEE SHEETS 7-12



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

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



NORWOOD PARK AND LEYDEN TOWNSHIPS

GROSS AND NET LENGTH OF IMPROVEMENT - N/A (SPOT IMPROVEMENT)

D-91-071-22



LOCATION OF SECTION INDICATED THUS: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 26 20 25
REGIONAL ENGINEER

May 9 20 25
ENGINEER OF DESIGN AND ENVIRONMENT

May 9 20 25
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

REV-SEP

PROJECT ENGINEER: VESELIN VELICHKOV (847) 705-4432
PROJECT MANAGER: FAWAD AQUEEL

CONTRACT NO. 62P93

INDEX OF SHEETS

SHEET NO.	DESCRIPTION:
1	COVER SHEET
2	INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES
3-7	SUMMARY OF QUANTITIES
8-13	LOCATION MAP AND TRAFFIC DATA
14-103	PEDESTRIAN CURB RAMP PLANS AND DETAILS
104-123	TRAFFIC SIGNAL MODERNIZATION AND APS PLANS
124-126	SIGNING PLANS
127-132H	ADA SIDEWALK CURB RAMP DETAILS
133	DETAILS FOR FRAMES AND LIDS TO BE ADJUSTED WITH MILLING (BD-08)
134	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)
135	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)
136	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
137	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
138	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TC-14)
138A	ARTERIAL ROAD INFORMATION SIGNING (TC-22)
139	DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS (TS-02)
140-146	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS (TS-05)
147	DISTRICT ONE - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY ROADWAY RESURFACING (TS-07)

STATE STANDARDS:

000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS

424001-12 PERPENDICULAR CURB RAMPS FOR SIDEWALKS

424006-06 DIAGONAL CURB RAMPS FOR SIDEWALKS

424011-05 CORNER PARALLEL CURB RAMPS FOR SIDEWALKS

424016-06 MID-BLOCK RAMPS FOR SIDEWALKS

424031-03 MEDIAN PEDESTRIAN CROSSINGS

442201-03 CLASS C AND D PATCHES

604001-05 FRAME AND LIDS, TYPE 1

604086-05 FRAME AND GRATE, TYPE 23

606001-08 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER

701006-05 OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE

701011-04 OFF-ROAD MOVING OPERATION 2L, 2W, DAY ONLY

701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5M) TO 24" FROM PAVEMENT EDGE

701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS

701311-03 LANE CLOSURE 2L, 2W, MOVING OPERATIONS - DAY ONLY

701427-05 LANE CLOSURE, MULITLANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS LESS THAN OR EQUAL TO 40 MPH

701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED

701601-09 URBAN LANE CLOSURE, MULTILANE 1W OR 2W WITH NON-TRANSVERSABLE MEDIAN

701602-10 URBAN LANE CLOSURE, MULTILANE, 2W WITH BI-DIRECTIONAL 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

701901-10 TRAFFIC CONTROL DEVICES

780001-05 TYPICAL PAVEMENT MARKINGS

781001-04 TYPICAL APPLICATIONS FOR RAISED REFLECTIVE PAVEMENT MARKERS

814001-03 HANDHOLES

814006-03 DOUBLE HANDHOLES

857001-01 STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES

862001-01 UNITERRUPTABLE POWER SUPPLY (UPS)

873001-02 TRAFFIC SIGNAL GROUNDING AND BONDING

877001-08 STEEL MAST ARM ASSEMBLY POLE 16' THRU 55'

878001-11 CONCRETE FOUNDATION DETAILS

886001-01 DETECTOR LOOP INSTALLATIONS

886006-01 TYPICAL LAYOUTS FOR DETECTION LOOPS

GENERAL NOTES:

1) BEFORE STARTING ANY EXCAVATION THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES, (48 HOURS NOTIFICATION IS REQUIRED).

2) TEN (10) FOOT TRANSITION SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTERS AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITION SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.

3) THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH THE UTILITY COMPANIES AND THE VILLAGES OF NORRIDGE, PARK RIDGE, ELMWOOD PARK, RIVER GROVE.

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

5) ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.

6) ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.

7) ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

8) LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT [OR COMBINATION CURB AND GUTTER (THE TYPE SPECIFIED ON THE PLANS)], WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

9) DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

10) IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

11) FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENT SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT IN PART OF THIS CONTRACT.

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

13) WHEN THE MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1½ INCHES (40 mm) WHERE THE SPEED LIMIT IS 40 MPH (80 km/ h) OR LESS AND 1 INCH (25 mm) WHERE THE SPEED LIMIT IS GREATER THAN 40 MPH (80 km/ h). WITH WRITTEN APPROVAL OF THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75 mm) MAY BE ALLOWED IF THE EDGE OF THE MILLING MACHINE IS SLOPED A MINIMUM (1:3).

14) THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR FOR ARTERIALS AT KALPANA.KANNAN-HOUSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

15) PERMANENT PAVEMENT MARKINGS SHALL BE THERMOPLASTIC (OF THE EXTRUDED TYPE) AND SHOULD BE PLACED IN ACCORDANCE WITH THE "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL. (TC-24)

16) THE RESIDENT ENGINEER SHALL CONTACT MR. EMAD ALHUSSEINI, AREA TRAFFIC FIELD ENGINEER, AT EMAD.ALHUSSEINI@ILLINOIS.GOV, A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

17) THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.

18) THE CONTRACTOR SHALL CONTACT THE ROADSIDE DEVELOPMENT UNIT AT (847) 705-4171 AT LEAST TWO WEEKS PRIOR TO BEGINNING LANDSCAPE AND FORESTRY WORK FOR LAYOUT.

19) PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT-TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.

20) ALL MILLED SURFACES SHALL BE AT A UNIFORM CROSS SLOPE PER LANE AND FREE OF RIDGES BETWEEN PASSES. ANY DEVIATIONS SHALL BE CORRECTED AT NO COST TO THE DEPARTMENT.

21) THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTIES AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes	QMP

THE MIX BELOW IS FOR APPLICATION OF A 2 FOOT WIDE HMA STRIP IN FRONT OF THE PROPOSED ADA CURB RAMP FOR THE FOLLOWING: (A) SLOPE CORRECTIONS PER PLAN, (B) SLOPE CORRECTIONS AS DETERMINED IN THE FIELD, (C) AND / OR PAVEMENT SURFACE RESTORATION OF DAMAGED PAVEMENT SURFACE DURING CONSTRUCTION IN COORDINATION WITH AND UNDER THE DIRECTION OF THE RESIDENT ENGINEER.

PAVEMENT RESURFACING (SMART OVERLAY)

HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', IL-9.5, N70, 2"	4% @ 70 GYR.	QC / QA
QMP DESIGNATION: QUALITY CONTROL FOR PERFORMANCE (QCP); QUALITY CONTROL / QUALITY ASSURANCE (QC / QA); PAY FOR PERFORMANCE (PFP)		

NOTES:

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE QUANTITIES IS 112 LBS./SQ. YD./ IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY RECLAIMED MATERIAL SPECIFICATIONS.

FILE NAME =	USER NAME = Phillip.Steed	DESIGNED -	REVISED -
pw://idot-pw.bentley.com:PWIDOT/Documen	I:/IDOT Offices/District 1/ORD Projects/P1263 50 Norwood/Leyden/Design/Leyden-DesignSc	DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = 4/1/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES
NORWOOD PARK & LEYDEN TOWNSHIPS - ADA IMPROVEMENTS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	2

CONTRACT NO.: 62P93

ILLINOIS FED. AID PROJECT

REV-SEP

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
					TRAFFIC SIGNALS				
				100% STATE ROADWAY 0005	100% STATE APS 0021	96.7% STATE 3.3% VILLAGE LAWRENCE AVE. & PROSPECT AVE. 0021	90% STATE 10% VILLAGE LAWRENCE AVE. & CANFIELD AVE. 0021	90% STATE 10% VILLAGE LAWRENCE AVE. & OVERHILL AVE. 0021	100% COST TO VILLAGE OF NORRIDGE EVP 0021
20200100	EARTH EXCAVATION	CU YD	220	220					
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	699	699					
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	9	9					
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	9	9					
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	9	9					
25200110	SODDING, SALT TOLERANT	SQ YD	699	699					
25200200	SUPPLEMENTAL WATERING	UNIT	15	15					
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	518	518					
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	86	86					
42001300	PROTECTIVE COAT	SQ YD	3301	3301					
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	6	6					
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	19330	19330					
42400800	DETECTABLE WARNINGS	SQ FT	1619	1619					
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	767	767					

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
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44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	6	6					
44000600	SIDEWALK REMOVAL	SQ FT	19330	19330					
60250200	CATCH BASINS TO BE ADJUSTED	EACH	7	7					
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	5	5					
60255500	MANHOLES TO BE ADJUSTED	EACH	15	15					
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	3	3					
60260100	INLETS TO BE ADJUSTED	EACH	6	6					
60266600	VALVE BOXES TO BE ADJUSTED	EACH	1	1					
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	23	23					
60300405	VALVE BOX FRAMES TO BE ADJUSTED	EACH	8	8					
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	1	1					
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	7	7					
*66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	220	220					
*66900530	SOIL DISPOSAL ANALYSIS	EACH	15	15					
*66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1					

* SPECIALTY ITEMS

** INTERCONNECT

FILE NAME = pw://idot-pw.bentley.com:PWIDOT/Documents/IDOT Offices/District 1/ORD Projects/P12635/CADData/Leyden/Design/DRAWN-DesignScratch.dgn	USER NAME = PhilipSteed	DESIGNED -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = 4/3/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
NORWOOD PARK & LEYDEN TOWNSHIPS - ADA IMPROVEMENTS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	3
		CONTRACT NO.: 62P93		
	ILLINOIS FED. AID PROJECT			

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
					TRAFFIC SIGNALS				
				100% STATE ROADWAY 0005	100% STATE APS 0021	96.7% STATE 3.3% VILLAGE LAWRENCE AVE. & PROSPECT AVE. 0021	90% STATE 10% VILLAGE LAWRENCE AVE. & CANFIELD AVE. 0021	90% STATE 10% VILLAGE LAWRENCE AVE. & OVERHILL AVE. 0021	100% COST TO VILLAGE OF NORRIDGE EVP 0021
*66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION	L SUM	1	1					
	REPORT								
*66901006	REGULATED SUBSTANCES MONITORING	CAL DA	30	30					
70102620	TRAFFIC CONTROL AND PROTECTION,	L SUM	1	1					
	STANDARD 701501								
70102630	TRAFFIC CONTROL AND PROTECTION,	L SUM	1	1					
	STANDARD 701601								
70102632	TRAFFIC CONTROL AND PROTECTION,	L SUM	1	1					
	STANDARD 701602								
70102635	TRAFFIC CONTROL AND PROTECTION,	L SUM	1	1					
	STANDARD 701701								
70102640	TRAFFIC CONTROL AND PROTECTION,	L SUM	1	1					
	STANDARD 701801								
*72000100	SIGN PANEL - TYPE 1	SQ FT	99.75			27.75	36	36	
*72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	118	118					
*72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	10	10					
*78000400	THERMOPLASTIC PAVEMENT MARKING - LINE	FOOT	3805	3805					
	6"								
*78000600	THERMOPLASTIC PAVEMENT MARKING - LINE	FOOT	1164	1164					
	12"								

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
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*78000650	THERMOPLASTIC PAVEMENT MARKING - LINE	FOOT	1643	1643					
	24"								
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	7894	7894					
*81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL,	FOOT	1851		**68	488	522	773	
	2" DIA.								
*81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL,	FOOT	379			113	166	100	
	3" DIA.								
*81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL,	FOOT	996		**156	179	360	301	
	4" DIA.								
*81400100	HANDHOLE	EACH	21		3	5	6	7	
*81400200	HEAVY-DUTY HANDHOLE	EACH	4				2	2	
*81400300	DOUBLE HANDHOLE	EACH	5			1	2	2	
*87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO.	FOOT	3365.5		**3365.5				
	14 1C								
*87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO.	FOOT	2796.5			636.5	1168	992	
	14 2C								
*87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO.	FOOT	3610			867	1488	1255	
	14 3C								
*87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO.	FOOT	5897			1580	2310.5	2006.5	
	14 5C								

* SPECIALTY ITEMS

** INTERCONNECT

FILE NAME = pw://idot-pw.bentley.com:PWIDOT/Documents/IDOT Offices/District 1/ORD Projects/P126315/CADData/Leyden/Design/DRAWN-DesignScratch.dgn	USER NAME = PhilipSteed	DESIGNED -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = 4/3/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
NORWOOD PARK & LEYDEN TOWNSHIPS - ADA IMPROVEMENTS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	4
		CONTRACT NO.: 62P93		
	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
					TRAFFIC SIGNALS				
				100% STATE ROADWAY 0005	100% STATE APS 0021	96.7% STATE 3.3% VILLAGE LAWRENCE AVE. & PROSPECT AVE. 0021	90% STATE 10% VILLAGE LAWRENCE AVE. & CANFIELD AVE. 0021	90% STATE 10% VILLAGE LAWRENCE AVE. & OVERHILL AVE. 0021	100% COST TO VILLAGE OF NORRIDGE EVP 0021
✱87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO.	FOOT	1264				681	583	
	14 7C								
✱87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO.	FOOT	4808.5			1223	1705	1880.5	
	14 1 PAIR								
✱87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO.	FOOT	276			86.5	47.5	142	
	6 2 C								
✱87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT	FOOT	3587			1064	1307	1216	
	GROUNDING CONDUCTOR, NO. 6 1C								
✱87501200	TRAFFIC SIGNAL POST, 16 FT.	EACH	9			2	4	3	
✱87700160	STEEL MAST ARM ASSEMBLY AND POLE, 24	EACH	1					1	
	FT.								
✱87700170	STEEL MAST ARM ASSEMBLY AND POLE, 26	EACH	2			1	1		
	FT.								
✱87700180	STEEL MAST ARM ASSEMBLY AND POLE, 28	EACH	2			2			
	FT.								
✱87700190	STEEL MAST ARM ASSEMBLY AND POLE, 30	EACH	1					1	
	FT.								
✱87700210	STEEL MAST ARM ASSEMBLY AND POLE, 34	EACH	1			1			
	FT.								
✱87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38	EACH	2					2	
	FT.								

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
					TRAFFIC SIGNALS				
				100% STATE ROADWAY 0005	100% STATE APS 0021	96.7% STATE 3.3% VILLAGE LAWRENCE AVE. & PROSPECT AVE. 0021	90% STATE 10% VILLAGE LAWRENCE AVE. & CANFIELD AVE. 0021	90% STATE 10% VILLAGE LAWRENCE AVE. & OVERHILL AVE. 0021	100% COST TO VILLAGE OF NORRIDGE EVP 0021
✱87700240	STEEL MAST ARM ASSEMBLY AND POLE, 40	EACH	2				2		
	FT.								
✱87800100	CONCRETE FOUNDATION, TYPE A	FOOT	48			12	20	16	
✱87800150	CONCRETE FOUNDATION, TYPE C	FOOT	12			4	4	4	
✱87800400	CONCRETE FOUNDATION, TYPE E 30-INCH	FOOT	50			30	10	10	
	DIAMETER								
✱87800415	CONCRETE FOUNDATION, TYPE E 36-INCH	FOOT	70				37	33	
	DIAMETER								
✱88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION,	EACH	22			6	8	8	
	MAST-ARM MOUNTED								
✱88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION,	EACH	18			6	6	6	
	BRACKET MOUNTED								
✱88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION,	EACH	4				2	2	
	BRACKET MOUNTED								
✱88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION,	EACH	4				2	2	
	MAST-ARM MOUNTED								
✱88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE,	EACH	20			4	8	8	
	BRACKET MOUNTED WITH COUNTDOWN TIMER								
✱88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED,	EACH	26			6	10	10	
	FORMED PLASTIC								

✱ SPECIALTY ITEMS

✱✱ INTERCONNECT

FILE NAME = pw://idot-pw.bentley.com:PWIDOT/Documents/IDOT Offices/District 1/ORD Projects/P126315/CADData/Leyden/Design/Drawn-DesignScratch.dgn	USER NAME = PhilipSteed	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = 4/3/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
NORWOOD PARK & LEYDEN TOWNSHIPS - ADA IMPROVEMENTS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	5
		CONTRACT NO.: 62P93		
	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
					TRAFFIC SIGNALS				
				100% STATE ROADWAY 0005	100% STATE APS 0021	96.7% STATE 3.3% VILLAGE LAWRENCE AVE. & PROSPECT AVE. 0021	90% STATE 10% VILLAGE LAWRENCE AVE. & CANFIELD AVE. 0021	90% STATE 10% VILLAGE LAWRENCE AVE. & OVERHILL AVE. 0021	100% COST TO VILLAGE OF NORRIDGE EVP 0021
*88500100	INDUCTIVE LOOP DETECTOR	EACH	21			5	8	8	
*88600100	DETECTOR LOOP, TYPE I	FOOT	1398			280	488	630	
*88700200	LIGHT DETECTOR	EACH	6						6
*88700300	LIGHT DETECTOR AMPLIFIER	EACH	3						3
*89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	9052			1428	4722	2902	
*89502375	REMOVE EXISTING TRAFFIC SIGNAL	EACH	3			1	1	1	
	EQUIPMENT								
*89502380	REMOVE EXISTING HANDHOLE	EACH	15			3	7	5	
*89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	2				1	1	
*89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	22			6	9	7	
*X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1					
*X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE	FOOT	691.5						691.5
	SENSOR CABLE, NO. 20 3/C								
*X0325922	CELLULAR MODEM	EACH	1		**1				
*X1400150	SERVICE INSTALLATION, GROUND MOUNTED,	EACH	3			1	1	1	
	METERED								
*X1400216	LAYER II (DATALINK) SWITCH	EACH	3			1	1	1	

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
					TRAFFIC SIGNALS				
				100% STATE ROADWAY 0005	100% STATE APS 0021	96.7% STATE 3.3% VILLAGE LAWRENCE AVE. & PROSPECT AVE. 0021	90% STATE 10% VILLAGE LAWRENCE AVE. & CANFIELD AVE. 0021	90% STATE 10% VILLAGE LAWRENCE AVE. & OVERHILL AVE. 0021	100% COST TO VILLAGE OF NORRIDGE EVP 0021
*X1400367	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	1			1			
*X1400378	PEDESTRIAN SIGNAL POST, 5 FT.	EACH	4			1	1	2	
*X1400514	TACTICS LICENSE EXPANSION	EACH	3			1	1	1	
*X4400501	COMBINATION CURB AND GUTTER REMOVAL AND	FOOT	225	225					
	REPLACEMENT LESS THAN OR EQUAL TO 10								
	FEET								
*X4400503	COMBINATION CURB AND GUTTER REMOVAL AND	FOOT	3225	3225					
	REPLACEMENT GREATER THAN 10 FEET								
*X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	1020	1020					
*X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	12	12					
*X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	102.8	102.8					
*X8101099	UNDERGROUND CONDUIT, MULTI-DUCT, 3-22MM	FOOT	3630		**3630				
	(2), 1.25 SDR 11 (1) MICRODUCTS								
*X8570232	FULL-ACTUATED CONTROLLER AND TYPE SUPER	EACH	3			1	1	1	
	P CABINET								
*X8620200	UNINTERRUPTABLE POWER SUPPLY (SPECIAL)	EACH	3			1	1	1	
*X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE	FOOT	4397		**4397				
	MODE								

* SPECIALTY ITEMS

** INTERCONNECT

FILE NAME = pw://idot-pw.bentley.com:PWIDOT/Documents/IDOT Offices/District 1/ORD Projects/P12631/5/CADData/Leyden/Desi	USER NAME = PhilipSteed	DESIGNED -	REVISED -
	DRAWN -		REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = 4/3/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
NORWOOD PARK & LEYDEN TOWNSHIPS - ADA IMPROVEMENTS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	6
		CONTRACT NO.: 62P93		
	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
					TRAFFIC SIGNALS				
CODE NO	ITEM	UNIT		100% STATE ROADWAY 0005	100% STATE APS 0021	96.7% STATE 3.3% VILLAGE LAWRENCE AVE. & PROSPECT AVE. 0021	90% STATE 10% VILLAGE LAWRENCE AVE. & CANFIELD AVE. 0021	90% STATE 10% VILLAGE LAWRENCE AVE. & OVERHILLAVE. 0021	100% COST TO VILLAGE OF NORRIDGE EVP 0021
* X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	20			4	8	8	
* X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH	FOOT	20			8	4	8	
	DIAMETER								
* X8809005	LED SIGNAL FACE, LENS COVER	EACH	48			12	18	18	
X8860105	DETECTOR LOOP REPLACEMENT	FOOT	2364		2364				
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	36	36					
* Z0033056	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1		1				
Ø Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	500	500					

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
					TRAFFIC SIGNALS				
CODE NO	ITEM	UNIT		100% STATE ROADWAY 0005	100% STATE APS 0021	96.7% STATE 3.3% VILLAGE LAWRENCE AVE. & PROSPECT AVE. 0021	90% STATE 10% VILLAGE LAWRENCE AVE. & CANFIELD AVE. 0021	90% STATE 10% VILLAGE LAWRENCE AVE. & OVERHILL AVE. 0021	100% COST TO VILLAGE OF NORRIDGE EVP 0021

Ø 0042

* SPECIALTY ITEMS

** INTERCONNECT

FILE NAME = pw://ildot-pw.bentley.com:PWIDOT/Documents/IDOT Offices/District 1/ORD Projects/P126315/CADData/Leyden/Design/DRAWN-DesignScratch.dgn	USER NAME = PhilipSteed	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = 4/3/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
NORWOOD PARK & LEYDEN TOWNSHIPS - ADA IMPROVEMENTS

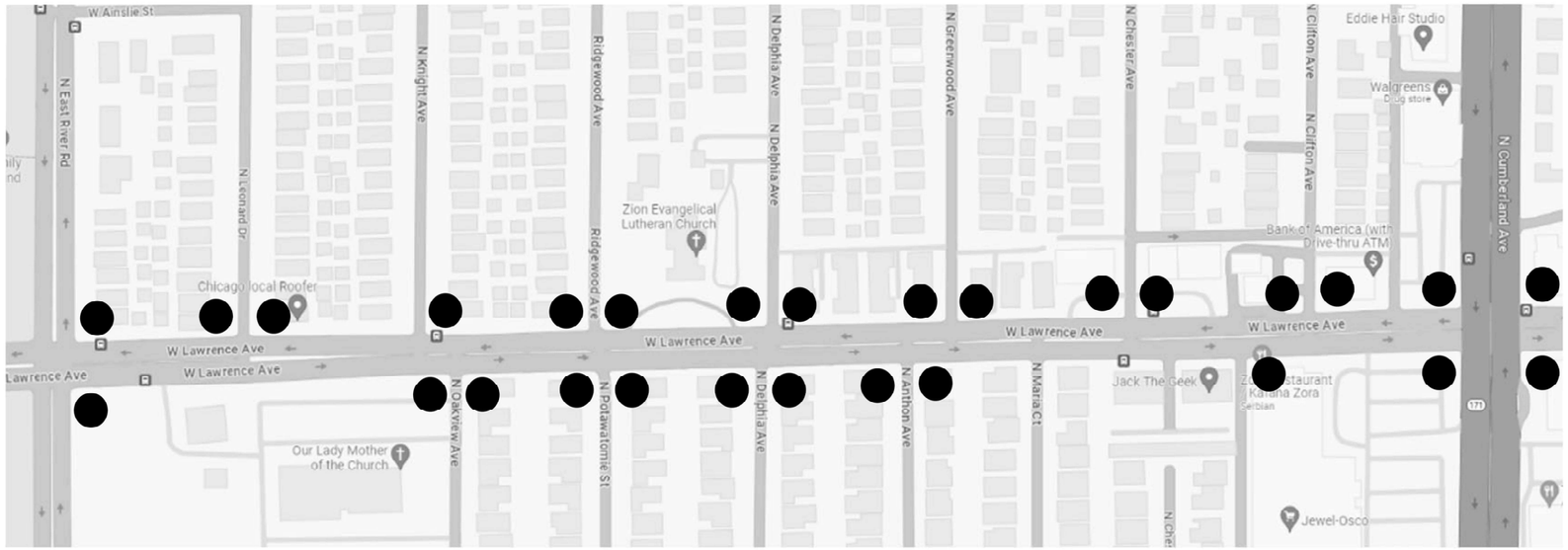
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	7
		CONTRACT NO.: 62P93		
	ILLINOIS FED. AID PROJECT			



TRAFFIC DATA:

LAWRENCE AVE.
ADT (2022) – 15133
SPEED LIMIT – 35 MPH



TRAFFIC DATA:

LAWRENCE AVE.
ADT (2022) – 15133
SPEED LIMIT – 35 MPH

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	PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION MAP AND TRAFFIC DATA
NORWOOD PARK & LEYDEN TOWNSHIPS - ADA IMPROVEMENTS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	8

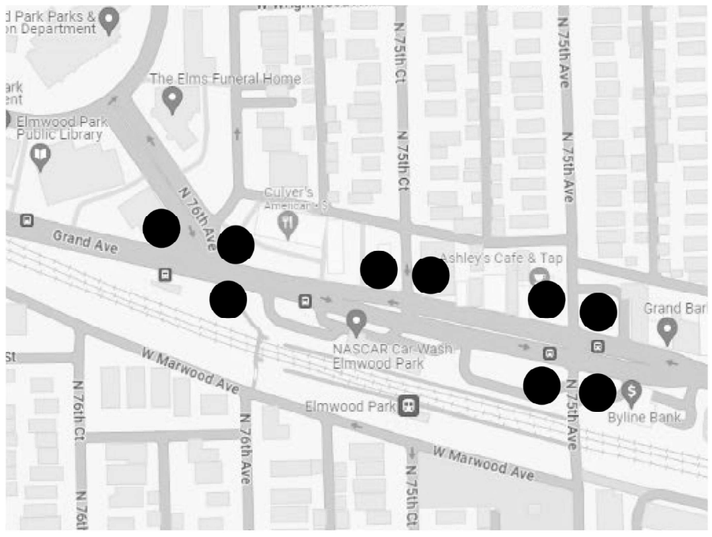
CONTRACT NO.: 62P93

ILLINOIS | FED. AID PROJECT



TRAFFIC DATA:

LAWRENCE AVE.
ADT (2022) – 15950
SPEED LIMIT – 35 MPH



TRAFFIC DATA:

GRAND AVE.
ADT (2022) – 22700
SPEED LIMIT – 30 MPH

FILE NAME = pw://ildot-pw.bentley.com:PWIDOT/Documents/IDOT Offices/District 1/ORD Projects/P1263	USER NAME = Phillip.Steed	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

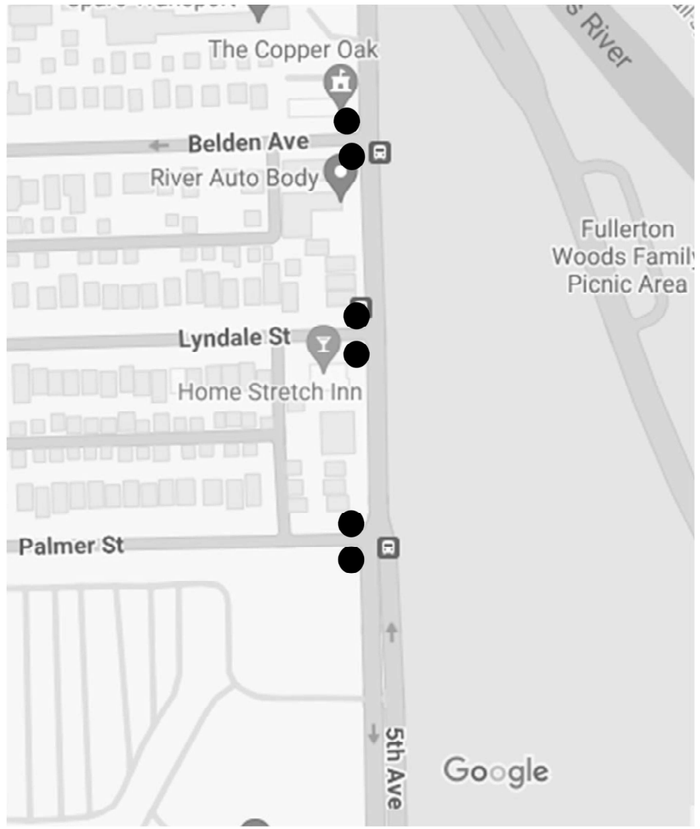
LOCATION MAP AND TRAFFIC DATA
NORWOOD PARK & LEYDEN TOWNSHIPS - ADA IMPROVEMENTS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	9

CONTRACT NO.: 62P93

ILLINOIS FED. AID PROJECT





TRAFFIC DATA:

5TH AVE.
ADT (2022) – 8950
SPEED LIMIT – 35 MPH

TRAFFIC DATA:

1ST AVE.
ADT (2019) – 18800 TO 35400
SPEED LIMIT – 30 MPH

TRAFFIC DATA:

FULLERTON AVE.
ADT (2022) – 5250
SPEED LIMIT – 25 MPH

FILE NAME = pw://ildot-pw.bentley.com:PWIDOT/Documents/IDOT Offices/District 1/ORD Projects/P1263 5th Ave/Leyden/Design/Leyden-DesignScreen.dgn	USER NAME = Phillip.Steed	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION MAP AND TRAFFIC DATA
NORWOOD PARK & LEYDEN TOWNSHIPS - ADA IMPROVEMENTS

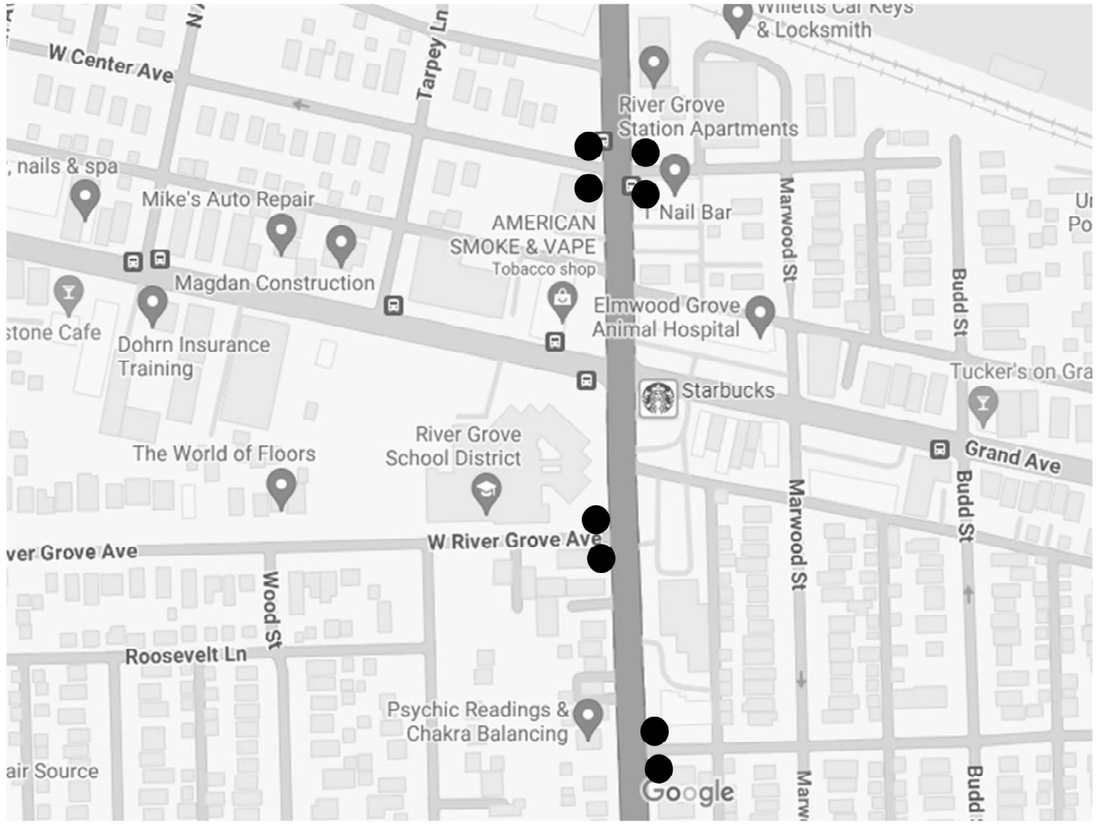
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	10

CONTRACT NO.: 62P93

ILLINOIS | FED. AID PROJECT





TRAFFIC DATA:

1ST AVE.
ADT (2021) – 18800 TO 23800
SPEED LIMIT – 30 MPH

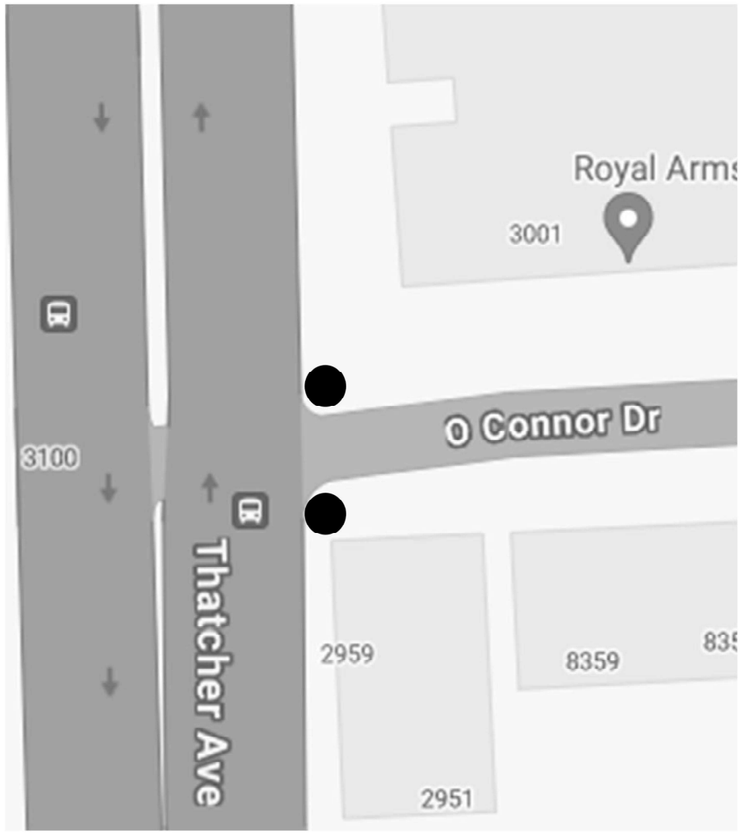
TRAFFIC DATA:

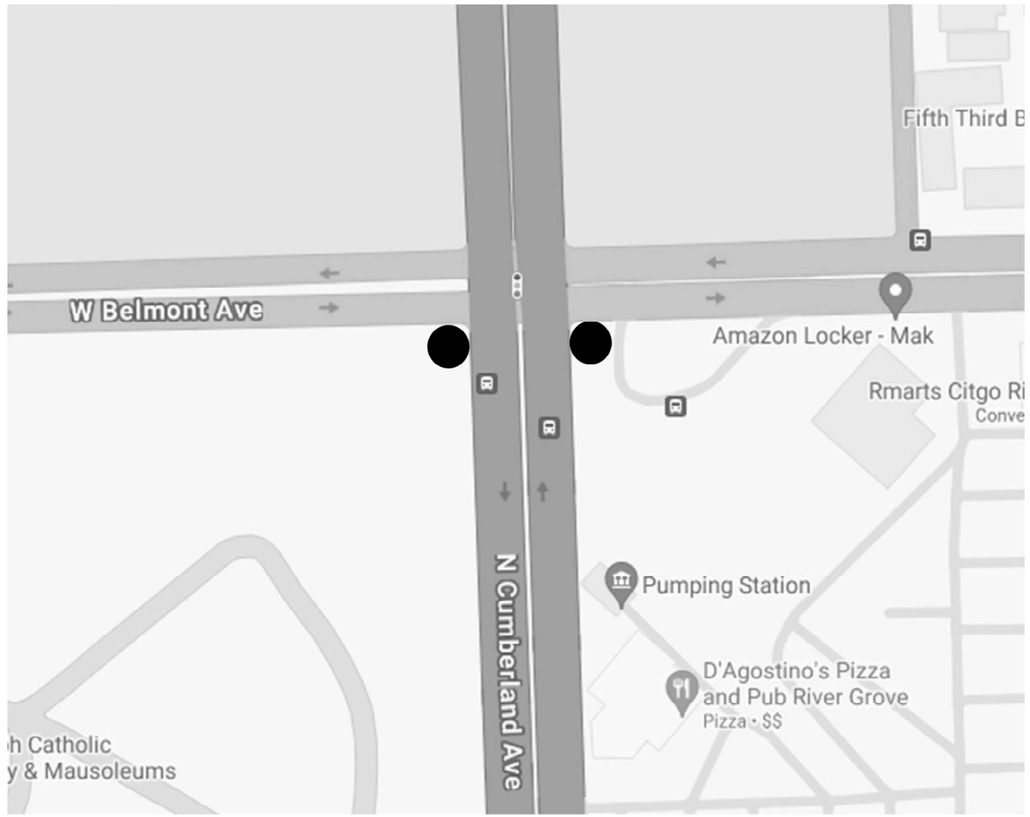
THATCHER AVE.
ADT (2022) – 5150
SPEED LIMIT – 25 MPH

TRAFFIC DATA:

THATCHER AVE.
ADT (2021) – 25100 TO 26300
SPEED LIMIT – 30 MPH

FILE NAME = pw://ildot-pw.bentley.com:PWIDOT/Documents/IDOT Offices/District 1/ORD Projects/P1263	USER NAME = Phillip.Steed	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION MAP AND TRAFFIC DATA NORWOOD PARK & LEYDEN TOWNSHIPS - ADA IMPROVEMENTS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = $SCALE$	DRAWN -	REVISED -			VAR.	2021-172-SW	COOK	147	11
	PLOT DATE = 3/30/2025	CHECKED -	REVISED -			CONTRACT NO.: 62P93				
		DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT				





TRAFFIC DATA:

THATCHER AVE.
ADT (2021) – 26300
SPEED LIMIT – 30 MPH

TRAFFIC DATA:

CUMBERLAND AVE.
ADT (2021) – 26300 TO 29100
SPEED LIMIT – 35 MPH

TRAFFIC DATA:

BELMONT AVE.
ADT (2022) – 13400 TO 22000
SPEED LIMIT – 30 TO 40 MPH

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	PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

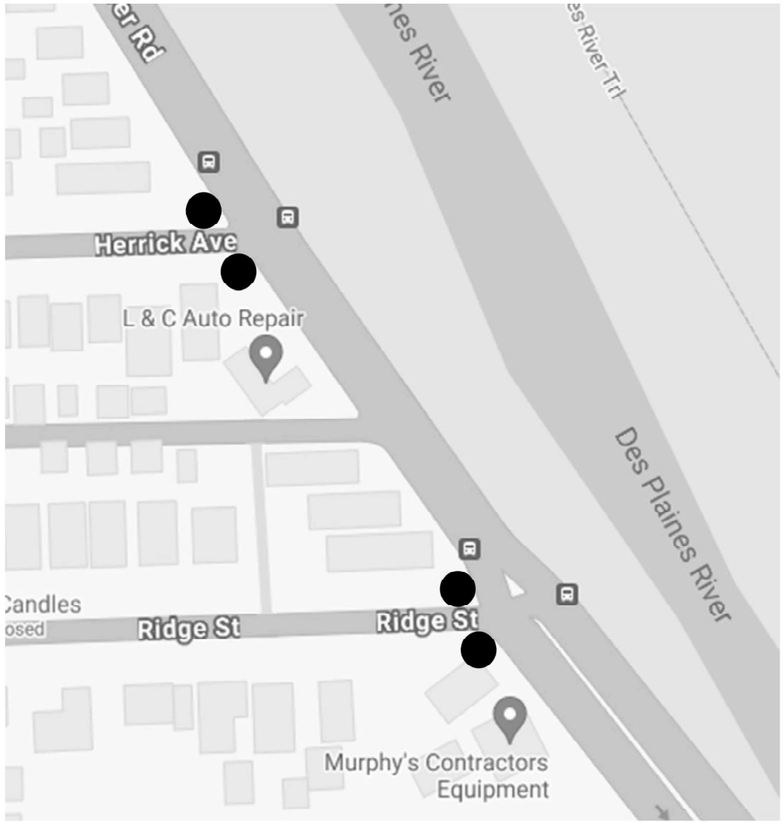
LOCATION MAP AND TRAFFIC DATA
NORWOOD PARK & LEYDEN TOWNSHIPS - ADA IMPROVEMENTS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	12

CONTRACT NO.: 62P93

ILLINOIS | FED. AID PROJECT



TRAFFIC DATA:

DES PLAINES RIVER RD.
ADT (2022) – 23400
SPEED LIMIT – 35 MPH

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		DRAWN -	REVISED -
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	PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION MAP AND TRAFFIC DATA
NORWOOD PARK & LEYDEN TOWNSHIPS - ADA IMPROVEMENTS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	13

CONTRACT NO.: 62P93

ILLINOIS | FED. AID PROJECT

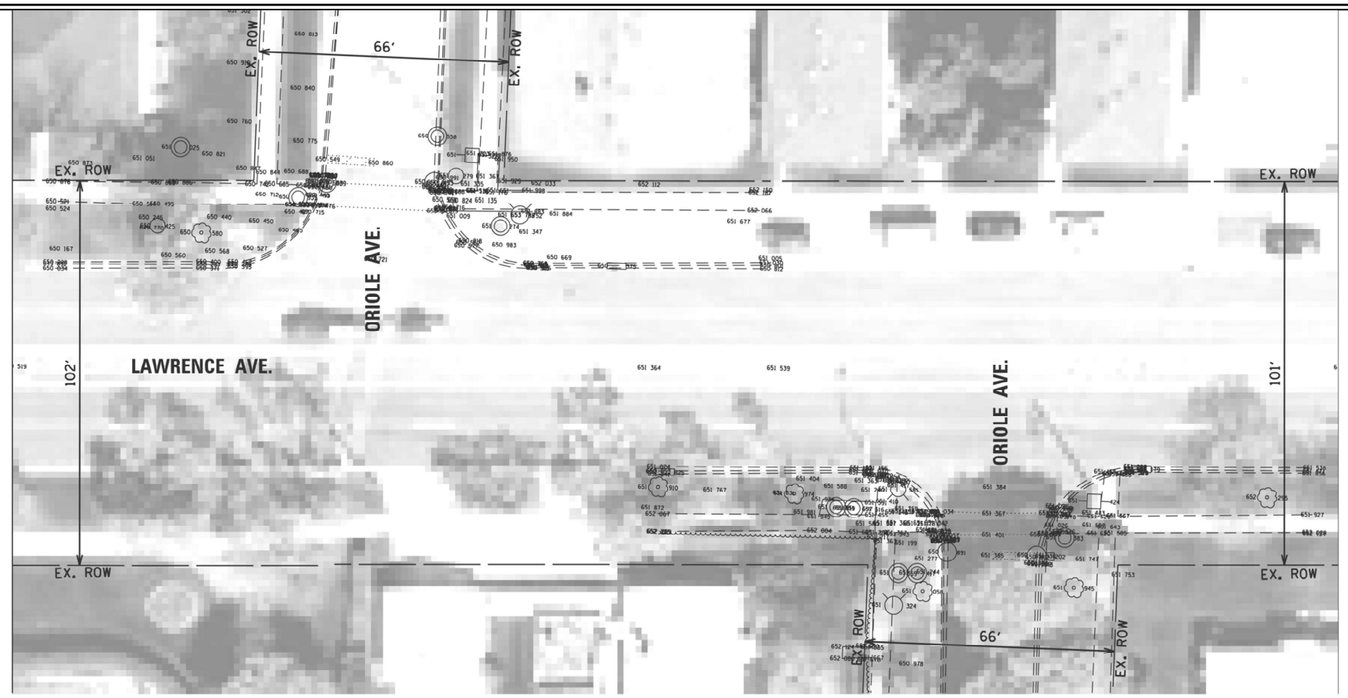


NORTHWEST CORNER





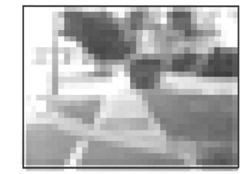
SOUTHWEST CORNER



EXISTING

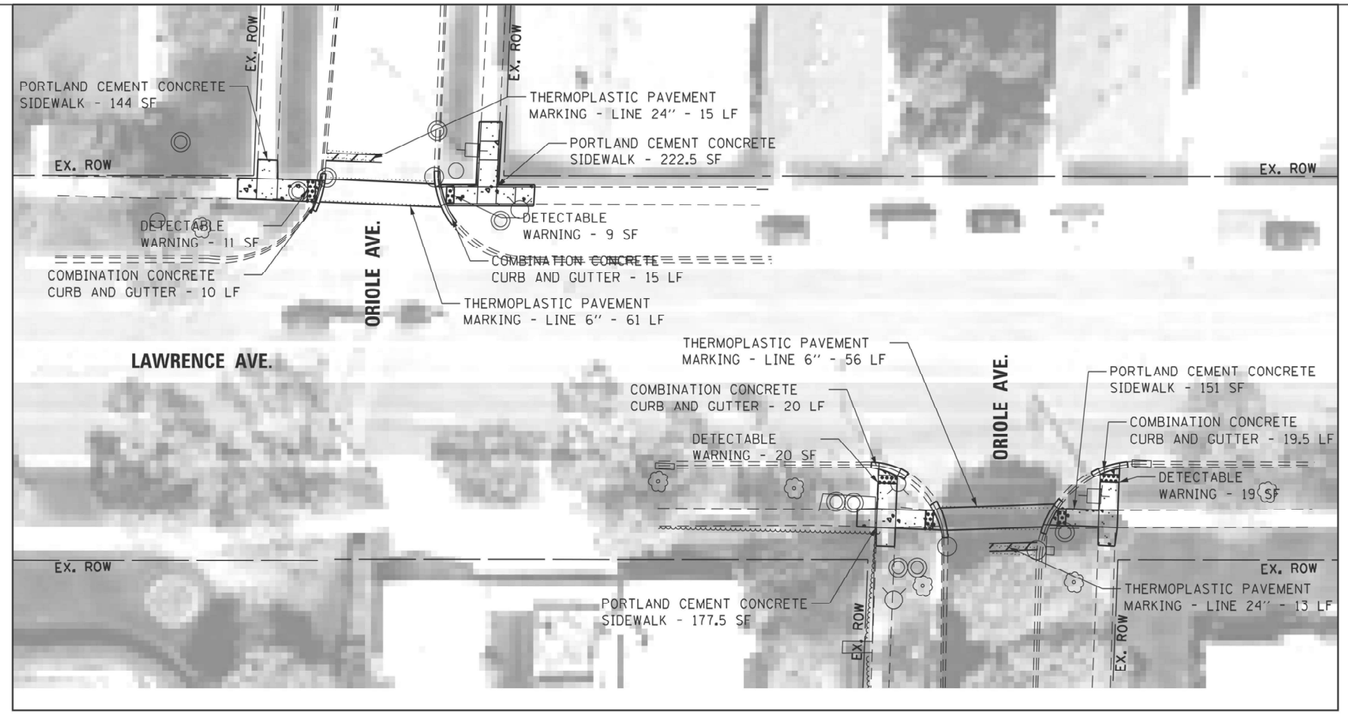


NORTHEAST CORNER





SOUTHEAST CORNER



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK, (SPECIAL)
- ADA COMPLIANT GRATE
- UTILITY STRUCTURE TO BE ADJUSTED
- UTILITY STRUCTURE TO BE RELOCATED
- COMBINATION CONRETE CURB AND GUTTER
- EXISTING R.O.W. LINE
- SINGLE POST SIGN
- ABOVE GROUND SPLICE BOX
- CONTROLLER BOX
- FIRE HYDRANT
- GUY POLE
- HANDHOLE
- LIGHT STANDARD
- MANHOLE
- POWER LINE
- TELEPHONE
- TRAFFIC SIGNAL
- VEGETATION OUTLINE
- SINGLE TREE OR BUSH

N

0 20 40 60

SCALE IN FEET

NOTE:
PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.

FILE NAME = pw://ildot-pw.bentley.com:PWIDOT/Documents/IDOT Offices/District 1/ORD Projects/P126315/ORD Auto/Leyden/Design/Leyden-DesignScript.dgn	USER NAME = Phillip.Steed	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = @SCALE@	CHECKED -	REVISED -
	PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

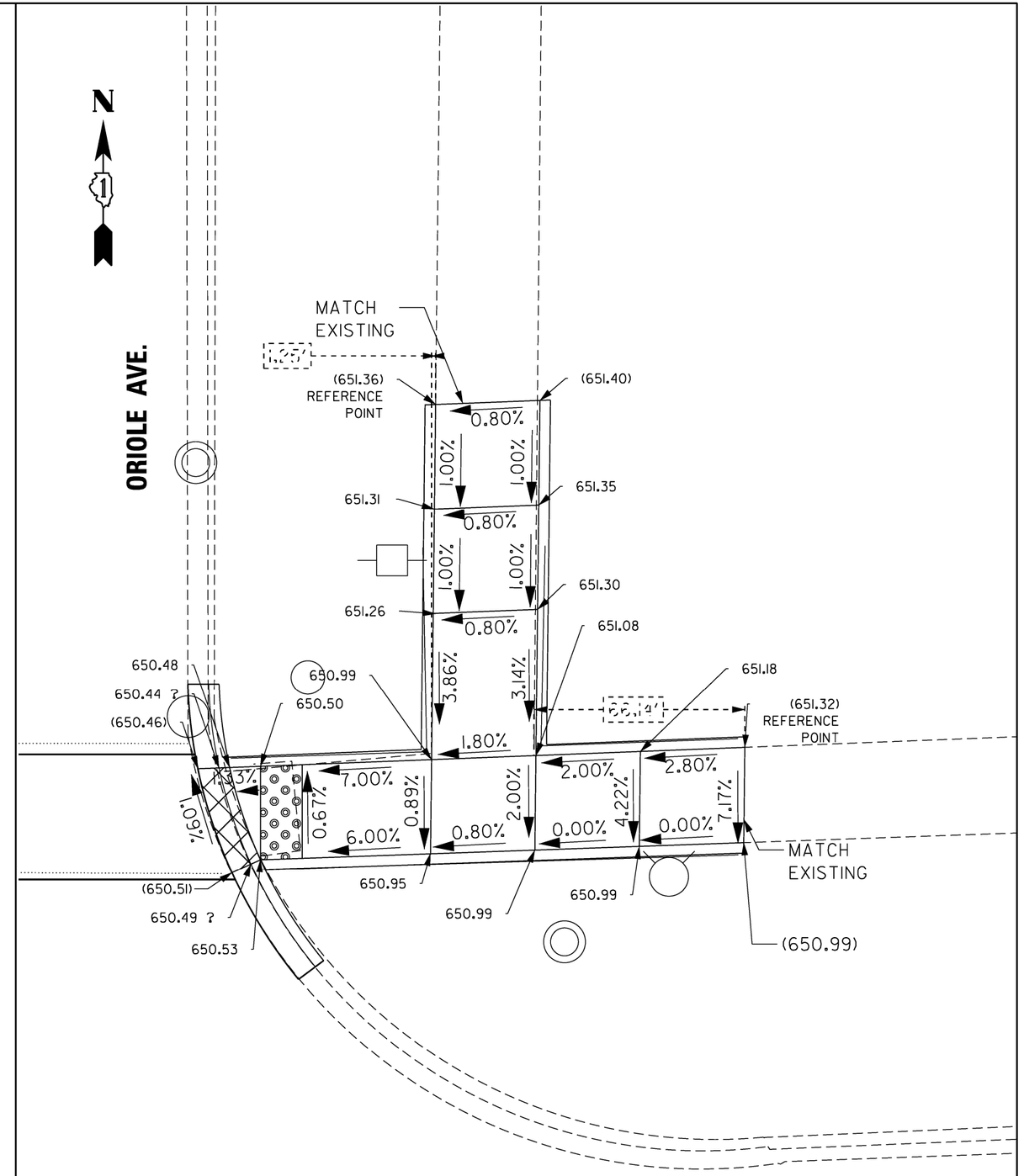
ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	14

CONTRACT NO.: 62P93

ILLINOIS FED. AID PROJECT



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	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 3/30/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	15
		CONTRACT NO.: 62P93		
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
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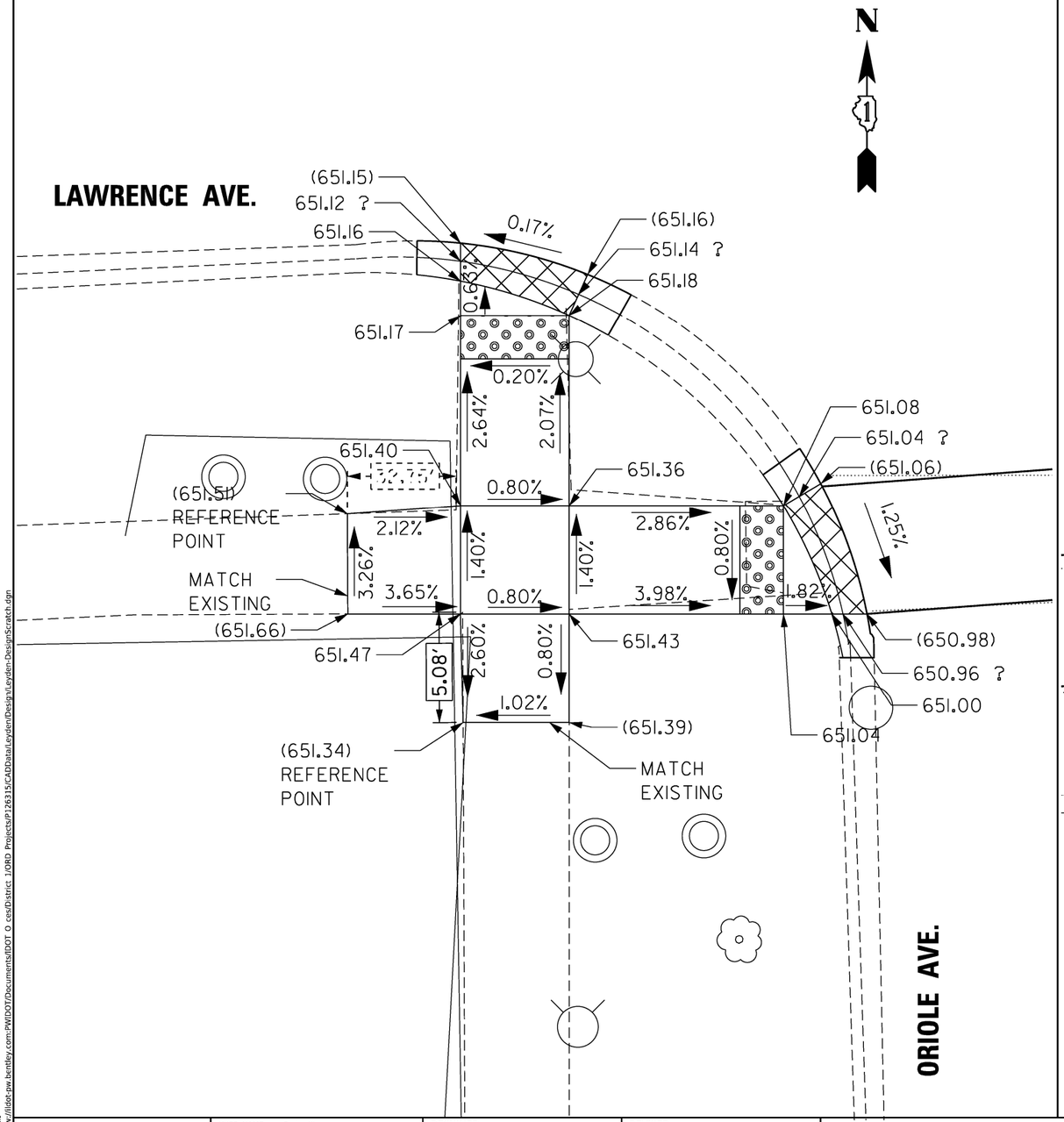

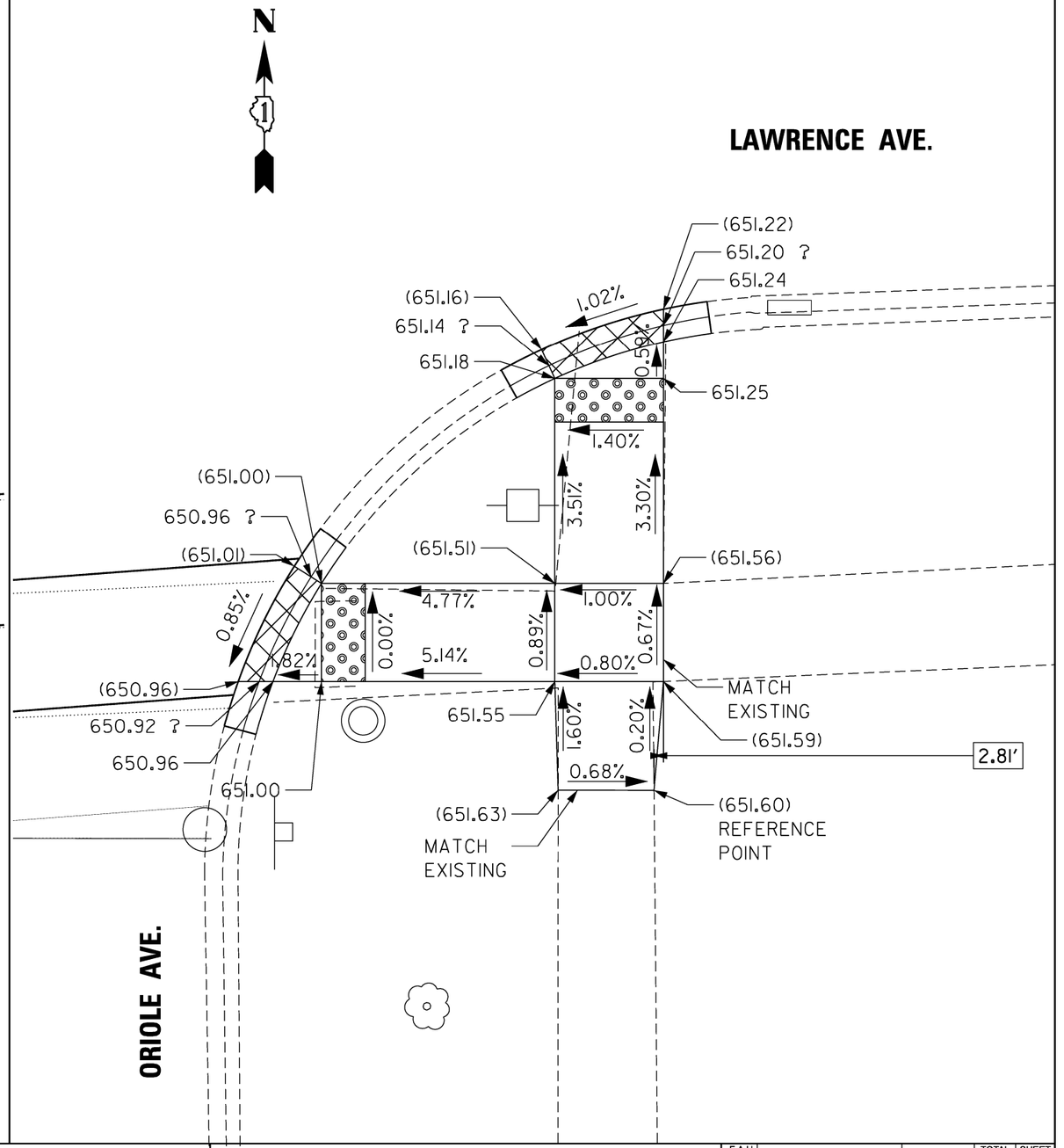

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USER NAME = Phillip.Steed	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

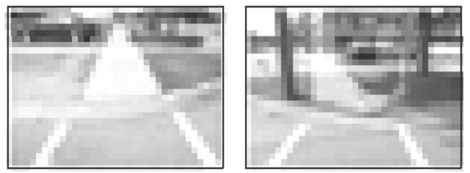
ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	16
		CONTRACT NO.: 62P93		
	ILLINOIS FED. AID PROJECT			



NORTHWEST CORNER



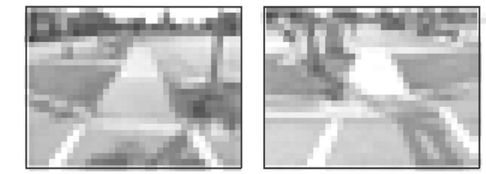
SOUTHWEST CORNER



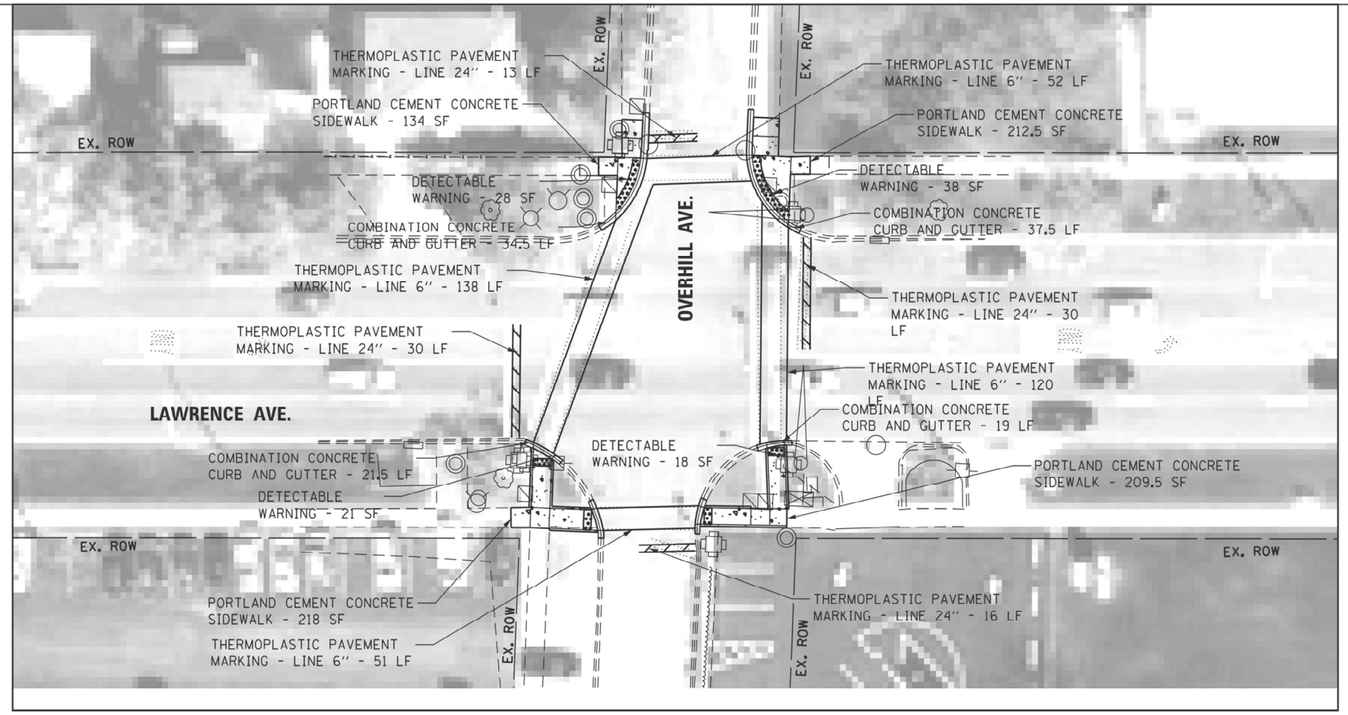
EXISTING



NORTHEAST CORNER



SOUTHEAST CORNER



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK, (SPECIAL)
- ADA COMPLIANT GRATE
- UTILITY STRUCTURE TO BE ADJUSTED
- UTILITY STRUCTURE TO BE RELOCATED
- COMBINATION CONRETE CURB AND GUTTER
- EXISTING R.O.W. LINE
- SINGLE POST SIGN
- ABOVE GROUND SPLICE BOX
- CONTROLLER BOX
- FIRE HYDRANT
- GUY POLE
- HANDHOLE
- LIGHT STANDARD
- MANHOLE
- POWER LINE
- TELEPHONE
- TRAFFIC SIGNAL
- VEGETATION OUTLINE
- SINGLE TREE OR BUSH

N

0 20 40 60

SCALE IN FEET

NOTE:
PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.

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		DRAWN -	REVISED -
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	PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

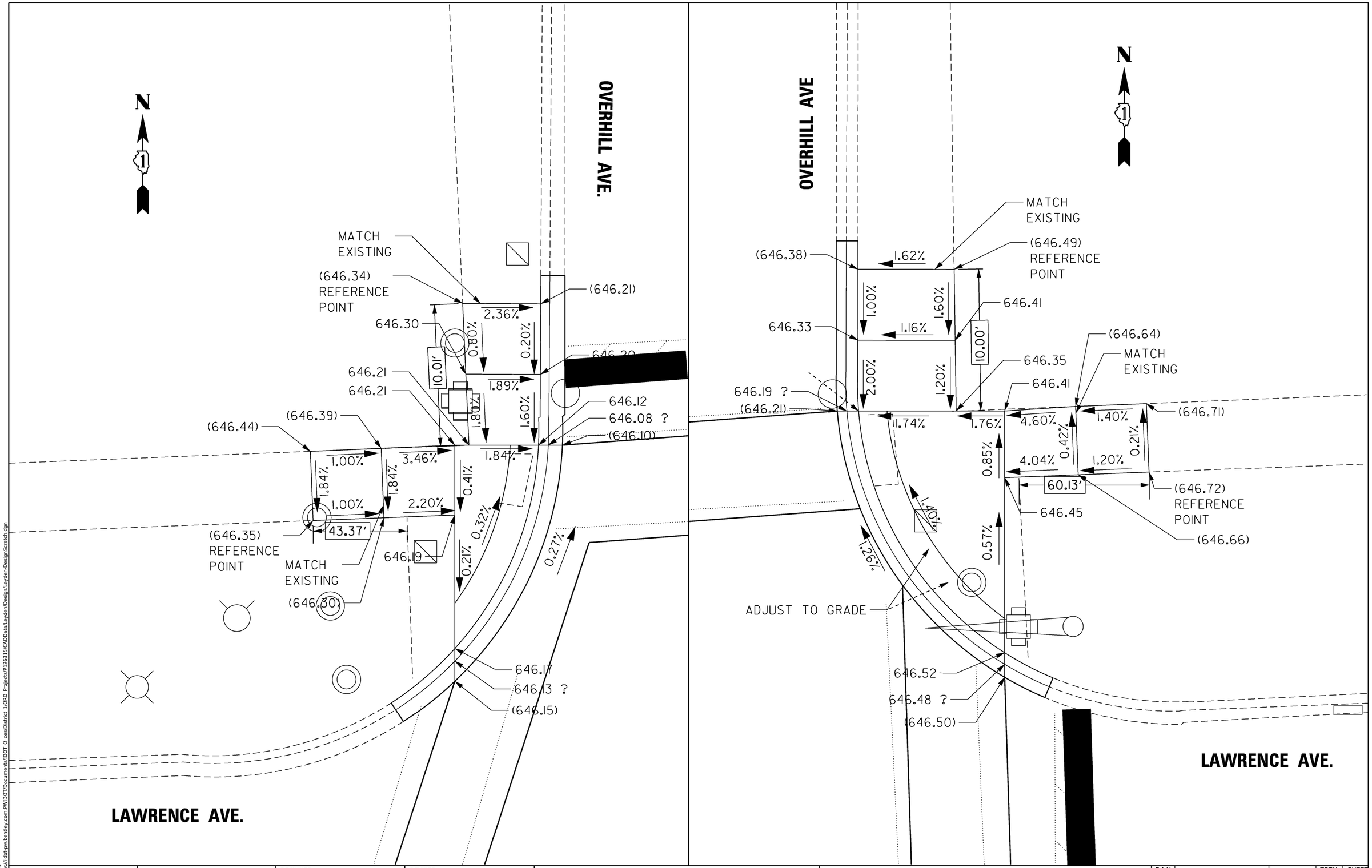
ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	17

CONTRACT NO.: 62P93

ILLINOIS FED. AID PROJECT



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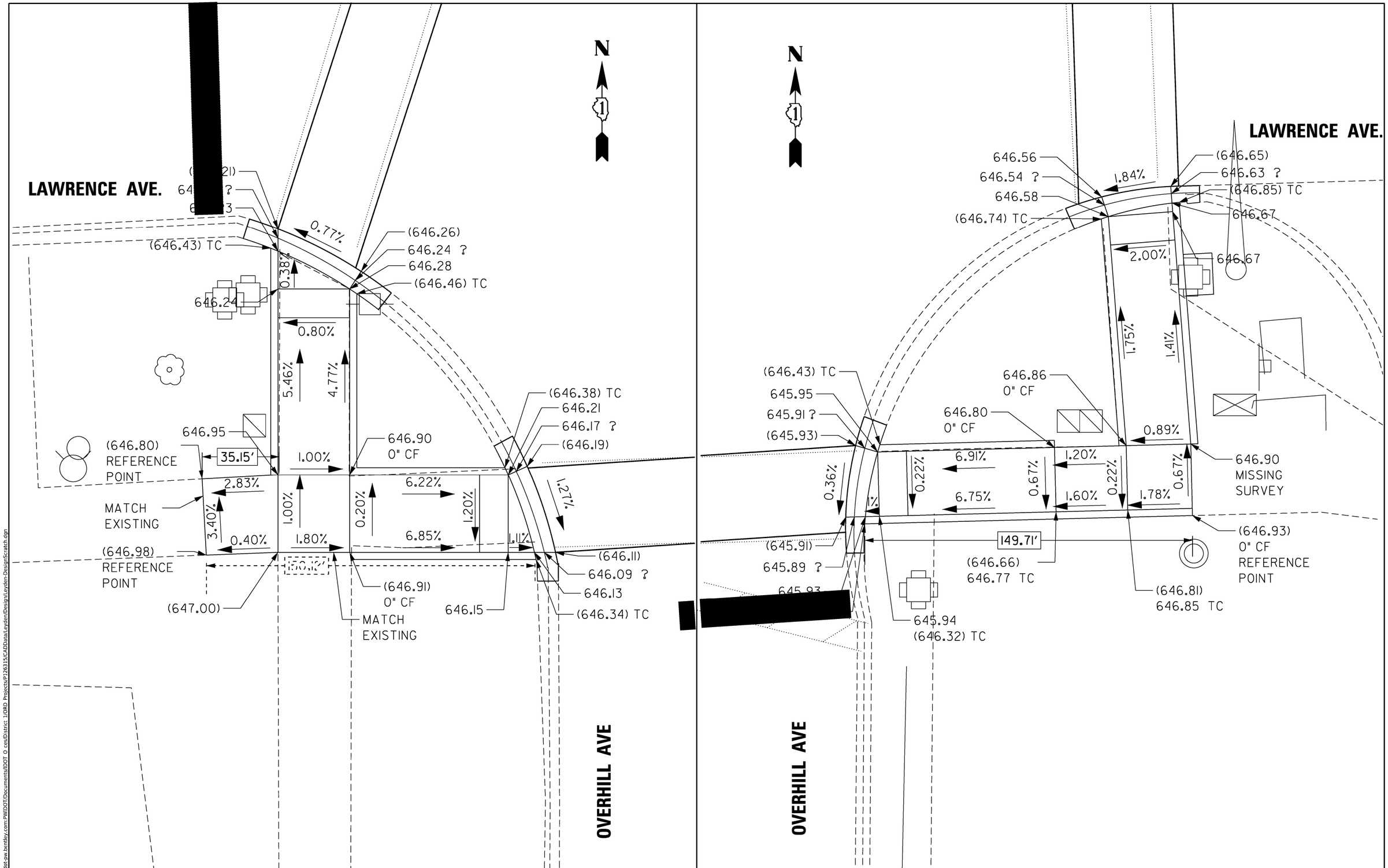
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	18
		CONTRACT NO.: 62P93		
	ILLINOIS	FED. AID PROJECT		



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	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 3/30/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

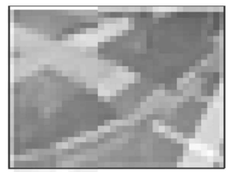
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	19

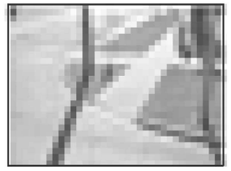
CONTRACT NO.: 62P93

ILLINOIS | FED. AID PROJECT



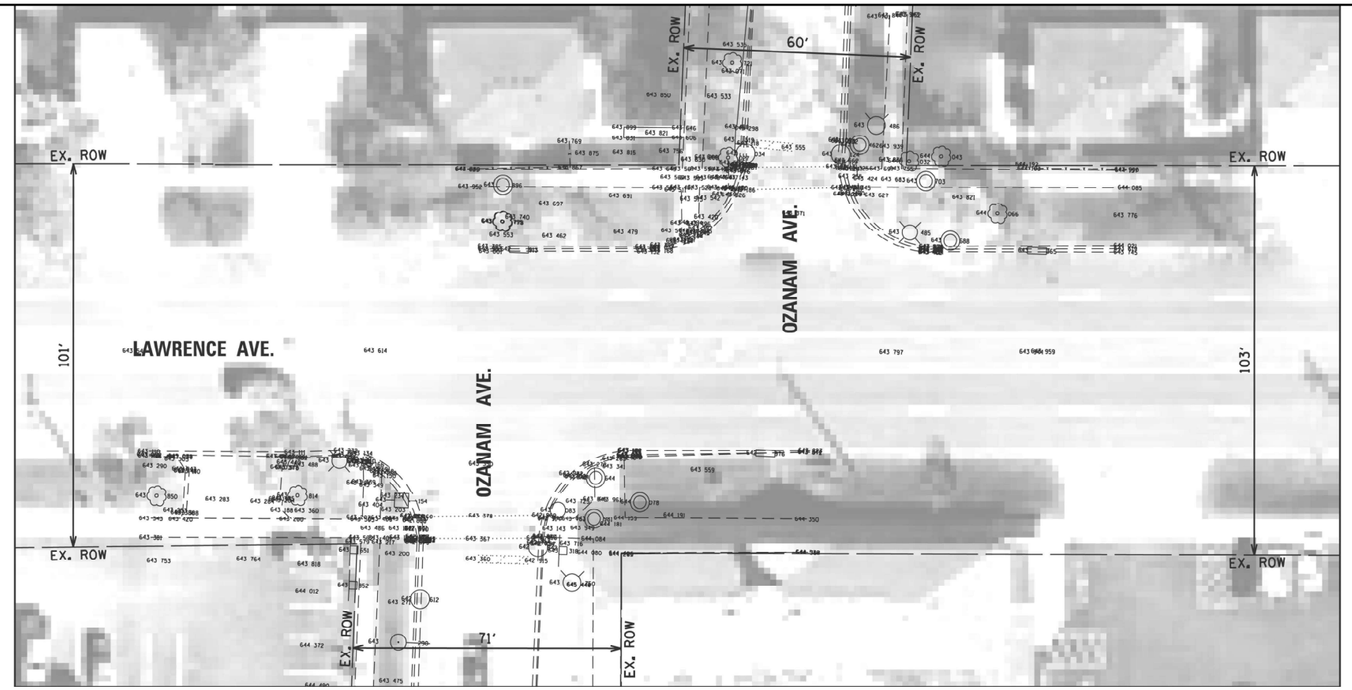
NORTHWEST CORNER





SOUTHWEST CORNER

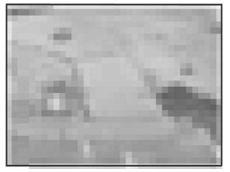


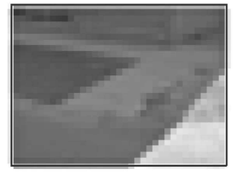


EXISTING

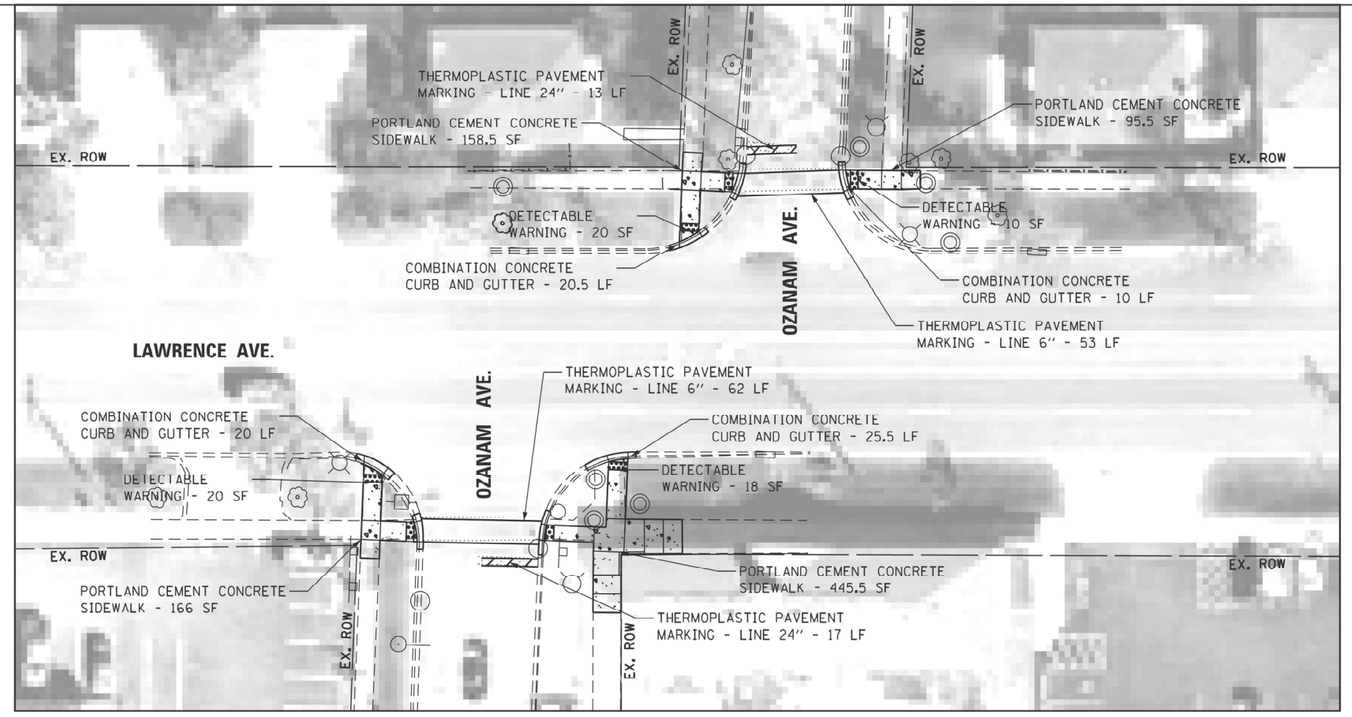


NORTHEAST CORNER





SOUTHEAST CORNER



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK, (SPECIAL)
- ADA COMPLIANT GRATE
- UTILITY STRUCTURE TO BE ADJUSTED
- UTILITY STRUCTURE TO BE RELOCATED
- COMBINATION CONRETE CURB AND GUTTER
- EXISTING R.O.W. LINE
- SINGLE POST SIGN
- ABOVE GROUND SPLICE BOX
- CONTROLLER BOX
- FIRE HYDRANT
- GUY POLE
- HANDHOLE
- LIGHT STANDARD
- MANHOLE
- POWER LINE
- TELEPHONE
- TRAFFIC SIGNAL
- VEGETATION OUTLINE
- SINGLE TREE OR BUSH

N

0 20 40 60

SCALE IN FEET

NOTE:
PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.

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	PLOT SCALE = #SCALE#	CHECKED -	REVISED -
	PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	20
		CONTRACT NO.: 62P93		
		ILLINOIS FED. AID PROJECT		

N

OZANAM AVE.

(643.58)

MATCH EXISTING

(643.60) REFERENCE POINT

(643.57)

MATCH EXISTING

643.19

643.17

643.13 ?

(643.15)

643.50

0.38%

0.20%

2.00%

1.54%

3.73%

(643.65)

1.40%

1.33%

1.63%

1.80%

1.40%

0.20%

0.51%

(643.57) REFERENCE POINT

1.80%

1.00%

2.77%

643.43

(643.18)

643.16 ?

643.20

(643.48)

2.50%

1.94%

0.20%

643.21

0.34%

643.22

643.18 ?

(643.20)

643.20

0.15%

643.16 ?

(643.19)

LAWRENCE AVE.

N

LAWRENCE AVE.

642.88

642.84 ?

(642.86)

643.42

(643.50)

6.07%

MATCH EXISTING

0.18%

1.20%

1.20%

0.20%

1.60%

6.85%

(643.56)

1.80%

0.40%

643.18

642.85

642.82 ?

642.87

642.86

3.00%

(643.65) REFERENCE POINT

(643.50) MATCH EXISTING

OZANAM AVE.

MODEL: Default
FILE NAME: pw://dot-pw.bentley.com:PWIDOT/Documents/IDOT Offices/District 1/GIS Projects/P126315/CADData/Leyden/DesignLeyden-DesignScratch.dgn

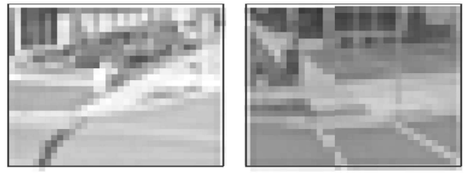
USER NAME = Phillip.Steed	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

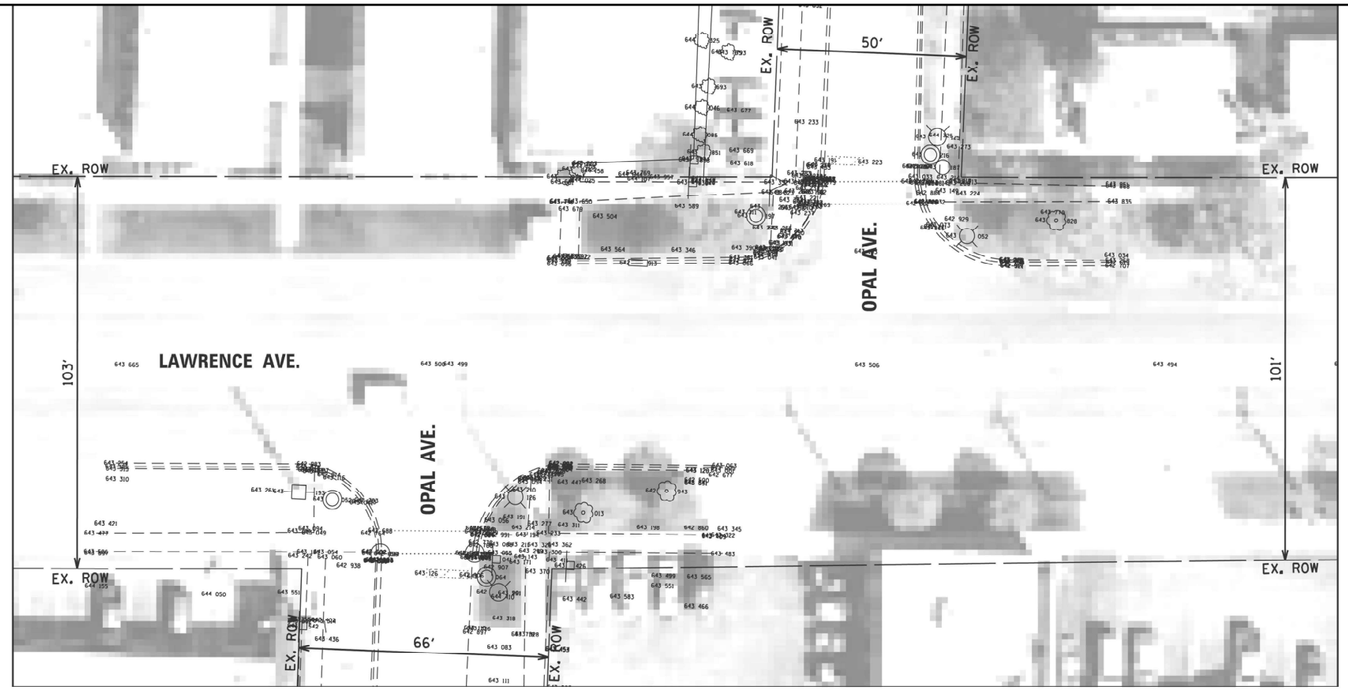
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	21
		CONTRACT NO.: 62P93		
		ILLINOIS	FED. AID PROJECT	



NORTHWEST CORNER



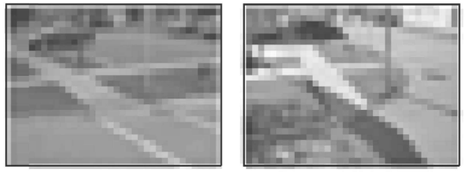
SOUTHWEST CORNER



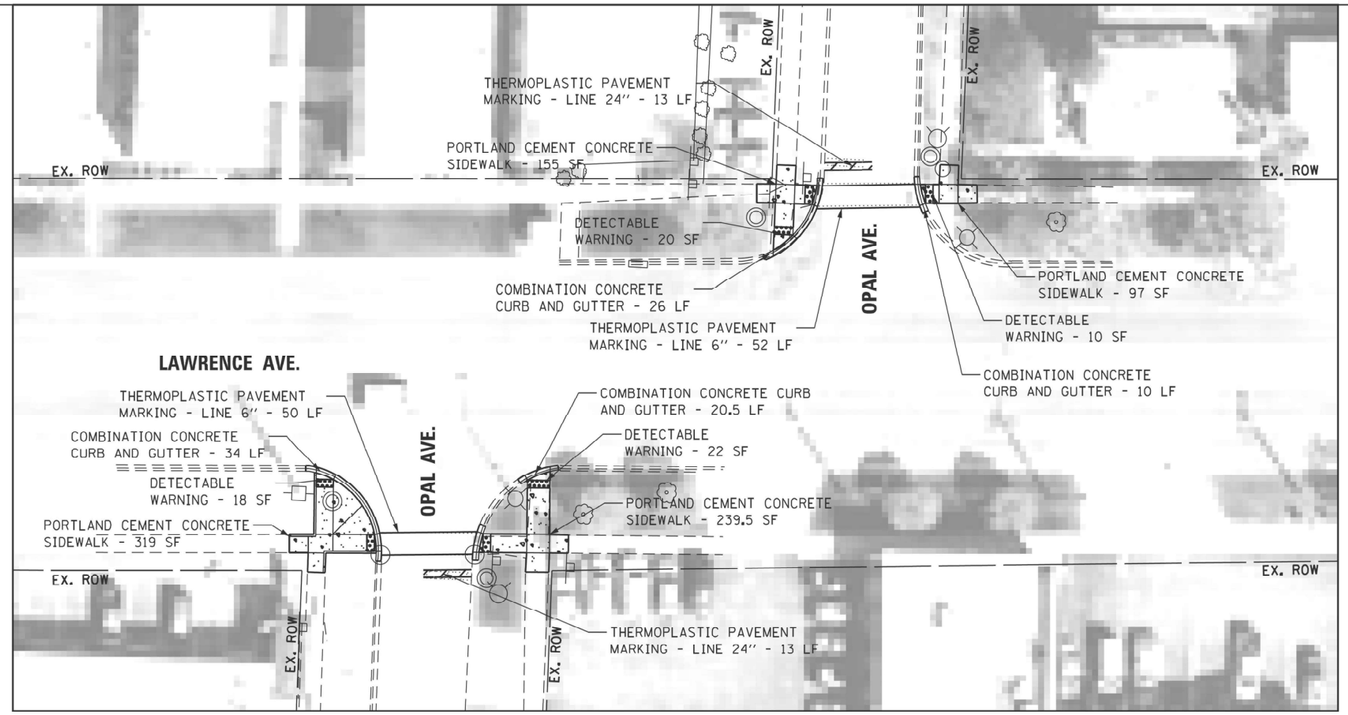
EXISTING



NORTHEAST CORNER



SOUTHEAST CORNER



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK, (SPECIAL)
- ADA COMPLIANT GRATE
- UTILITY STRUCTURE TO BE ADJUSTED
- UTILITY STRUCTURE TO BE RELOCATED
- COMBINATION CONRETE CURB AND GUTTER
- EXISTING R.O.W. LINE
- SINGLE POST SIGN
- ABOVE GROUND SPLICE BOX
- CONTROLLER BOX
- FIRE HYDRANT
- GUY POLE
- HANDHOLE
- LIGHT STANDARD
- MANHOLE
- POWER LINE
- TELEPHONE
- TRAFFIC SIGNAL
- VEGETATION OUTLINE
- SINGLE TREE OR BUSH

N

0 20 40 60

SCALE IN FEET

NOTE:
PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.

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	PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

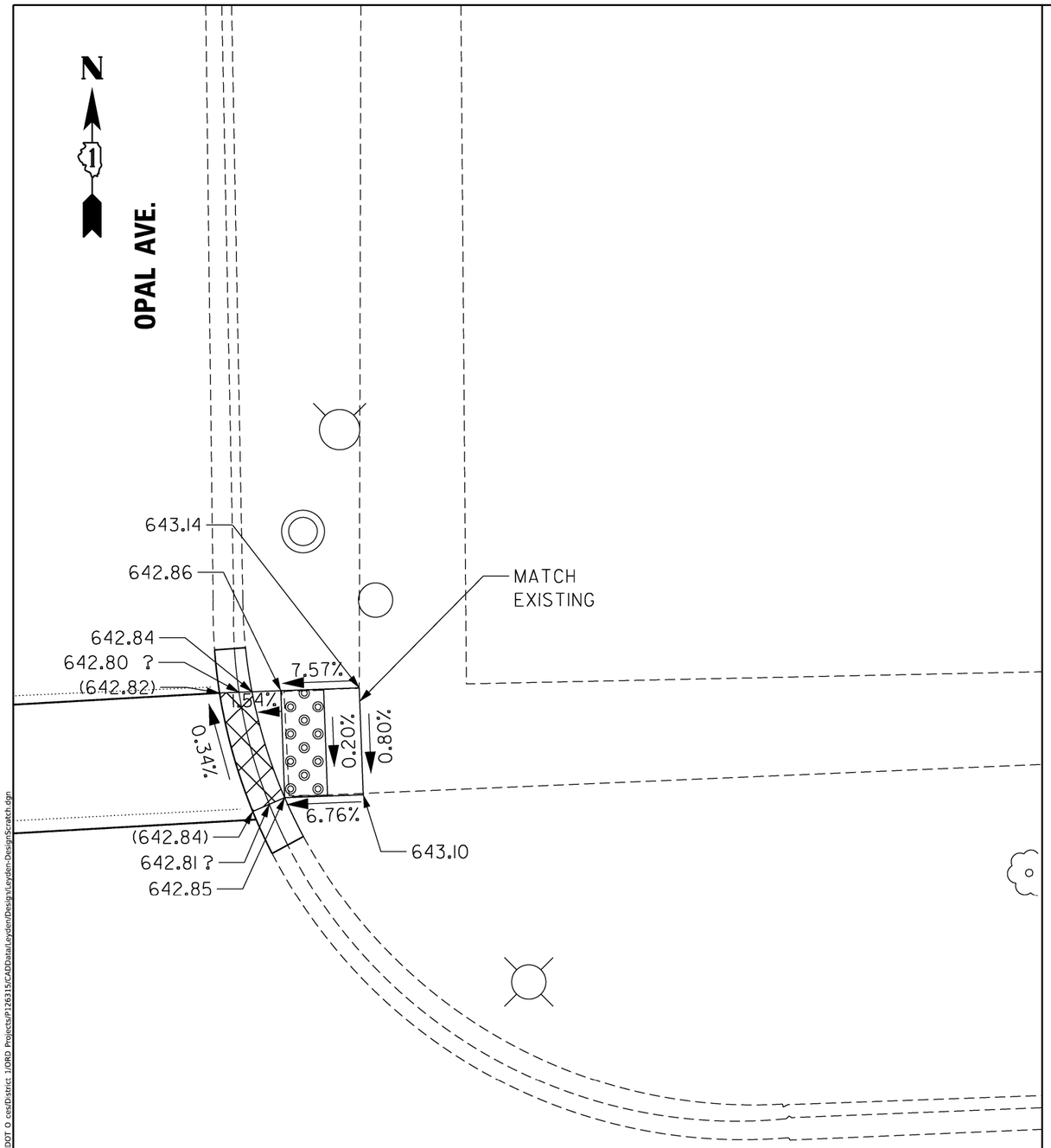
ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	22

CONTRACT NO.: 62P93

ILLINOIS | FED. AID PROJECT



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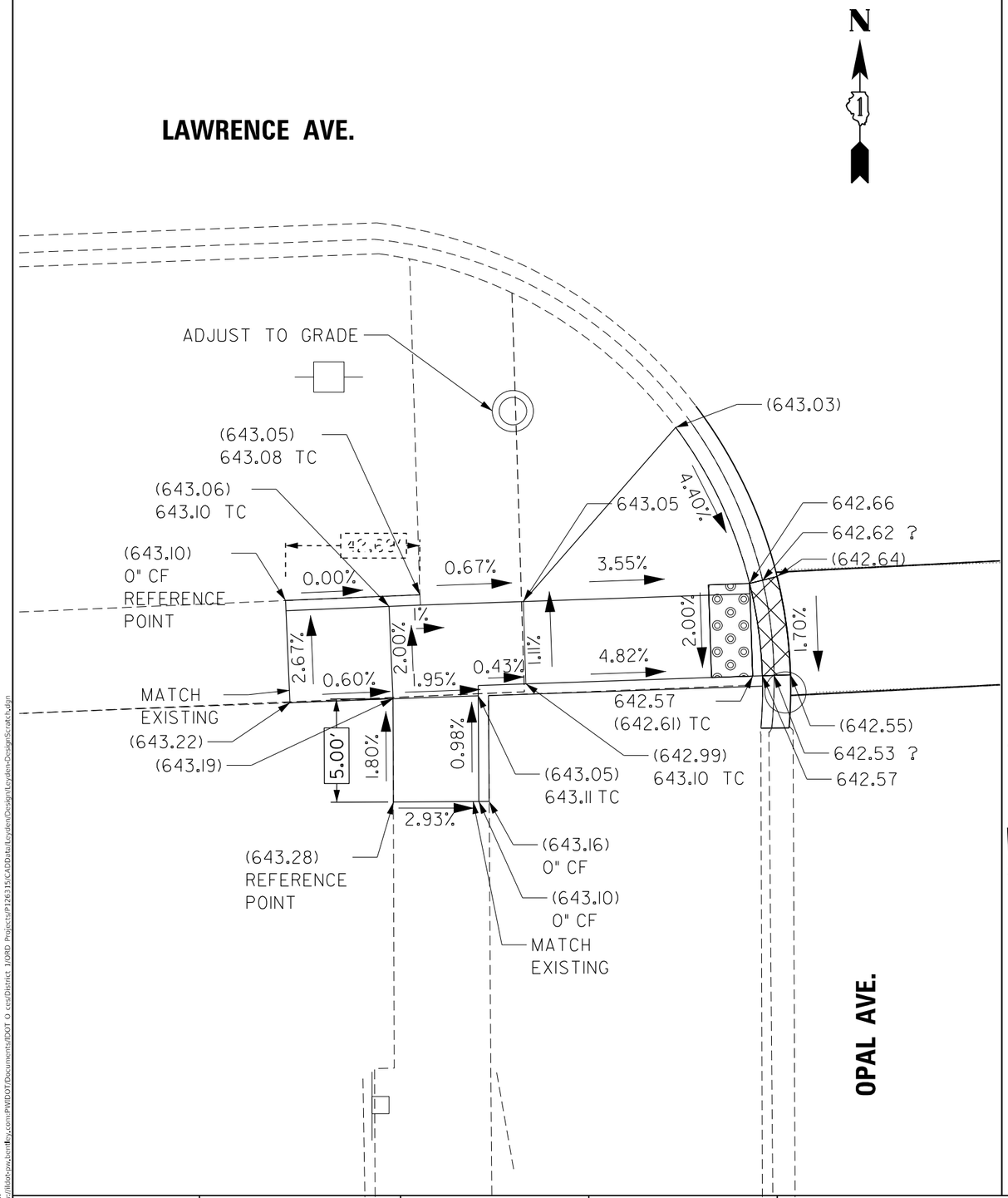
USER NAME = Phillip.Steed	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 3/30/2025	DATE -	REVISED -

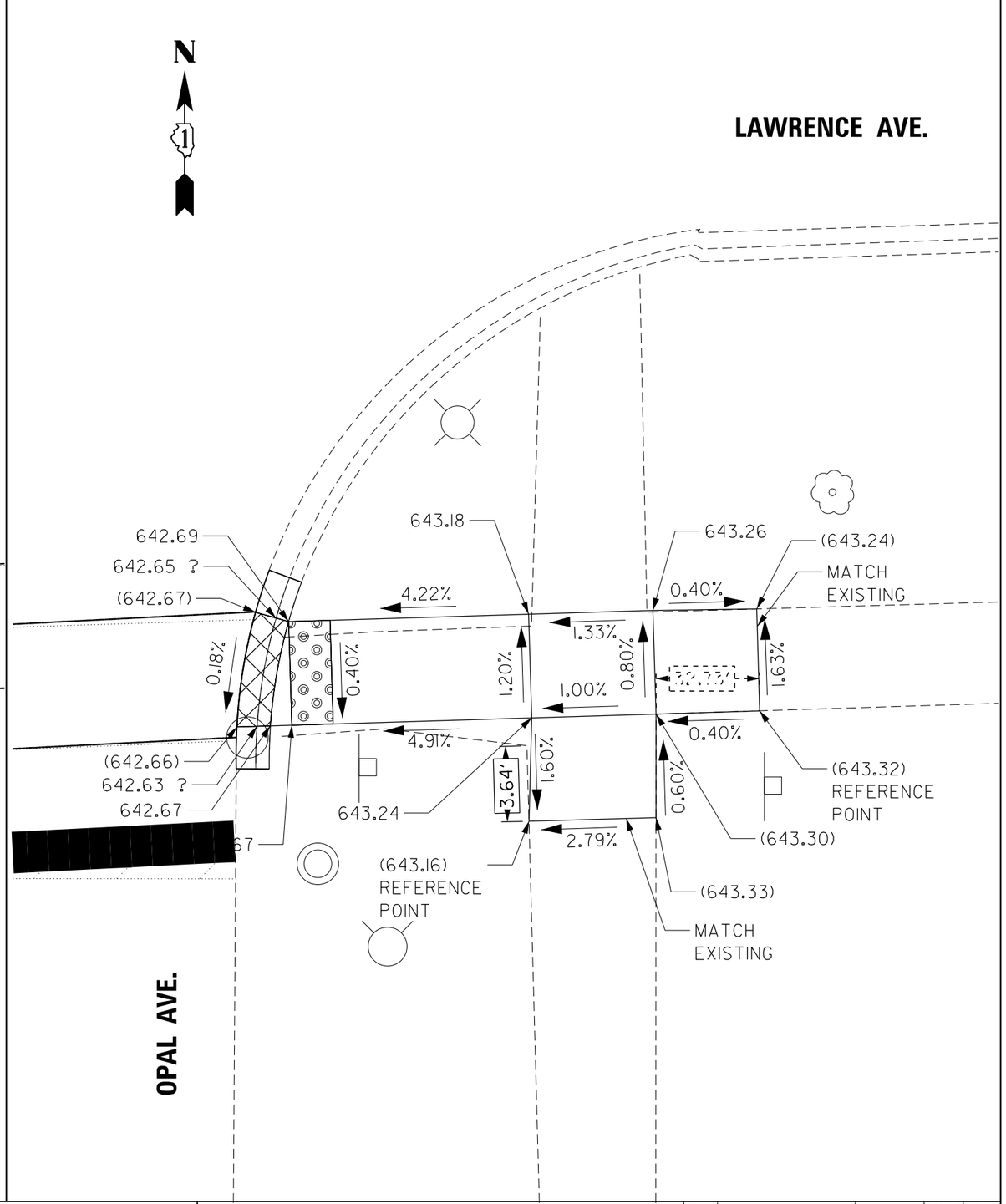
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	23
		CONTRACT NO.: 62P93		
		ILLINOIS FED. AID PROJECT		





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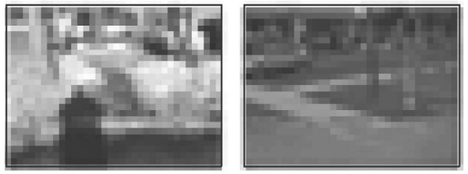
PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

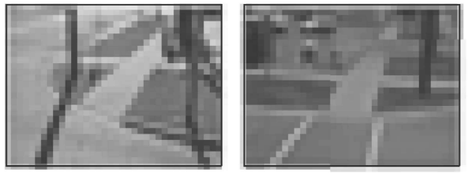
ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	24
		CONTRACT NO.: 62P93		
	ILLINOIS	FED. AID PROJECT		



NORTHWEST CORNER



SOUTHWEST CORNER



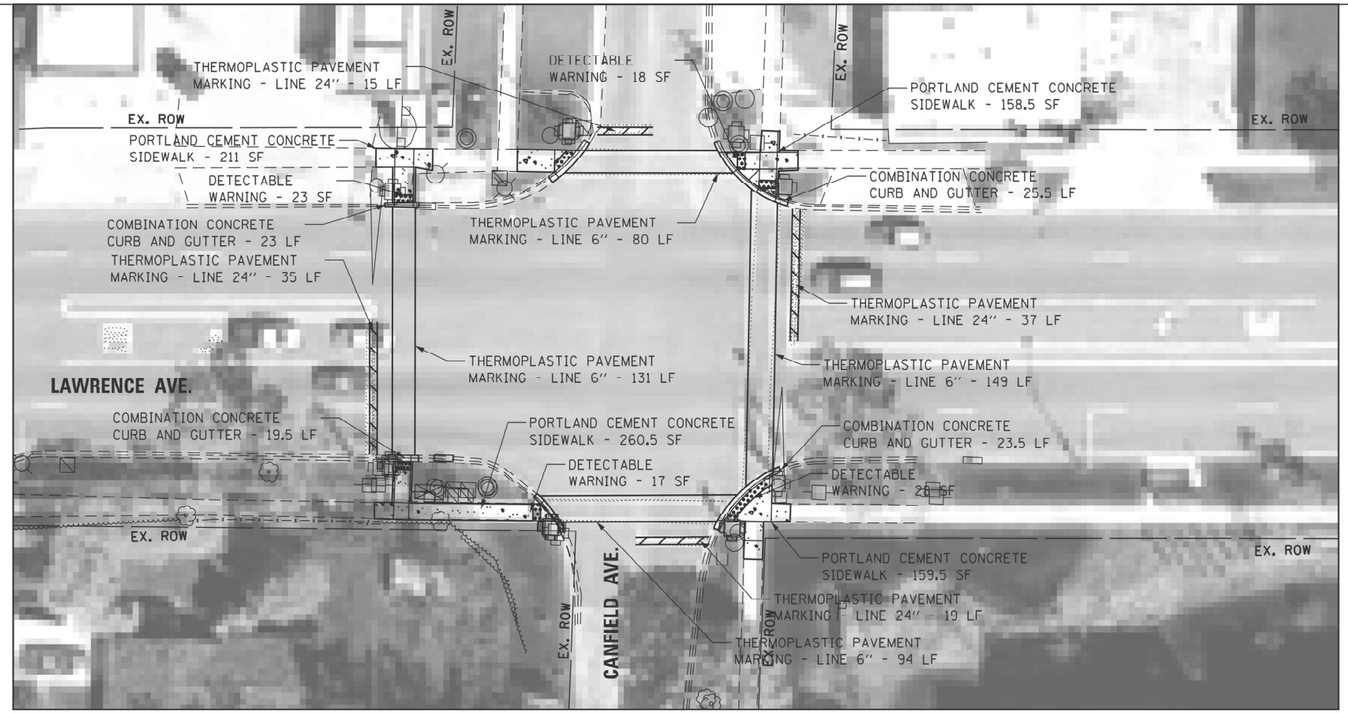
EXISTING



NORTHEAST CORNER



SOUTHEAST CORNER



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK, (SPECIAL)
- ADA COMPLIANT GRATE
- UTILITY STRUCTURE TO BE ADJUSTED
- UTILITY STRUCTURE TO BE RELOCATED
- COMBINATION CONRETE CURB AND GUTTER
- EXISTING R.O.W. LINE
- SINGLE POST SIGN
- ABOVE GROUND SPLICE BOX
- CONTROLLER BOX
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- HANDHOLE
- LIGHT STANDARD
- MANHOLE
- POWER LINE
- TELEPHONE
- TRAFFIC SIGNAL
- VEGETATION OUTLINE
- SINGLE TREE OR BUSH

N

0 20 40 60

SCALE IN FEET

NOTE:
PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

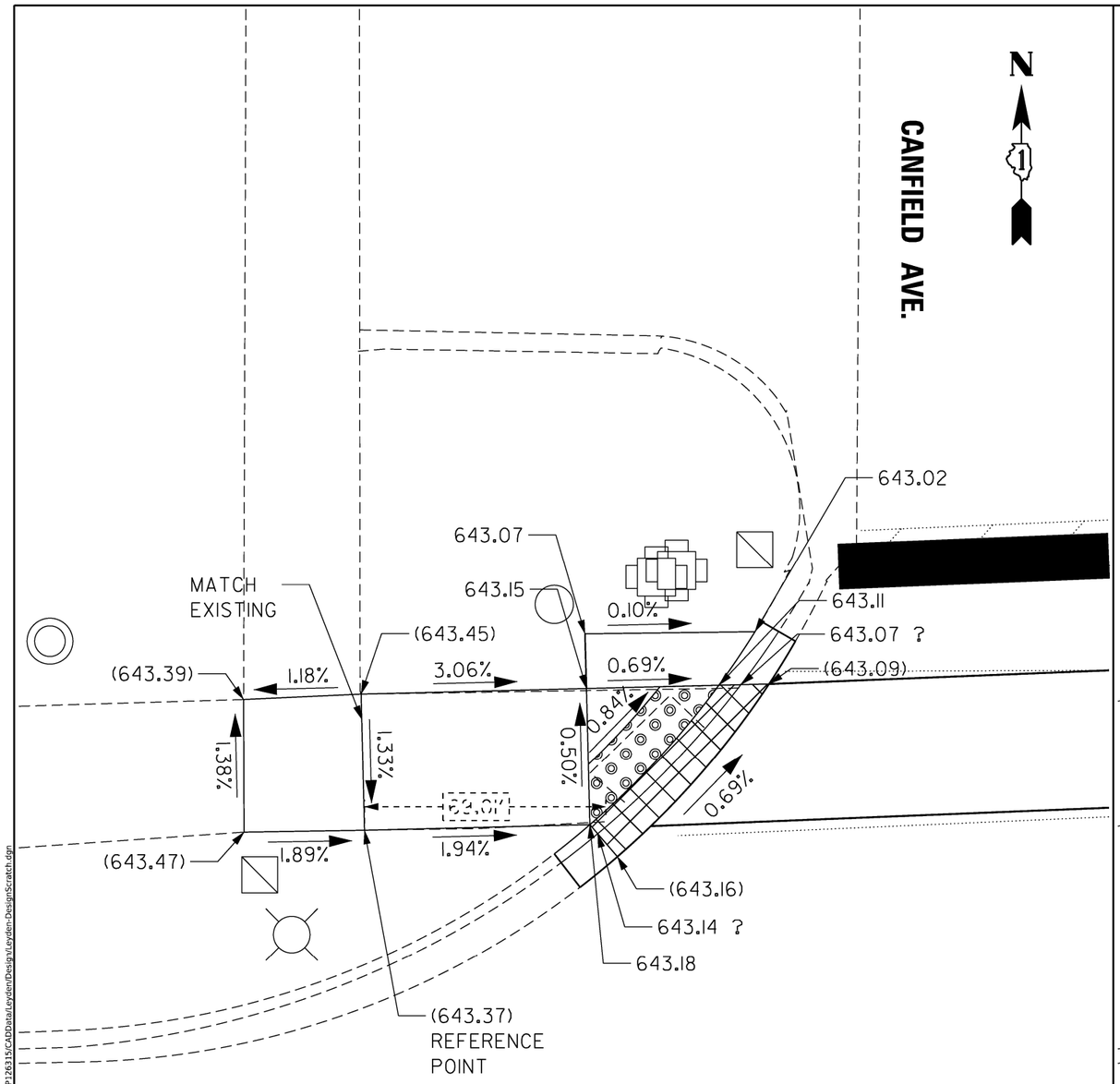
ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

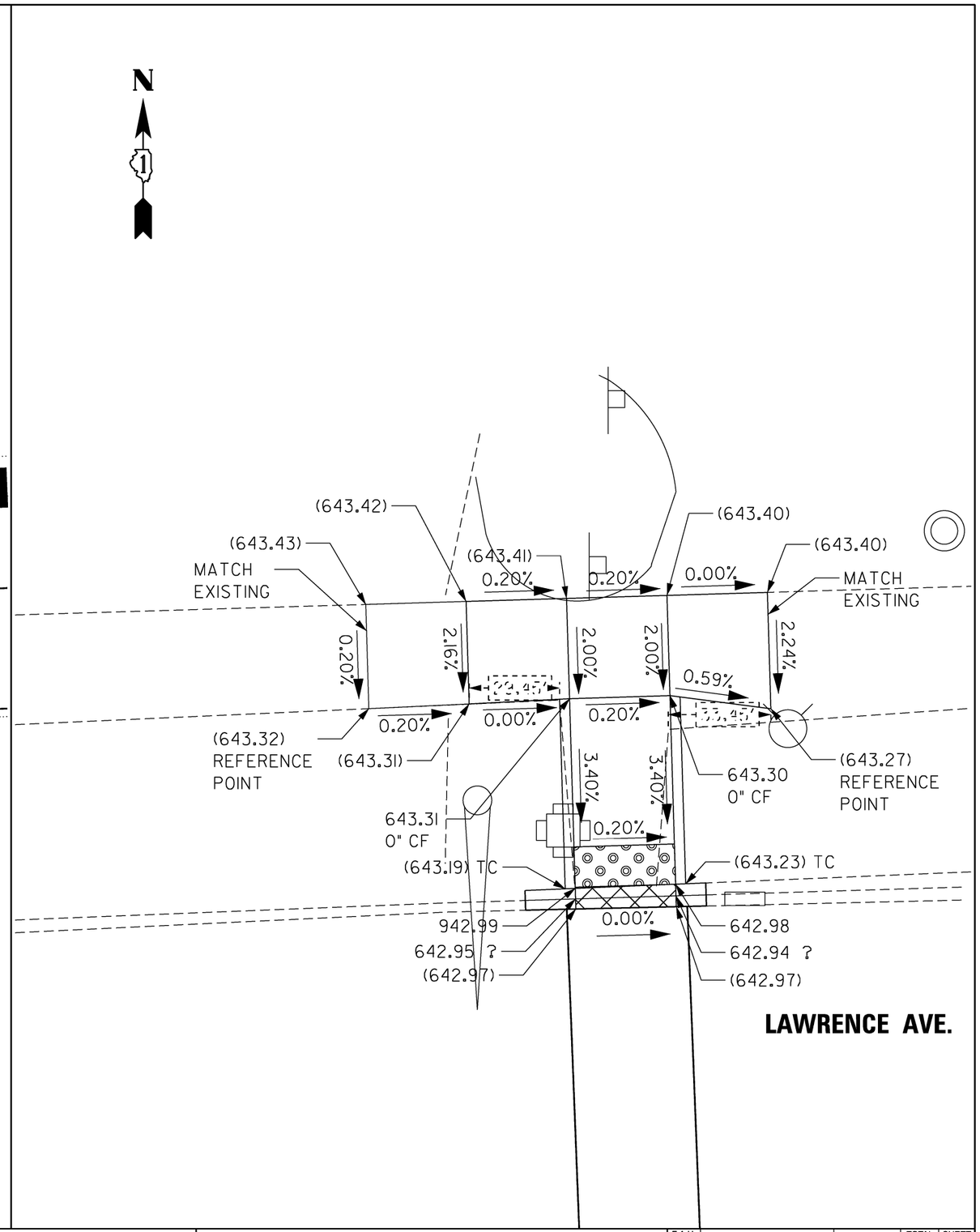
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	25

CONTRACT NO.: 62P93

ILLINOIS FED. AID PROJECT





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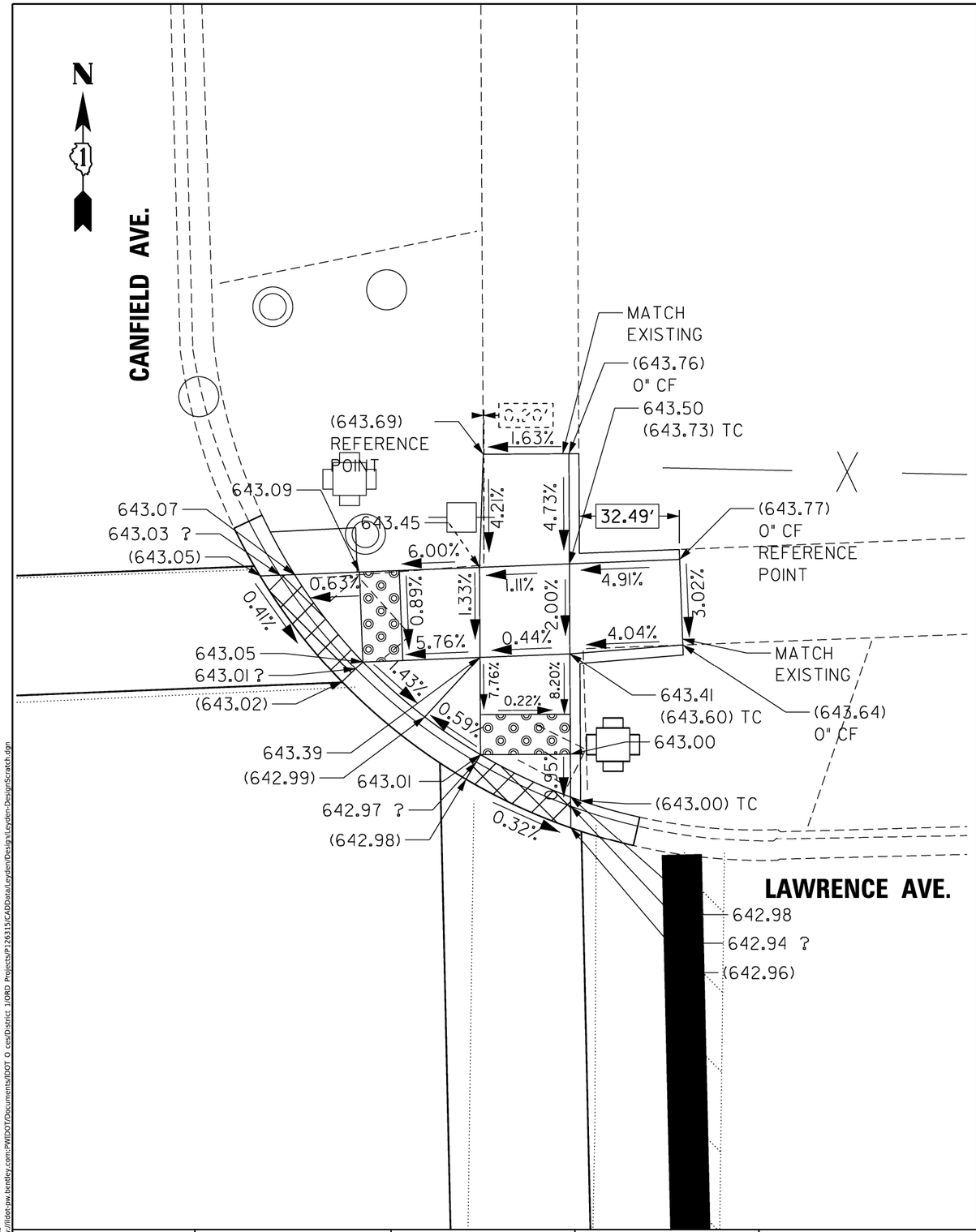
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 3/30/2025	DATE -	REVISED -	

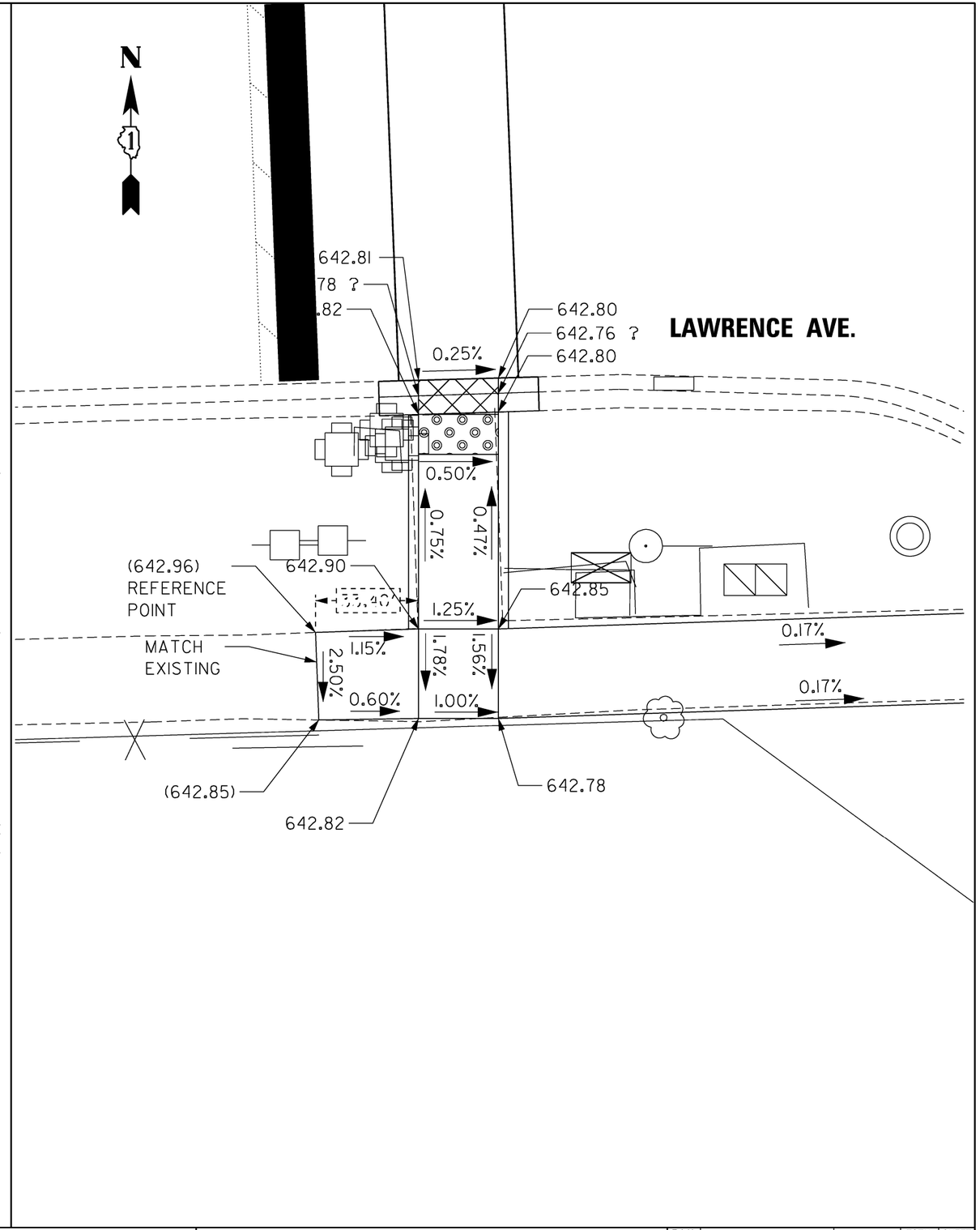
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	26
		CONTRACT NO.: 62P93		
	ILLINOIS	FED. AID PROJECT		





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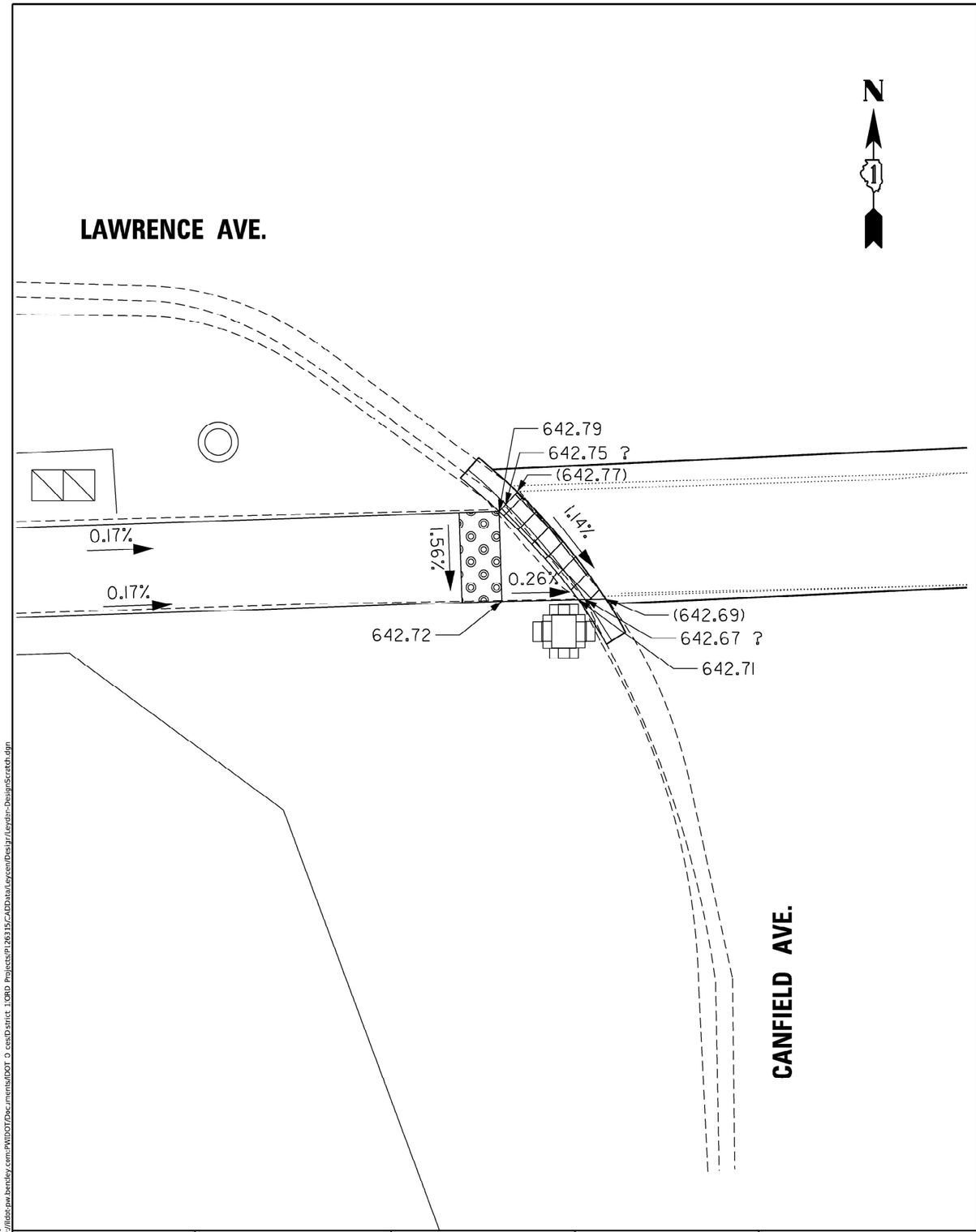
USER NAME = Phillip.Steed	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 3/30/2025	DATE -	REVISED -	

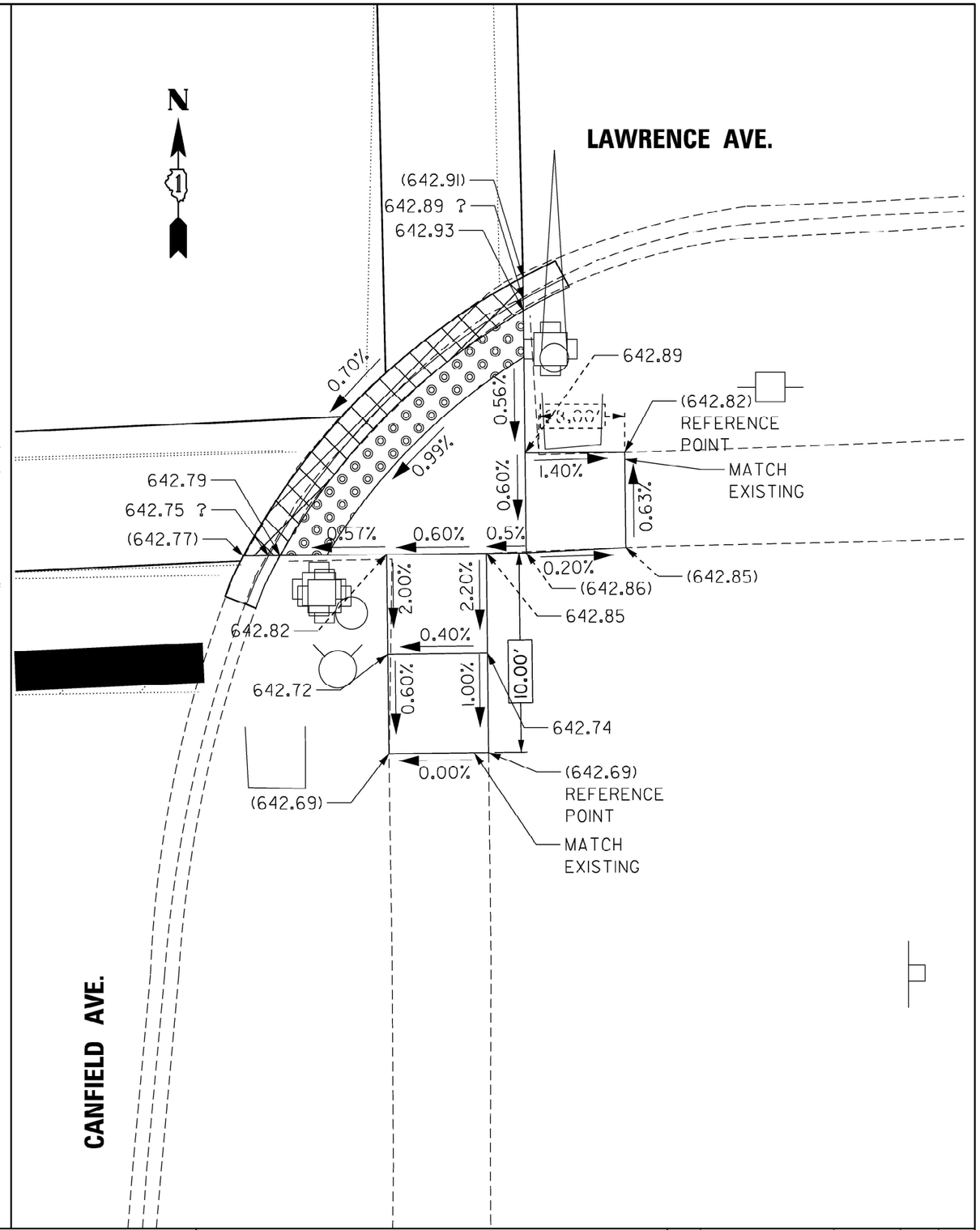
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	27
		CONTRACT NO.: 62P93		
	ILLINOIS FED. AID PROJECT			





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	DRAWN -	REVISED -
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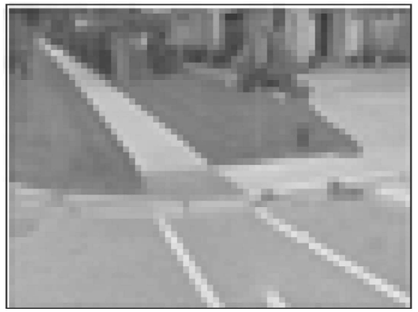
PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	28
		CONTRACT NO.: 62P93		
	ILLINOIS FED. AID PROJECT			



NORTHWEST CORNER



SOUTHWEST CORNER



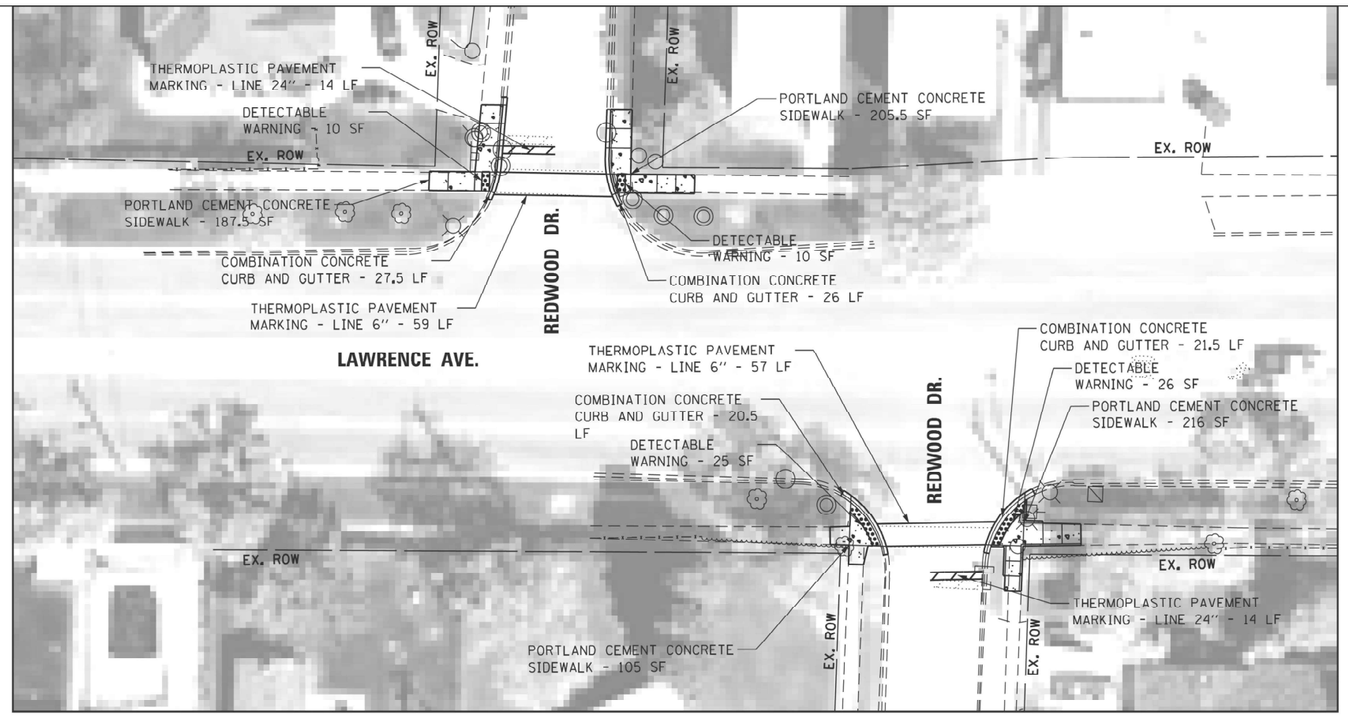
EXISTING



NORTHEAST CORNER



SOUTHEAST CORNER



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK, (SPECIAL)
- ADA COMPLIANT GRATE
- UTILITY STRUCTURE TO BE ADJUSTED
- UTILITY STRUCTURE TO BE RELOCATED
- COMBINATION CONRETE CURB AND GUTTER
- EXISTING R.O.W. LINE
- SINGLE POST SIGN
- ABOVE GROUND SPLICE BOX
- CONTROLLER BOX
- FIRE HYDRANT
- GUY POLE
- HANDHOLE
- LIGHT STANDARD
- MANHOLE
- POWER LINE
- TELEPHONE
- TRAFFIC SIGNAL
- VEGETATION OUTLINE
- SINGLE TREE OR BUSH

N

0 20 40 60

SCALE IN FEET

NOTE:
PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.

FILE NAME = pw://ildot-pw.bentley.com:PWIDOT/Documents/IDOT Offices/District 1/ORD Projects/P1263	USER NAME = Phillip.Steed	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = @SCALE@	CHECKED -	REVISED -
	PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

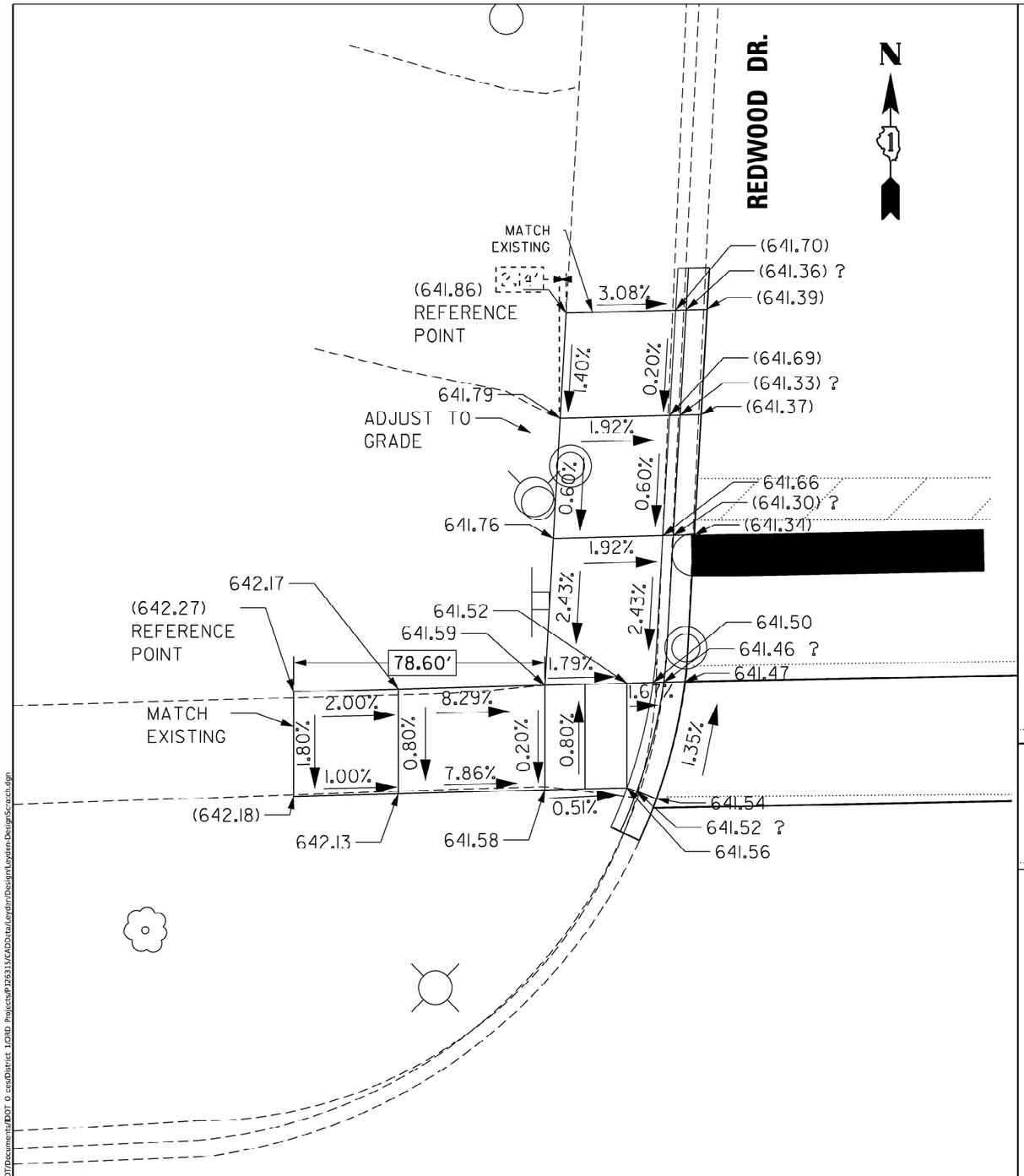
ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

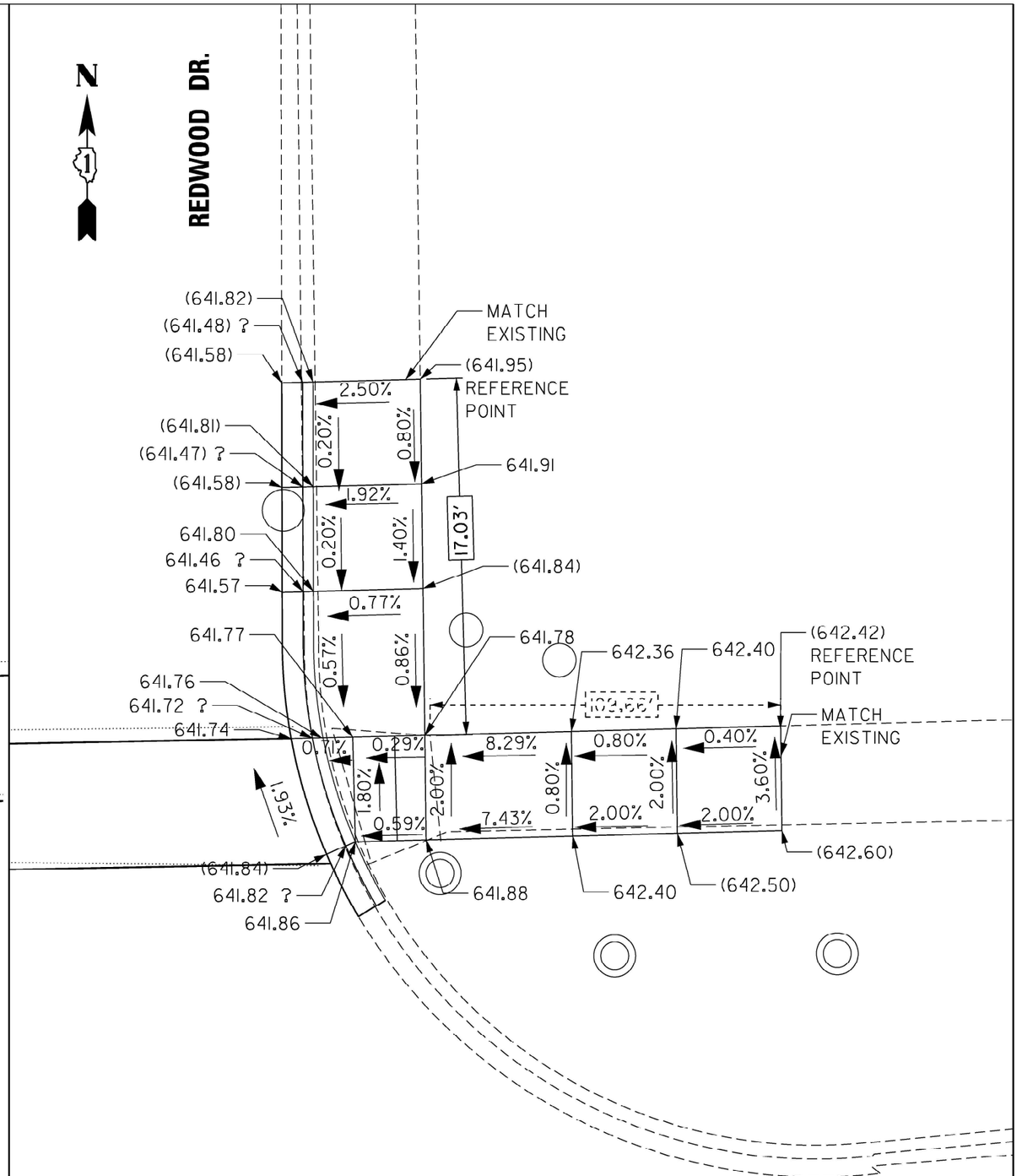
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	29

CONTRACT NO.: 62P93

ILLINOIS FED. AID PROJECT





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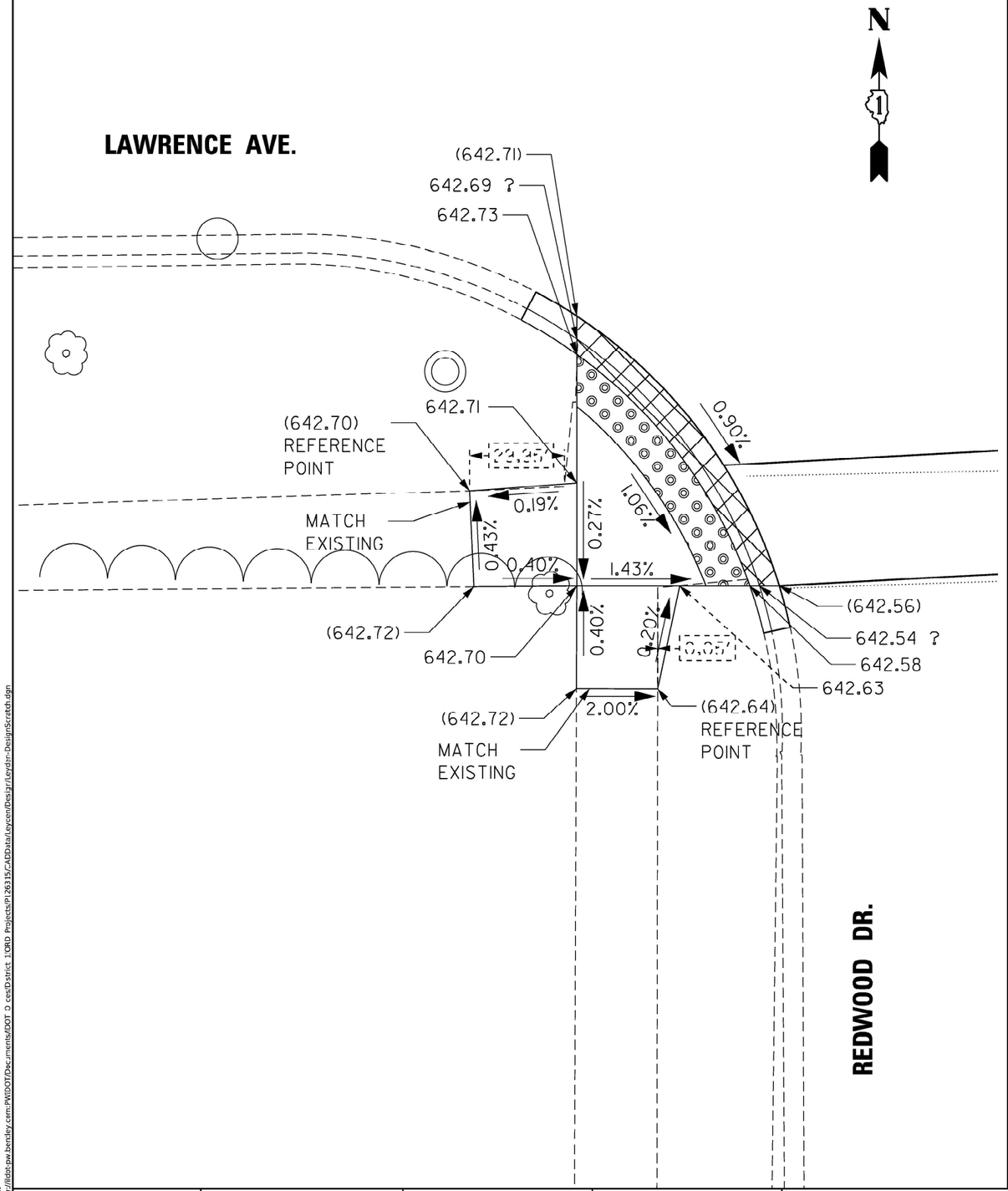
USER NAME = Phillip.Steed	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 3/30/2025	DATE -	REVISED -	

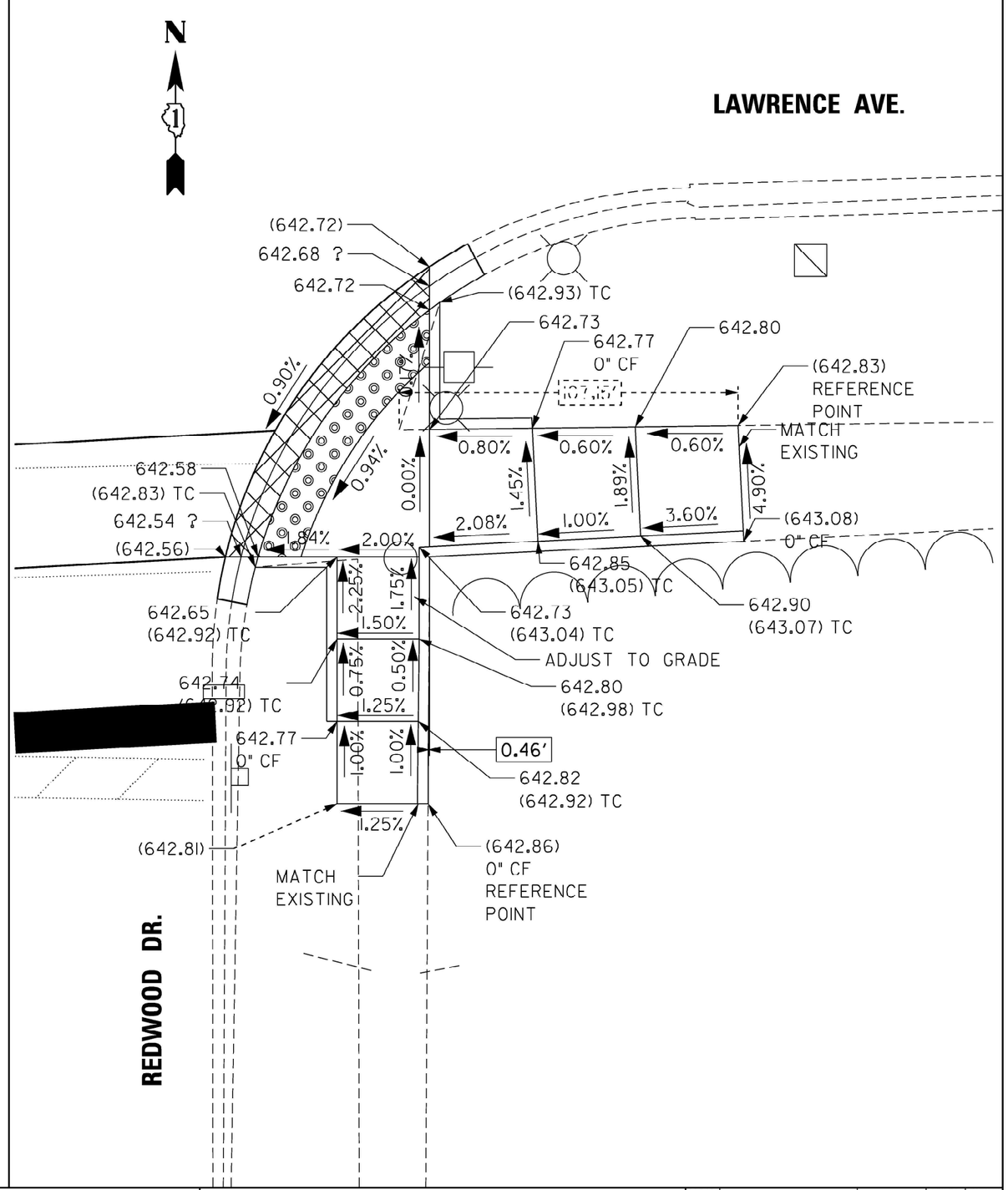
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	30
		CONTRACT NO.: 62P93		
	ILLINOIS FED. AID PROJECT			





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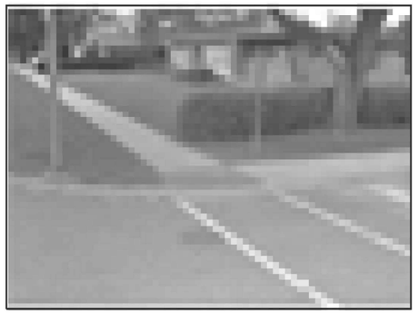
USER NAME = Phillip.Steed	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

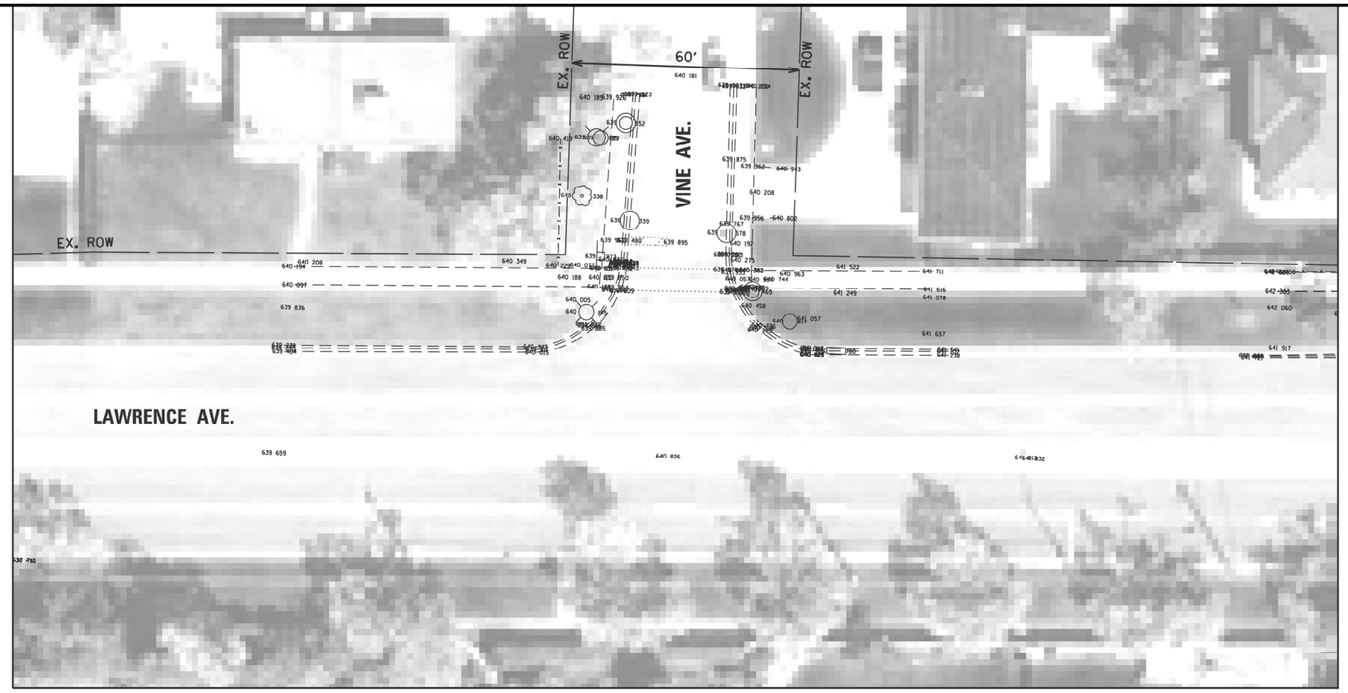
ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

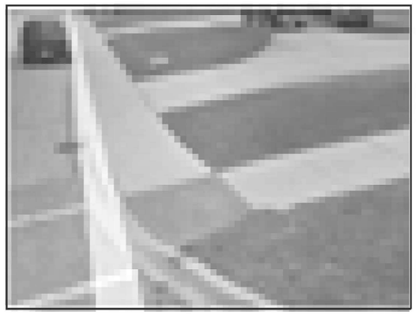
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	31
		CONTRACT NO.: 62P93		
	ILLINOIS	FED. AID PROJECT		



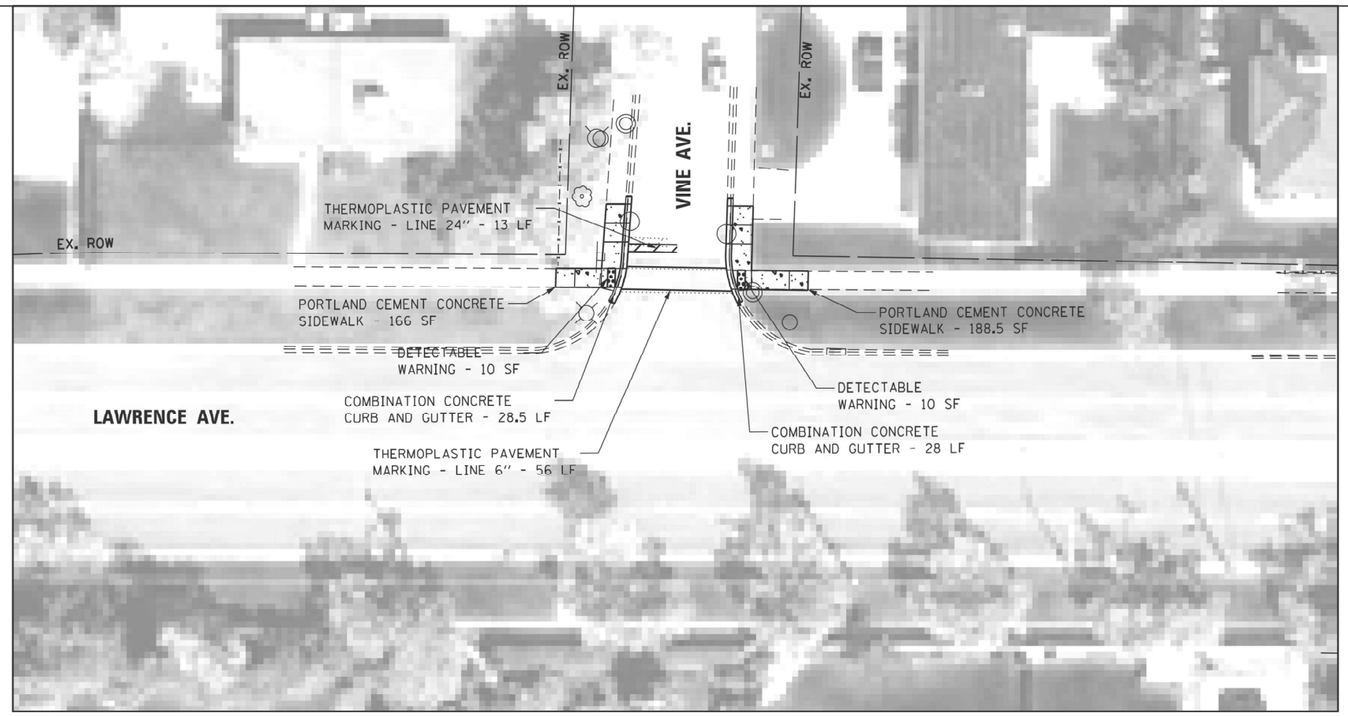
NORTHWEST CORNER





SOUTHWEST CORNER

EXISTING



LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK, (SPECIAL)
- ADA COMPLIANT GRATE
- UTILITY STRUCTURE TO BE ADJUSTED
- UTILITY STRUCTURE TO BE RELOCATED
- COMBINATION CONRETE CURB AND GUTTER
- EXISTING R.O.W. LINE
- SINGLE POST SIGN
- ABOVE GROUND SPLICE BOX
- CONTROLLER BOX
- FIRE HYDRANT
- GUY POLE
- HANDHOLE
- LIGHT STANDARD
- MANHOLE
- POWER LINE
- TELEPHONE
- TRAFFIC SIGNAL
- VEGETATION OUTLINE
- SINGLE TREE OR BUSH

N

0 20 40 60

SCALE IN FEET

NOTE:
PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.

PROPOSED

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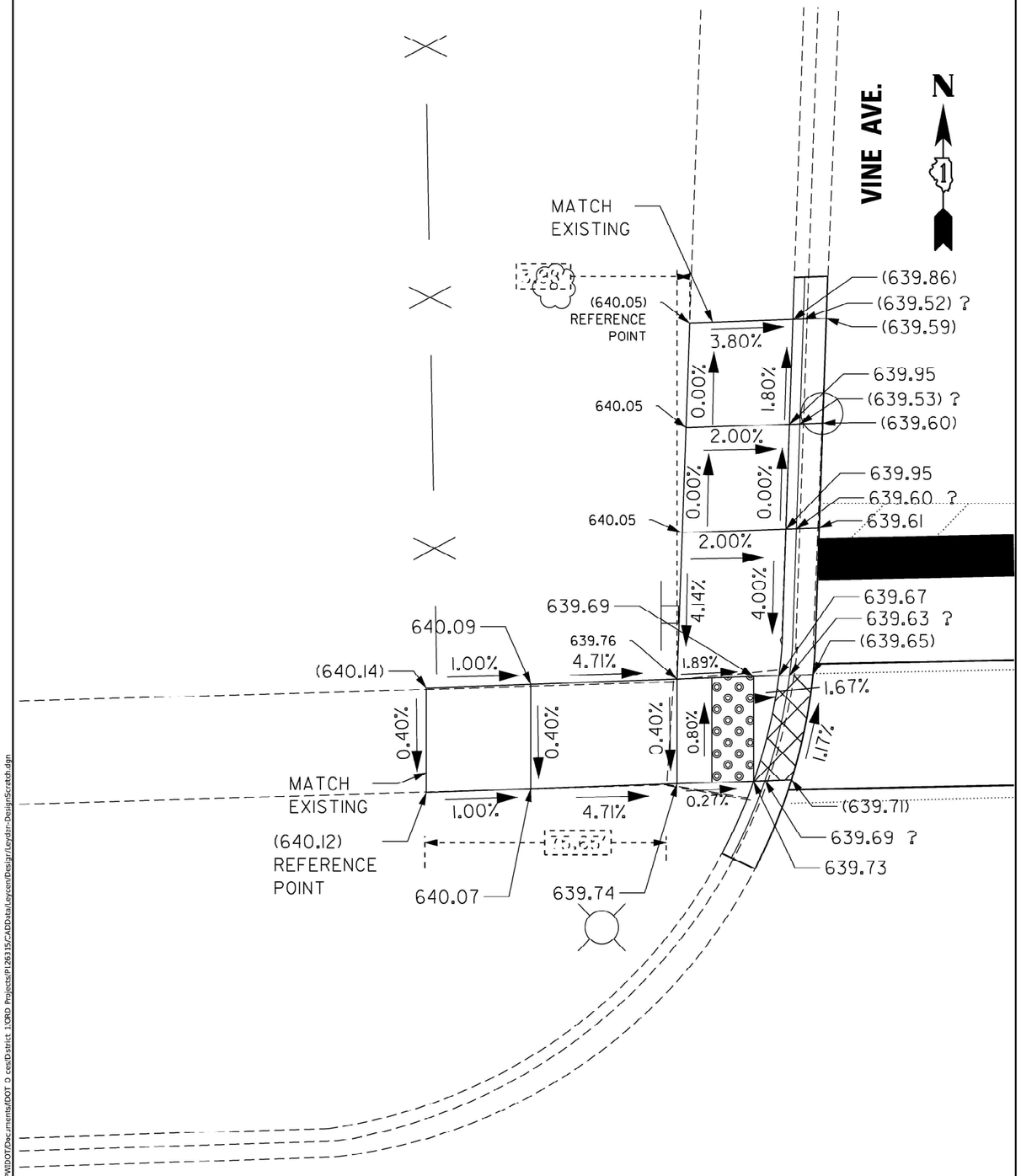
	PLOT DATE = 3/30/2025	DATE -	REVISED -

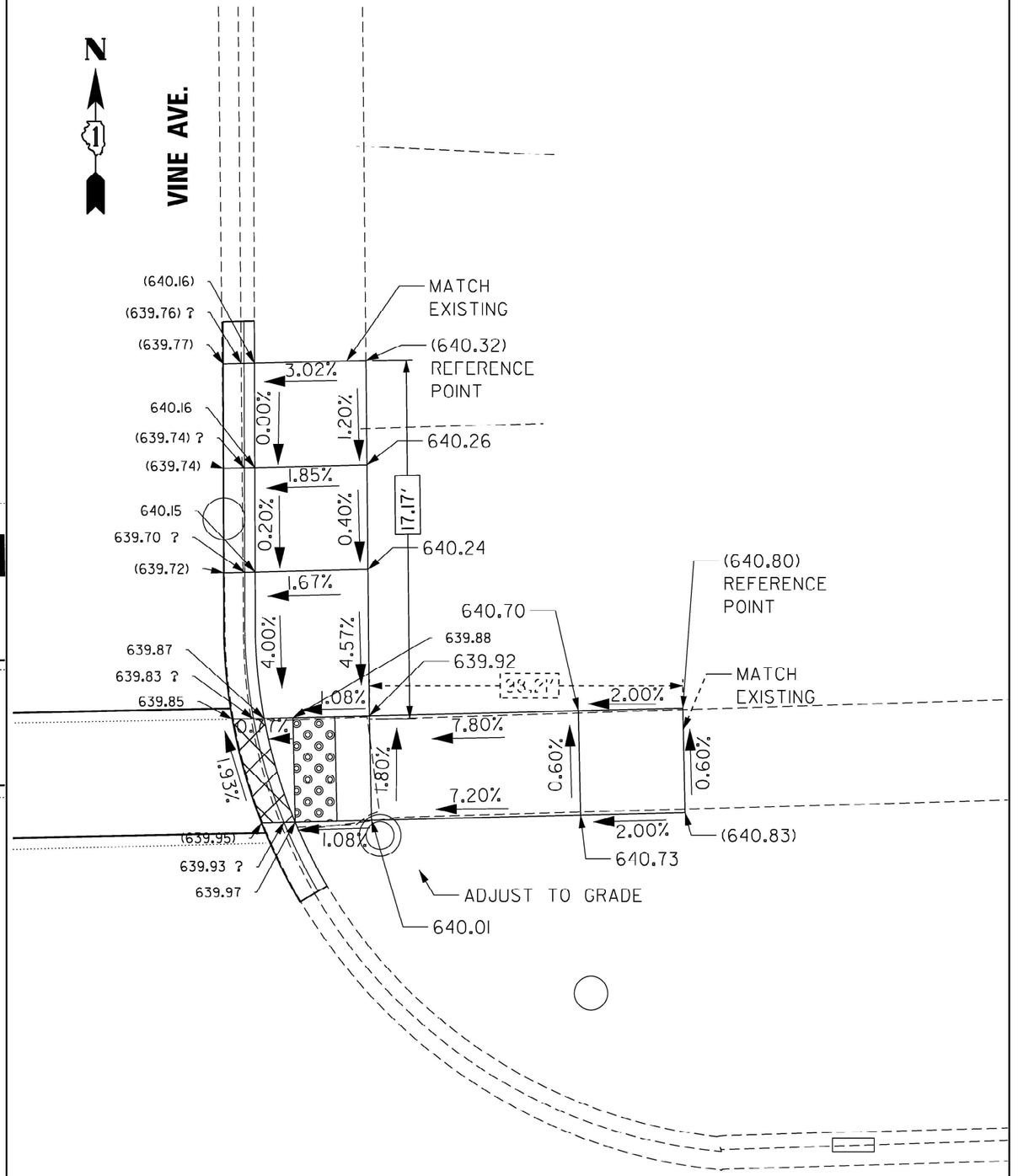
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	32
		CONTRACT NO.: 62P93		
	ILLINOIS FED. AID PROJECT			





USER NAME = Phillip.Steed	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 3/30/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	33
		CONTRACT NO.: 62P93		
	ILLINOIS FED. AID PROJECT			

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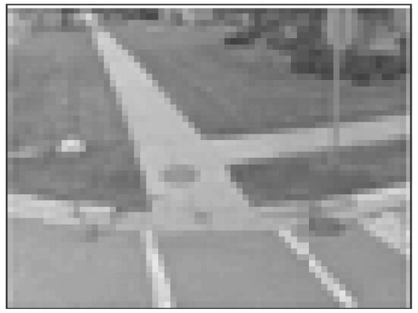
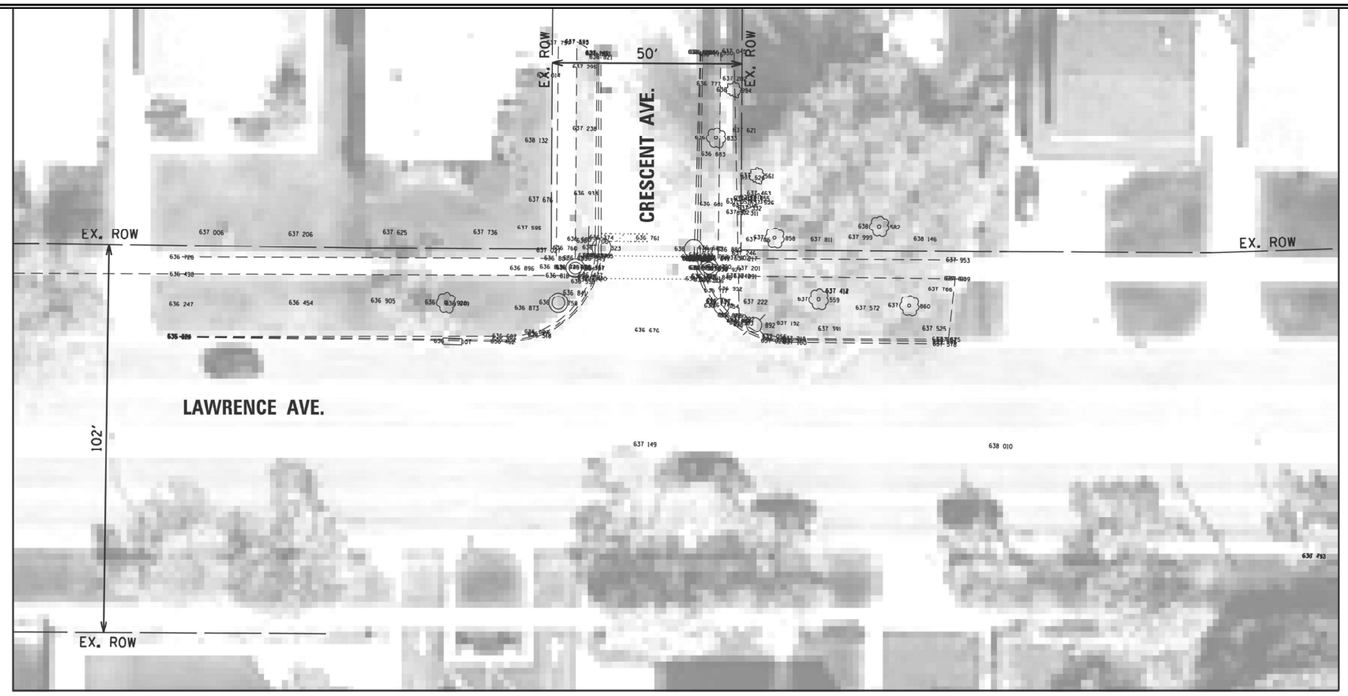
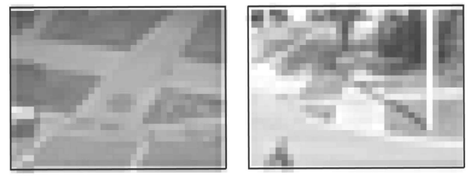


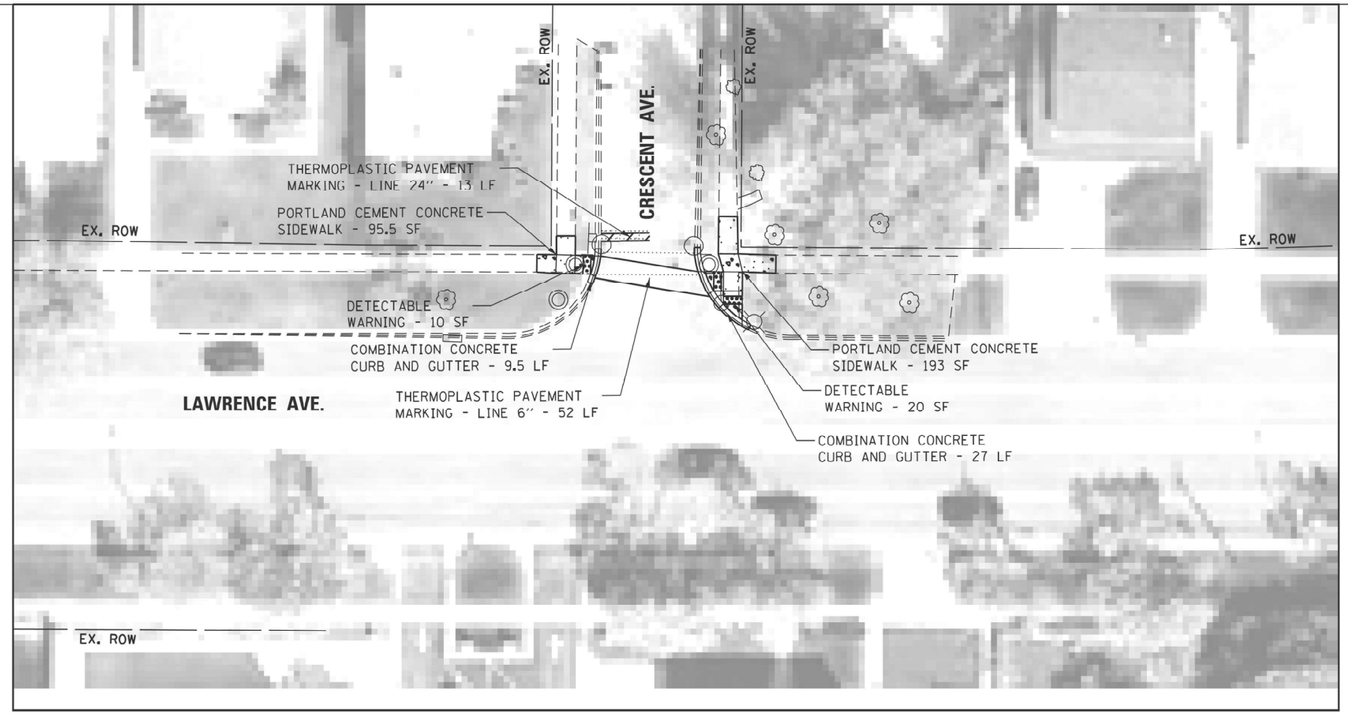
NORTHWEST CORNER





NORTHEAST CORNER

EXISTING



LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK, (SPECIAL)
- ADA COMPLIANT GRATE
- UTILITY STRUCTURE TO BE ADJUSTED
- UTILITY STRUCTURE TO BE RELOCATED
- COMBINATION CONRETE CURB AND GUTTER
- EXISTING R.O.W. LINE
- SINGLE POST SIGN
- ABOVE GROUND SPLICE BOX
- CONTROLLER BOX
- FIRE HYDRANT
- GUY POLE
- HANDHOLE
- LIGHT STANDARD
- MANHOLE
- POWER LINE
- TELEPHONE
- TRAFFIC SIGNAL
- VEGETATION OUTLINE
- SINGLE TREE OR BUSH

N

0 20 40 60

SCALE IN FEET

NOTE:
PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.

PROPOSED

FILE NAME = pw://idot-pw.bentley.com:PWIDOT/Documents/IDOT Offices/District 1/ORD Projects/P1263	USER NAME = Phillip.Steed	DESIGNED -	REVISED -
		DRAWN -	REVISED -
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	PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

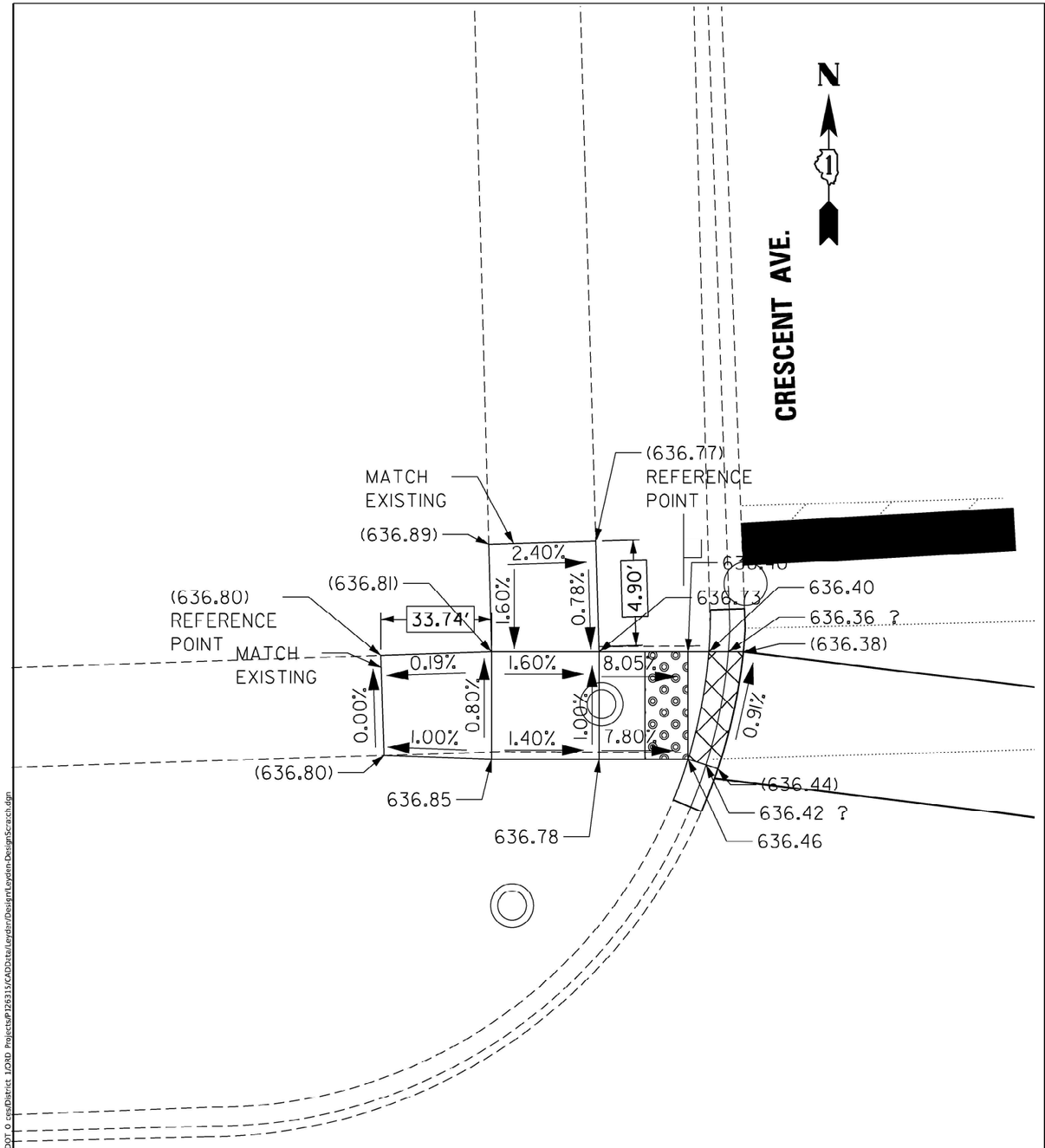
ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

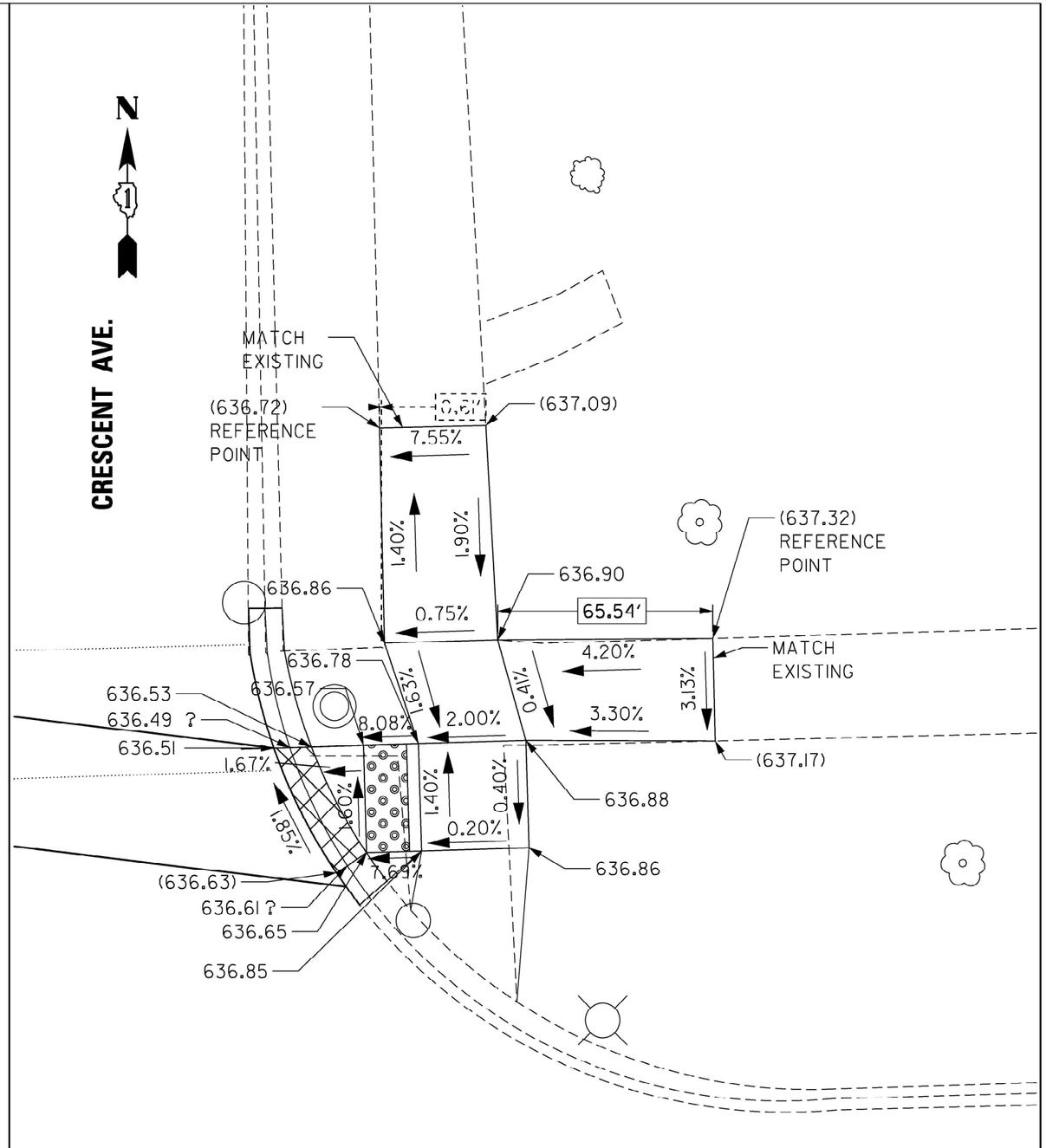
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	34

CONTRACT NO.: 62P93

ILLINOIS | FED. AID PROJECT





USER NAME = Phillip.Steed	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 3/30/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	35
		CONTRACT NO.: 62P93		
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
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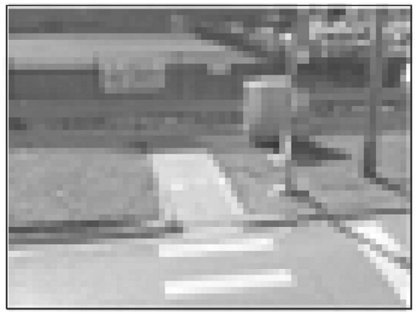
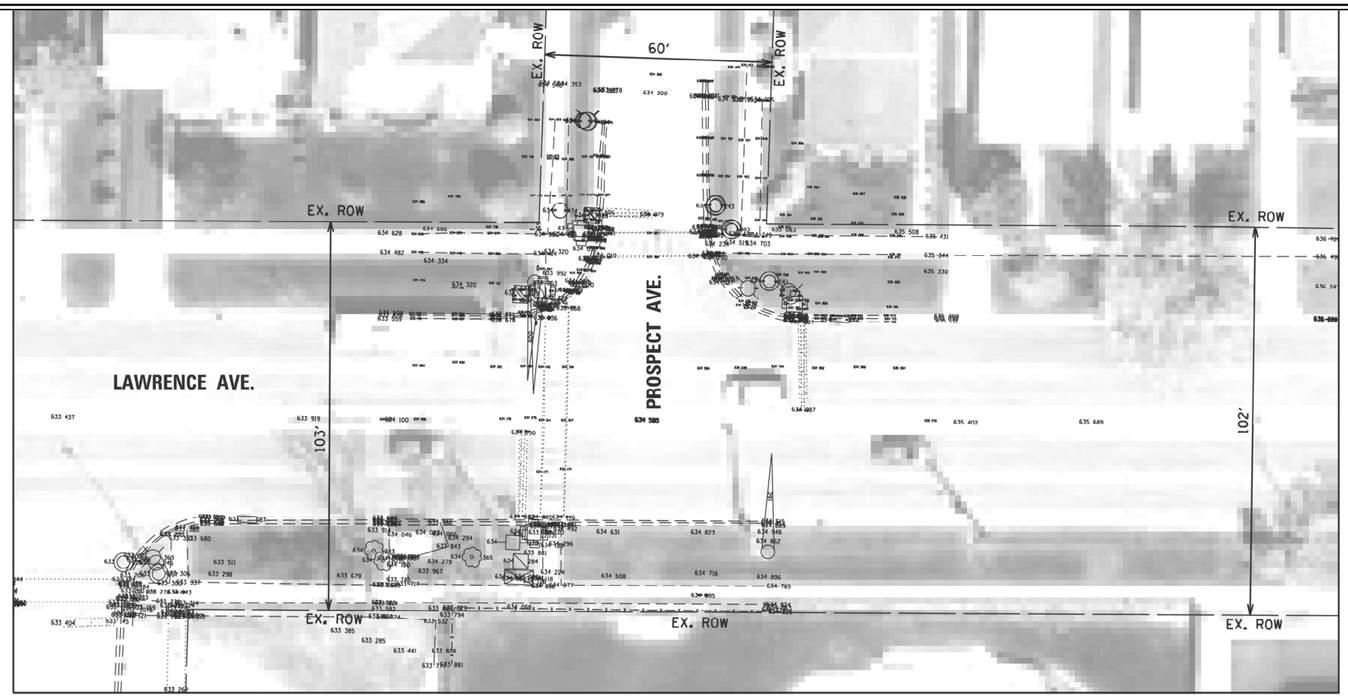
NORTHWEST CORNER



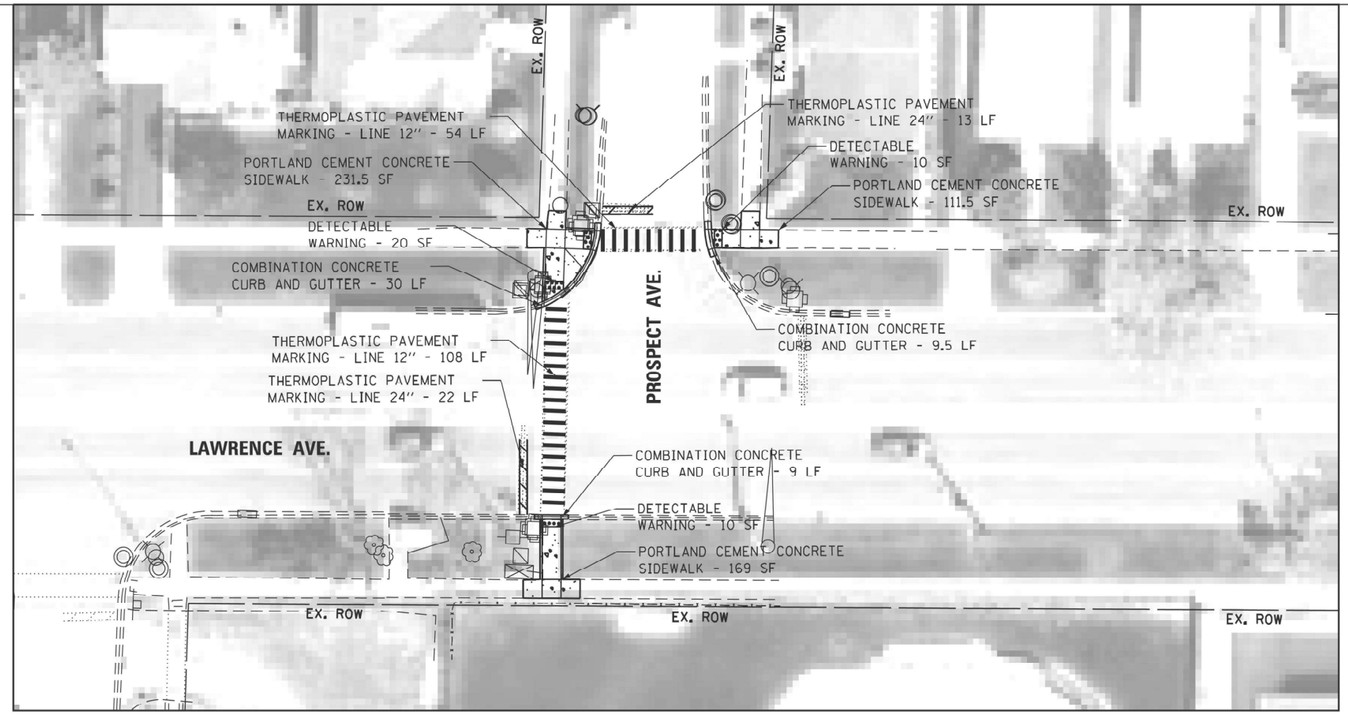
SOUTHWEST CORNER





NORTHEAST CORNER

EXISTING



LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK, (SPECIAL)
- ADA COMPLIANT GRATE
- UTILITY STRUCTURE TO BE ADJUSTED
- UTILITY STRUCTURE TO BE RELOCATED
- COMBINATION CONRETE CURB AND GUTTER
- EXISTING R.O.W. LINE
- SINGLE POST SIGN
- ABOVE GROUND SPLICE BOX
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- HANDHOLE
- LIGHT STANDARD
- MANHOLE
- POWER LINE
- TELEPHONE
- TRAFFIC SIGNAL
- VEGETATION OUTLINE
- SINGLE TREE OR BUSH

N

0 20 40 60

SCALE IN FEET

NOTE:
PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.

PROPOSED

FILE NAME = pw://ildot-pw.bentley.com:PWIDOT/Documents/IDOT Offices/District 1/ORD Projects/P1263	USER NAME = Phillip.Steed	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = @SCALE@	CHECKED -	REVISED -
	PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	36

CONTRACT NO.: 62P93

ILLINOIS | FED. AID PROJECT

PROSPECT AVE.

N

MATCH EXISTING
(634.49)
REFERENCE POINT
2.77%
1.40%
0.20%
(634.36)
634.35
634.42
(634.52)
MATCH EXISTING
1.96%
1.40%
3.08%
1.60%
0.40%
0.60%
6.52%
1.20%
6.96%
(634.36)
REFERENCE POINT
(634.34)
0" CF
0.40%
634.32
(633.82)
633.80 ?
633.84
(634.00)
3.02%
3.03%
5.70%
5.14%
0.80%
633.77
633.73 ?
(633.75)
0.63%
633.73
(633.95) TC
0.86%
633.71
633.67 ?
(633.69)

LAWRENCE AVE.

PROSPECT AVE.

N

(634.47)
REFERENCE POINT
0.11'
MATCH EXISTING
(634.75)
5.71%
634.62
633.97
633.93 ?
(633.95)
634.53
633.98
1.20%
2.60%
(634.82)
REFERENCE POINT
MATCH EXISTING
1.80%
4.00%
7.97%
0.89%
0.80%
0.40%
0.40%
1.04%
7.68%
1.00%
3.40%
(634.77)
(634.00)
633.98 ?
634.02
634.55
634.60

LAWRENCE AVE.

MODEL: Default
FILE NAME: pw://illdot-pw.bentley.com:PWIDOT/Documents/IDOT O ces/District 1/ORD Projects/P126315/CADData/Leyden/Design/Leyden-DesignScratch.dgn

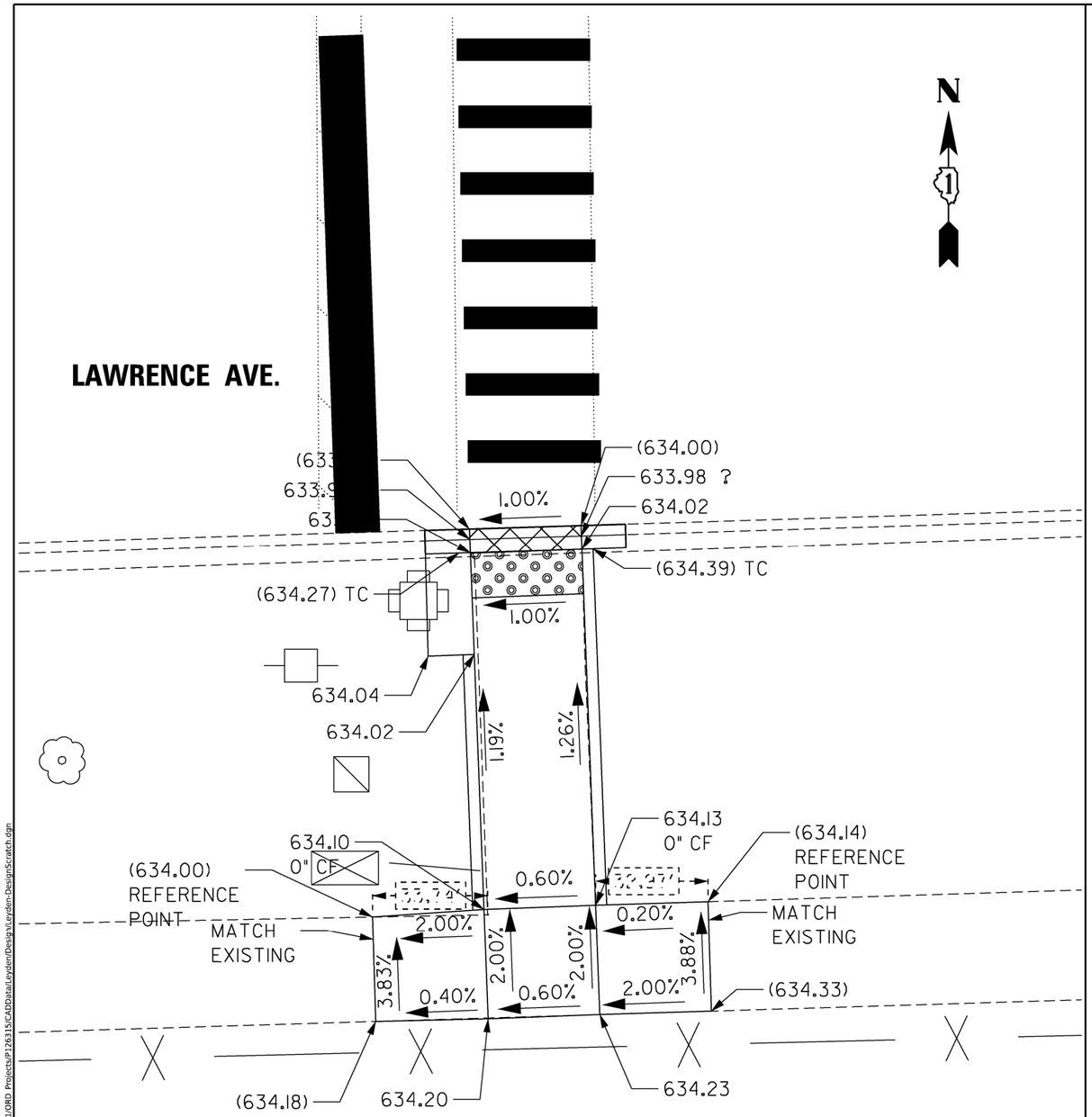
USER NAME = Phillip.Steed	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	37
		CONTRACT NO.: 62P93		
	ILLINOIS FED. AID PROJECT			



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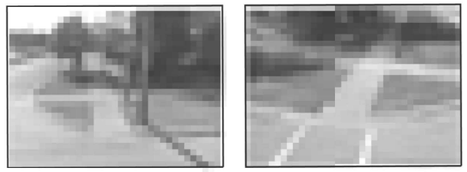
USER NAME = Phillip.Steed	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

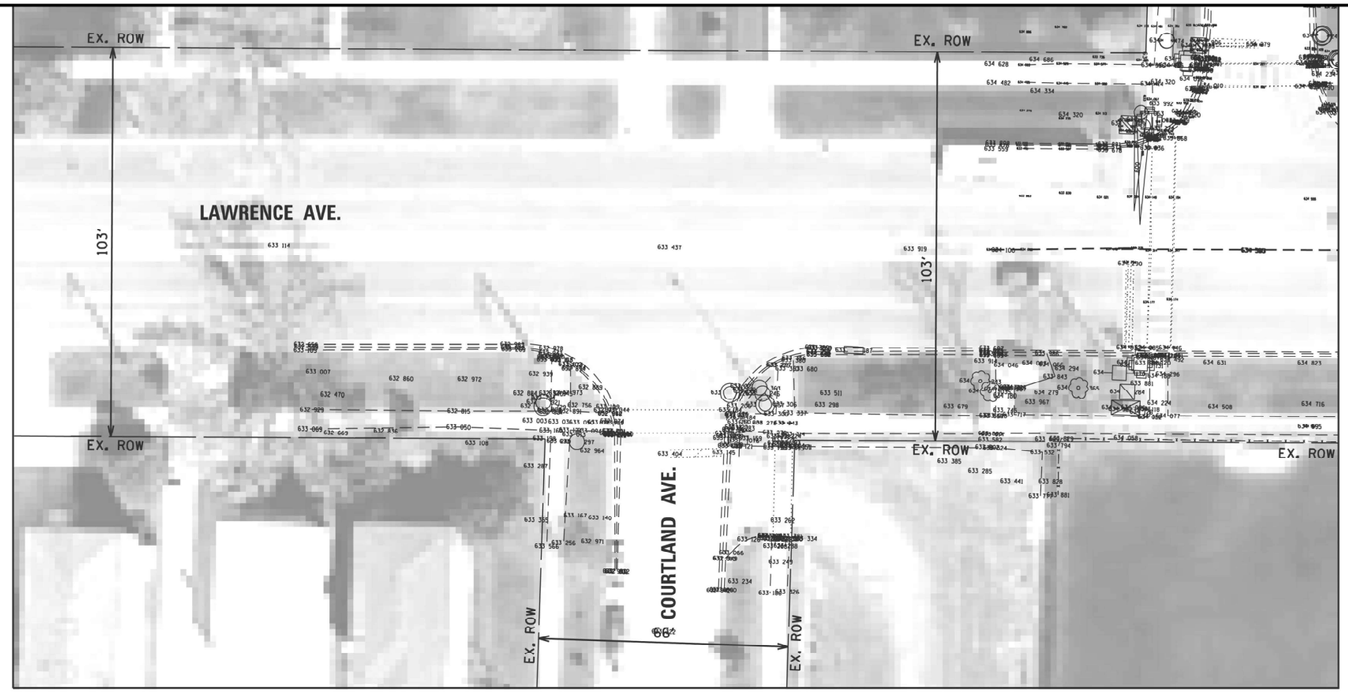
ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

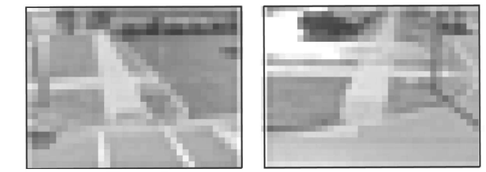
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	38
		CONTRACT NO.: 62P93		
	ILLINOIS FED. AID PROJECT			



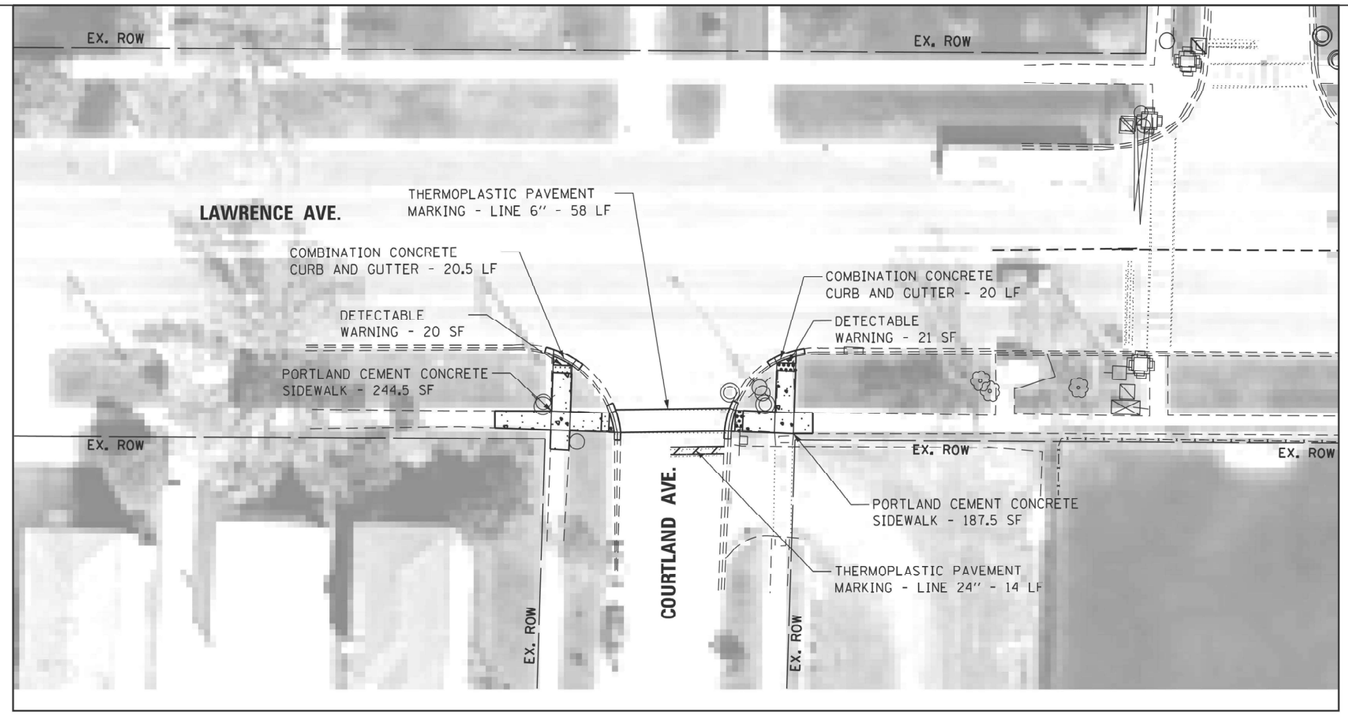
SOUTHWEST CORNER



EXISTING



SOUTHEAST CORNER



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK, (SPECIAL)
- ADA COMPLIANT GRATE
- UTILITY STRUCTURE TO BE ADJUSTED
- UTILITY STRUCTURE TO BE RELOCATED
- COMBINATION CONRETE CURB AND GUTTER
- EXISTING R.O.W. LINE
- SINGLE POST SIGN
- ABOVE GROUND SPLICE BOX
- CONTROLLER BOX
- FIRE HYDRANT
- GUY POLE
- HANDHOLE
- LIGHT STANDARD
- MANHOLE
- POWER LINE
- TELEPHONE
- TRAFFIC SIGNAL
- VEGETATION OUTLINE
- SINGLE TREE OR BUSH

N

0 20 40 60

SCALE IN FEET

NOTE:
PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.

FILE NAME = pw://idot-pw.bentley.com:PWIDOT/Documents/IDOT Offices/District 1/ORD Projects/P1263152/Private/Leyden/Design/Leyden-DesignScratch.dgn	USER NAME = Phillip.Steed	DESIGNED -	REVISED -
	PLOT SCALE = ●SCALE●	DRAWN -	REVISED -
	PLOT DATE = 3/30/2025	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

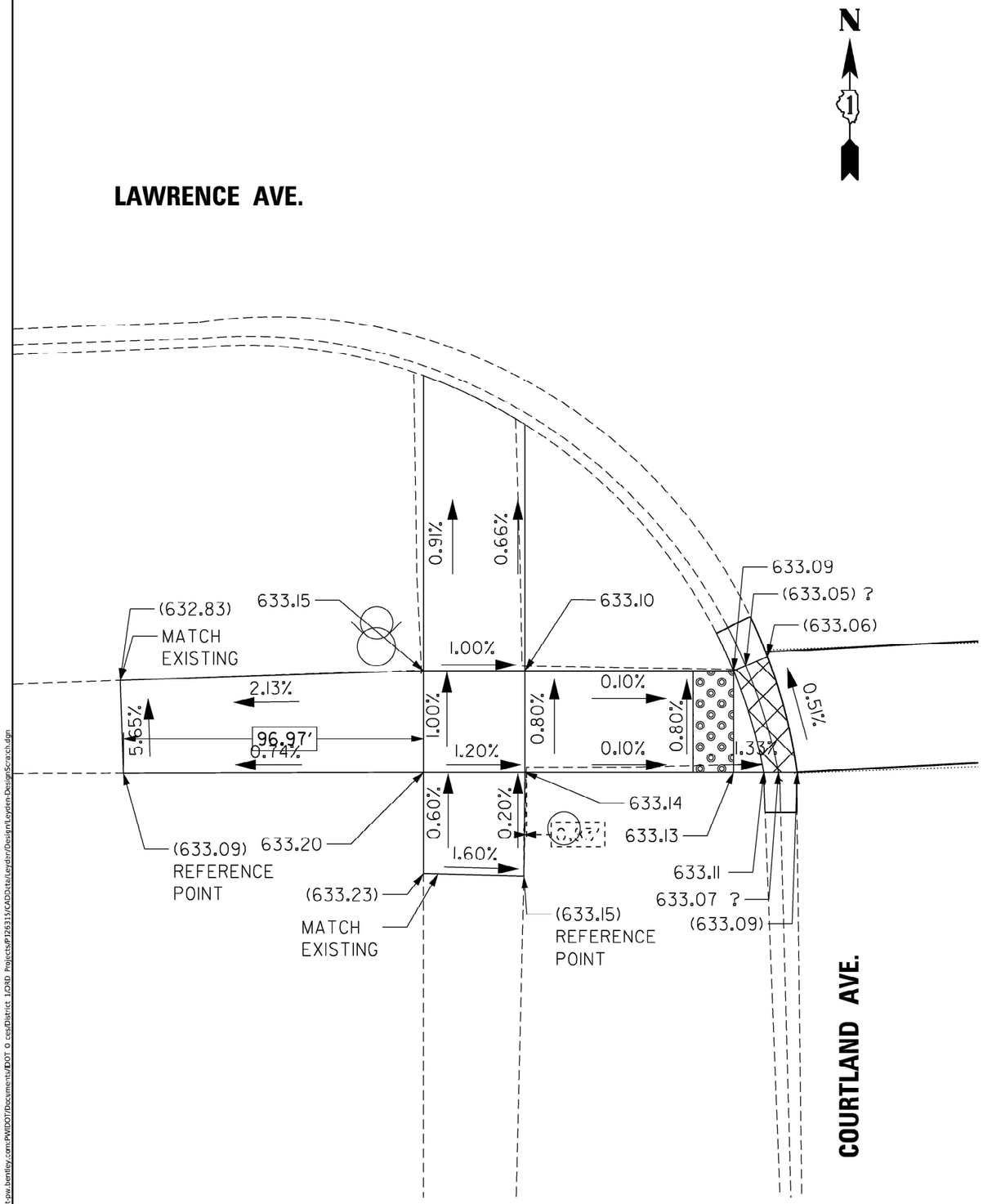
ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

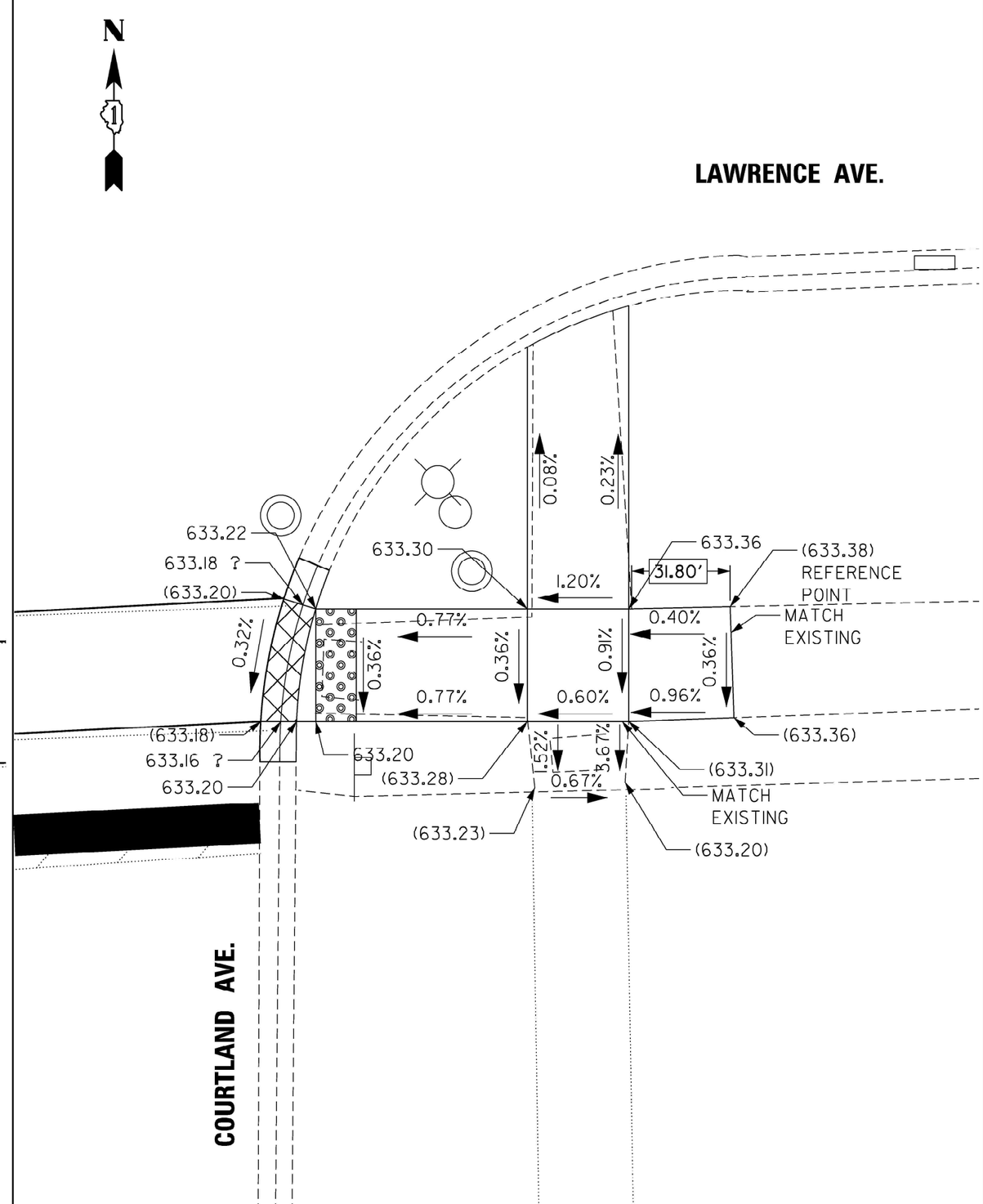
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	39

CONTRACT NO.: 62P93

ILLINOIS FED. AID PROJECT





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USER NAME = Phillip.Steed	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	40
		CONTRACT NO.: 62P93		
		ILLINOIS FED. AID PROJECT		

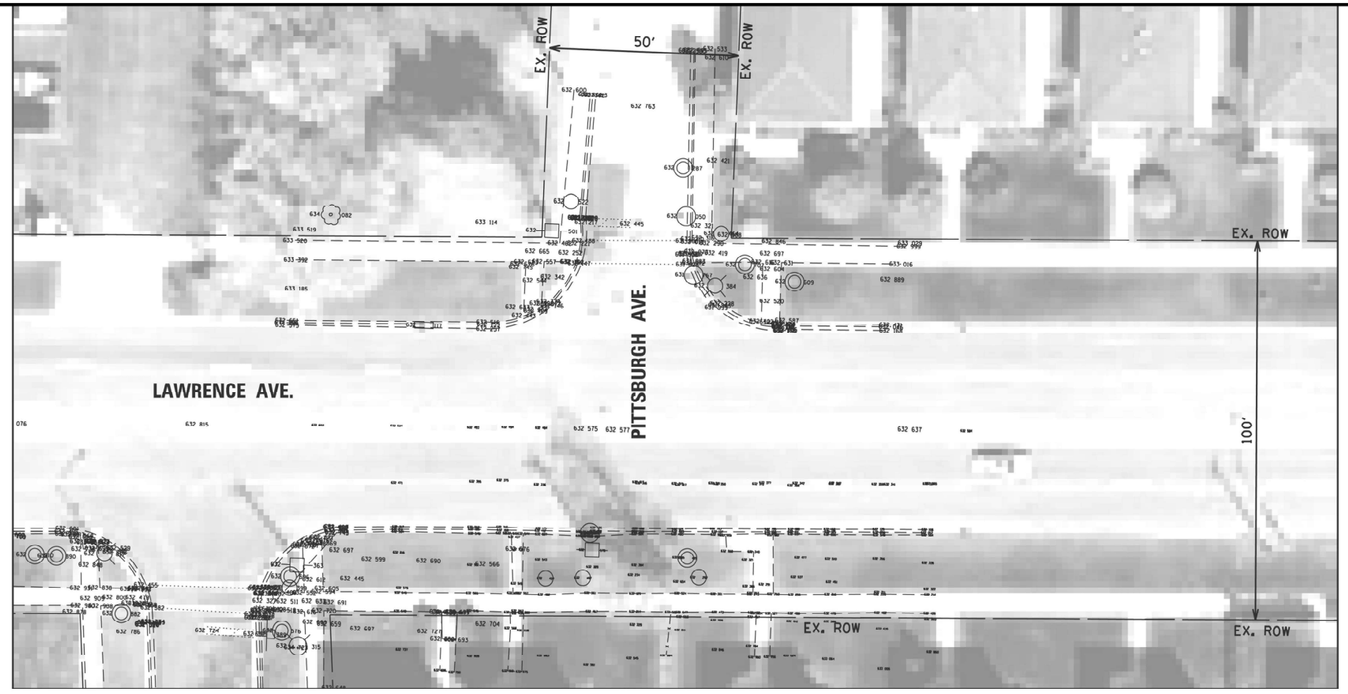




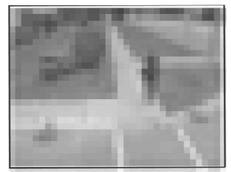
NORTHWEST CORNER



SOUTHWEST CORNER



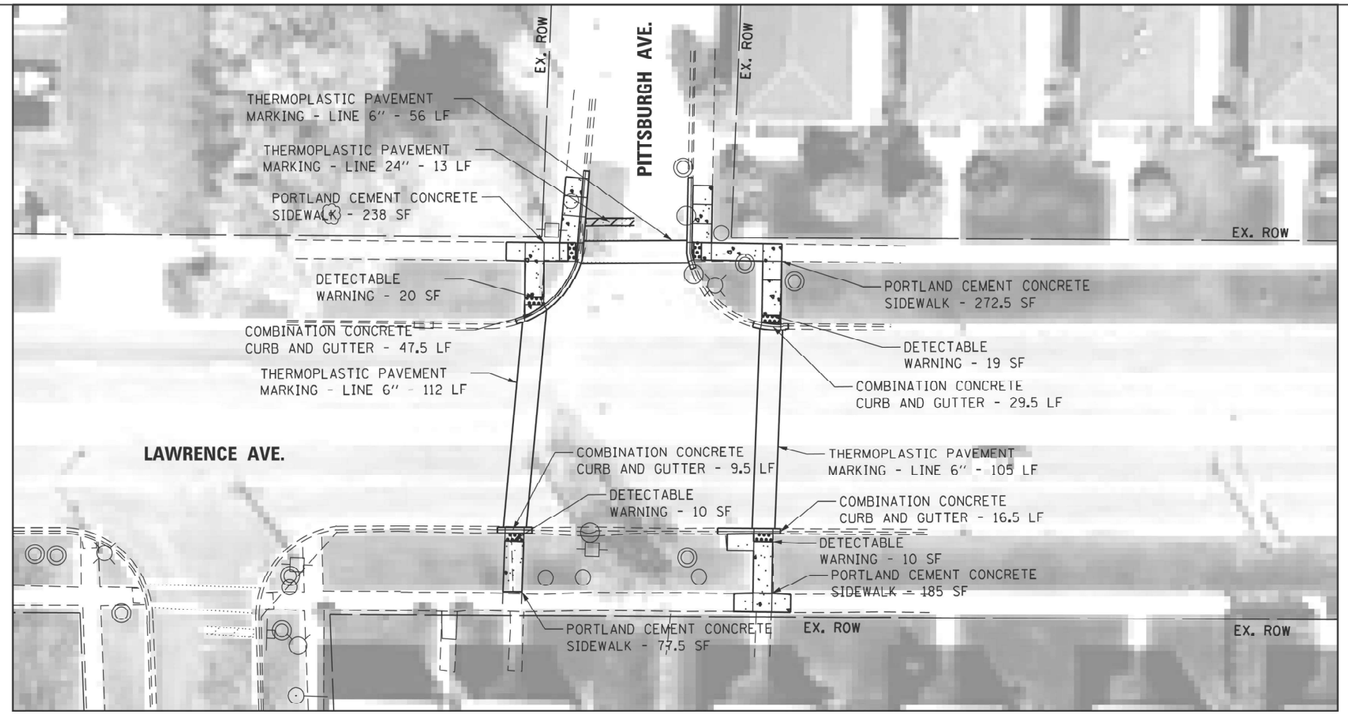
EXISTING





NORTHEAST CORNER





PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK, (SPECIAL)
- ADA COMPLIANT GRATE
- UTILITY STRUCTURE TO BE ADJUSTED
- UTILITY STRUCTURE TO BE RELOCATED
- COMBINATION CONRETE CURB AND GUTTER
- EXISTING R.O.W. LINE
- SINGLE POST SIGN
- ABOVE GROUND SPLICE BOX
- CONTROLLER BOX
- FIRE HYDRANT
- GUY POLE
- HANDHOLE
- LIGHT STANDARD
- MANHOLE
- POWER LINE
- TELEPHONE
- TRAFFIC SIGNAL
- VEGETATION OUTLINE
- SINGLE TREE OR BUSH

N

0 20 40 60

SCALE IN FEET

NOTE:
PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.

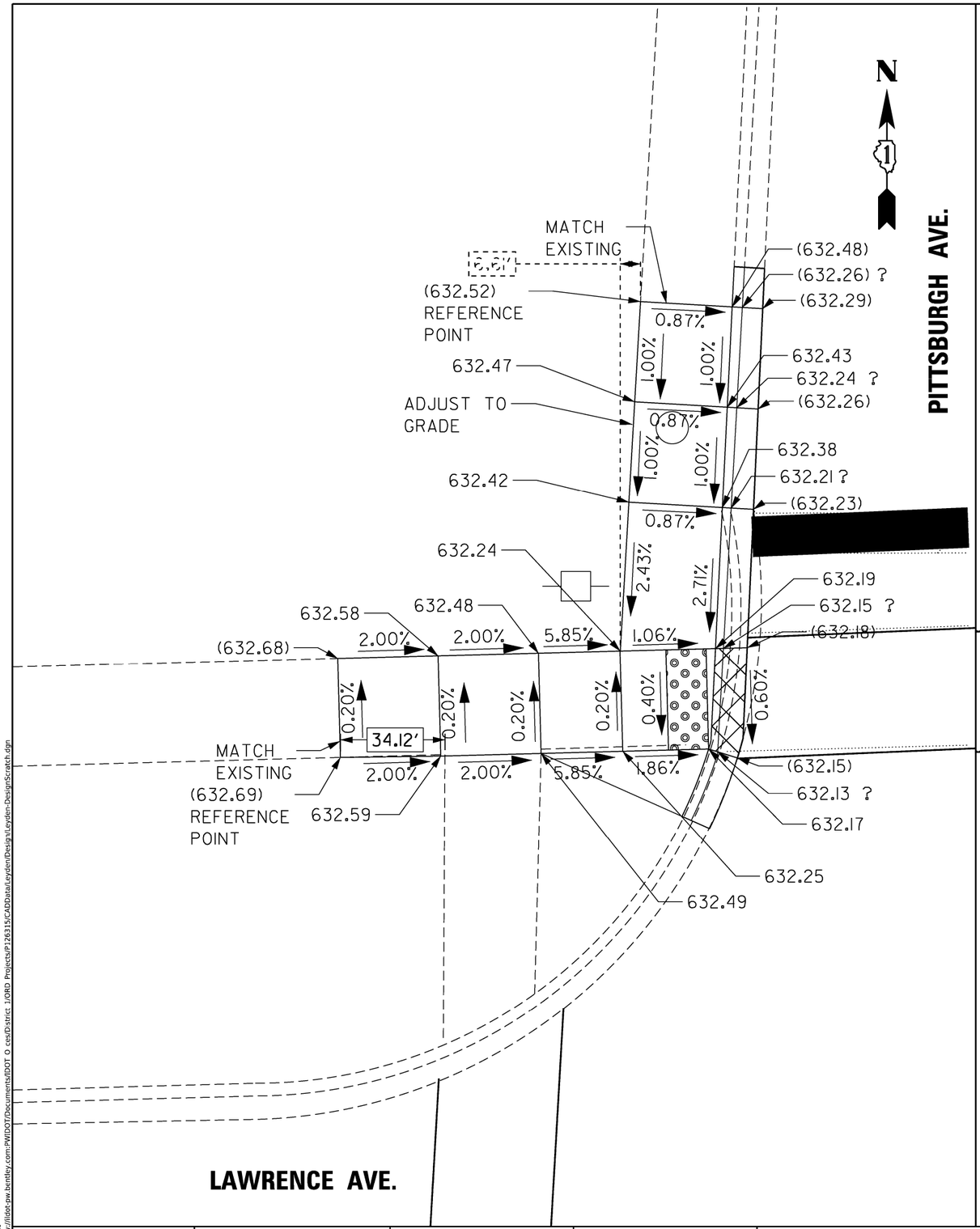
FILE NAME = pw://idot-pw.bentley.com:PWIDOT/Documents/IDOT Offices/District 1/ORD Projects/P1263 50 Data/Leyden/Design/Leyden-DesignScr.dgn	USER NAME = Phillip.Steed	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = %SCALE%	CHECKED -	REVISED -
	PLOT DATE = 3/30/2025	DATE -	REVISED -

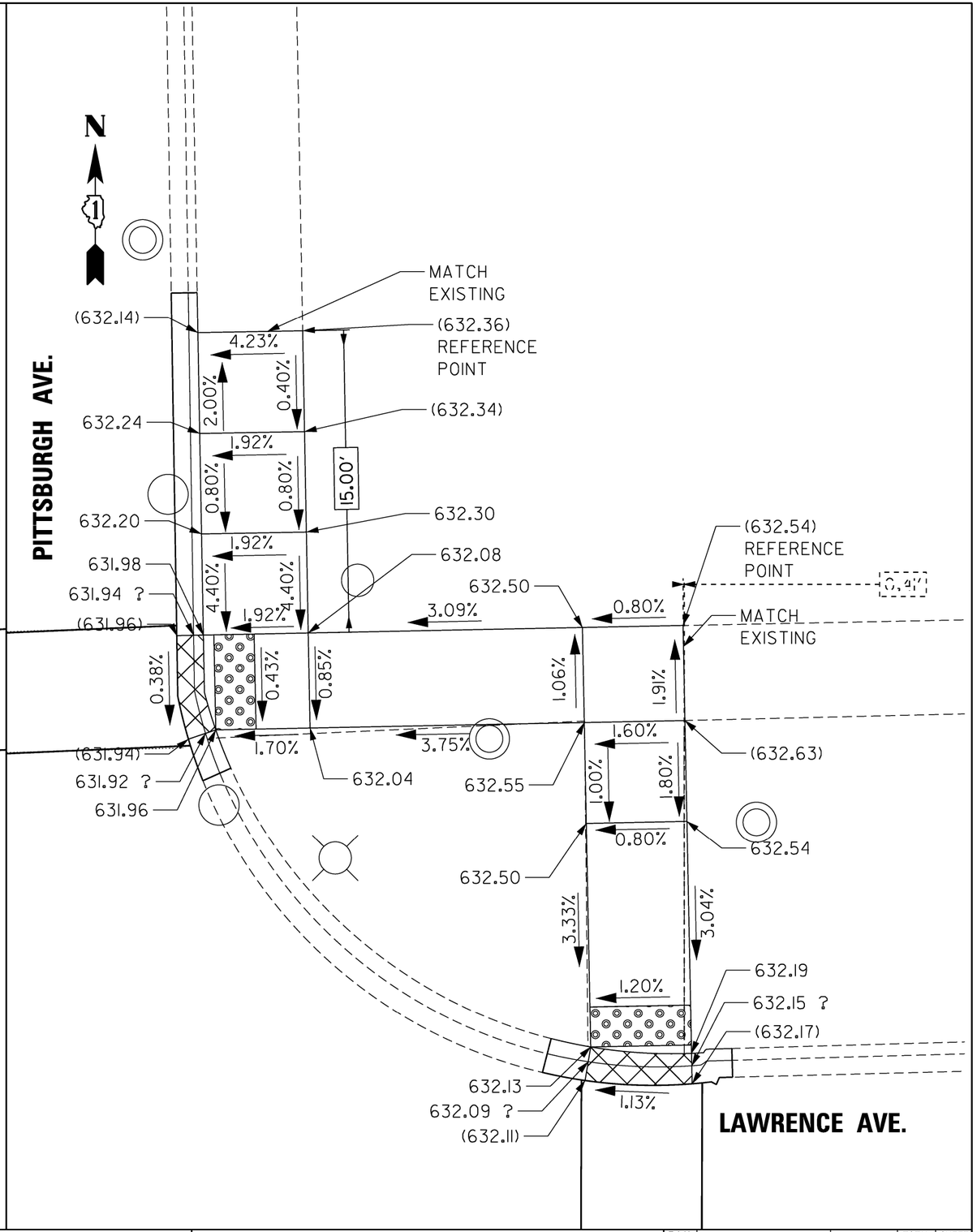
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	41
		CONTRACT NO.: 62P93		
		ILLINOIS FED. AID PROJECT		





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USER NAME = Phillip.Steed	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 3/30/2025	DATE -	REVISED -

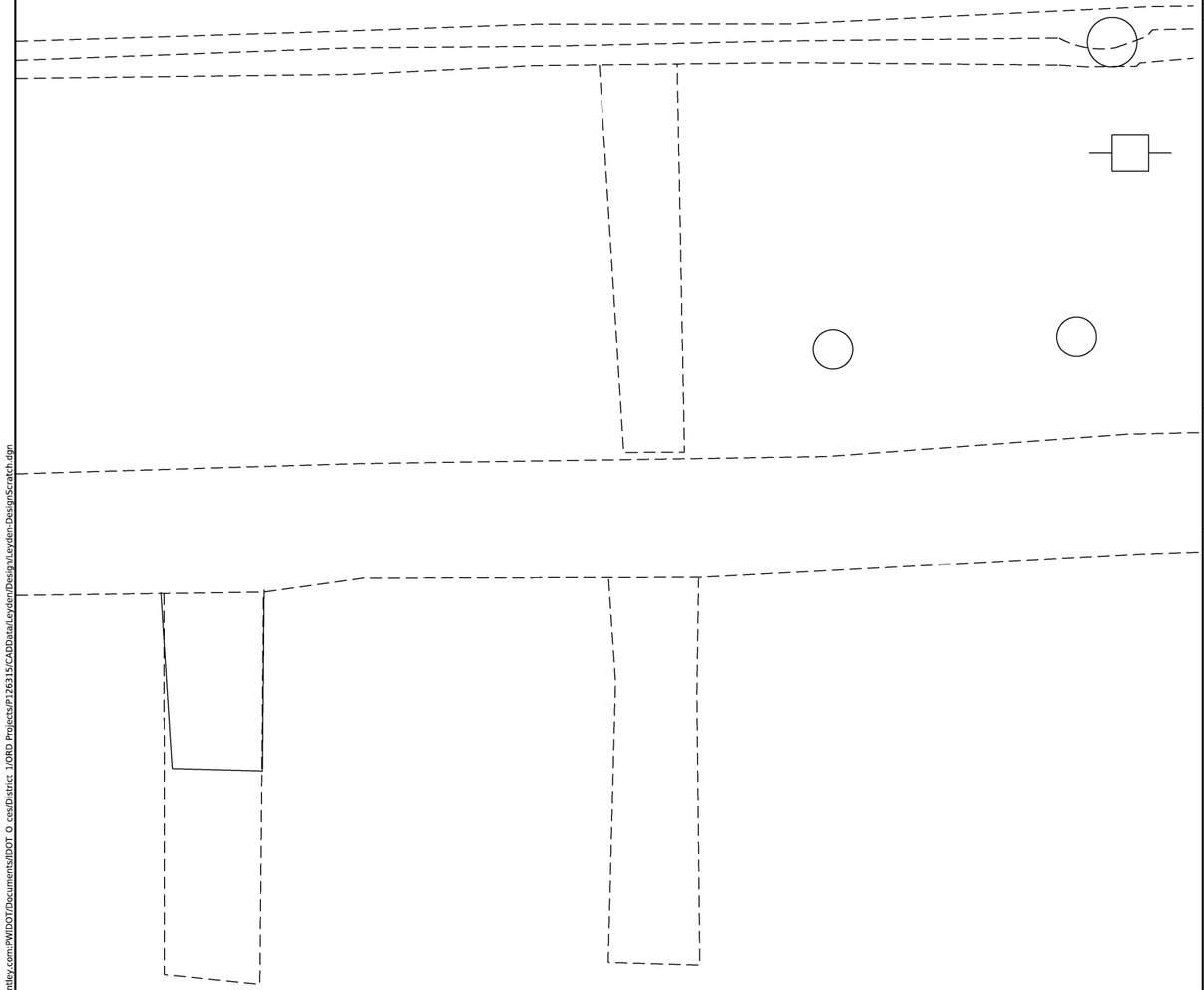
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

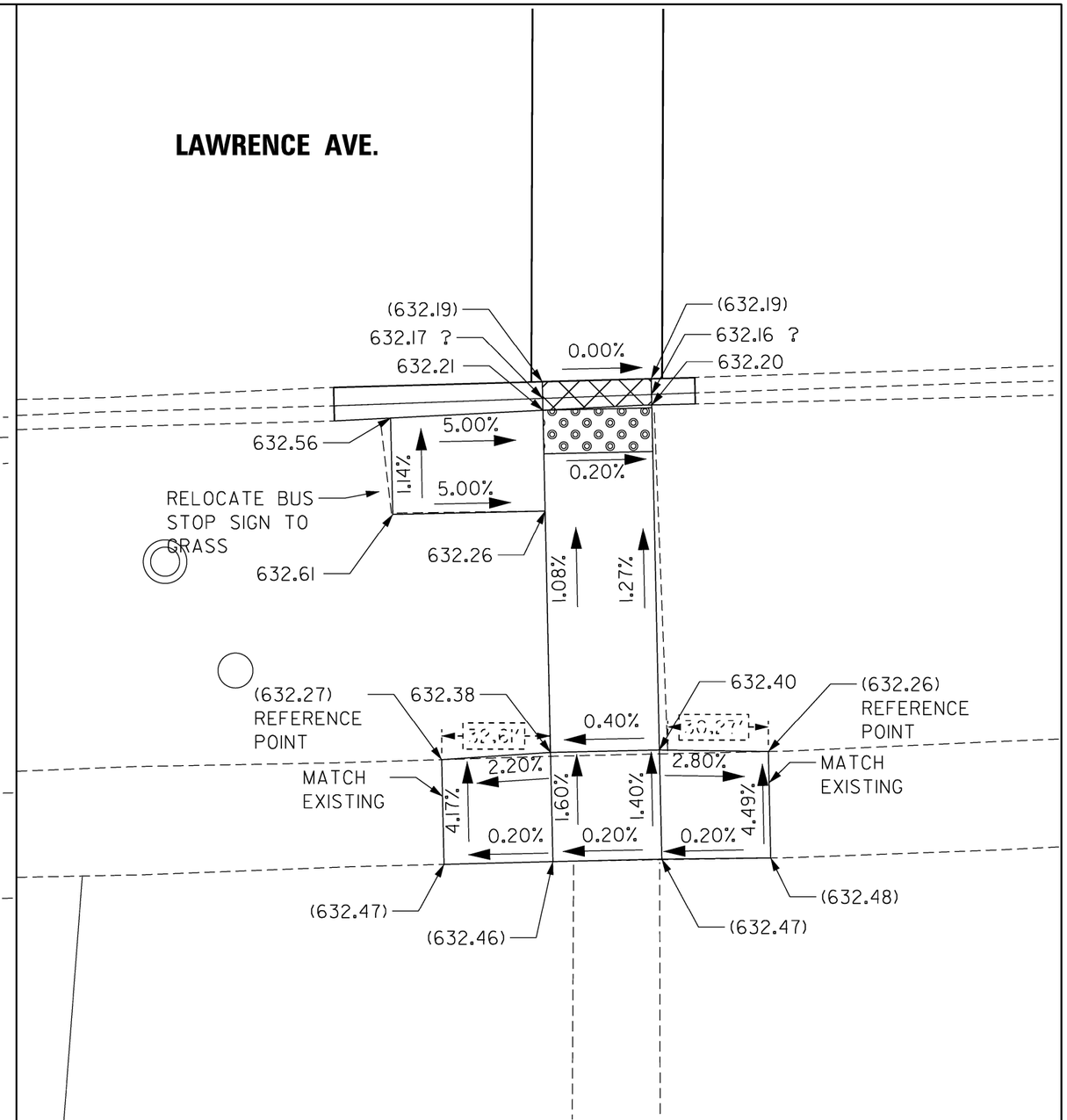
SCALE: NONE | SHEET OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	42
		CONTRACT NO.: 62P93		
	ILLINOIS FED. AID PROJECT			

LAWRENCE AVE.



LAWRENCE AVE.



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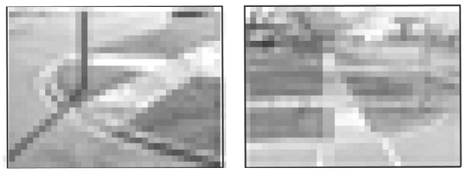
USER NAME = Phillip.Steed	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

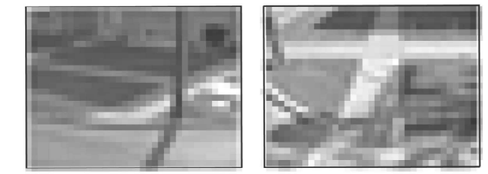
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	43
		CONTRACT NO.: 62P93		
	ILLINOIS FED. AID PROJECT			



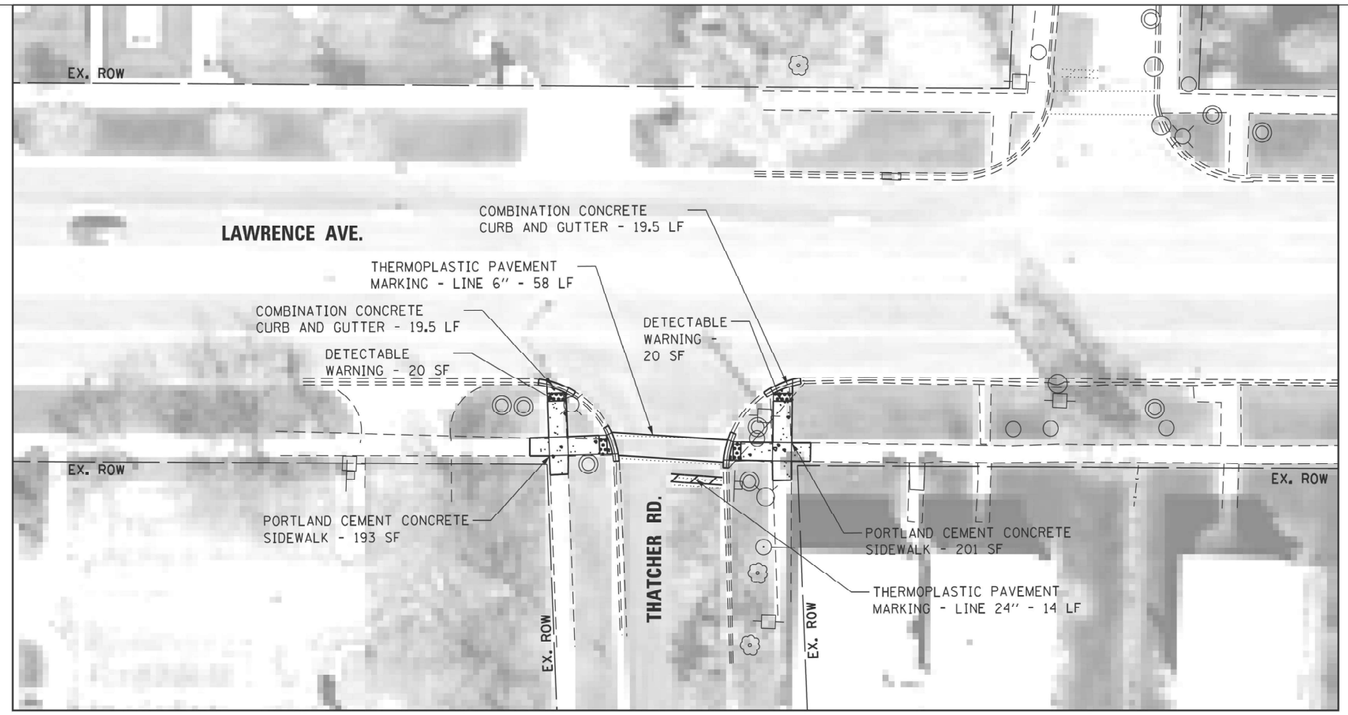
SOUTHWEST CORNER



EXISTING



SOUTHEAST CORNER



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK, (SPECIAL)
- ADA COMPLIANT GRATE
- UTILITY STRUCTURE TO BE ADJUSTED
- UTILITY STRUCTURE TO BE RELOCATED
- COMBINATION CONRETE CURB AND GUTTER
- EXISTING R.O.W. LINE
- SINGLE POST SIGN
- ABOVE GROUND SPLICE BOX
- CONTROLLER BOX
- FIRE HYDRANT
- GUY POLE
- HANDHOLE
- LIGHT STANDARD
- MANHOLE
- POWER LINE
- TELEPHONE
- TRAFFIC SIGNAL
- VEGETATION OUTLINE
- SINGLE TREE OR BUSH

N

0 20 40 60

SCALE IN FEET

NOTE:
PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.

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		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

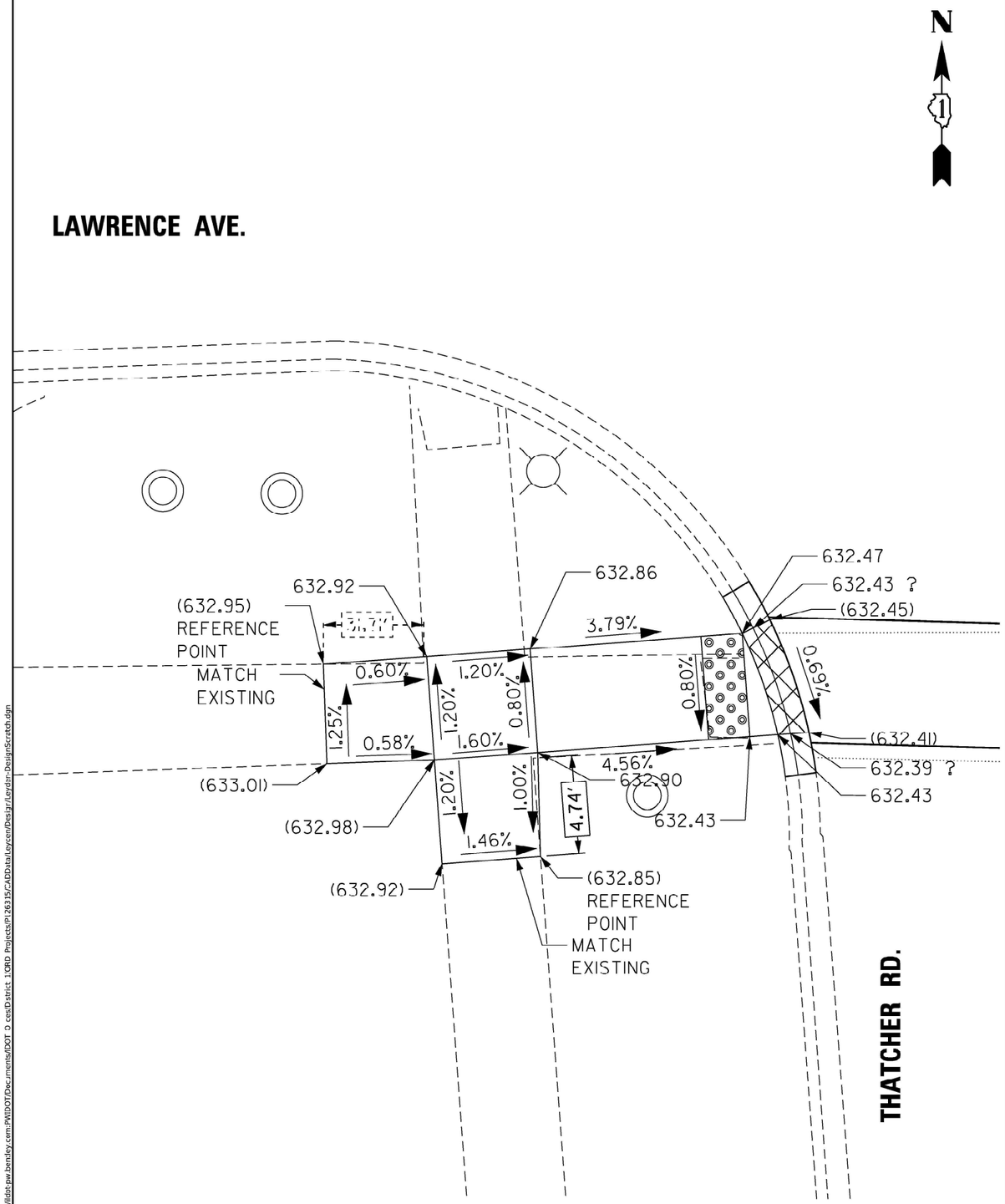
ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

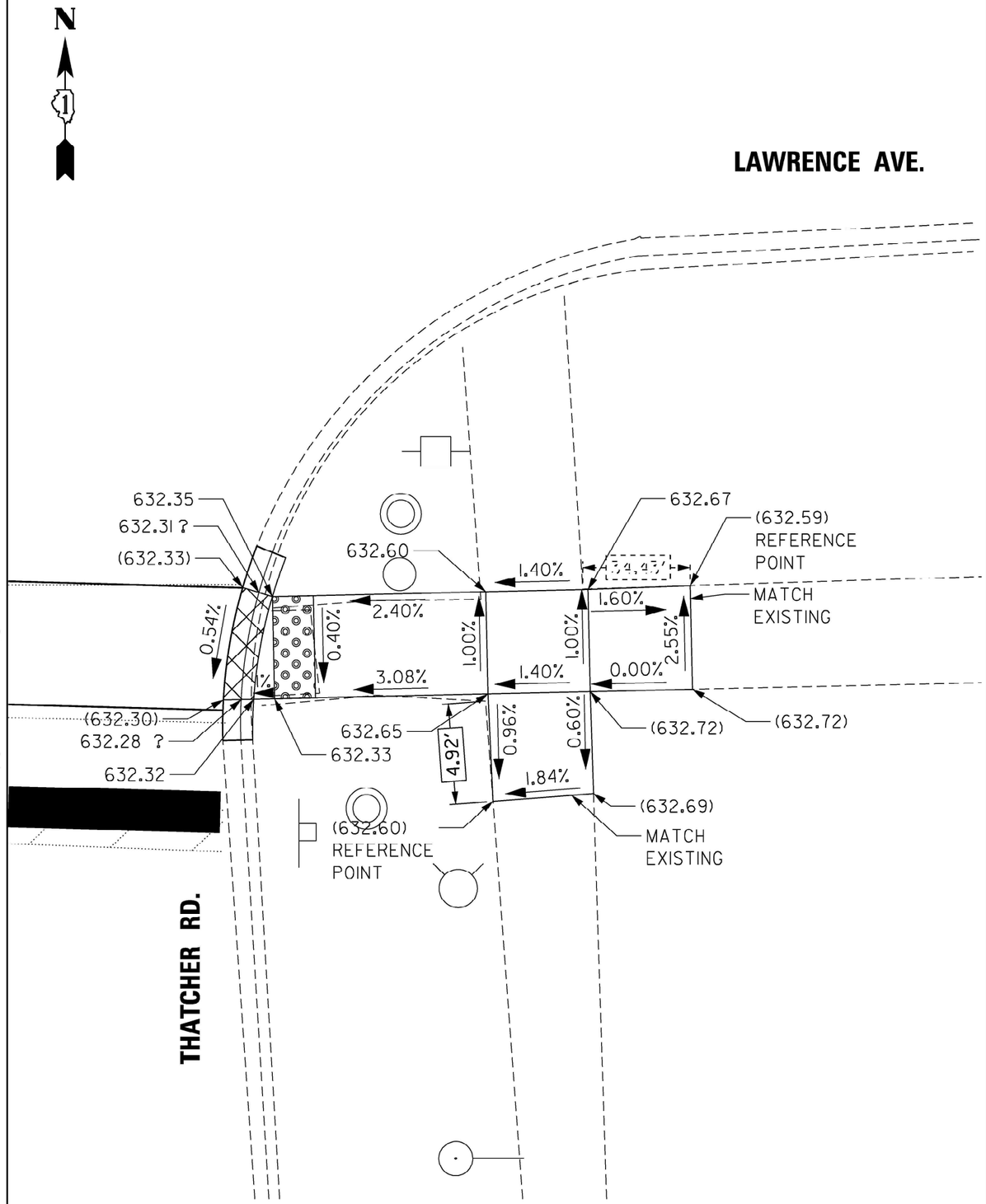
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	44

CONTRACT NO.: 62P93

ILLINOIS FED. AID PROJECT





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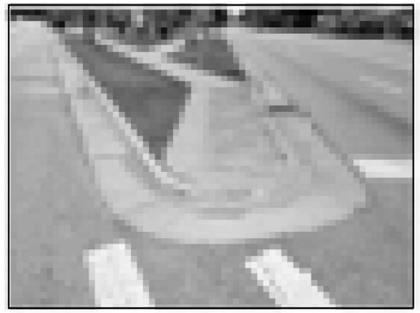
USER NAME = Phillip.Steed	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

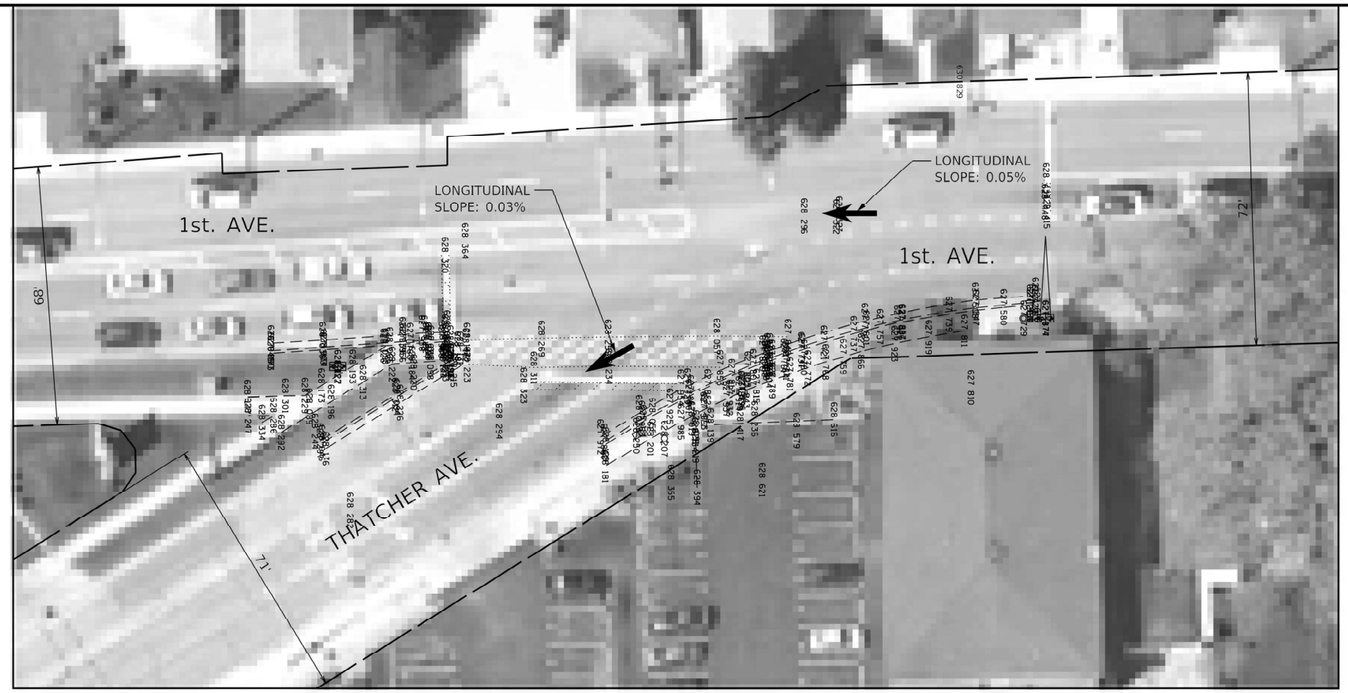
ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	45
		CONTRACT NO.: 62P93		
	ILLINOIS	FED. AID PROJECT		



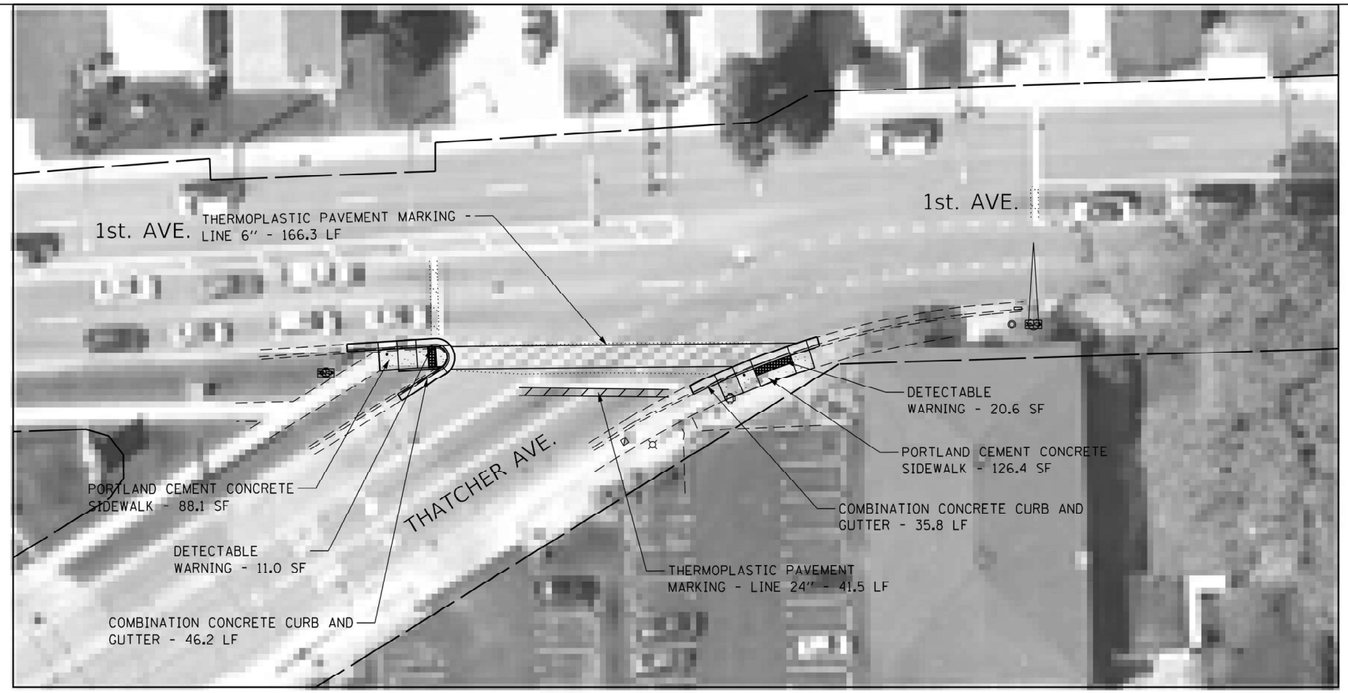
SOUTHEAST CORNER



EXISTING



NORTHEAST CORNER



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- COMBINATION CONRETE CURB AND GUTTER
- EXISTING R.O.W. LINE
- SINGLE POST SIGN
- ABOVE GROUND SPLICE BOX
- CONTROLLER BOX
- FIRE HYDRANT
- GUY POLE
- HANDHOLE
- LIGHT STANDARD
- MANHOLE
- POWER LINE
- TELEPHONE
- TRAFFIC SIGNAL
- VEGETATION OUTLINE
- SINGLE TREE OR BUSH

NOTE:
PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.

0 20 40 60
SCALE IN FEET

FILE NAME = pw://idot-pw.bentley.com:PWIDOT/Documents/IDOT Offices/District 1/ORD Projects/P1263 5 Various Locations/Leyden/Design/Leyden-DesignScr.dgn	USER NAME = Phillip.Steed	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	46
		CONTRACT NO.: 62P93		
		ILLINOIS FED. AID PROJECT		

N

1

1ST AVE.

THATCHER AVE.

MATCH EXISTING

(627.72)
(627.68) ℄
(627.78)

(627.77)

0.98%

1.54%

0.80%

627.81

627.80
627.76 ℄
(627.80)

0.20%

0.19%

0.50%

0.19%

627.86

0.80%

0.80%

627.90

(627.82)
627.78 ℄
627.82

1.20%

0.40%

0.40%

(627.84)
(627.79) ℄
627.88

0.59%

0.21%

(627.92)

MATCH EXISTING

(627.87)
(627.81) ℄
(627.91)

N

1

1ST AVE.

THATCHER AVE.

(628.13)
628.09 ℄
628.13

1.11%

1.17%

(628.22)
628.18 ℄
628.22
(628.29) TC

1.64%

1.00%

0.80%

628.08
(627.83) ℄
(627.97)

1.82%

628.18

0.20%

0.60%

15.48'

ADJUST TO GRADE

1.45%

628.15
0" CF

(627.94)
(627.78) ℄
628.07

0.20%

1.40%

2.91%

(627.95)
(627.79) ℄
(628.06)

(628.22)
REFERENCE POINT

MATCH EXISTING

MODEL: Default
FILE NAME: pw://illdot-pw.bentley.com:PWIDOT/Documents/IDOT O ces/District 1/ORD Projects/P126315/CADData/Leyden/Design/Leyden-DesignScratch.dgn

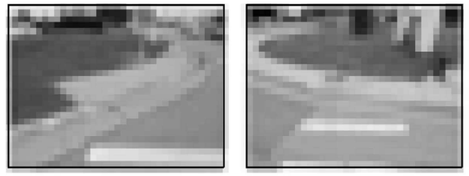
USER NAME = Phillip.Steed	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

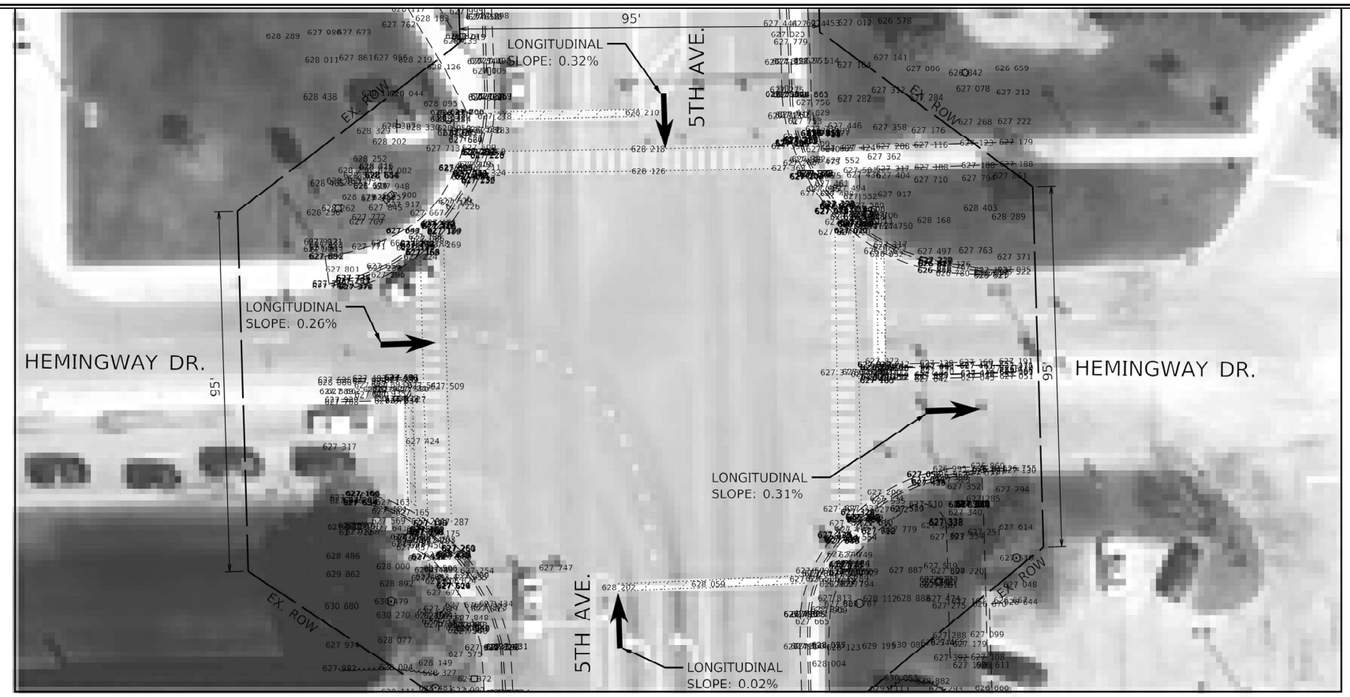
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	47
		CONTRACT NO.: 62P93		
	ILLINOIS FED. AID PROJECT			



NORTHWEST CORNER



SOUTHWEST CORNER



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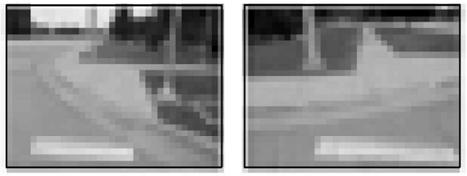
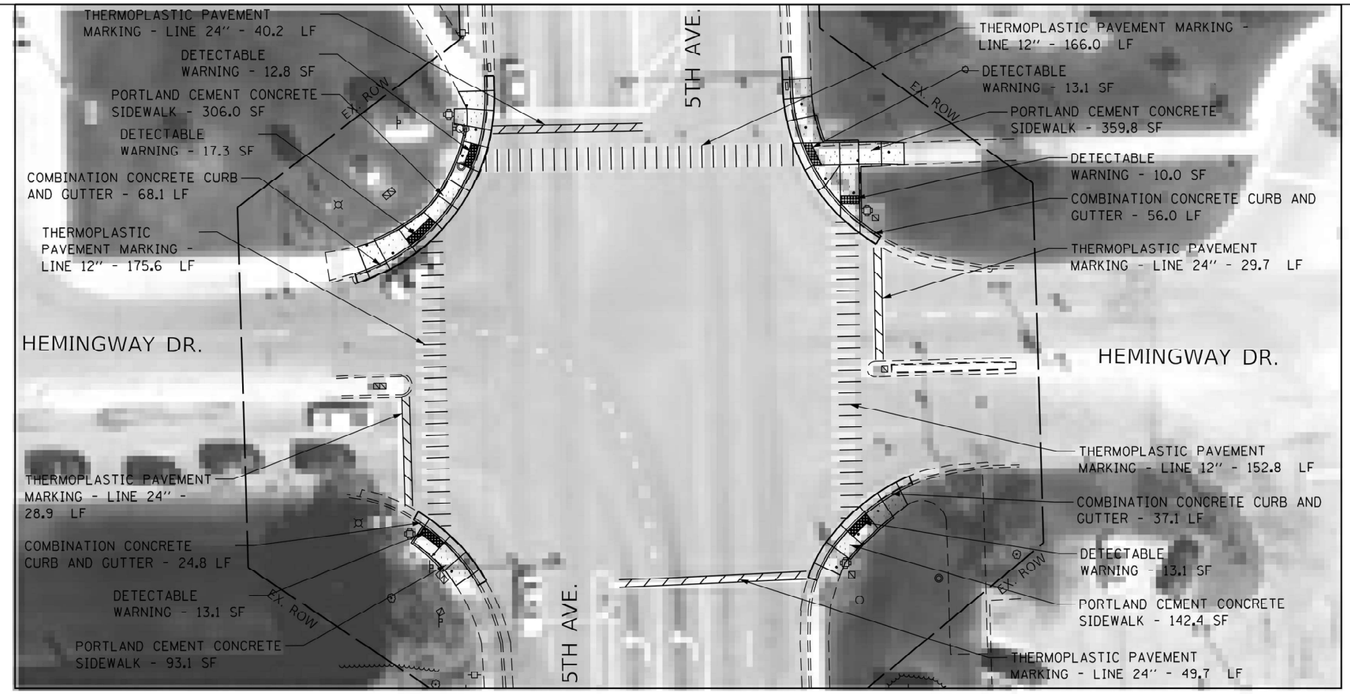


NORTHEAST CORNER



SOUTHEAST CORNER



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- COMBINATION CONRETE CURB AND GUTTER
- EXISTING R.O.W. LINE
- SINGLE POST SIGN
- ABOVE GROUND SPLICE BOX
- CONTROLLER BOX
- FIRE HYDRANT
- GUY POLE
- HANDHOLE
- LIGHT STANDARD
- MANHOLE
- POWER LINE
- TELEPHONE
- TRAFFIC SIGNAL
- VEGETATION OUTLINE
- SINGLE TREE OR BUSH

N

0 20 40 60

SCALE IN FEET

NOTE;
PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.

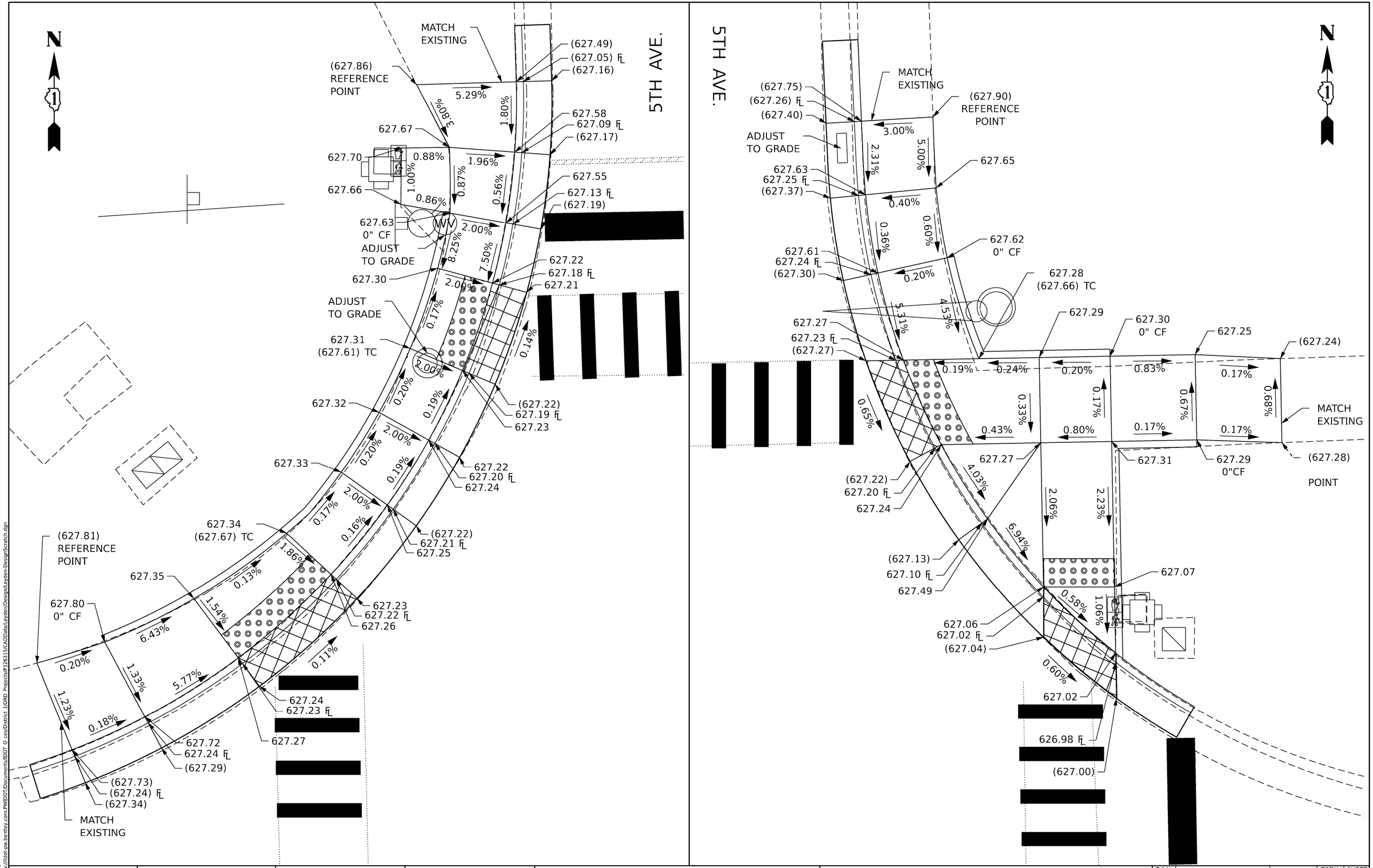
FILE NAME = pw://idot-pw.bentley.com:PWIDOT/Documents/IDOT Offices/District 1/ORD Projects/P1263 5th Ave to Leyden/Design/Leyden-DesignScr.dgn	USER NAME = Phillip.Steed	DESIGNED -	REVISED -
	PLOT SCALE = @SCALE@	DRAWN -	REVISED -
	PLOT DATE = 3/30/2025	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	48
		CONTRACT NO.: 62P93		
	ILLINOIS FED. AID PROJECT			



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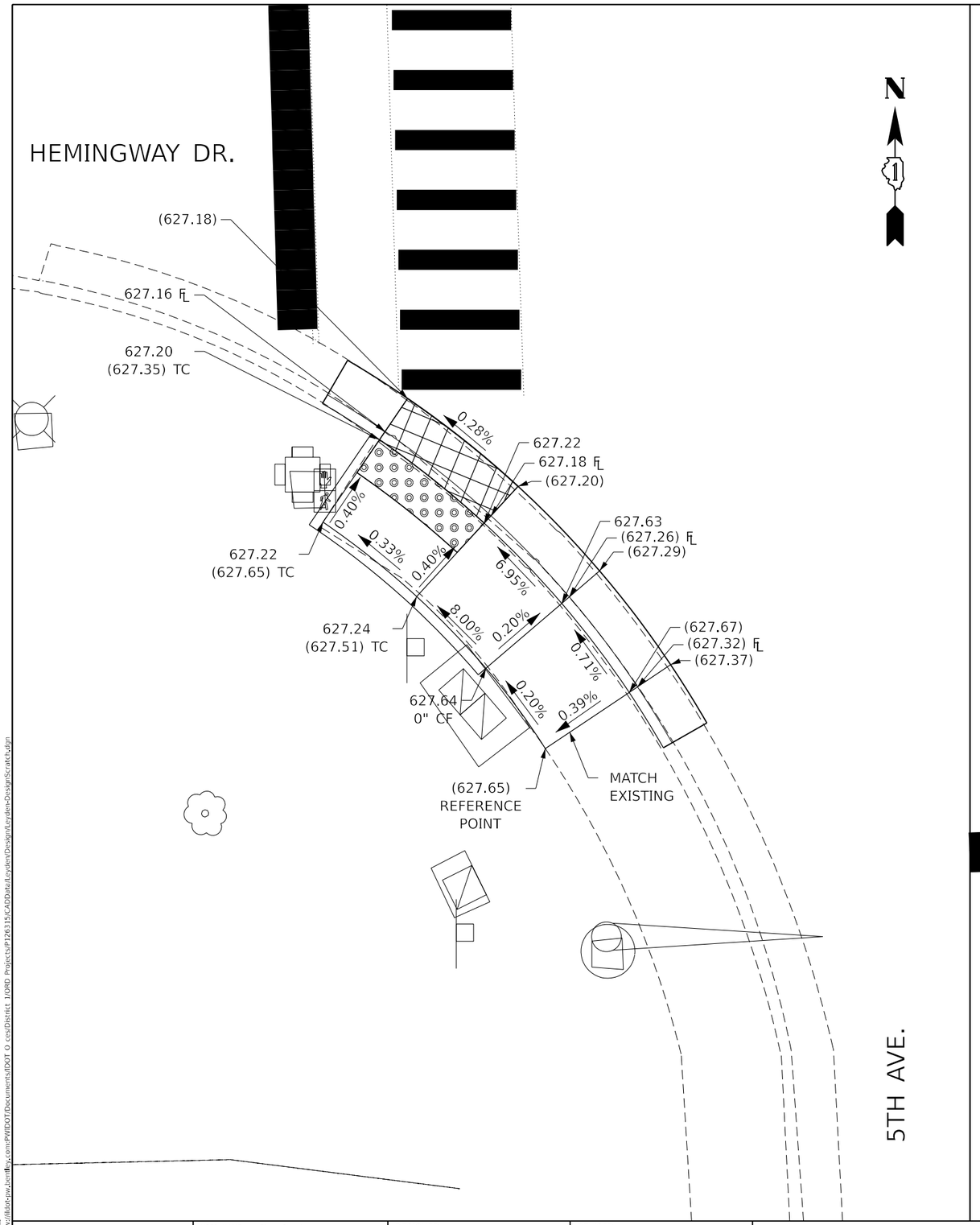
USER NAME = Phillip.Steed	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 3/30/2025	DATE -	REVISED -

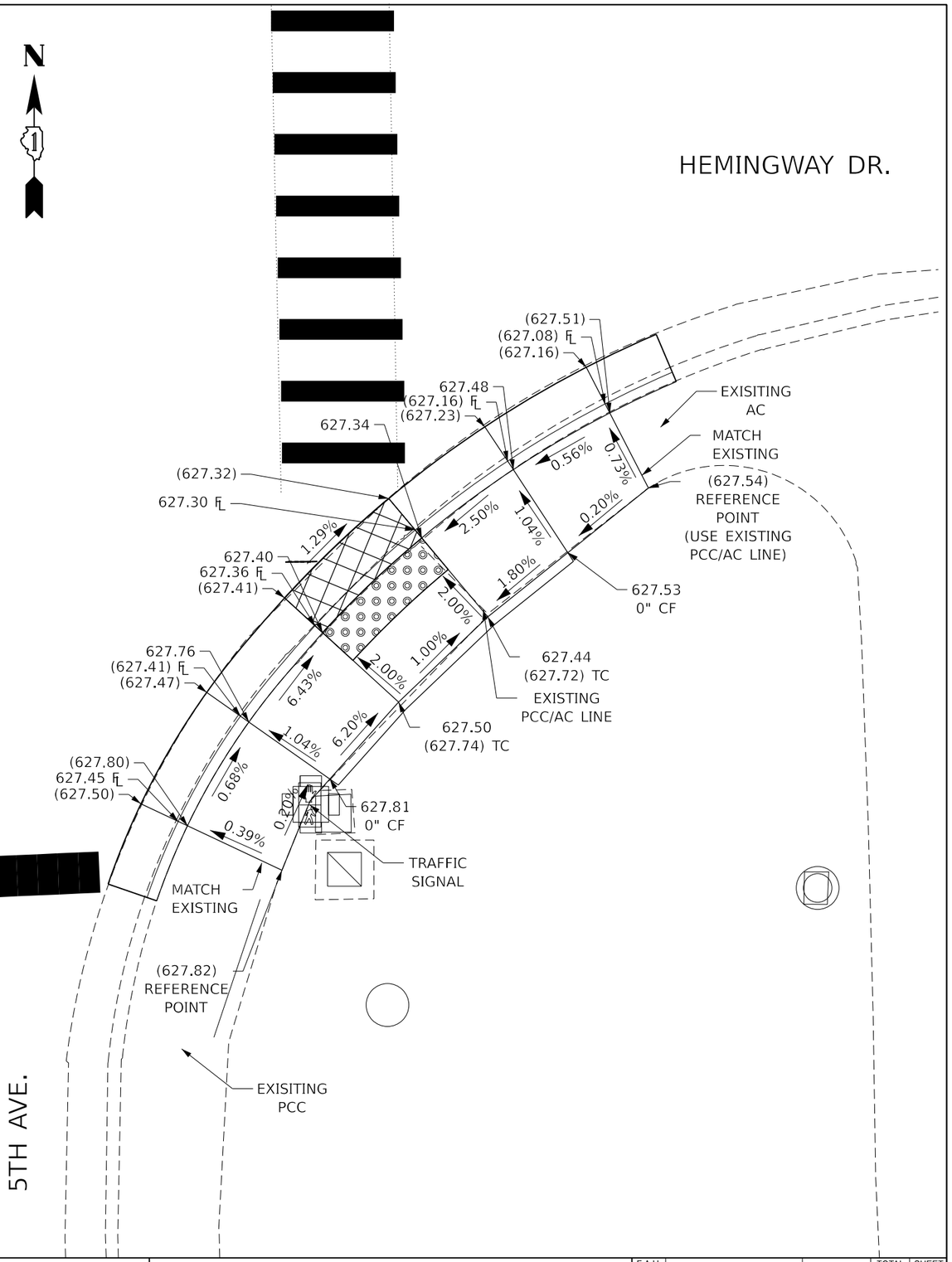
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	49
		CONTRACT NO.: 62P93		
		ILLINOIS	FED. AID PROJECT	





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USER NAME = Phillip.Steed	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 3/30/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

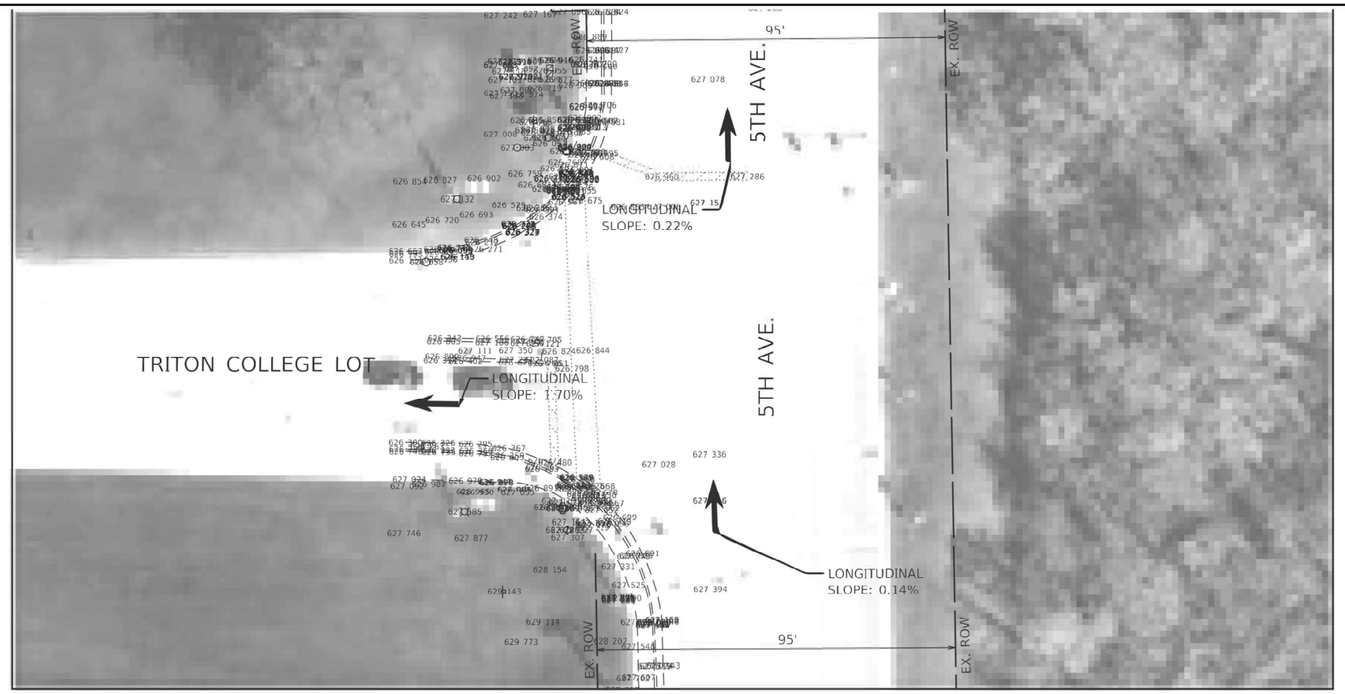
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	50
		CONTRACT NO.: 62P93		
		ILLINOIS	FED. AID PROJECT	



NORTHWEST CORNER



SOUTHWEST CORNER



EXISTING



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- COMBINATION CONRETE CURB AND GUTTER
- EXISTING R.O.W. LINE
- SINGLE POST SIGN
- ABOVE GROUND SPLICE BOX
- CONTROLLER BOX
- FIRE HYDRANT
- GUY POLE
- HANDHOLE
- LIGHT STANDARD
- MANHOLE
- POWER LINE
- TELEPHONE
- TRAFFIC SIGNAL
- VEGETATION OUTLINE
- SINGLE TREE OR BUSH

N

0 20 40 60

SCALE IN FEET

NOTE:
PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.

FILE NAME = pw://ildot-pw.bentley.com:PWIDOT/Documents/IDOT Offices/District 1/ORD Projects/P1263	USER NAME = Phillip.Steed	DESIGNED -	REVISED -
	PLOT SCALE = $SCALE$	DRAWN -	REVISED -
	PLOT DATE = 3/30/2025	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

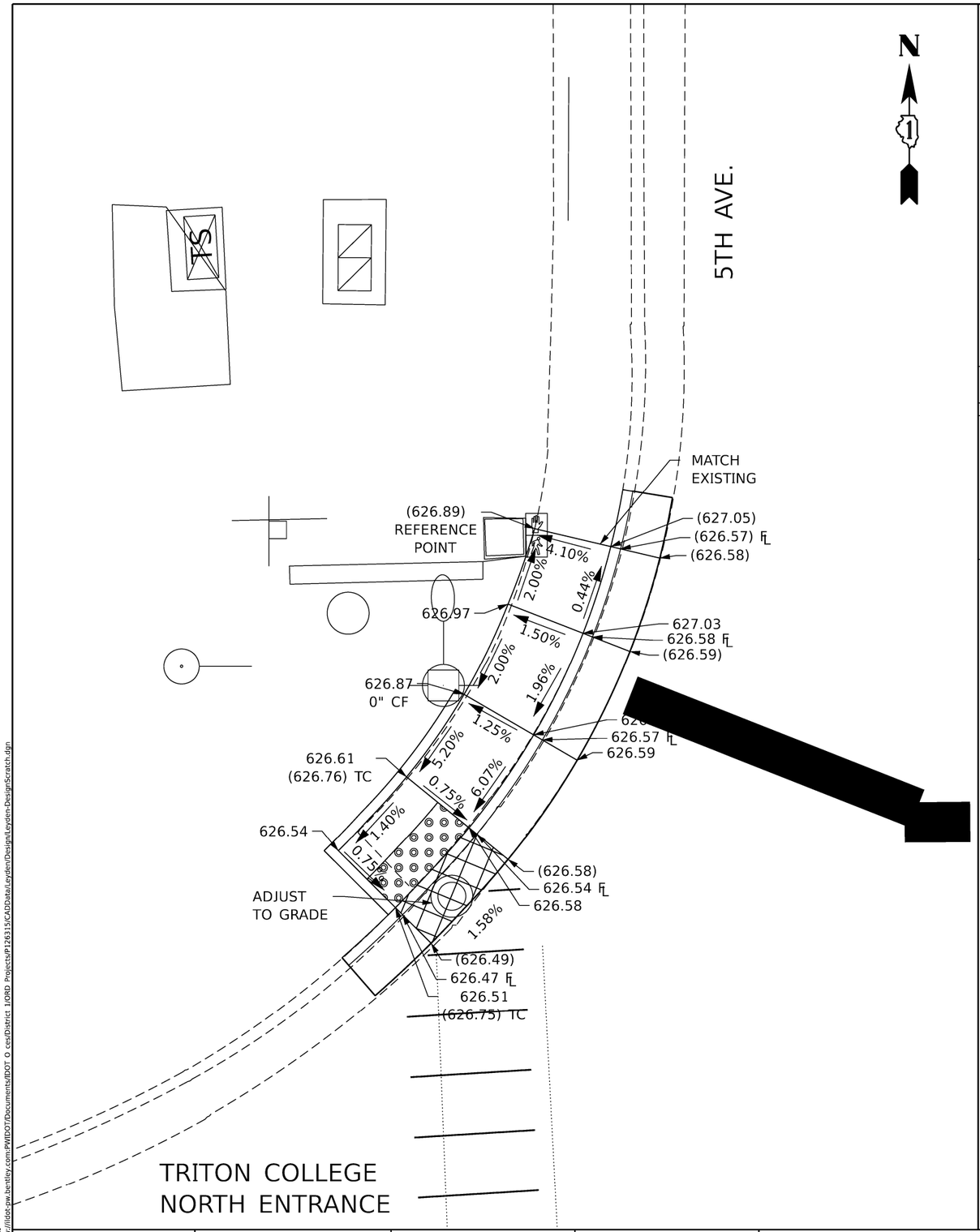
ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

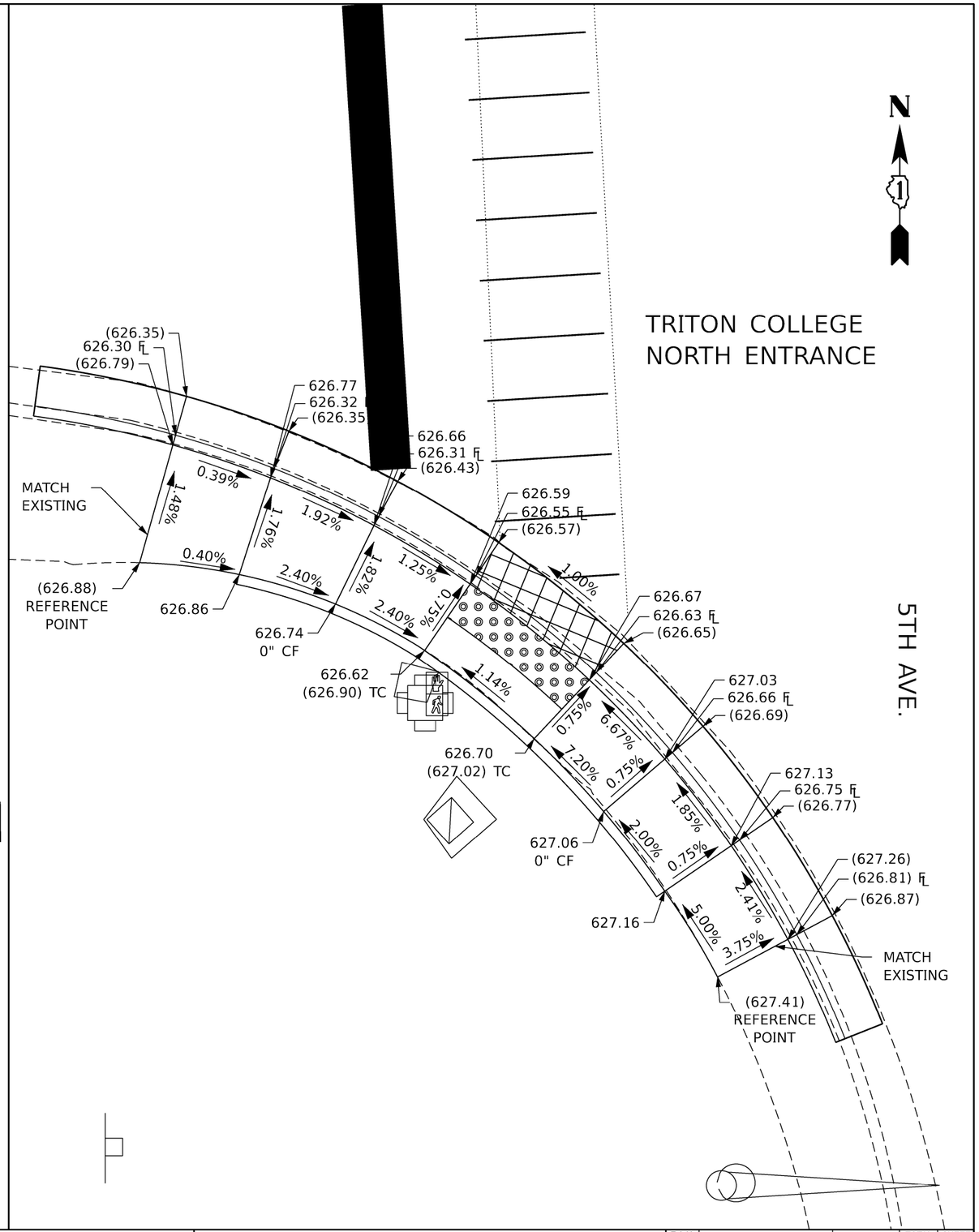
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	51

CONTRACT NO.: 62P93

ILLINOIS | FED. AID PROJECT





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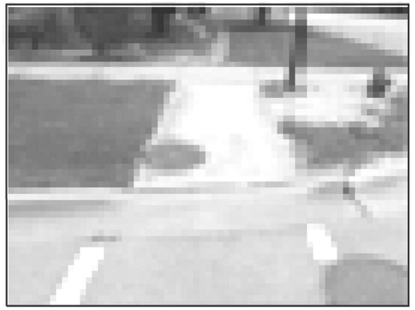
USER NAME = Phillip.Steed	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

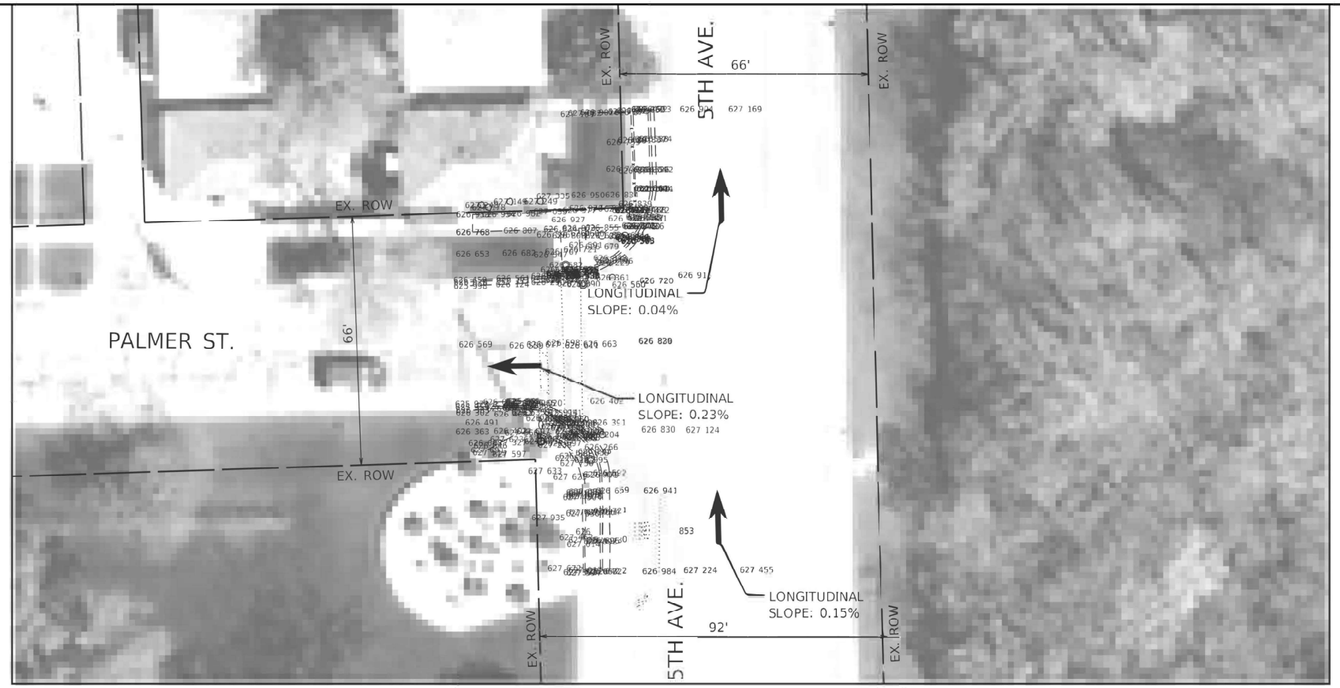
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	52
		CONTRACT NO.: 62P93		
		ILLINOIS	FED. AID PROJECT	



NORTHWEST CORNER



SOUTHWEST CORNER



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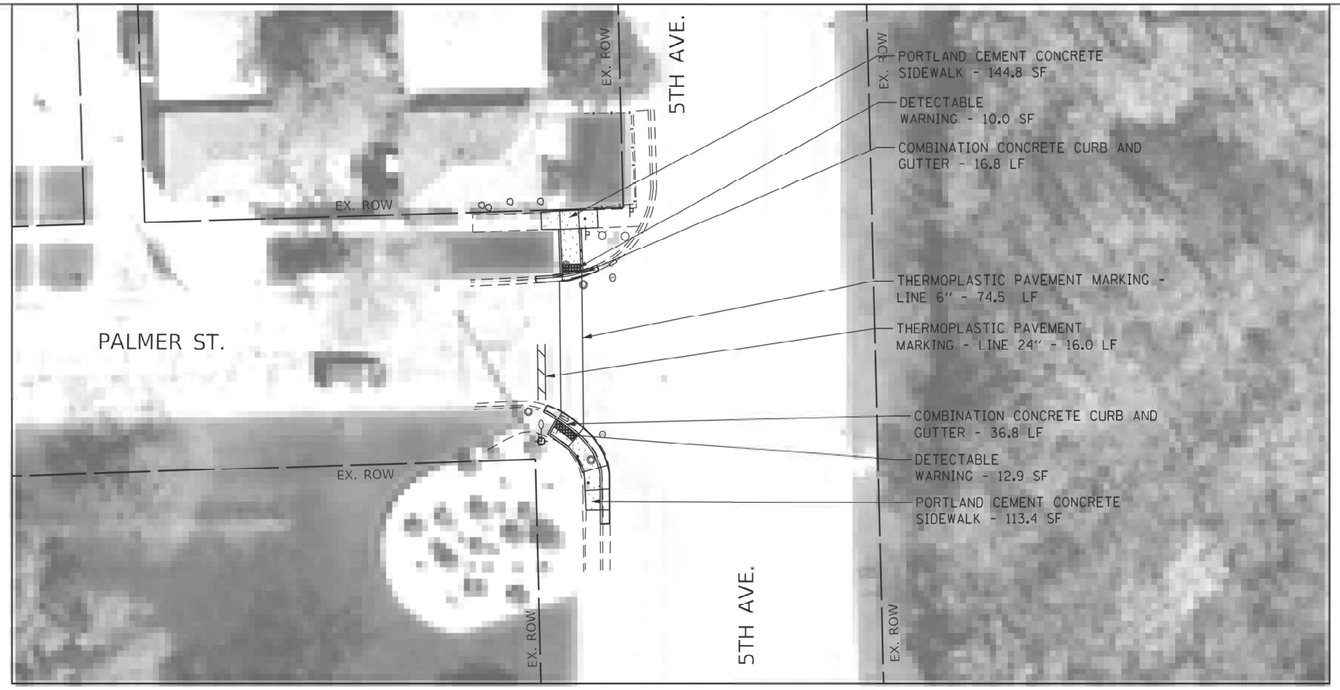


PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- COMBINATION CONRETE CURB AND GUTTER
- EXISTING R.O.W. LINE
- SINGLE POST SIGN
- ABOVE GROUND SPLICE BOX
- CONTROLLER BOX
- FIRE HYDRANT
- GUY POLE
- HANDHOLE
- LIGHT STANDARD
- MANHOLE
- POWER LINE
- TELEPHONE
- TRAFFIC SIGNAL
- VEGETATION OUTLINE
- SINGLE TREE OR BUSH

N

0 20 40 60

SCALE IN FEET

NOTE:
PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.

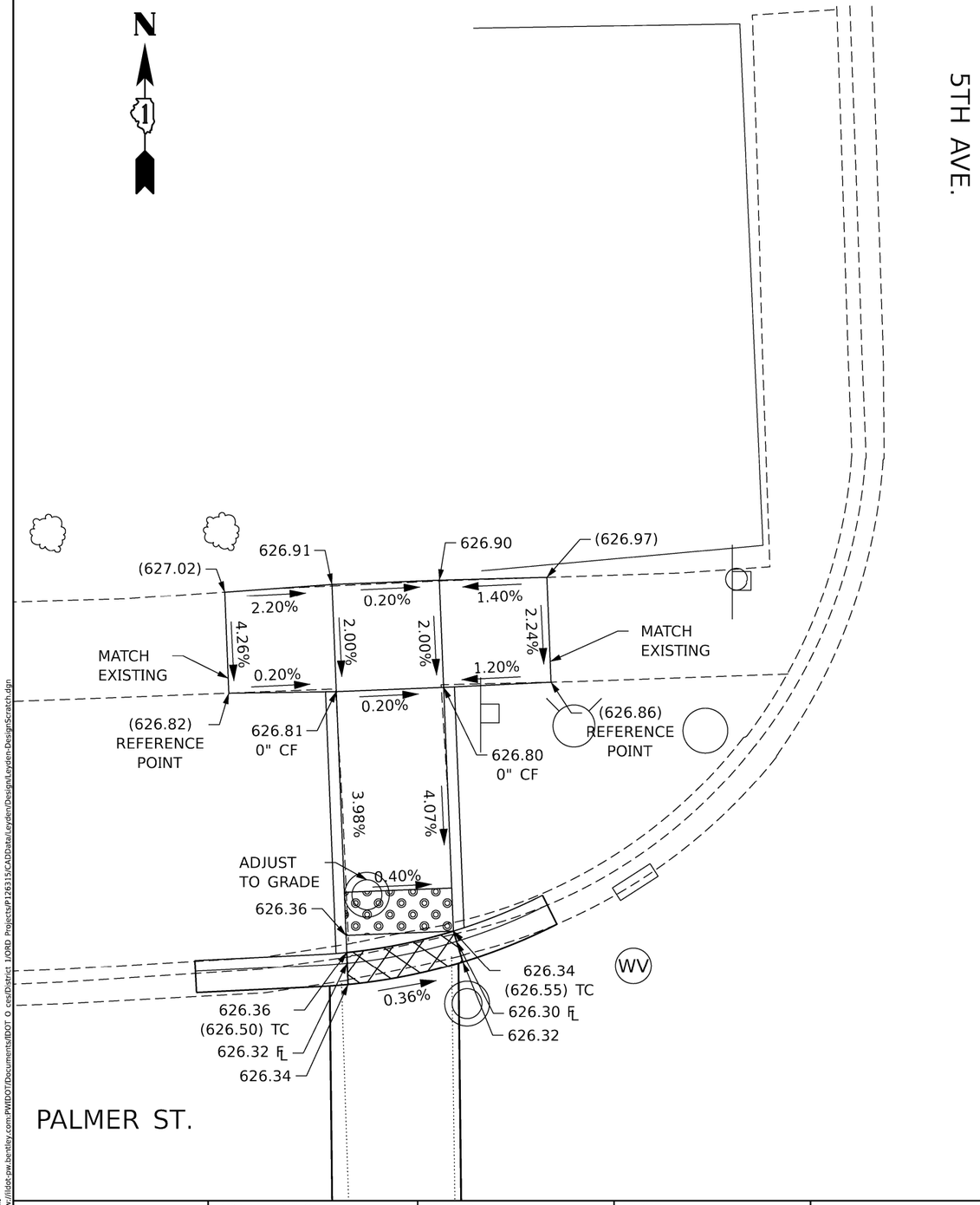
FILE NAME = pw://idot-pw.bentley.com:PWIDOT/Documents/IDOT Offices/District 1/ORD Projects/P1263 5th Ave to Leyden/Design/Leyden-DesignScr.dgn	USER NAME = Phillip.Steed	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = @SCALE@	CHECKED -	REVISED -
	PLOT DATE = 3/30/2025	DATE -	REVISED -

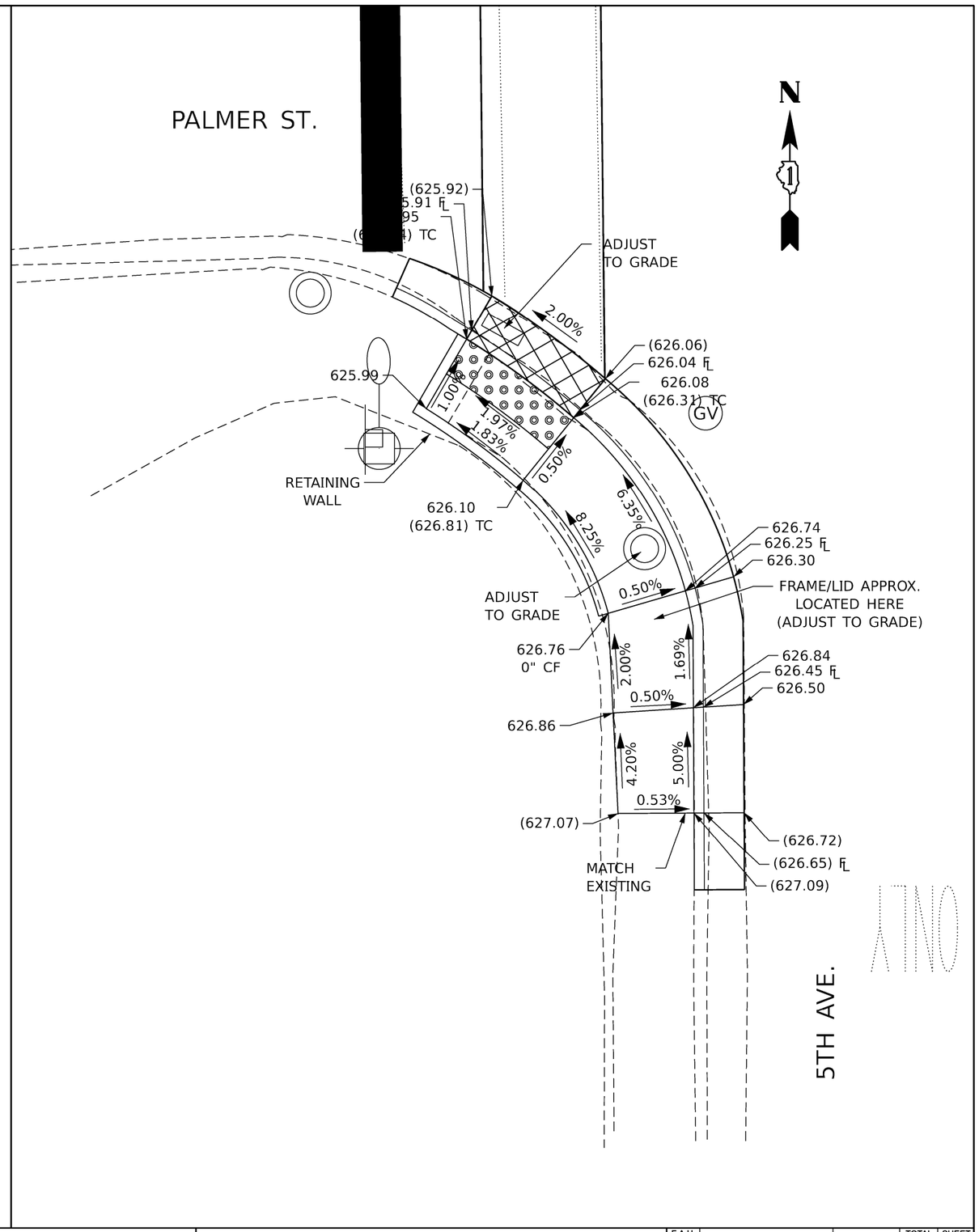
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	53
		CONTRACT NO.: 62P93		
		ILLINOIS FED. AID PROJECT		





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USER NAME = Phillip.Steed	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

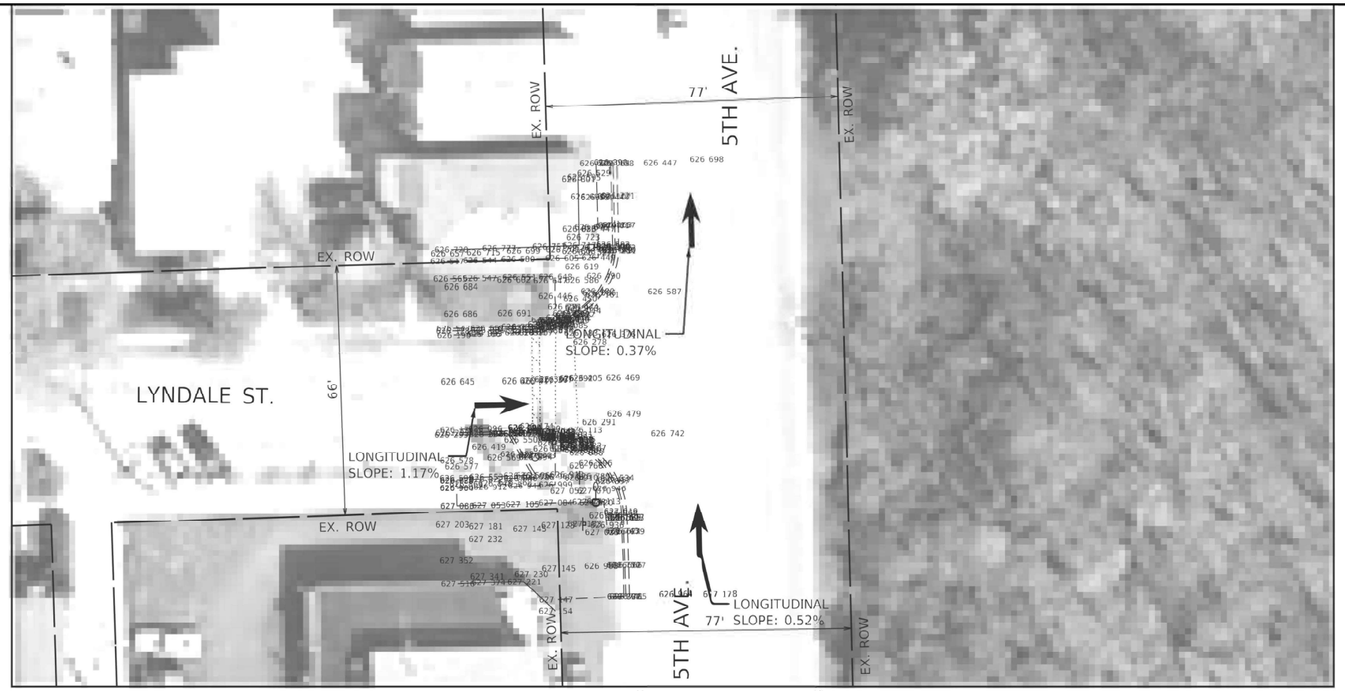
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	54
		CONTRACT NO.: 62P93		
		ILLINOIS	FED. AID PROJECT	



NORTHWEST CORNER



SOUTHWEST CORNER



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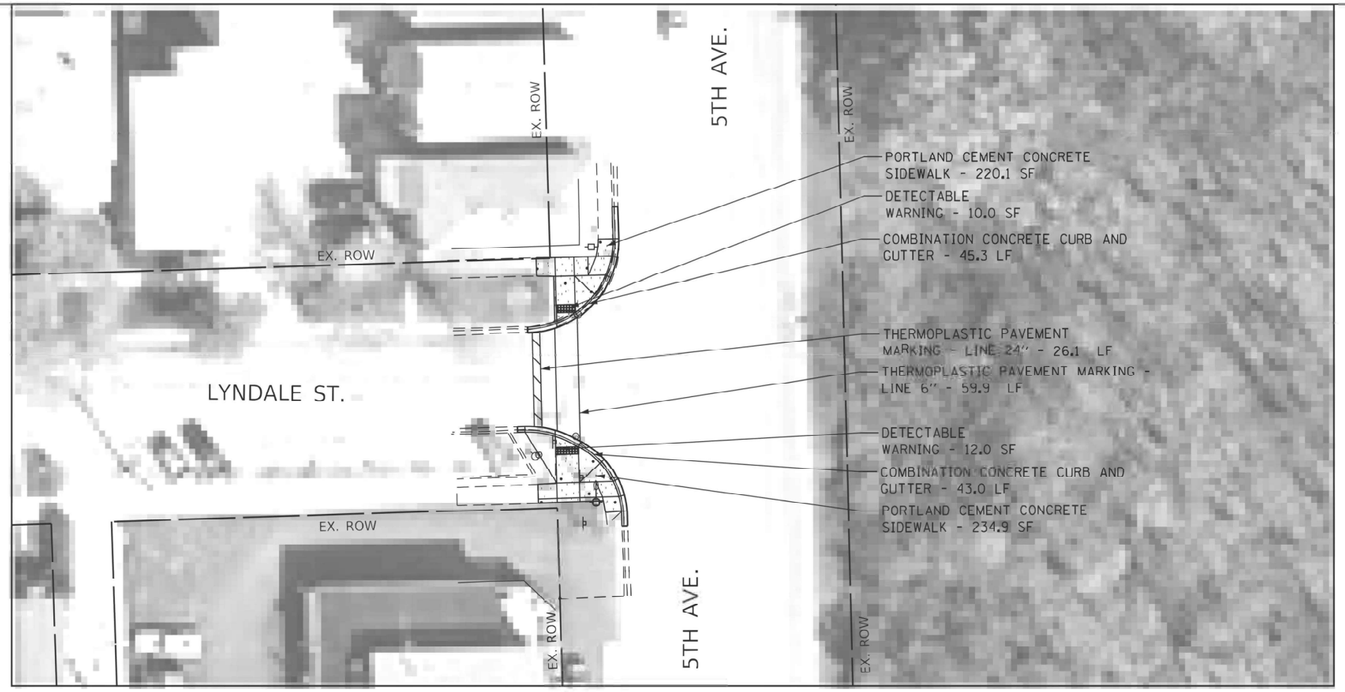


PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- COMBINATION CONRETE CURB AND GUTTER
- EXISTING R.O.W. LINE
- SINGLE POST SIGN
- ABOVE GROUND SPLICE BOX
- CONTROLLER BOX
- FIRE HYDRANT
- GUY POLE
- HANDHOLE
- LIGHT STANDARD
- MANHOLE
- POWER LINE
- TELEPHONE
- TRAFFIC SIGNAL
- VEGETATION OUTLINE
- SINGLE TREE OR BUSH

N

0 20 40 60

SCALE IN FEET

NOTE:
PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.

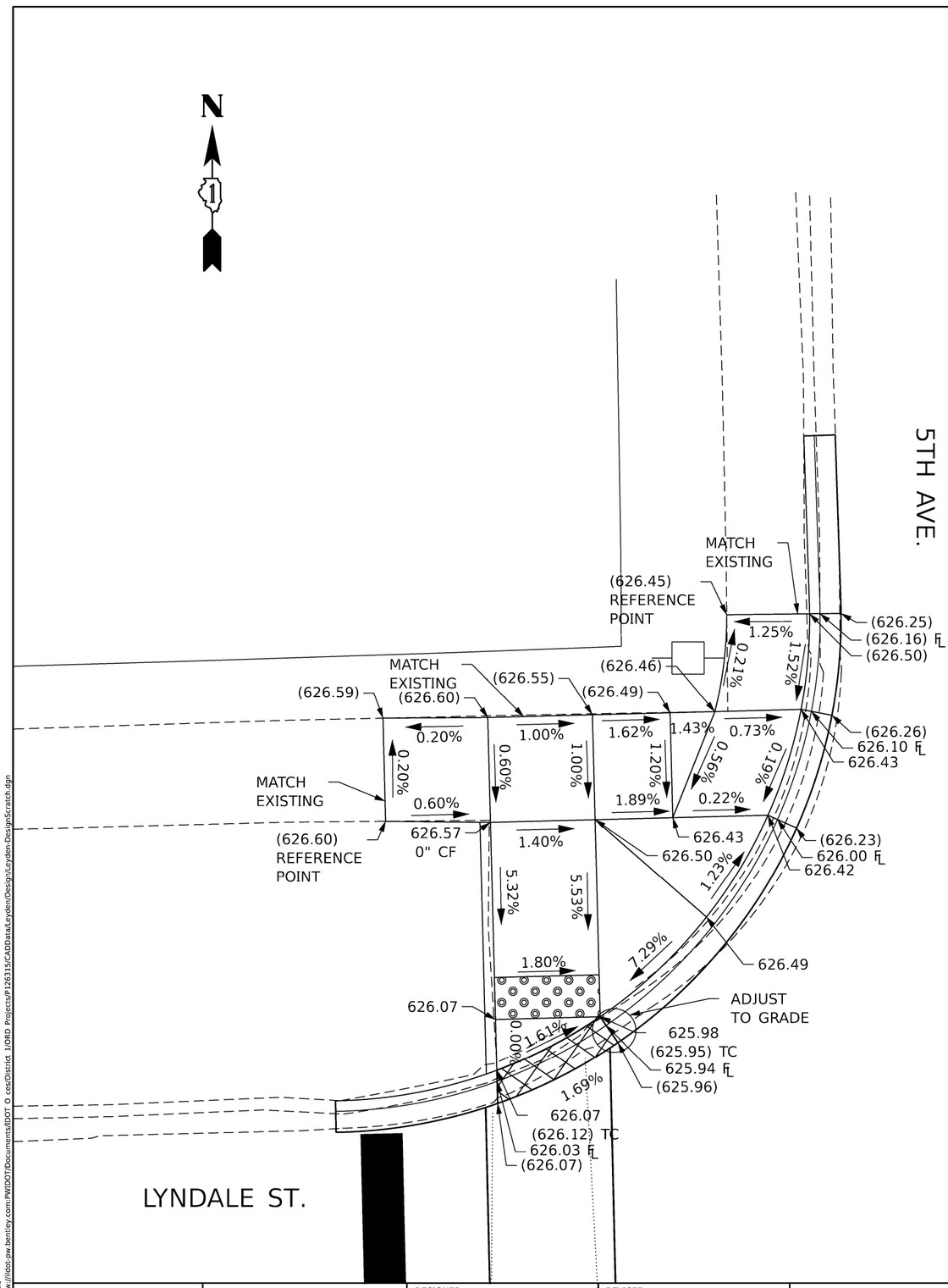
FILE NAME = pw://idot-pw.bentley.com:PWIDOT/Documents/IDOT Offices/District 1/ORD Projects/P1263 5th Ave/Leyden/Design/Leyden-DesignScenario.dgn	USER NAME = Phillip.Steed	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = @SCALE@	CHECKED -	REVISED -
	PLOT DATE = 3/30/2025	DATE -	REVISED -

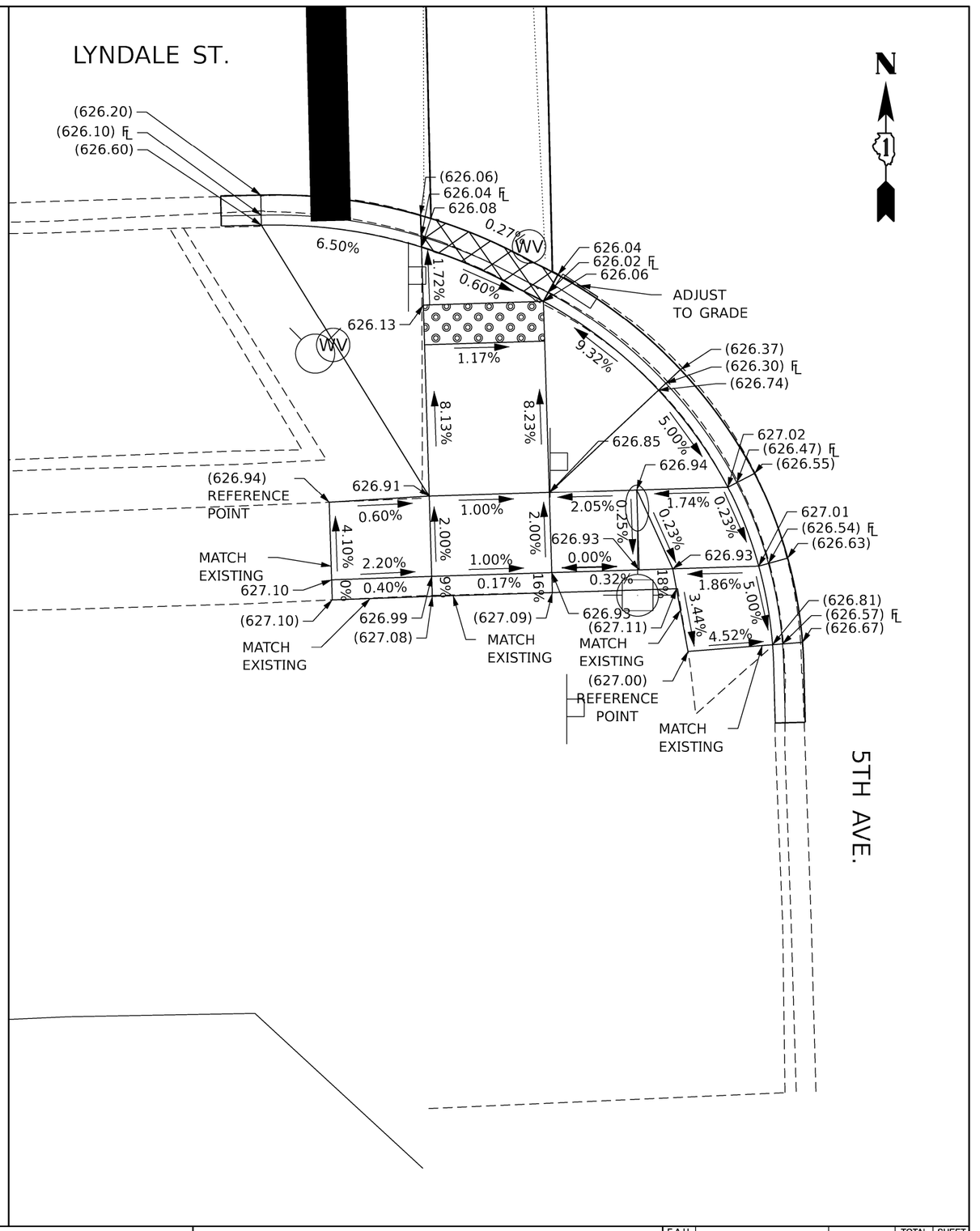
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	55
		CONTRACT NO.: 62P93		
		ILLINOIS FED. AID PROJECT		





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USER NAME = Phillip.Steed	DESIGNED -	REVISED -
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PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

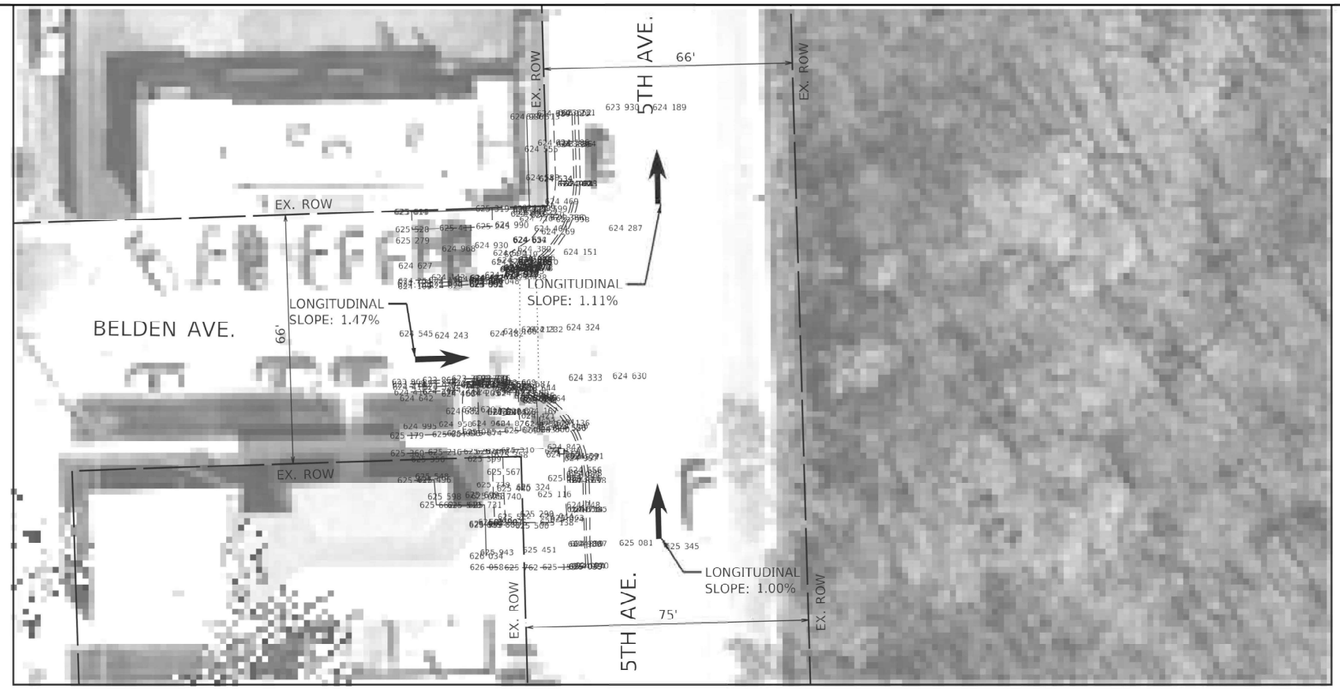
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	56
		CONTRACT NO.: 62P93		
	ILLINOIS FED. AID PROJECT			



NORTHWEST CORNER



SOUTHWEST CORNER



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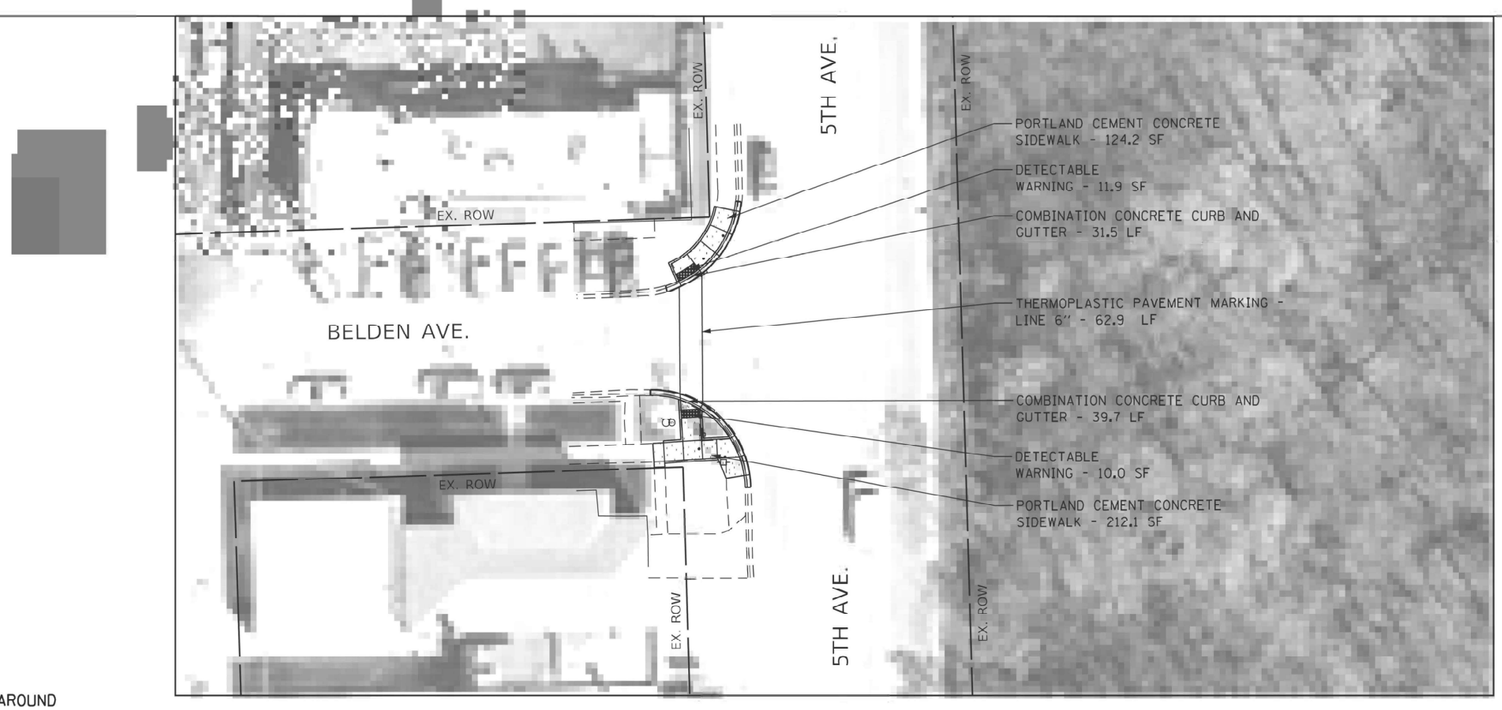

PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- COMBINATION CONRETE CURB AND GUTTER
- EXISTING R.O.W. LINE
- SINGLE POST SIGN
- ABOVE GROUND SPLICE BOX
- CONTROLLER BOX
- FIRE HYDRANT
- GUY POLE
- HANDHOLE
- LIGHT STANDARD
- MANHOLE
- POWER LINE
- TELEPHONE
- TRAFFIC SIGNAL
- VEGETATION OUTLINE
- SINGLE TREE OR BUSH

N

0 20 40 60

SCALE IN FEET

NOTE:
PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.

FILE NAME = pw://ildot-pw.bentley.com:PWIDOT/Documents/IDOT Offices/District 1/ORD Projects/P1263	USER NAME = Phillip.Steed	DESIGNED -	REVISED -
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	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

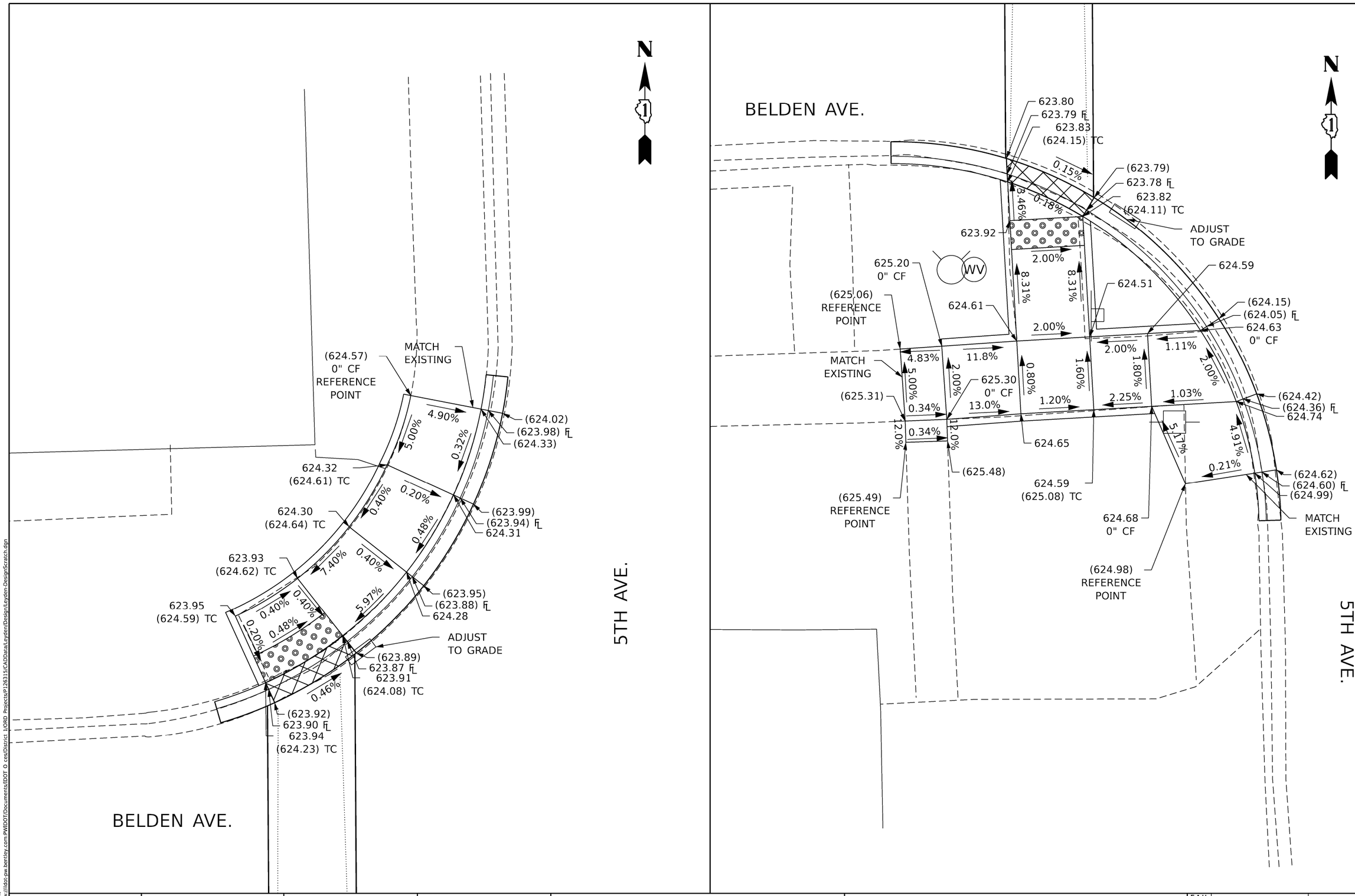
ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	57

CONTRACT NO.: 62P93

ILLINOIS FED. AID PROJECT



USER NAME = Phillip.Steed	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 3/30/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	58
		CONTRACT NO.: 62P93		
	ILLINOIS	FED. AID PROJECT		

MODEL: Default
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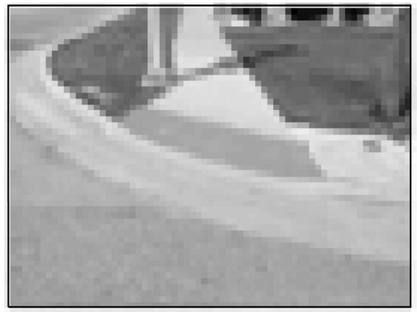
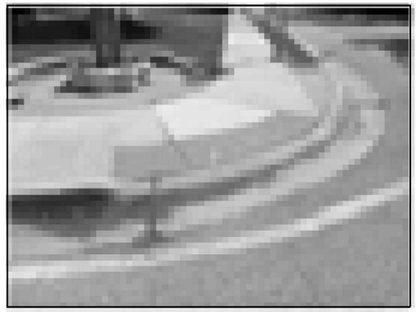


NORTHWEST CORNER





NORTHEAST CORNER

EXISTING



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- COMBINATION CONRETE CURB AND GUTTER
- EXISTING R.O.W. LINE
- SINGLE POST SIGN
- ABOVE GROUND SPLICE BOX
- CONTROLLER BOX
- FIRE HYDRANT
- GUY POLE
- HANDHOLE
- LIGHT STANDARD
- MANHOLE
- POWER LINE
- TELEPHONE
- TRAFFIC SIGNAL
- VEGETATION OUTLINE
- SINGLE TREE OR BUSH

N

0 20 40 60

SCALE IN FEET

NOTE:
PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.

FILE NAME = pw://ildot-pw.bentley.com:PWIDOT/Documents/IDOT Offices/District 1/ORD Projects/P1263	USER NAME = Phillip.Steed	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

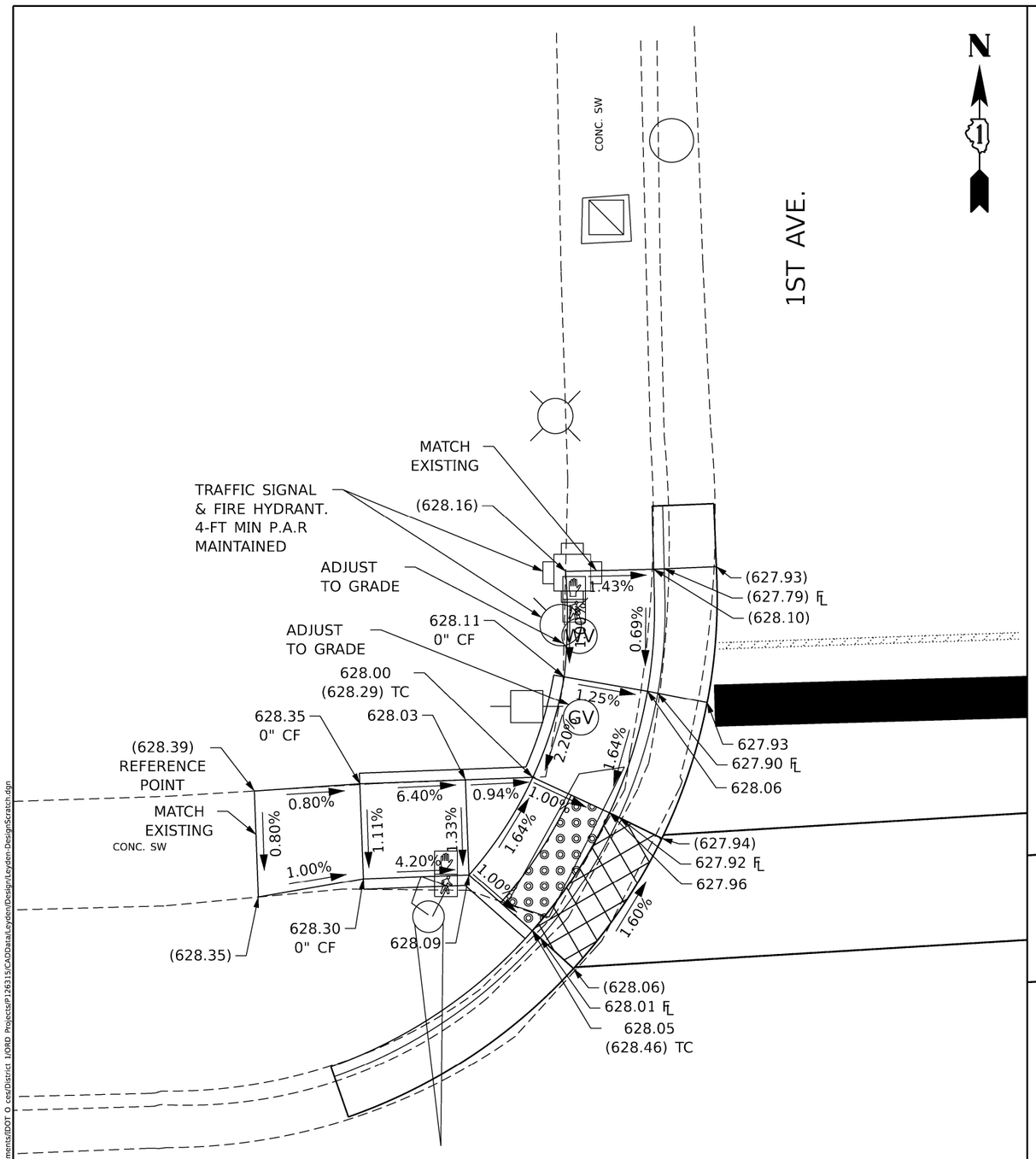
ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

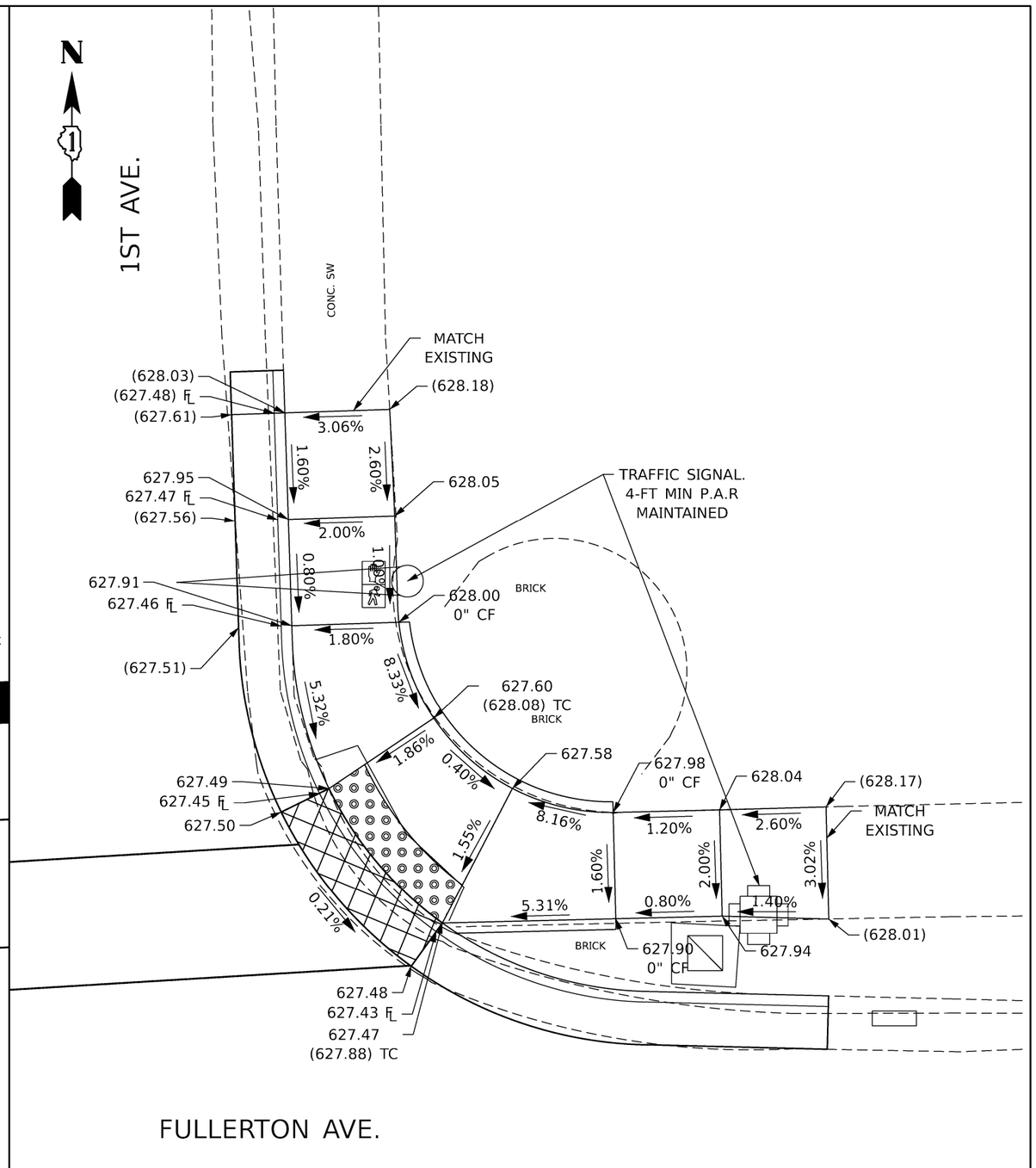
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	59

CONTRACT NO.: 62P93

ILLINOIS FED. AID PROJECT





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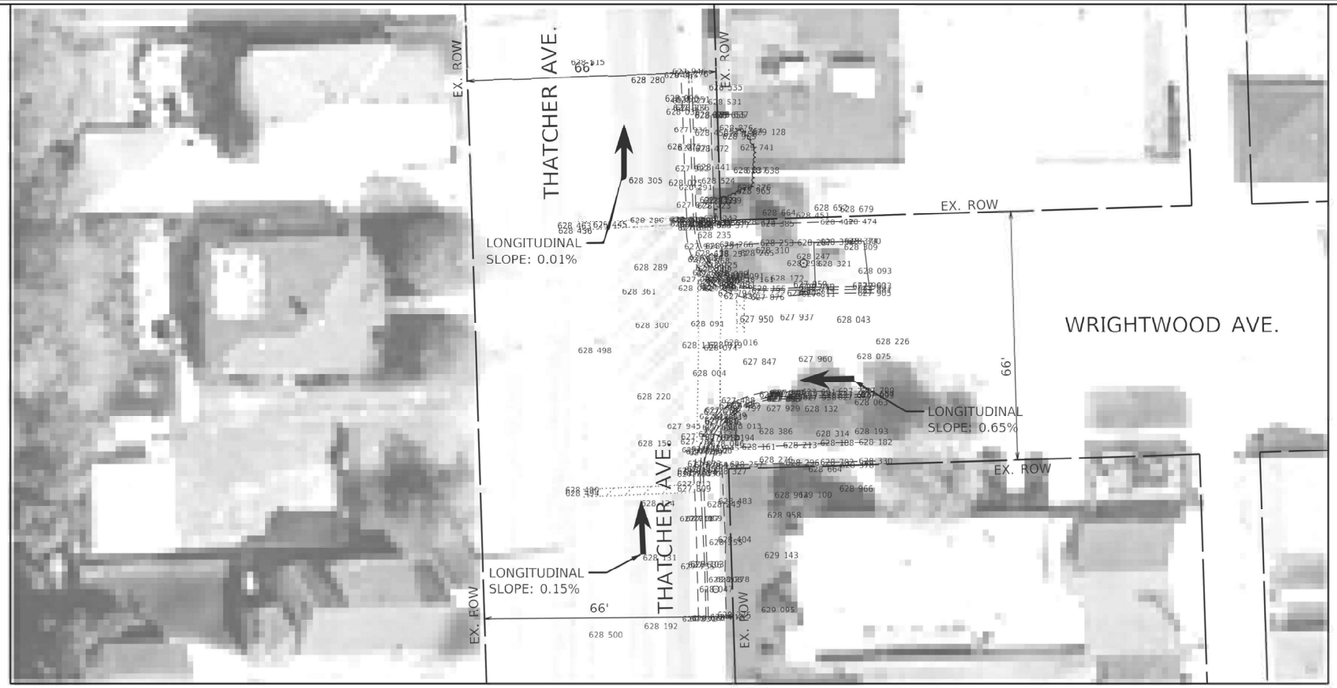
USER NAME = Phillip.Steed	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

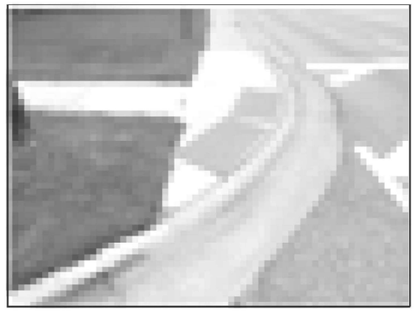
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	60
		CONTRACT NO.: 62P93		
	ILLINOIS	FED. AID PROJECT		



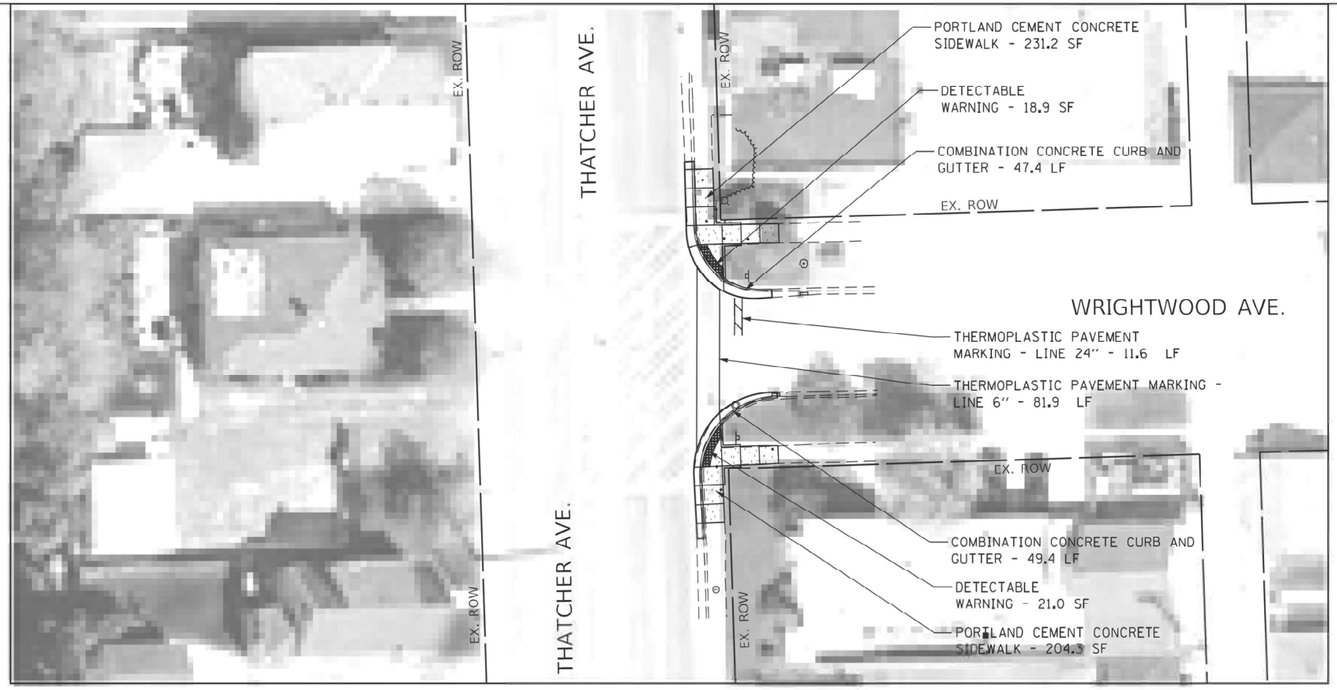


NORTHEAST CORNER



SOUTHEAST CORNER

EXISTING



LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- COMBINATION CONRETE CURB AND GUTTER
- EXISTING R.O.W. LINE
- SINGLE POST SIGN
- ABOVE GROUND SPLICE BOX
- CONTROLLER BOX
- FIRE HYDRANT
- GUY POLE
- HANDHOLE
- LIGHT STANDARD
- MANHOLE
- POWER LINE
- TELEPHONE
- TRAFFIC SIGNAL
- VEGETATION OUTLINE
- SINGLE TREE OR BUSH

N

0 20 40 60

SCALE IN FEET

PROPOSED

NOTE:
PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.

FILE NAME = pw://ildot-pw.bentley.com:PWIDOT/Documents/IDOT Offices/District 1/ORD Projects/P1263	USER NAME = Phillip.Steed	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

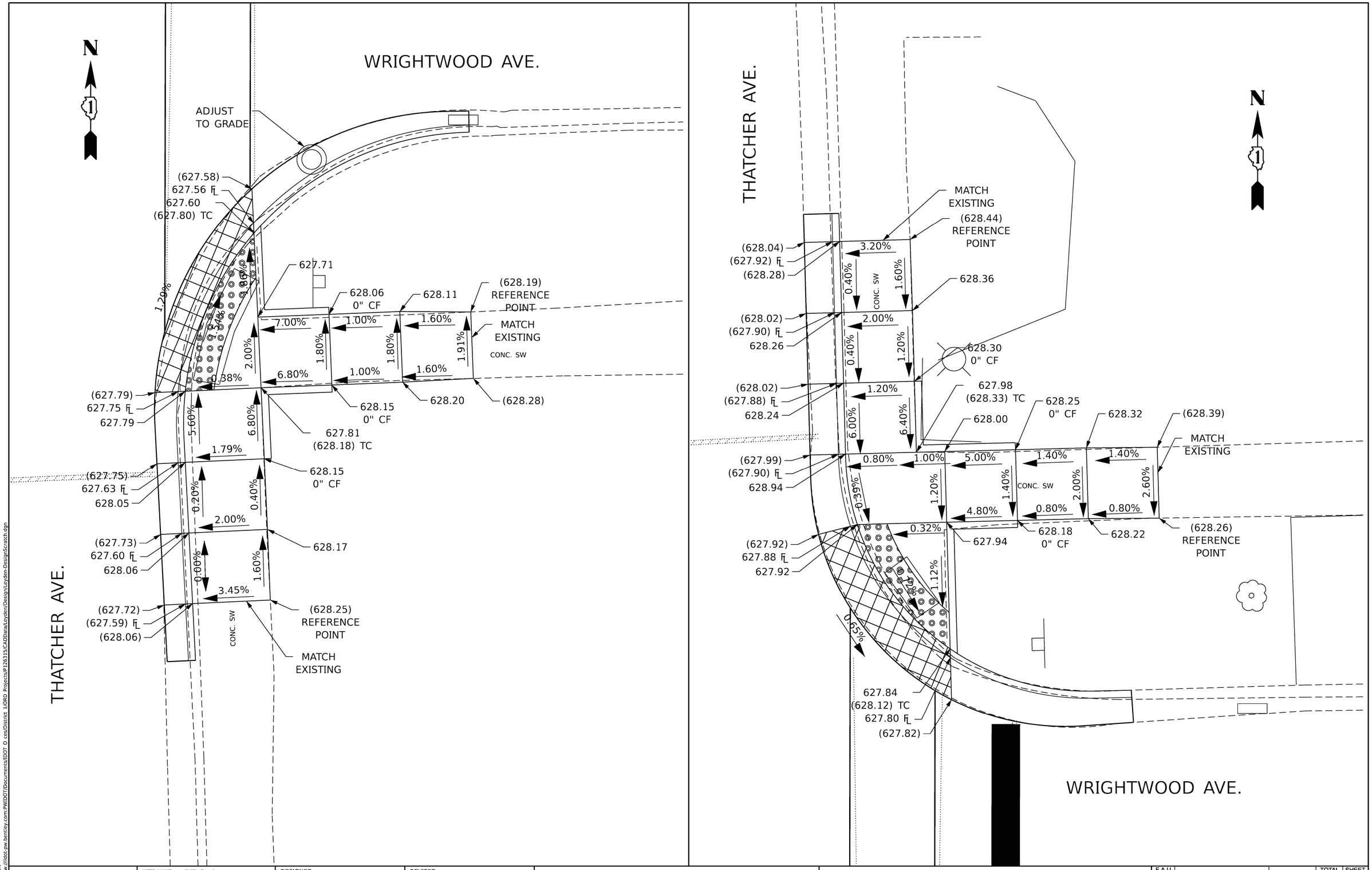
ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	61

CONTRACT NO.: 62P93

ILLINOIS FED. AID PROJECT



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USER NAME = Phillip.Steed	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

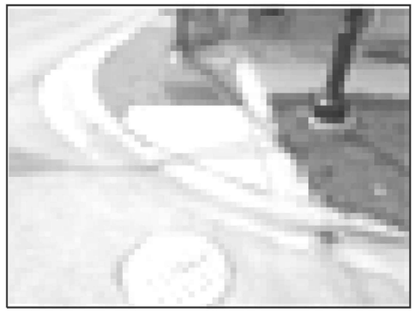
ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

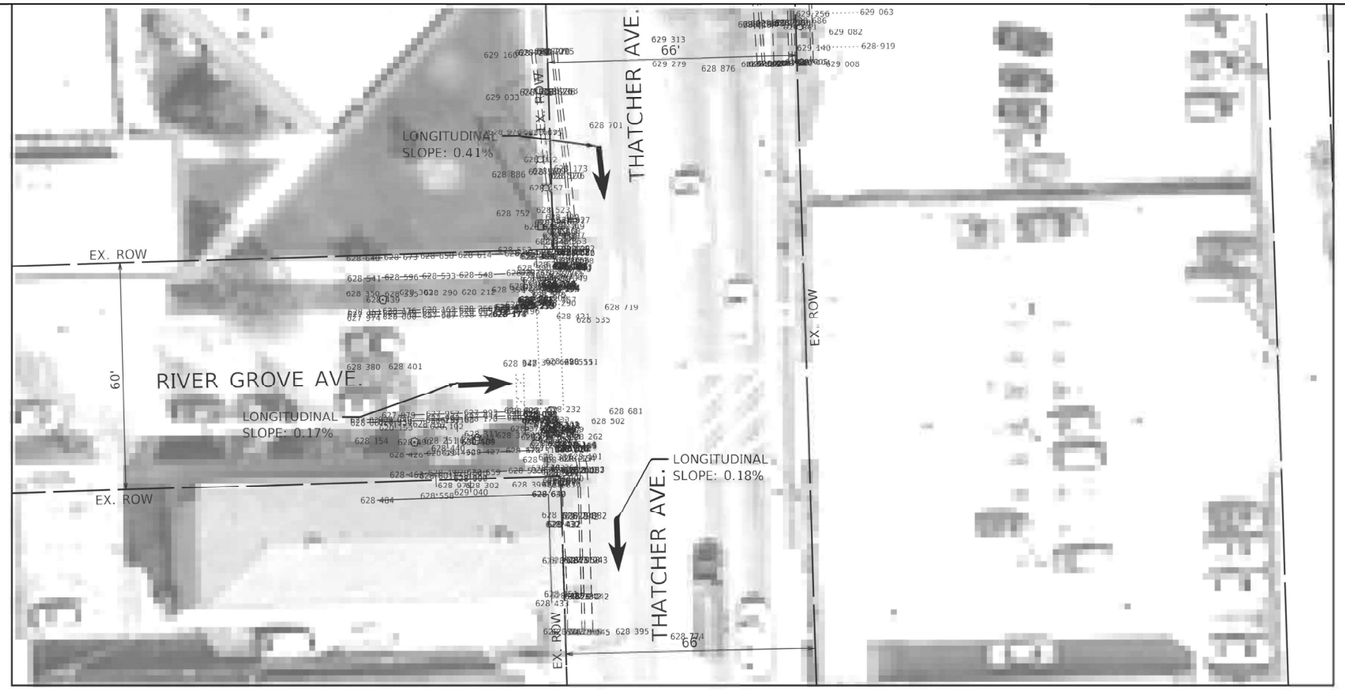
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	62
		CONTRACT NO.: 62P93		
	ILLINOIS	FED. AID PROJECT		



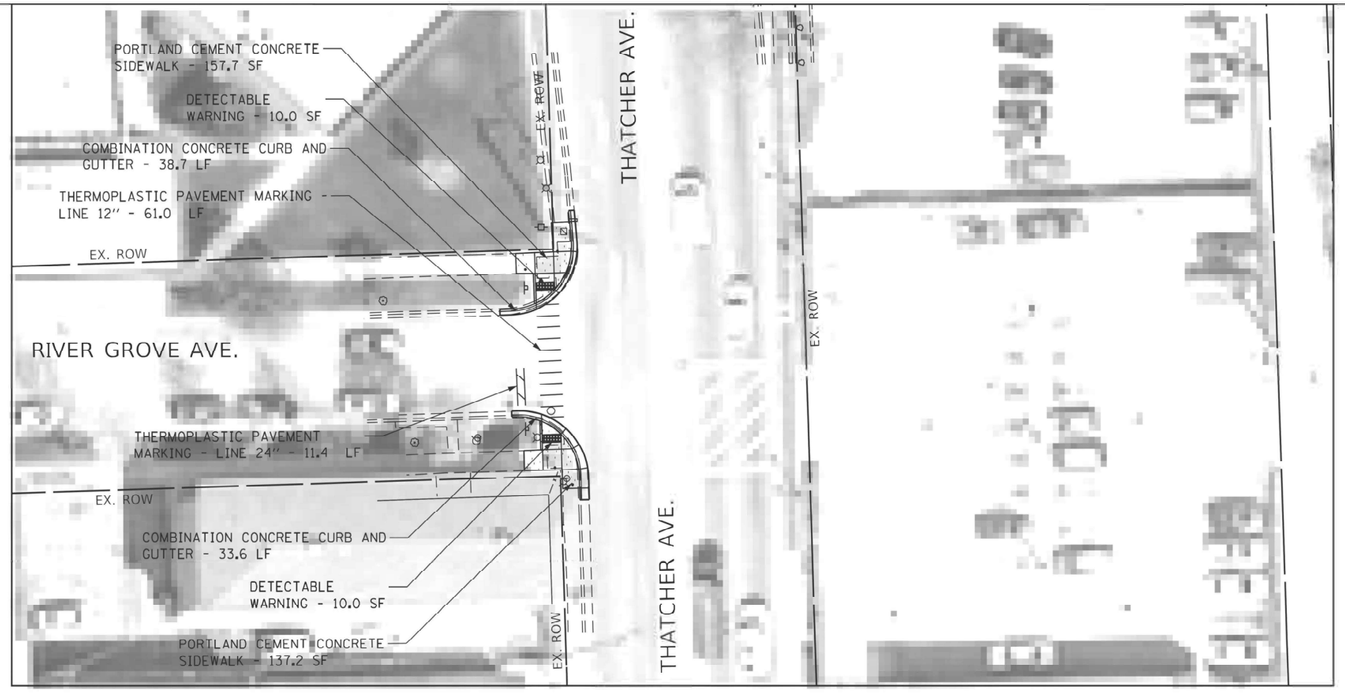
NORTHWEST CORNER



SOUTHWEST CORNER



EXISTING



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- COMBINATION CONRETE CURB AND GUTTER
- EXISTING R.O.W. LINE
- SINGLE POST SIGN
- ABOVE GROUND SPLICE BOX
- CONTROLLER BOX
- FIRE HYDRANT
- GUY POLE
- HANDHOLE
- LIGHT STANDARD
- MANHOLE
- POWER LINE
- TELEPHONE
- TRAFFIC SIGNAL
- VEGETATION OUTLINE
- SINGLE TREE OR BUSH

N

0 20 40 60

SCALE IN FEET

NOTE:
PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.

FILE NAME = pw://ildot-pw.bentley.com:PWIDOT/Documents/IDOT Offices/District 1/ORD Projects/P1263 5/Drawings/Leyden/Design/Leyden-DesignScratch.dgn	USER NAME = Phillip.Steed	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

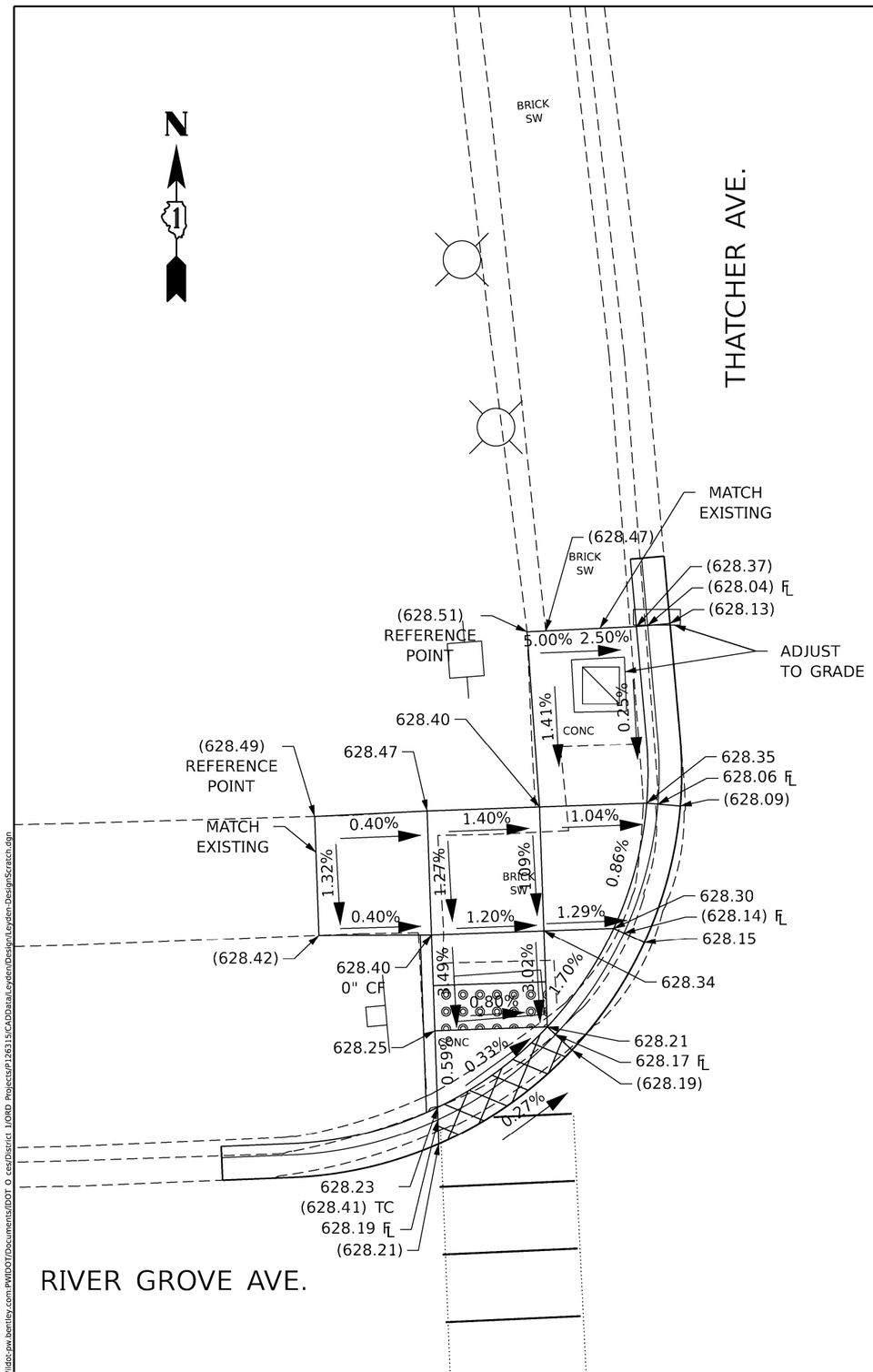
ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

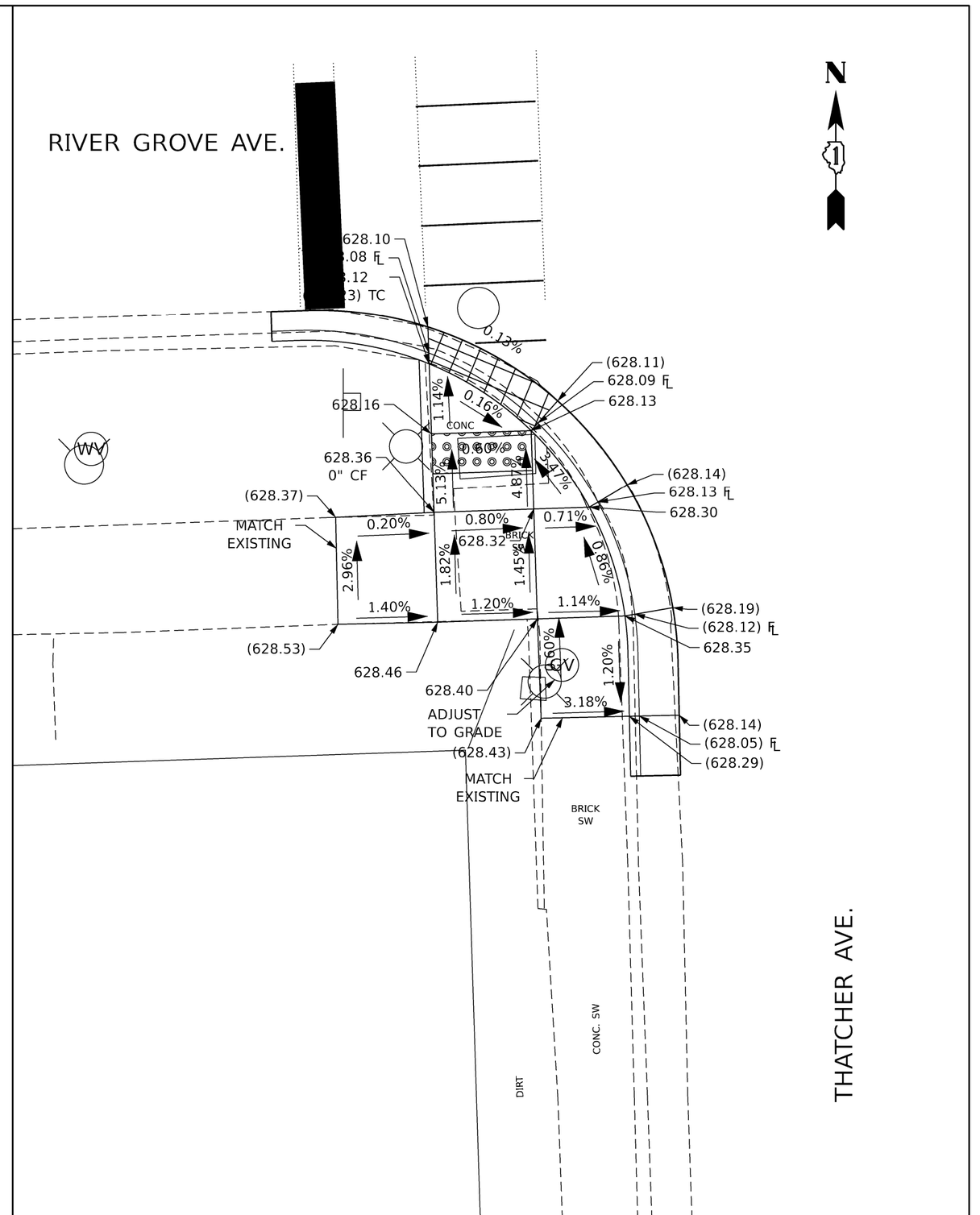
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	63

CONTRACT NO.: 62P93

ILLINOIS | FED. AID PROJECT





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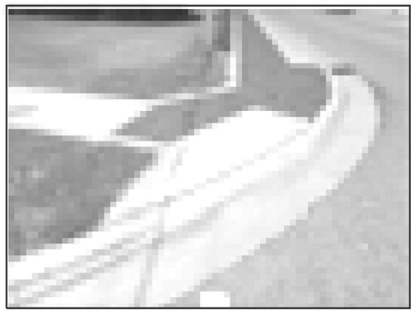
USER NAME = Phillip.Steed	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

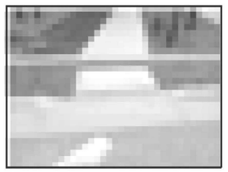
ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

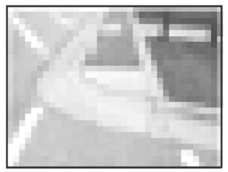
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	64
		CONTRACT NO.: 62P93		
	ILLINOIS	FED. AID PROJECT		

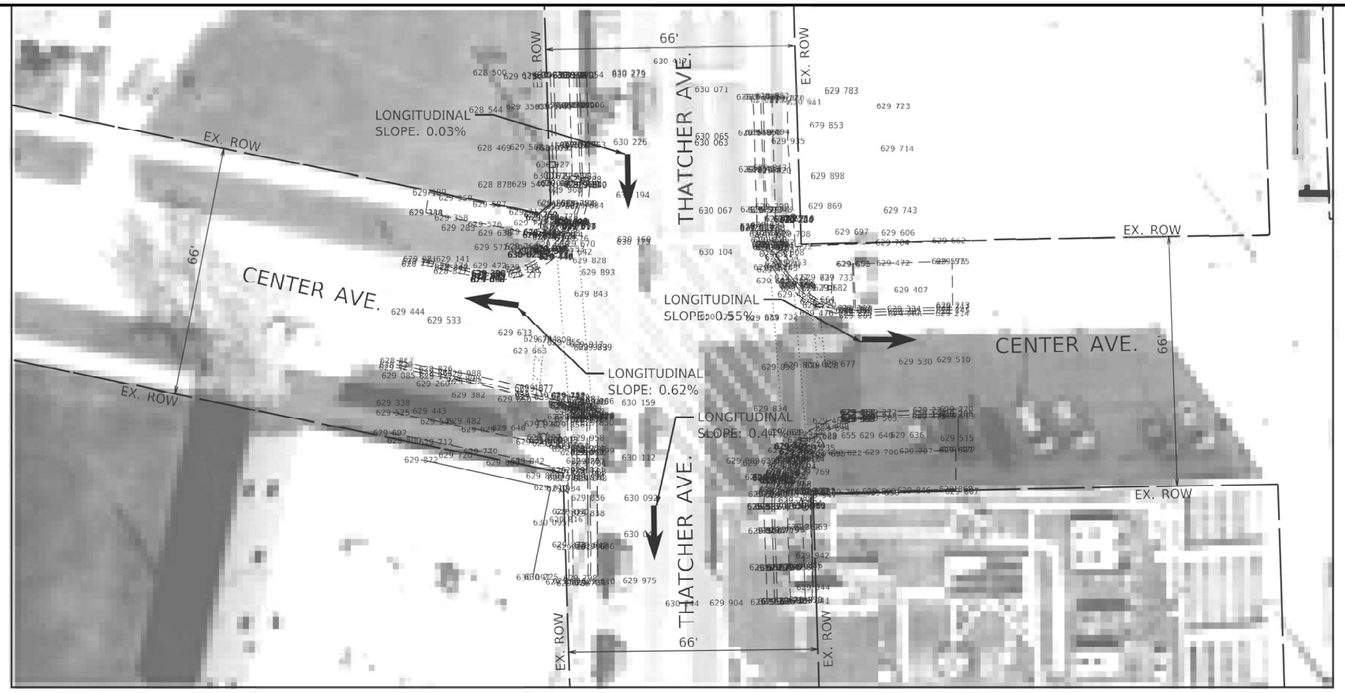


NORTHWEST CORNER





SOUTHWEST CORNER



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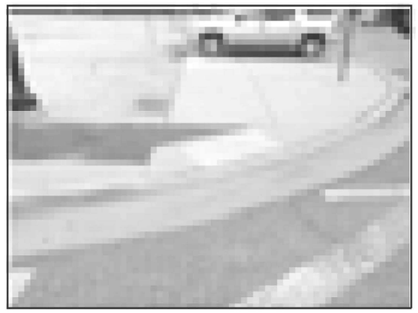
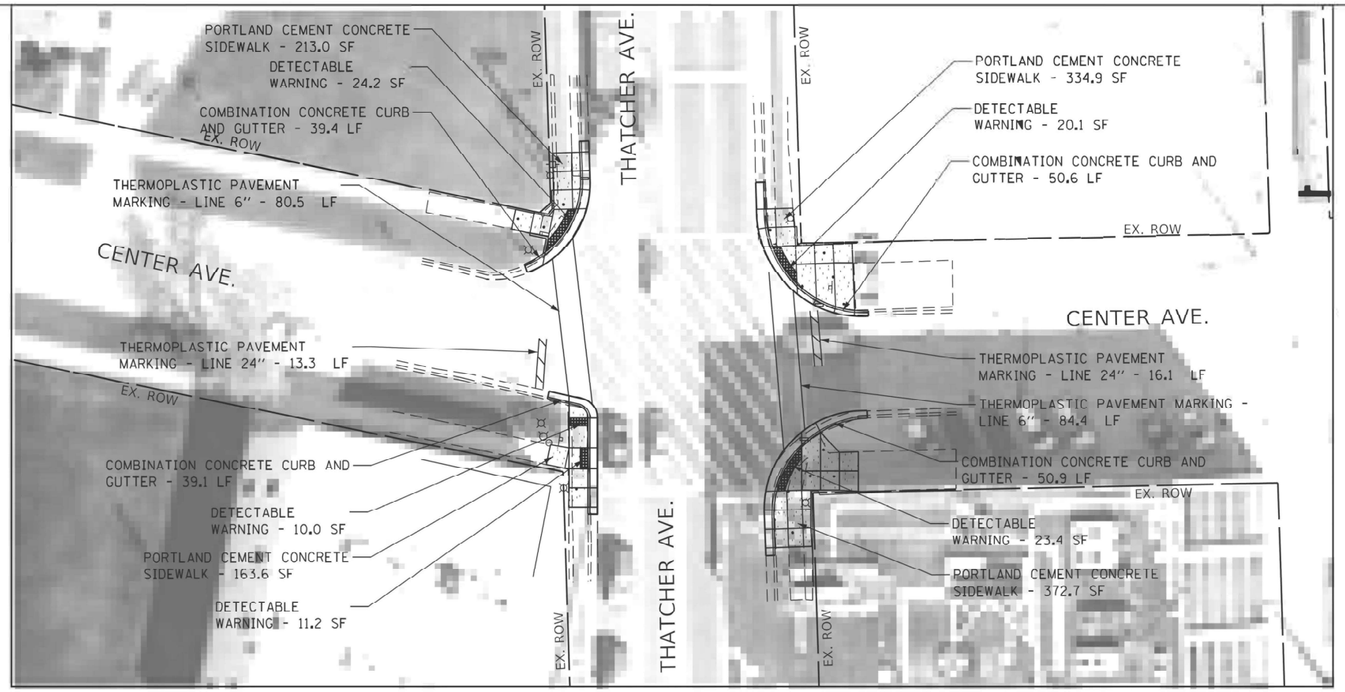


NORTHEAST CORNER





SOUTHEAST CORNER



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- COMBINATION CONRETE CURB AND GUTTER
- EXISTING R.O.W. LINE
- SINGLE POST SIGN
- ABOVE GROUND SPLICE BOX
- CONTROLLER BOX
- FIRE HYDRANT
- GUY POLE
- HANDHOLE
- LIGHT STANDARD
- MANHOLE
- POWER LINE
- TELEPHONE
- TRAFFIC SIGNAL
- VEGETATION OUTLINE
- SINGLE TREE OR BUSH

N

0 20 40 60

SCALE IN FEET

NOTE:
PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.

FILE NAME = pw://ildot-pw.bentley.com:PWIDOT/Documents/IDOT Offices/District 1/ORD Projects/P1263	USER NAME = Phillip.Steed	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

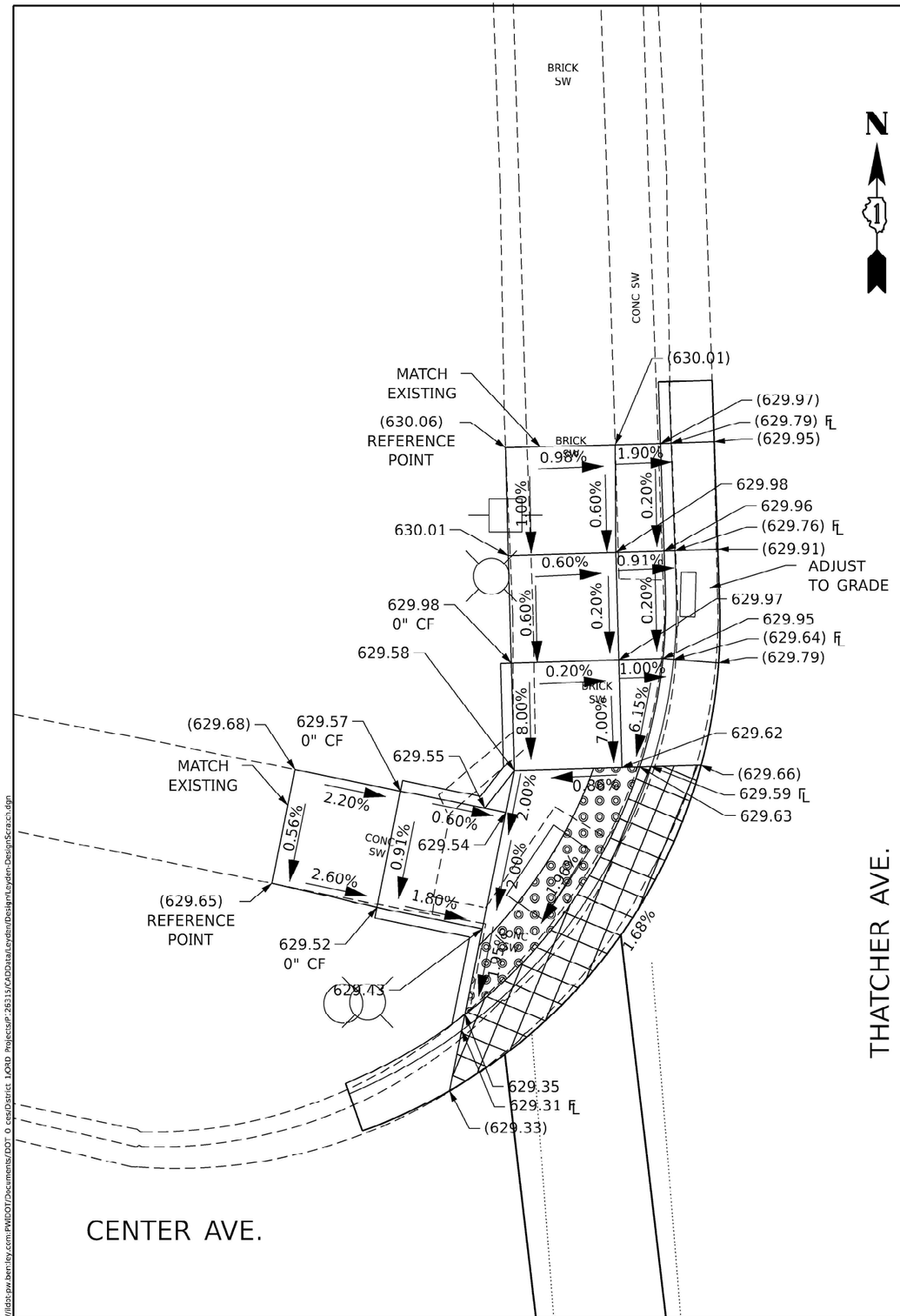
ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	65

CONTRACT NO.: 62P93

ILLINOIS FED. AID PROJECT



USER NAME = Phillip.Steed	DESIGNED -	REVISED -	**STATE OF ILLINOIS**
	DRAWN -	REVISED -	**DEPARTMENT OF TRANSPORTATION**
PLOT SCALE = $SCALE$	CHECKED	REVISED	
PLOT DATE = 3/30/2025	DATE -	REVISED -	

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	66
		CONTRACT NO.: 62P93		
	ILLINOIS	FED. AID PROJECT		

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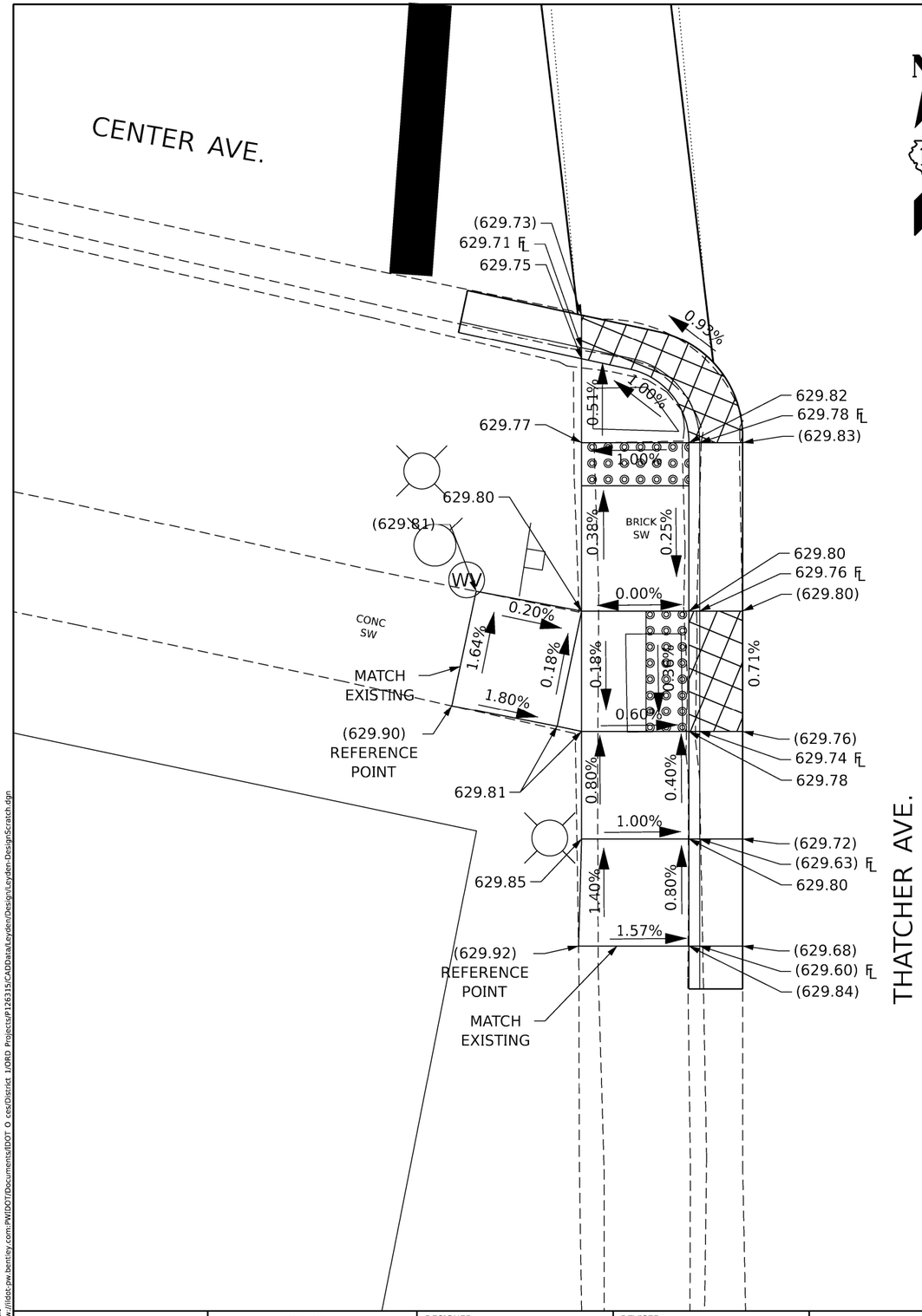

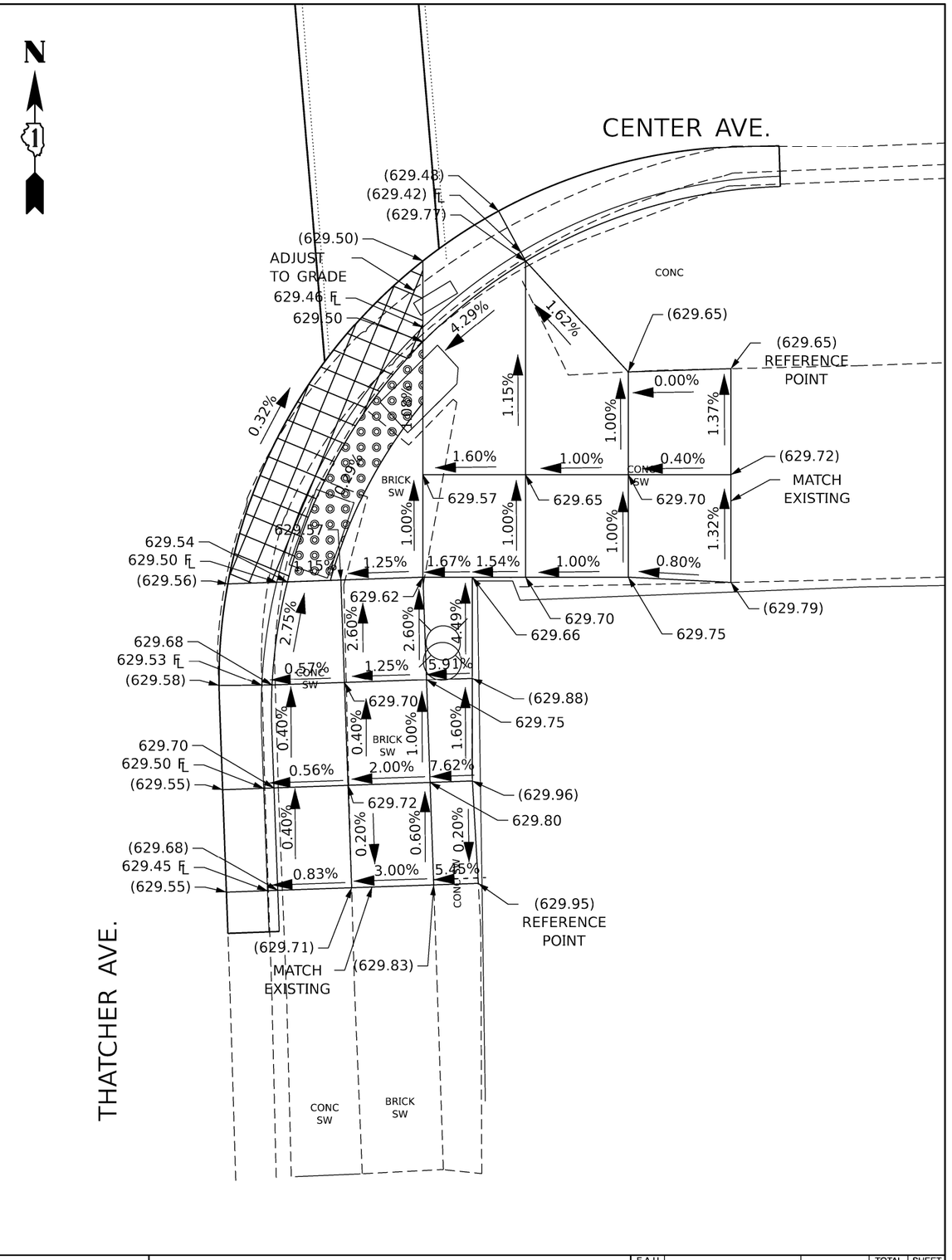

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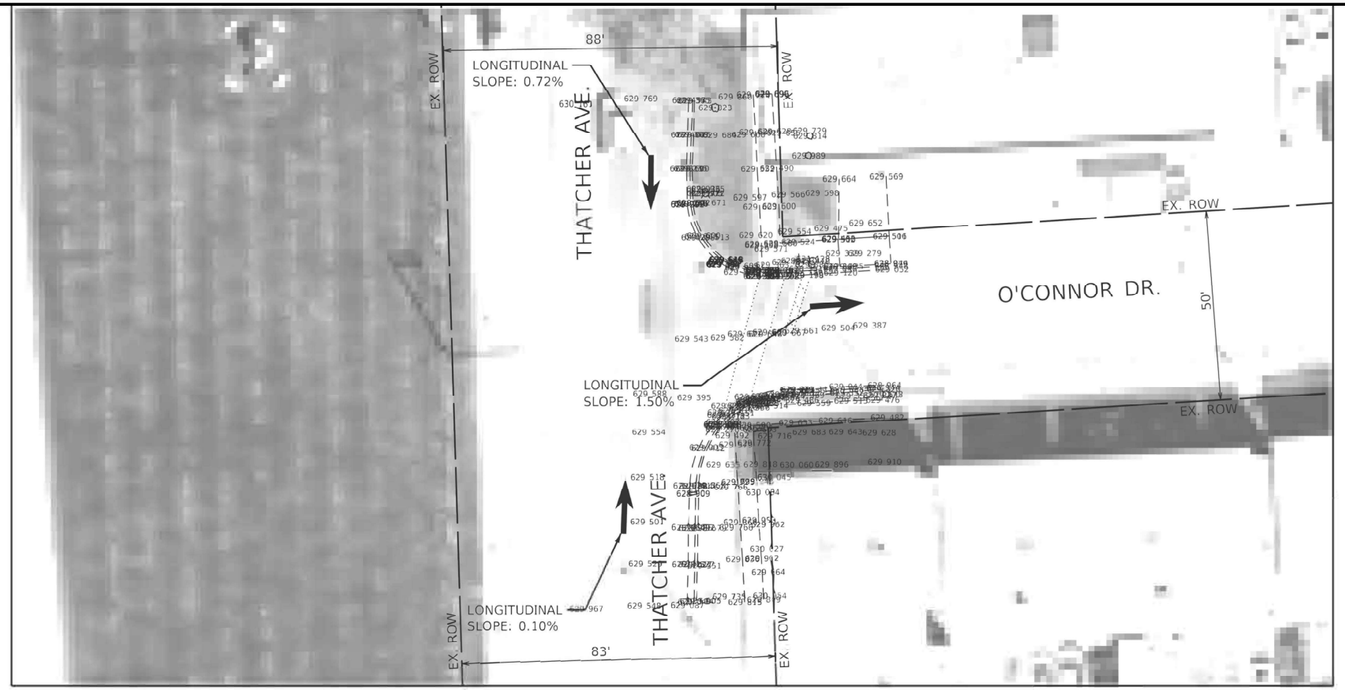
USER NAME = Phillip.Steed	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	67
		CONTRACT NO.: 62P93		
	ILLINOIS FED. AID PROJECT			



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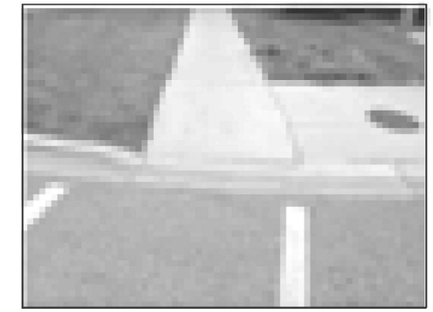
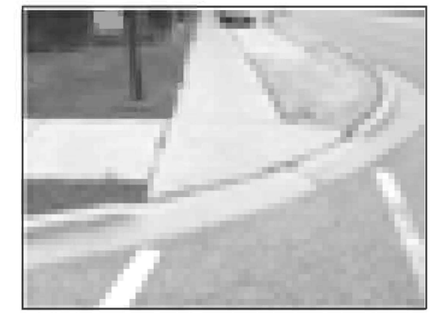
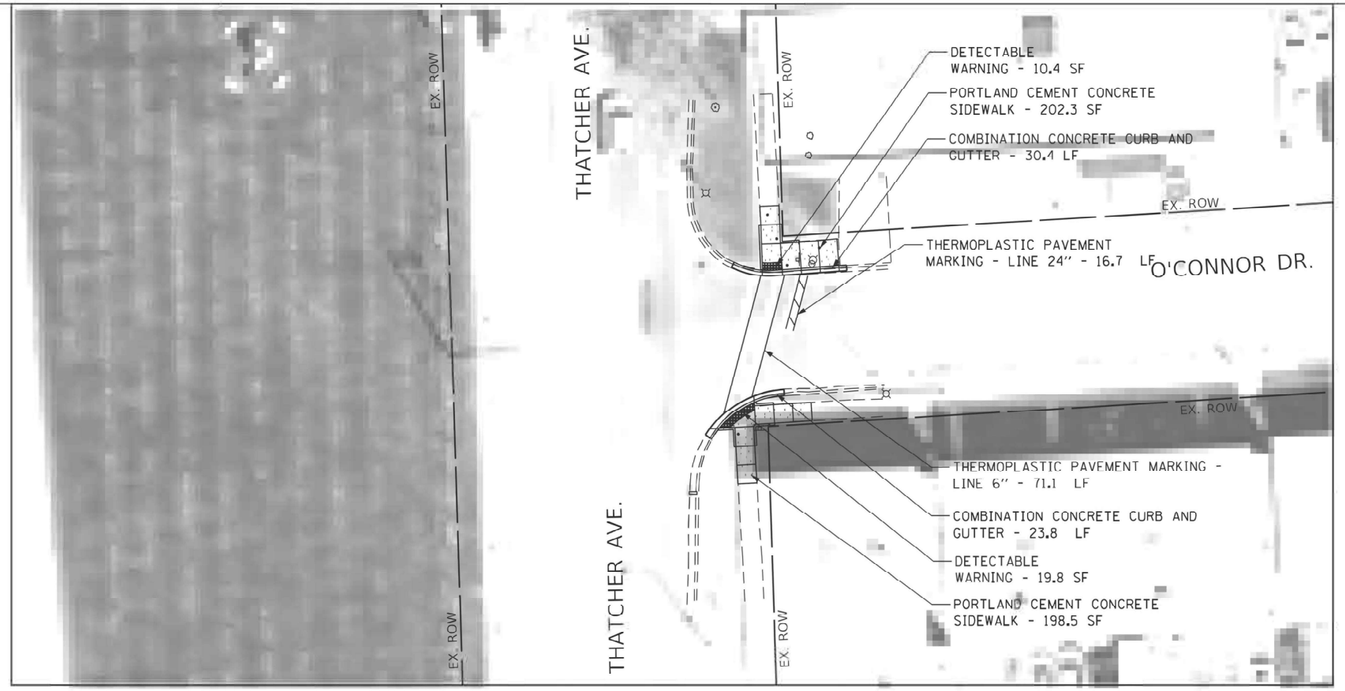


NORTHEAST CORNER



SOUTHEAST CORNER



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- COMBINATION CONRETE CURB AND GUTTER
- EXISTING R.O.W. LINE
- SINGLE POST SIGN
- ABOVE GROUND SPLICE BOX
- CONTROLLER BOX
- FIRE HYDRANT
- GUY POLE
- HANDHOLE
- LIGHT STANDARD
- MANHOLE
- POWER LINE
- TELEPHONE
- TRAFFIC SIGNAL
- VEGETATION OUTLINE
- SINGLE TREE OR BUSH

N

0 20 40 60

SCALE IN FEET

NOTE:
PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

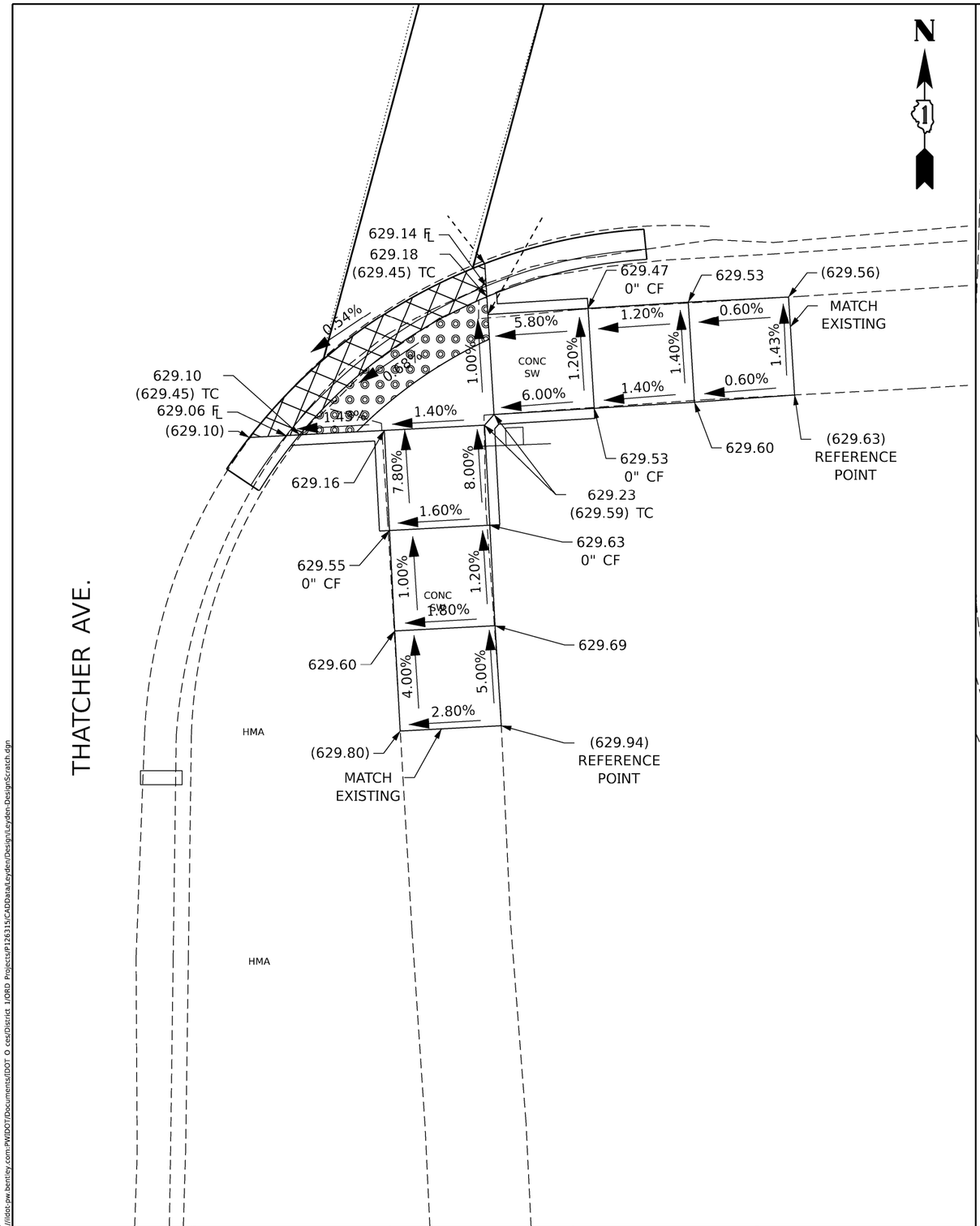
ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

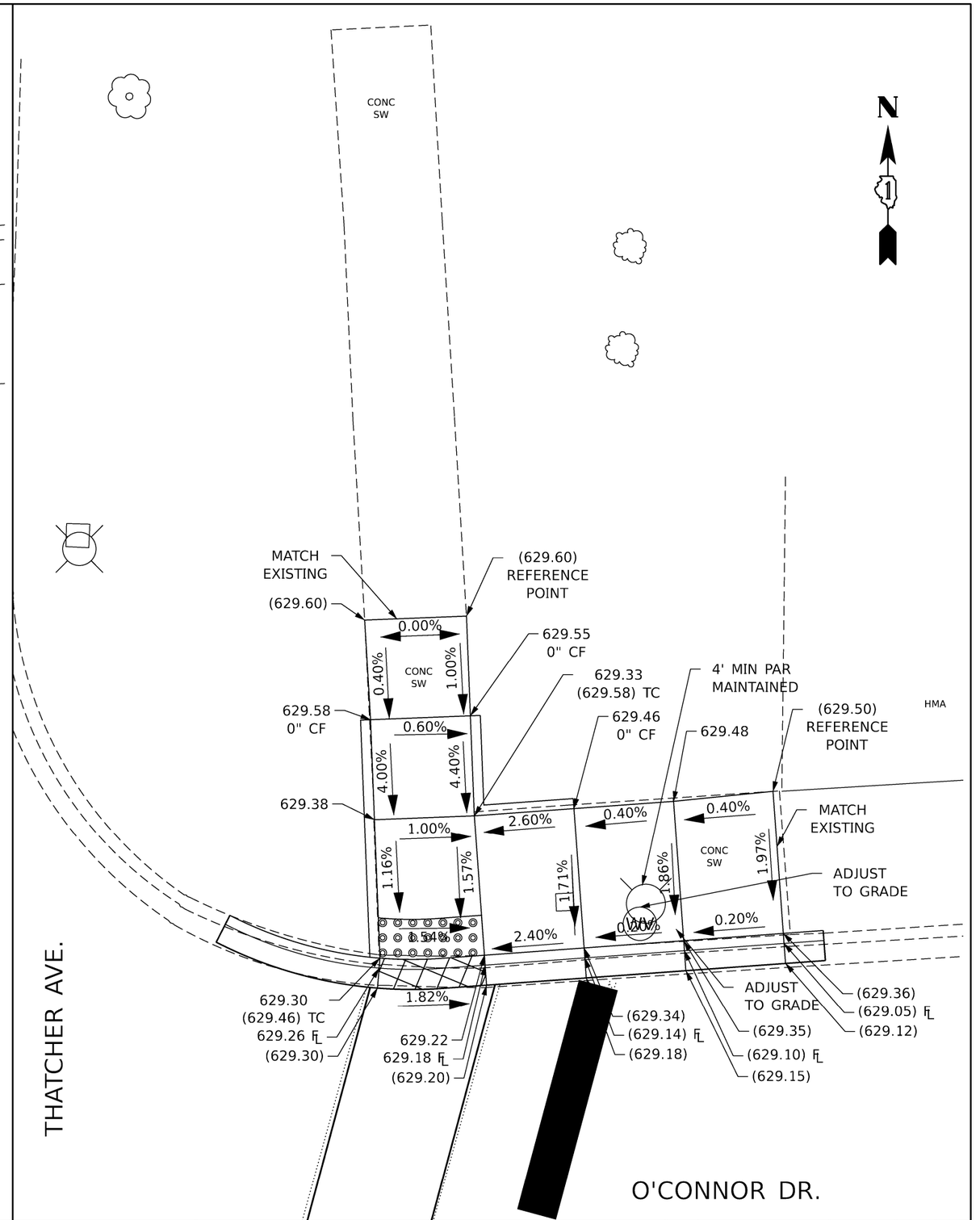
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	68

CONTRACT NO.: 62P93

ILLINOIS | FED. AID PROJECT





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	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 3/30/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

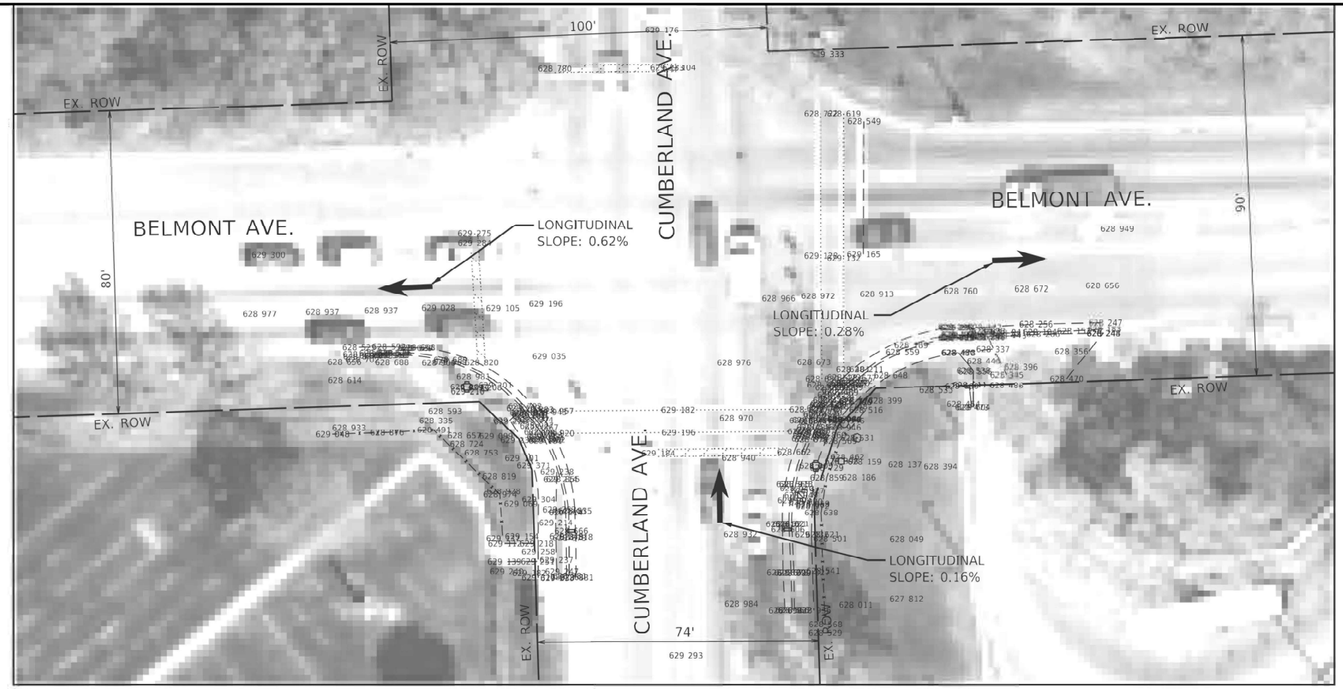
ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

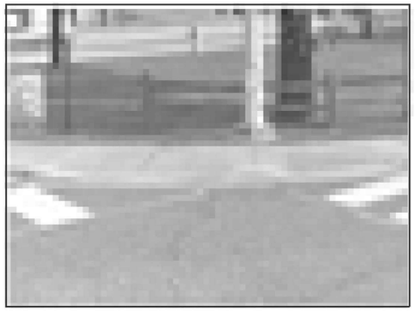
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	69
		CONTRACT NO.: 62P93		
	ILLINOIS	FED. AID PROJECT		



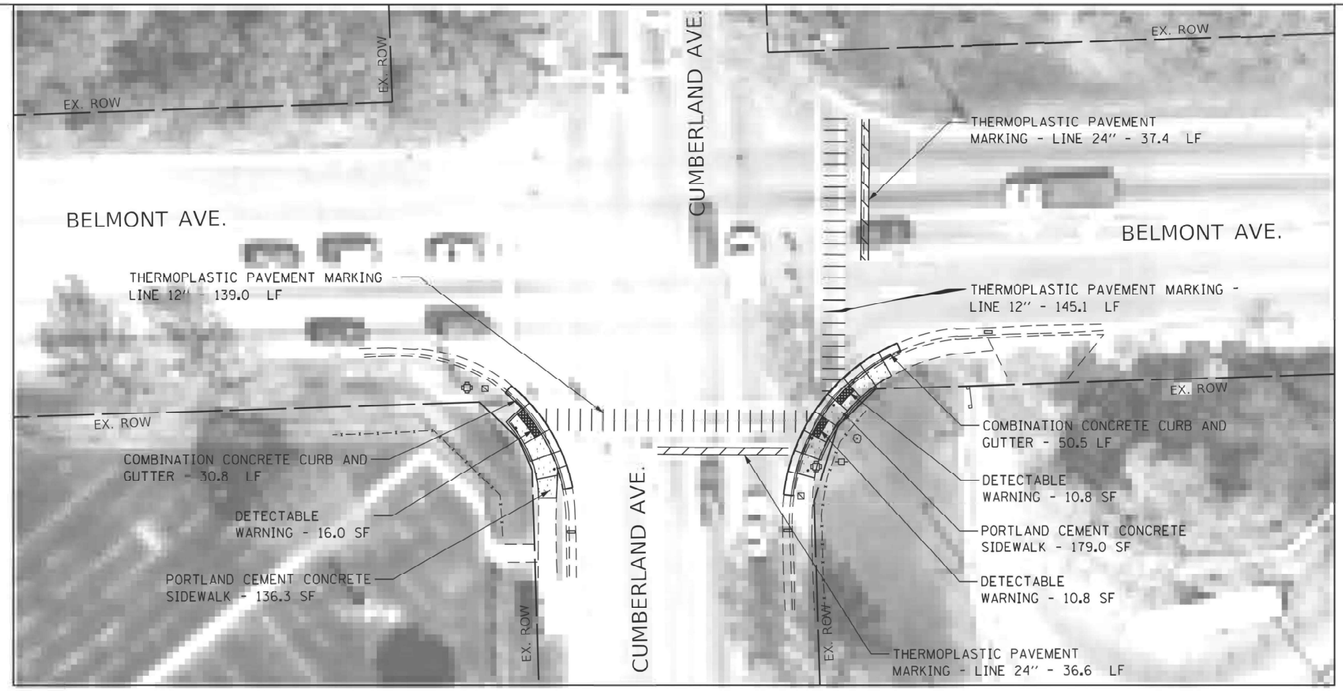
SOUTHWEST CORNER





SOUTHEAST CORNER

EXISTING



LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- COMBINATION CONRETE CURB AND GUTTER
- EXISTING R.O.W. LINE
- SINGLE POST SIGN
- ABOVE GROUND SPLICE BOX
- CONTROLLER BOX
- FIRE HYDRANT
- GUY POLE
- HANDHOLE
- LIGHT STANDARD
- MANHOLE
- POWER LINE
- TELEPHONE
- TRAFFIC SIGNAL
- VEGETATION OUTLINE
- SINGLE TREE OR BUSH

N

0 20 40 60

SCALE IN FEET

NOTE:
PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.

PROPOSED

FILE NAME = pw://ildot-pw.bentley.com:PWIDOT/Documents/IDOT Offices/District 1/ORD Projects/P1263	USER NAME = Phillip.Steed	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

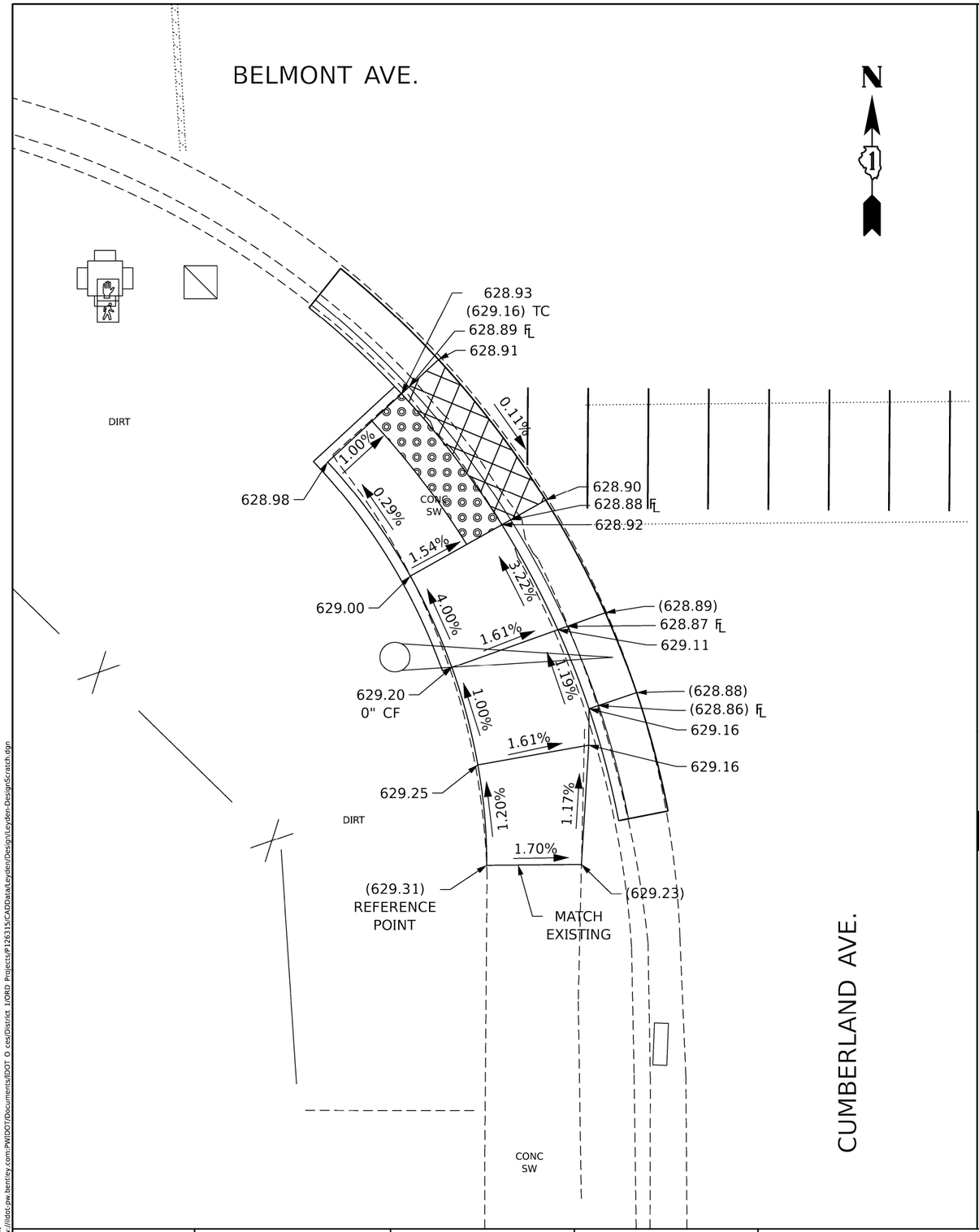
ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

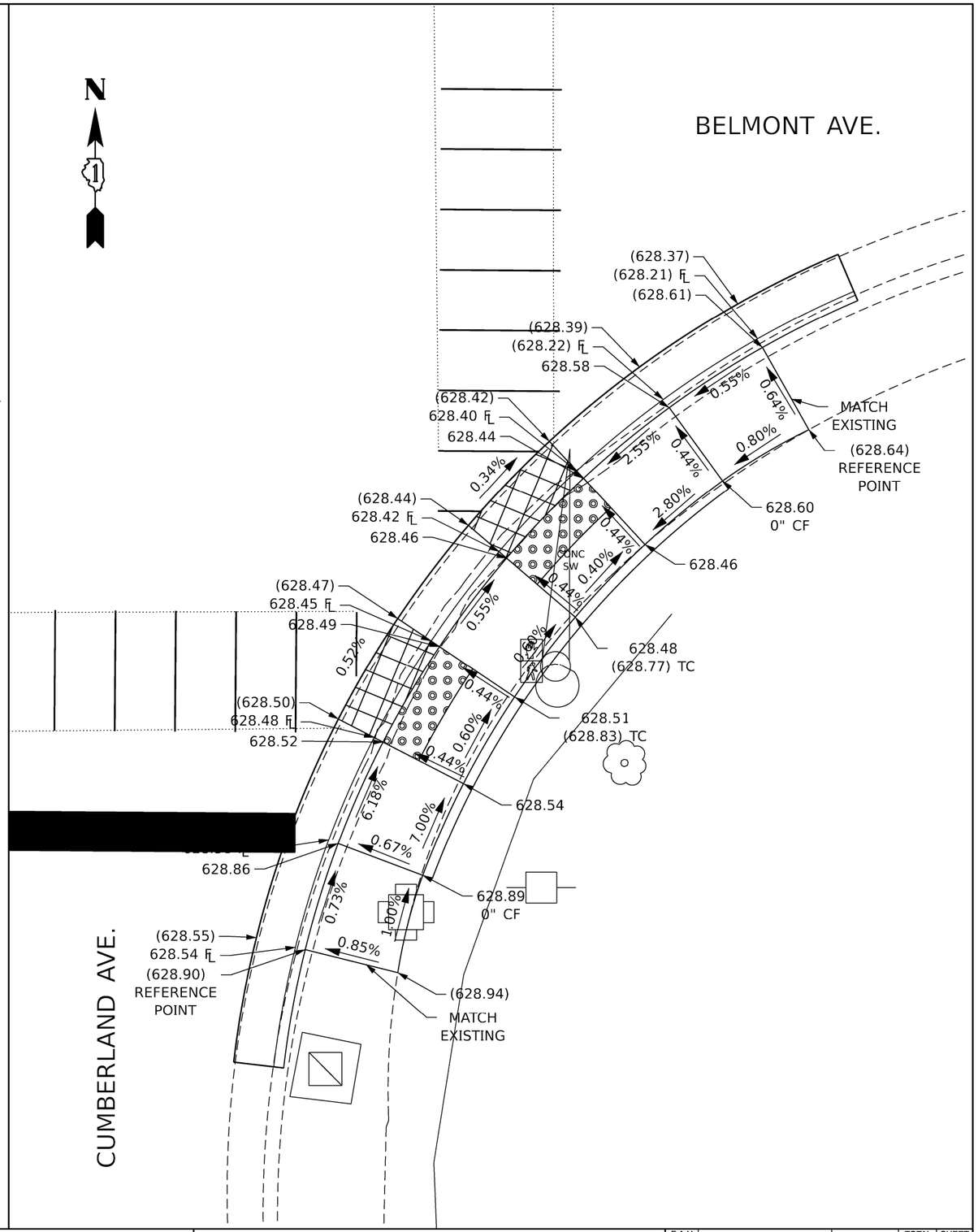
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	70

CONTRACT NO.: 62P93

ILLINOIS | FED. AID PROJECT





USER NAME = Phillip.Steed	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 3/30/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	71
		CONTRACT NO.: 62P93		
	ILLINOIS	FED. AID PROJECT		

MODEL: Default
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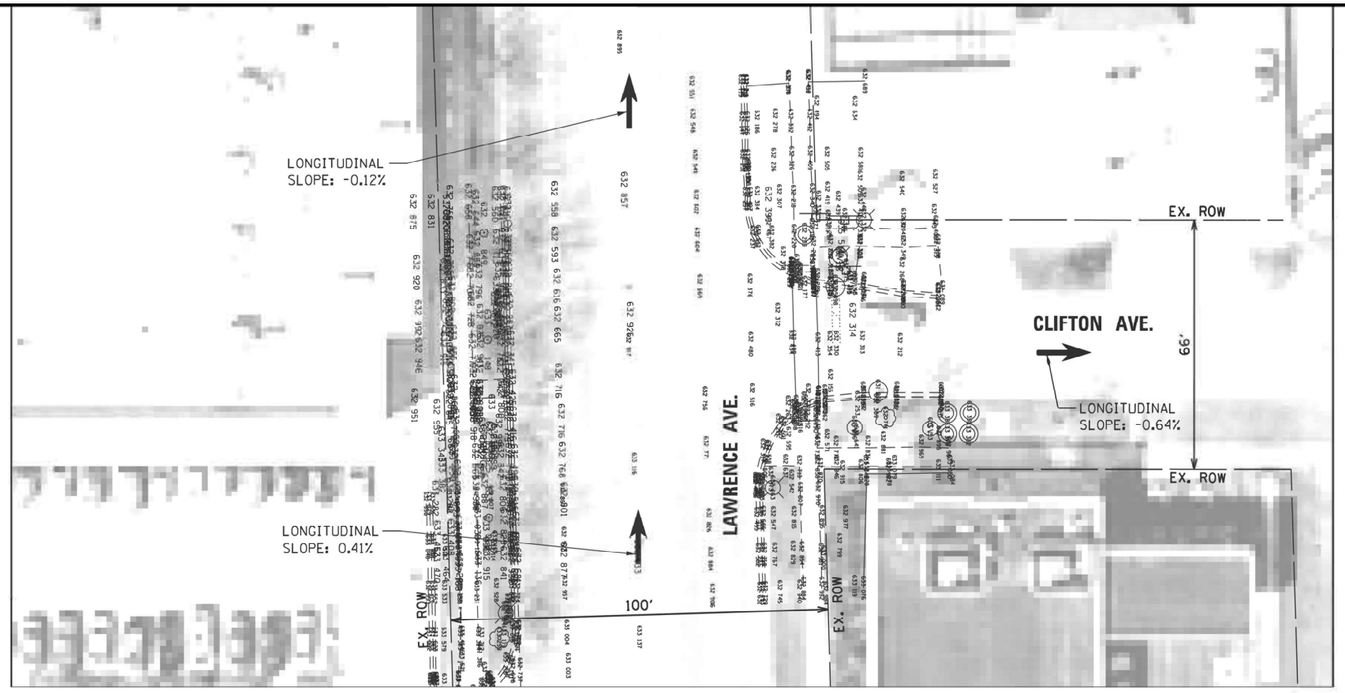
SOUTHEAST CORNER



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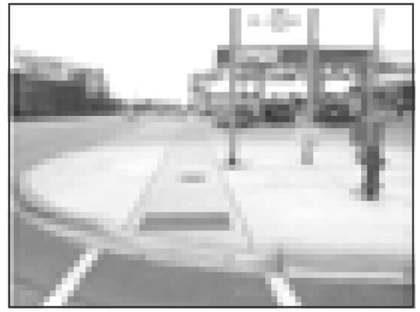
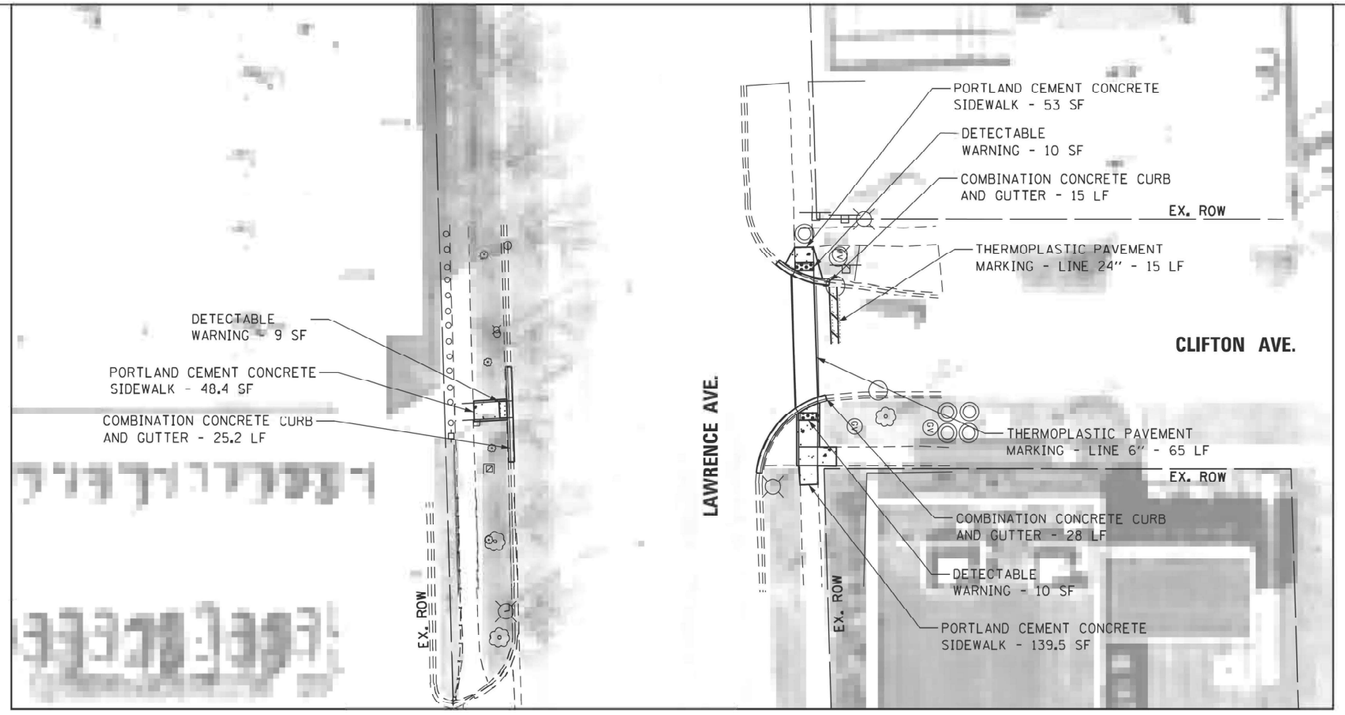


NORTHWEST CORNER



NORTHEAST CORNER



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK, (SPECIAL)
- ADA COMPLIANT GRATE
- UTILITY STRUCTURE TO BE ADJUSTED
- UTILITY STRUCTURE TO BE RELOCATED
- COMBINATION CONRETE CURB AND GUTTER
- EXISTING R.O.W. LINE
- SINGLE POST SIGN
- ABOVE GROUND SPLICE BOX
- CONTROLLER BOX
- FIRE HYDRANT
- GUY POLE
- HANDHOLE
- LIGHT STANDARD
- MANHOLE
- POWER LINE
- TELEPHONE
- TRAFFIC SIGNAL
- VEGETATION OUTLINE
- SINGLE TREE OR BUSH

NOTE:
PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.

N

0 20 40 60

SCALE IN FEET

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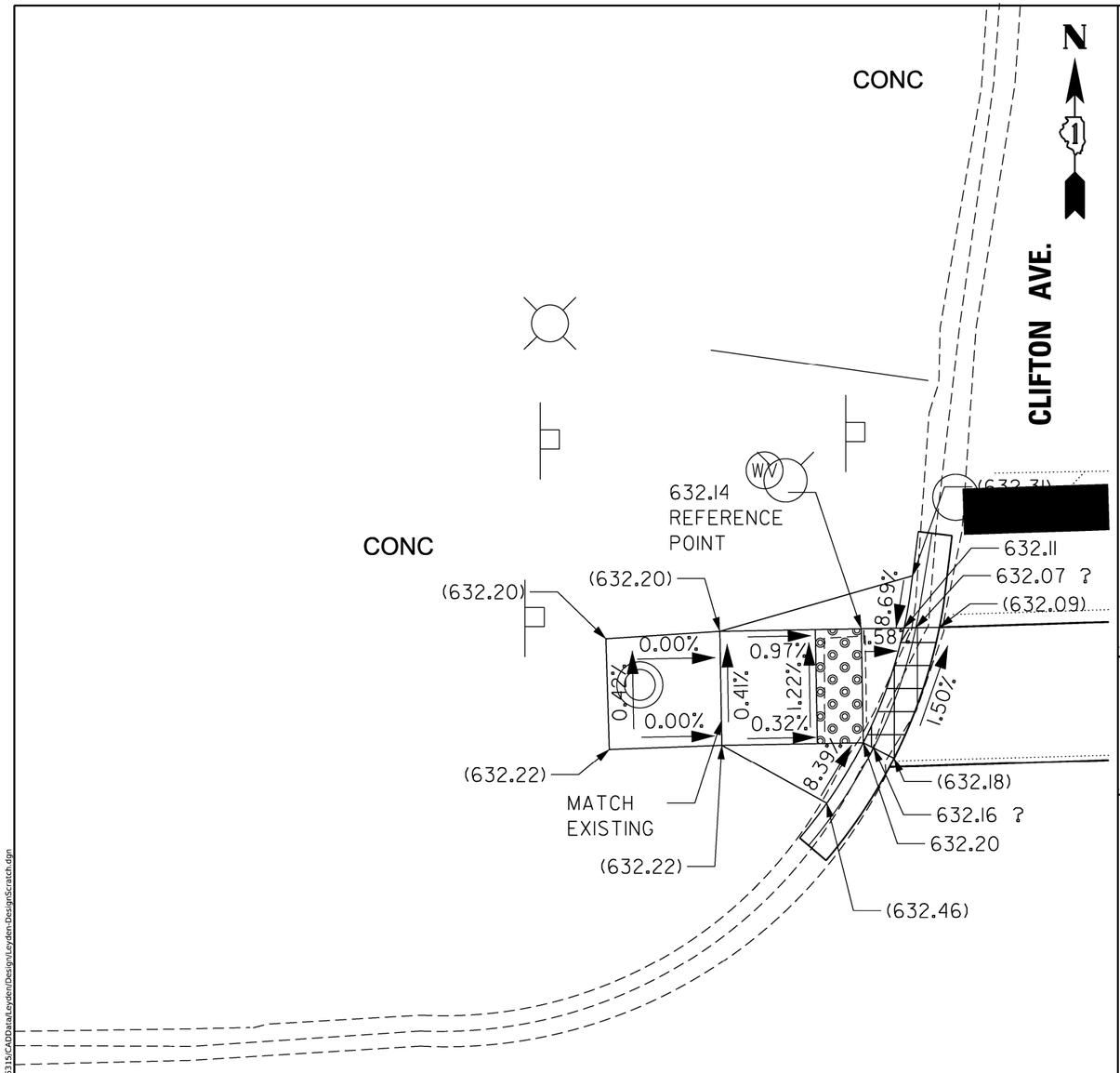
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = 3/30/2025	DATE -	REVISED -

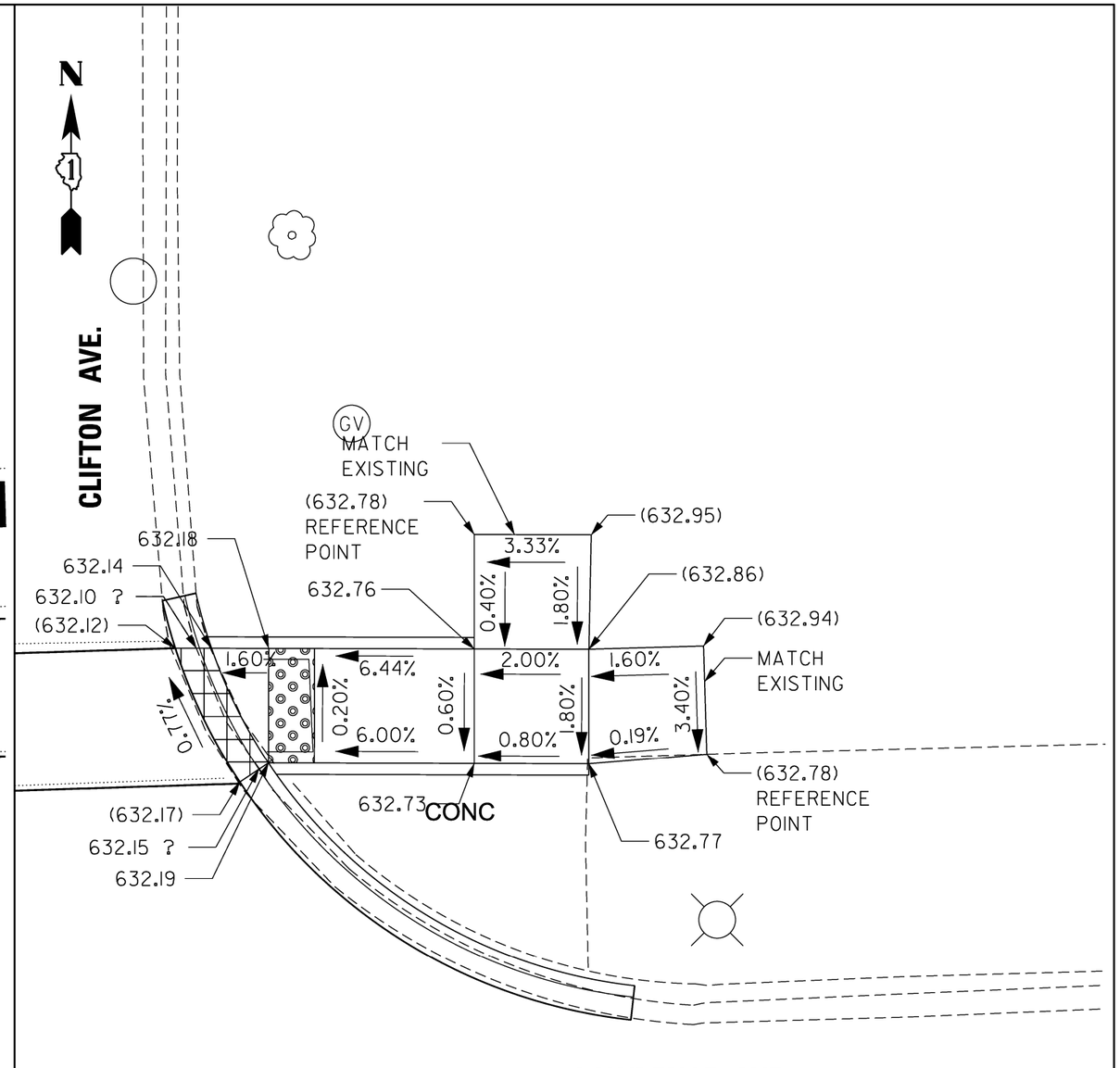
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	72
		CONTRACT NO.: 62P93		
		ILLINOIS	FED. AID PROJECT	





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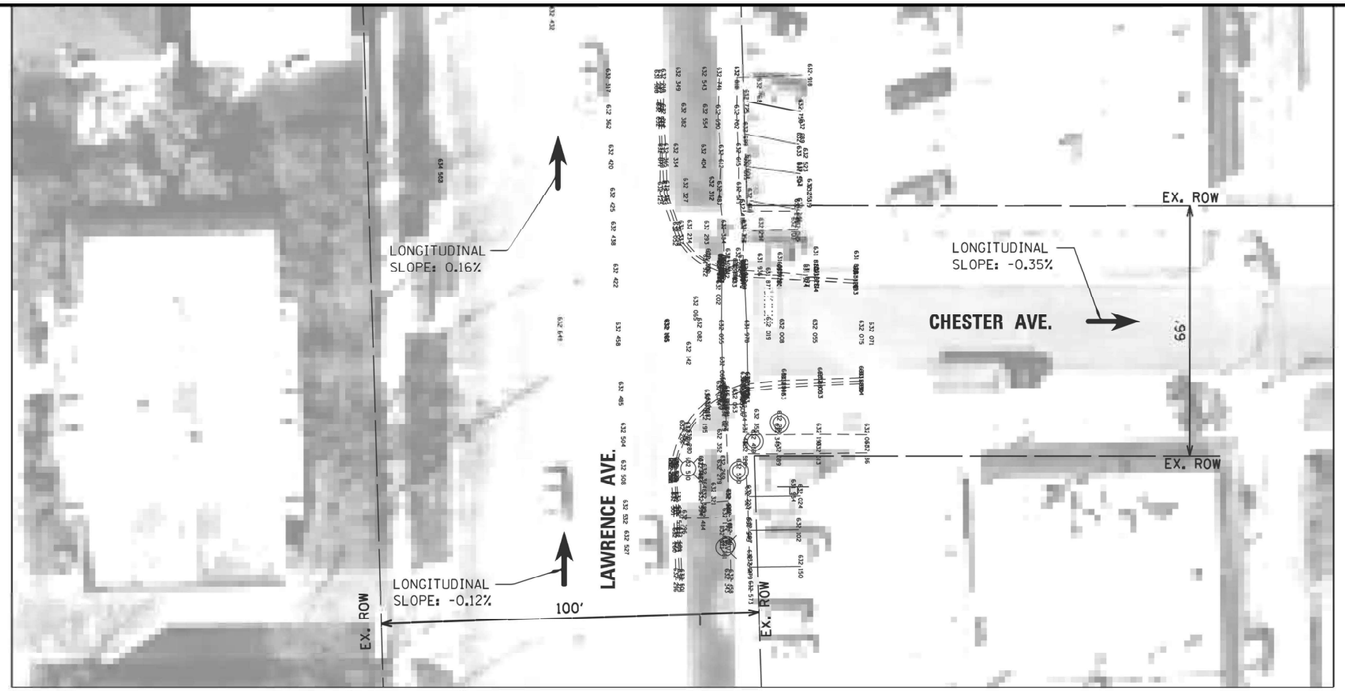
USER NAME = Phillip.Steed	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

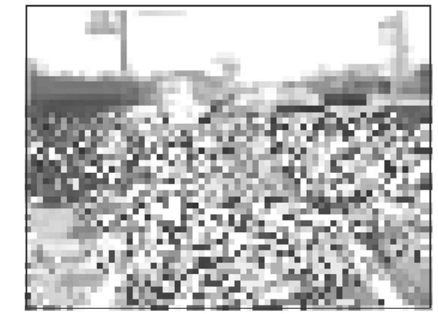
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	73
		CONTRACT NO.: 62P93		
	ILLINOIS	FED. AID PROJECT		



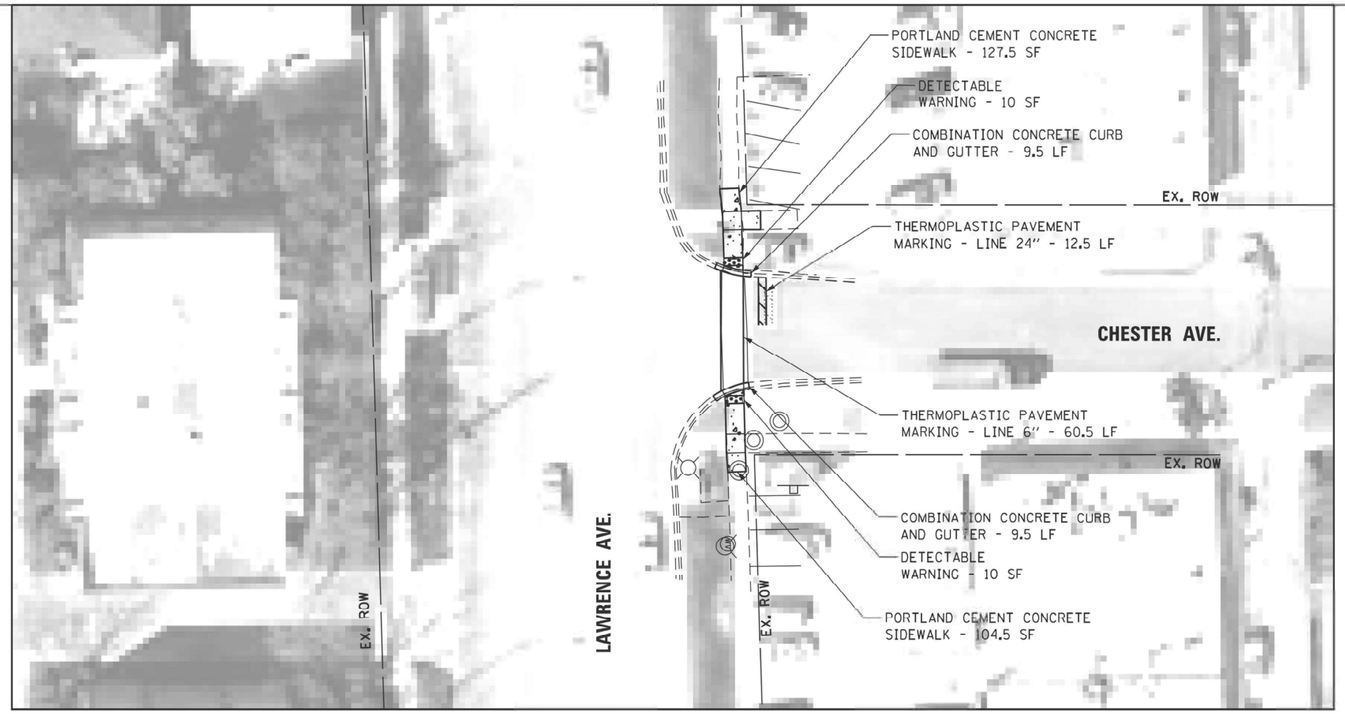


NORTHWEST CORNER



NORTHEAST CORNER

EXISTING



LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK, (SPECIAL)
- ADA COMPLIANT GRATE
- UTILITY STRUCTURE TO BE ADJUSTED
- UTILITY STRUCTURE TO BE RELOCATED
- COMBINATION CONRETE CURB AND GUTTER
- EXISTING R.O.W. LINE
- SINGLE POST SIGN
- ABOVE GROUND SPLICE BOX
- CONTROLLER BOX
- FIRE HYDRANT
- GUY POLE
- HANDHOLE
- LIGHT STANDARD
- MANHOLE
- POWER LINE
- TELEPHONE
- TRAFFIC SIGNAL
- VEGETATION OUTLINE
- SINGLE TREE OR BUSH

N

0 20 40 60

SCALE IN FEET

NOTE:
PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.

PROPOSED

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		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

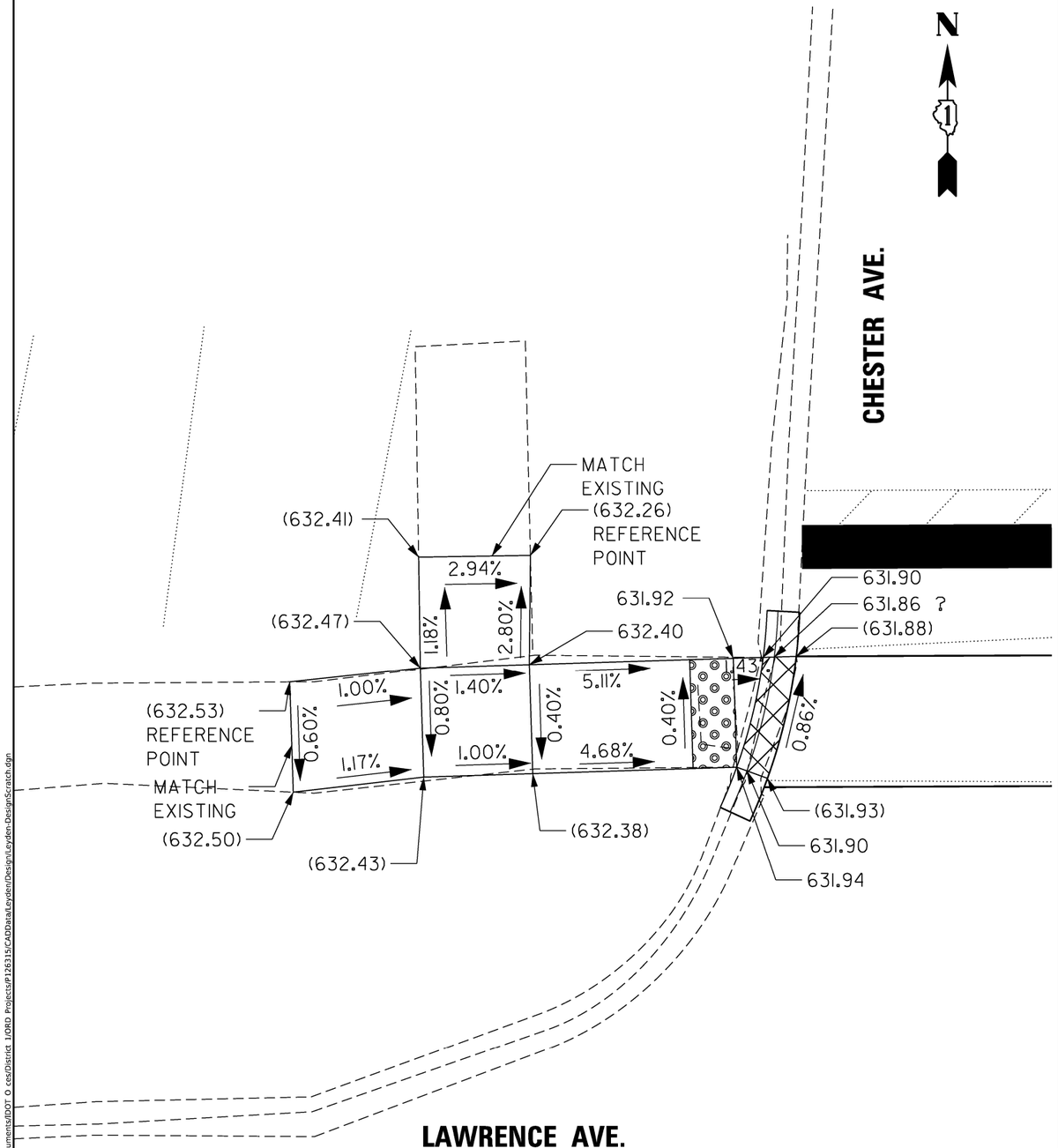
ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

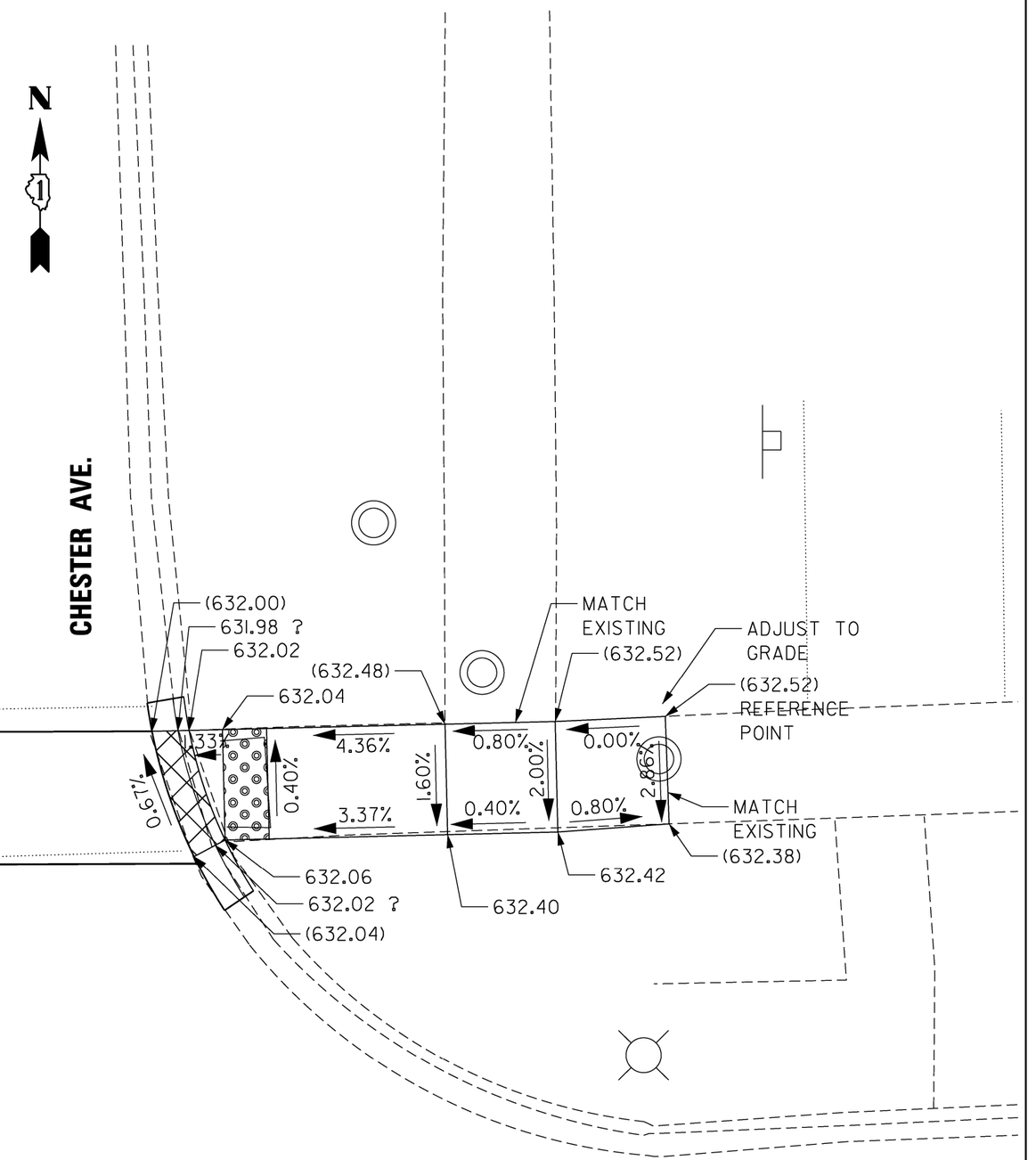
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	74

CONTRACT NO.: 62P93

ILLINOIS | FED. AID PROJECT





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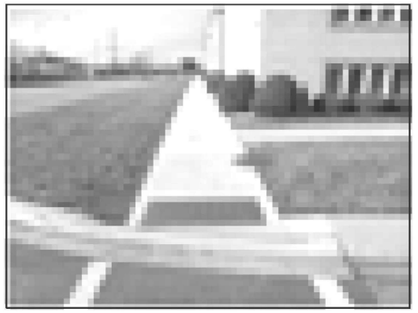
USER NAME = Phillip.Steed	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

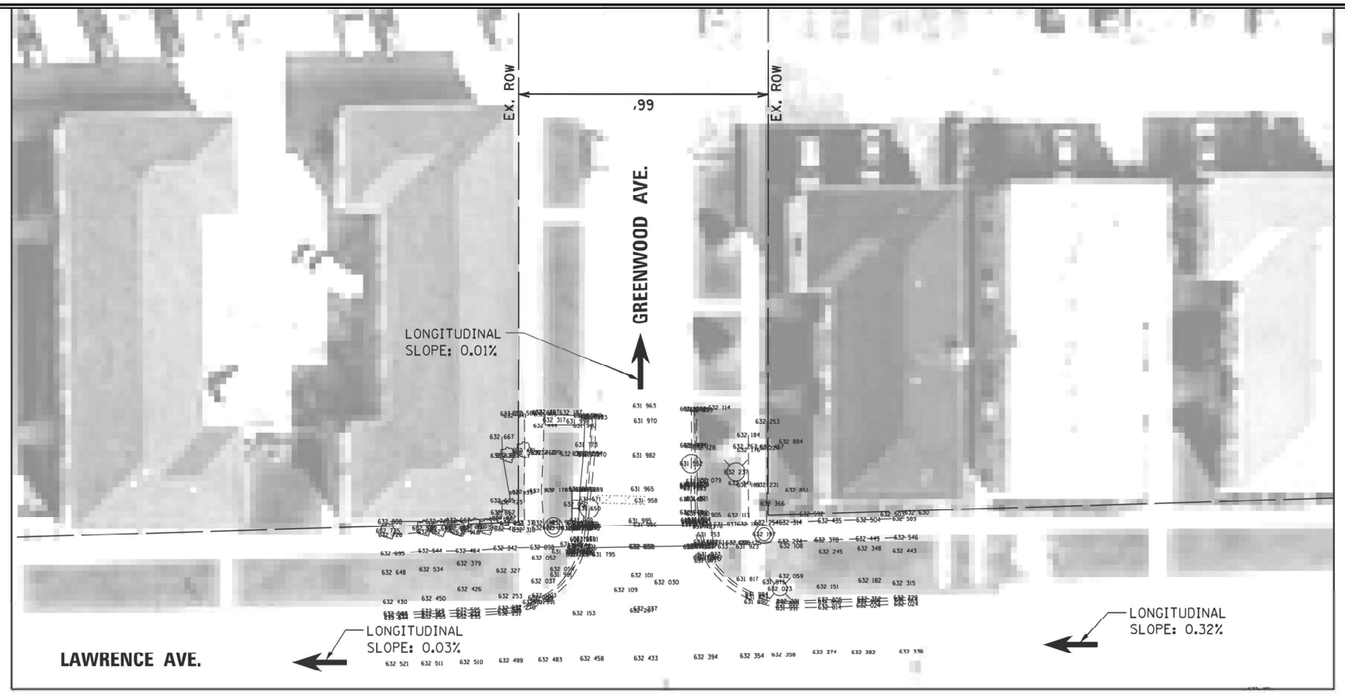
ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	75
		CONTRACT NO.: 62P93		
		ILLINOIS	FED. AID PROJECT	



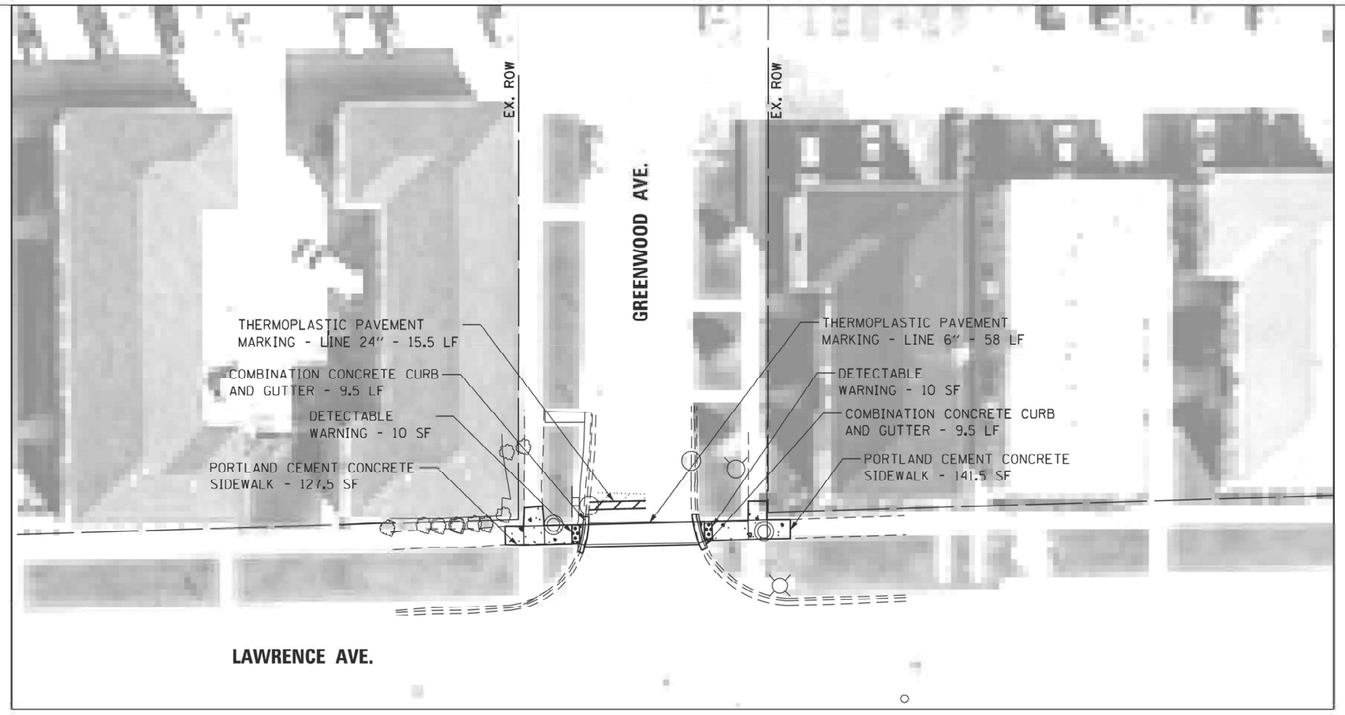
NORTHWEST CORNER





NORTHEAST CORNER

EXISTING



LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK, (SPECIAL)
- ADA COMPLIANT GRATE
- UTILITY STRUCTURE TO BE ADJUSTED
- UTILITY STRUCTURE TO BE RELOCATED
- COMBINATION CONRETE CURB AND GUTTER
- EXISTING R.O.W. LINE
- SINGLE POST SIGN
- ABOVE GROUND SPLICE BOX
- CONTROLLER BOX
- FIRE HYDRANT
- GUY POLE
- HANDHOLE
- LIGHT STANDARD
- MANHOLE
- POWER LINE
- TELEPHONE
- TRAFFIC SIGNAL
- VEGETATION OUTLINE
- SINGLE TREE OR BUSH

N

0 20 40 60

SCALE IN FEET

NOTE:
PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.

PROPOSED

FILE NAME = pw://ildot-pw.bentley.com:PWIDOT/Documents/IDOT Offices/District 1/ORD Projects/P1263 5/Private/Leyden/Design/Leyden-DesignScratch.dgn	USER NAME = Phillip.Steed	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

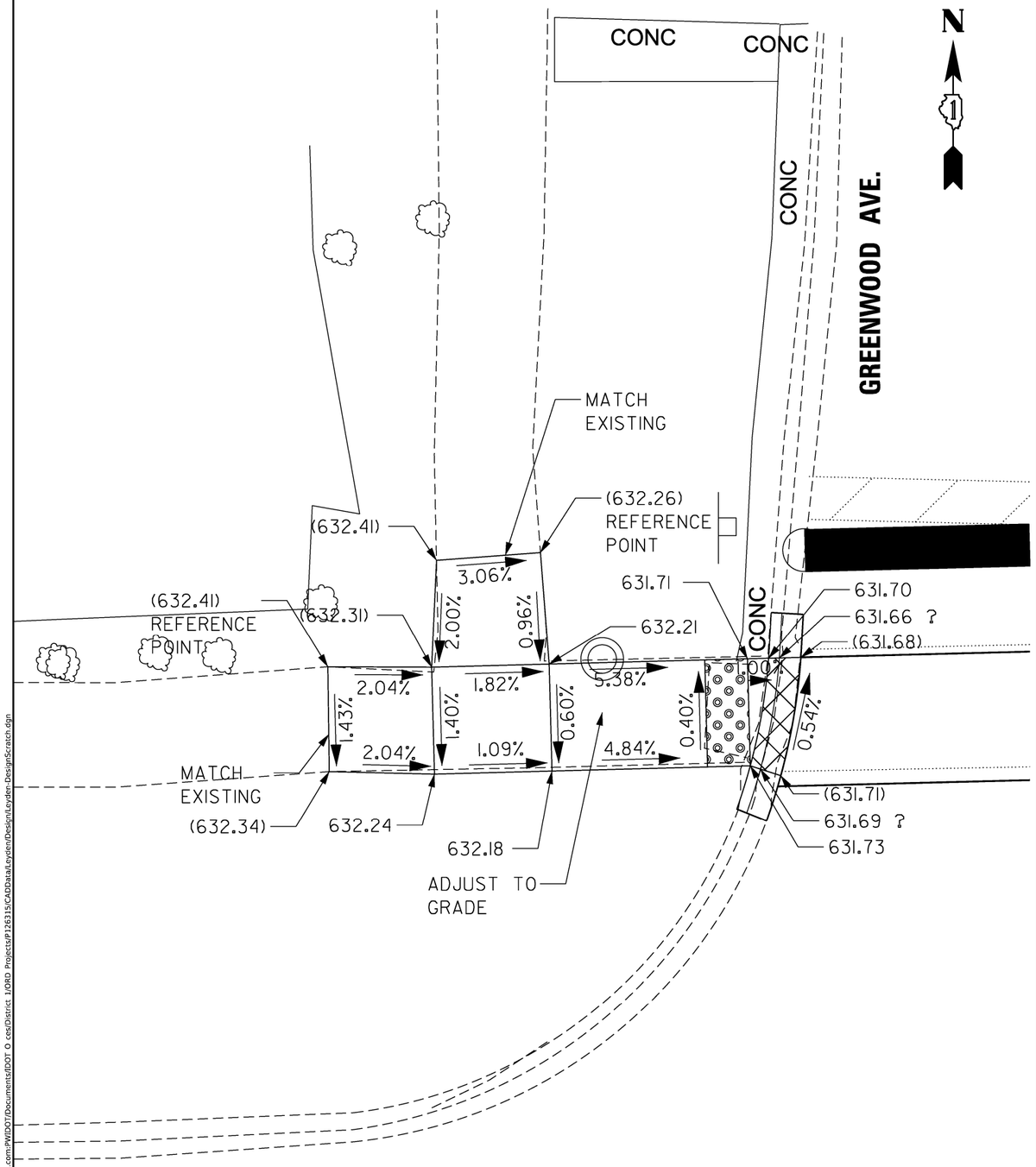
ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

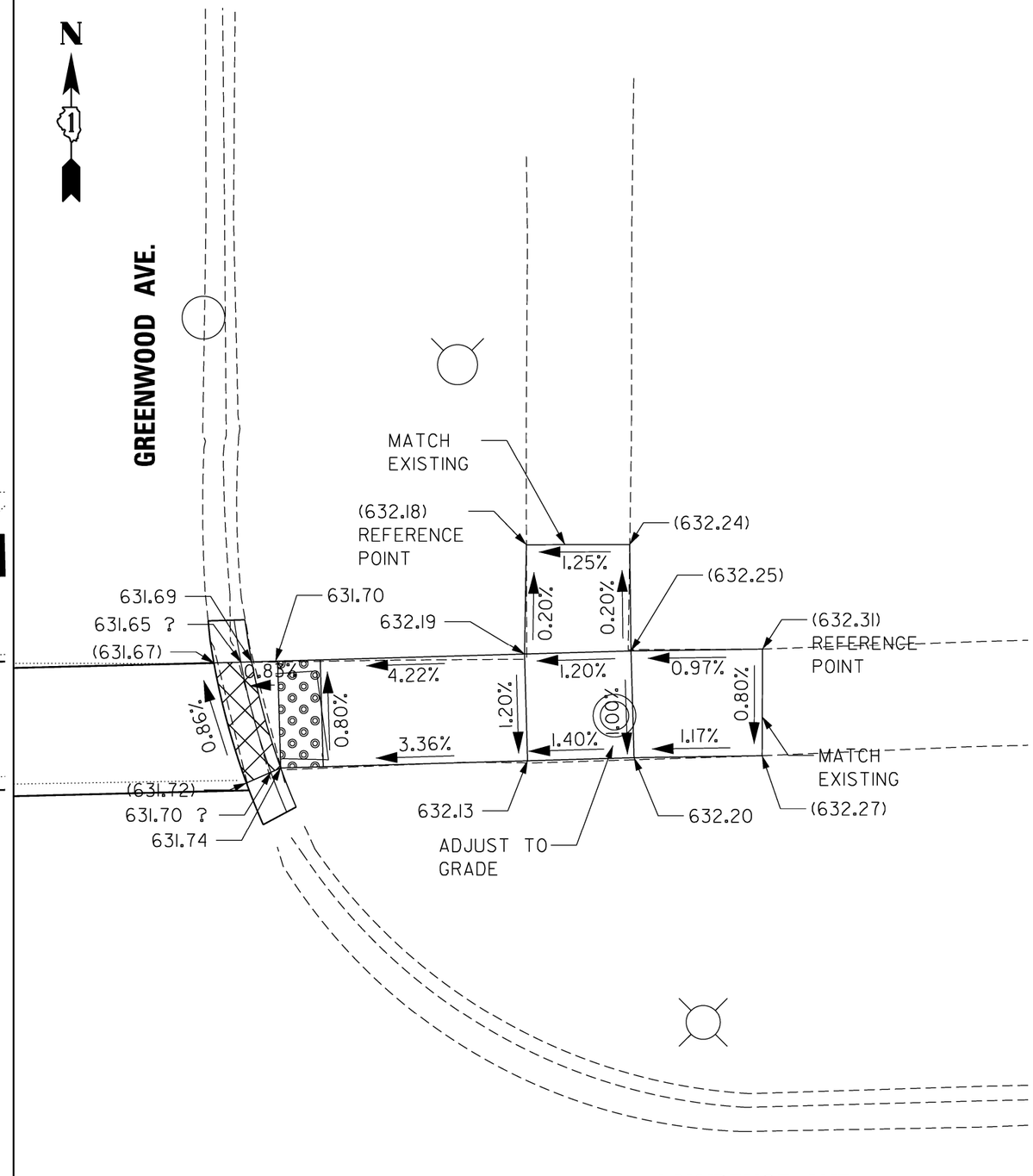
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	76

CONTRACT NO.: 62P93

ILLINOIS FED. AID PROJECT





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USER NAME = Phillip.Steed	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

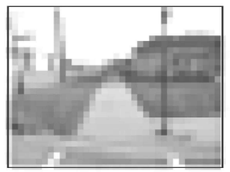
ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

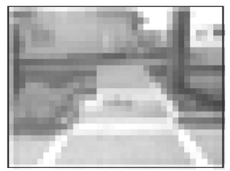
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	77
		CONTRACT NO.: 62P93		
	ILLINOIS	FED. AID PROJECT		

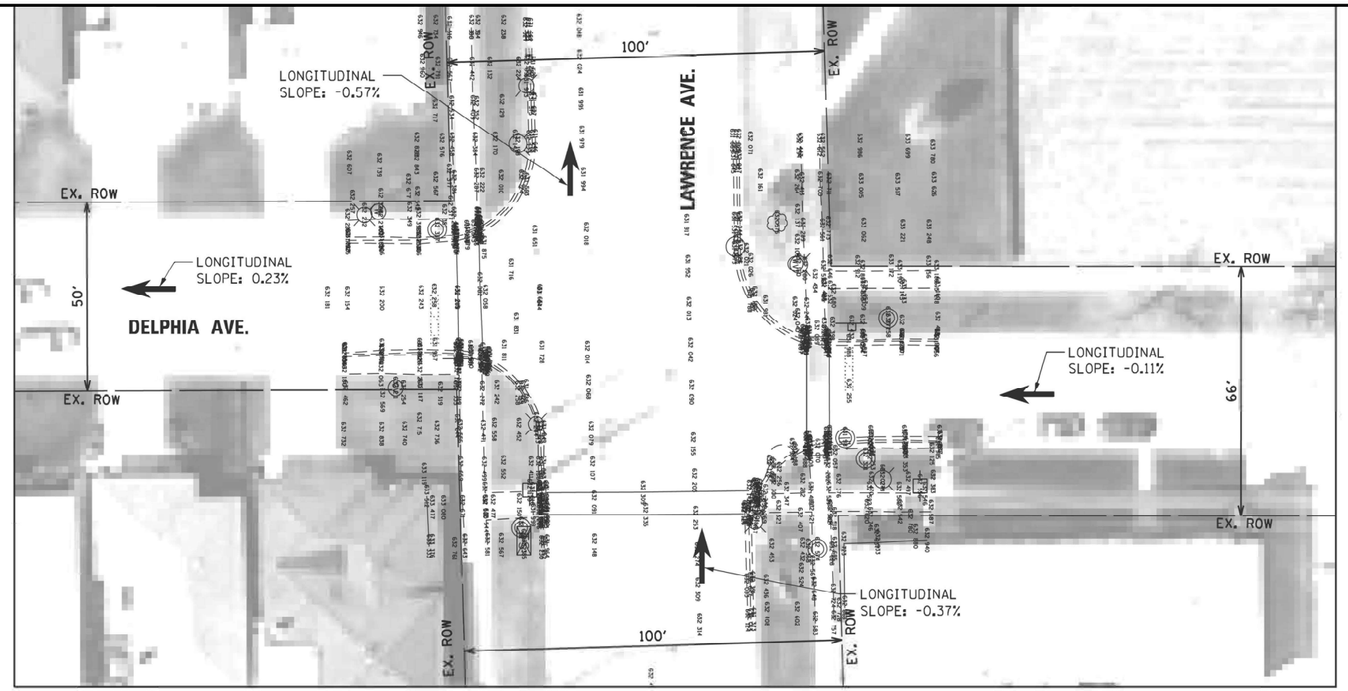


SOUTHWEST CORNER





SOUTHEAST CORNER



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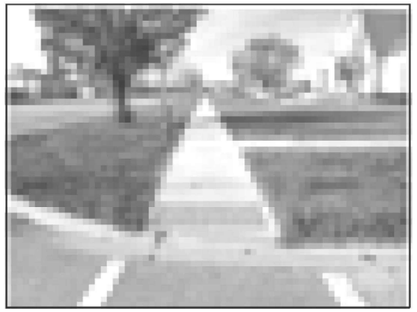
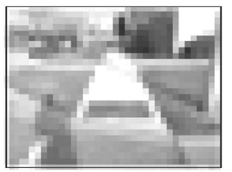
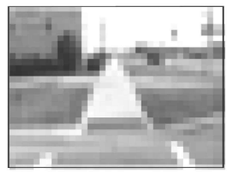
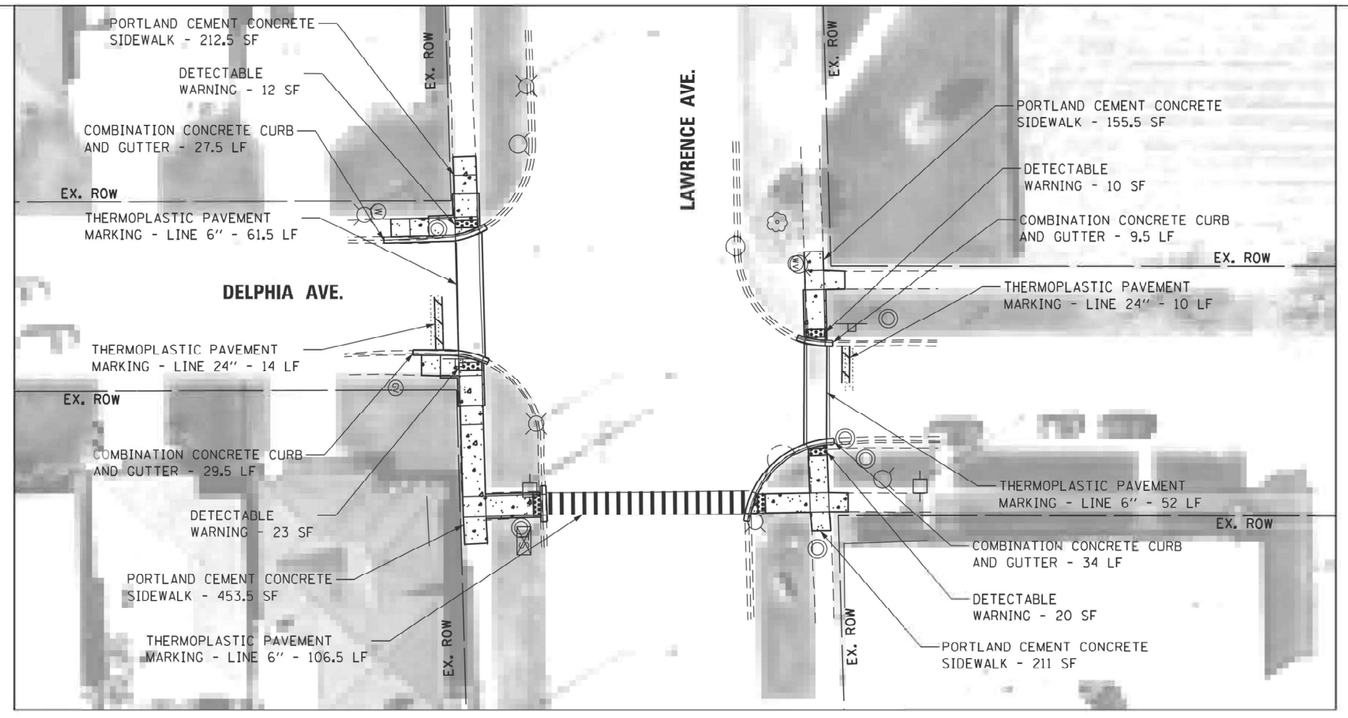


NORTHWEST CORNER





NORTHEAST CORNER



PROPOSED

NOTE:
PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK, (SPECIAL)
- ADA COMPLIANT GRATE
- UTILITY STRUCTURE TO BE ADJUSTED
- UTILITY STRUCTURE TO BE RELOCATED
- COMBINATION CONRETE CURB AND GUTTER
- EXISTING R.O.W. LINE
- SINGLE POST SIGN
- ABOVE GROUND SPLICE BOX
- CONTROLLER BOX
- FIRE HYDRANT
- GUY POLE
- HANDHOLE
- LIGHT STANDARD
- MANHOLE
- POWER LINE
- TELEPHONE
- TRAFFIC SIGNAL
- VEGETATION OUTLINE
- SINGLE TREE OR BUSH

N

0 20 40 60

SCALE IN FEET

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		DRAWN -	REVISED -
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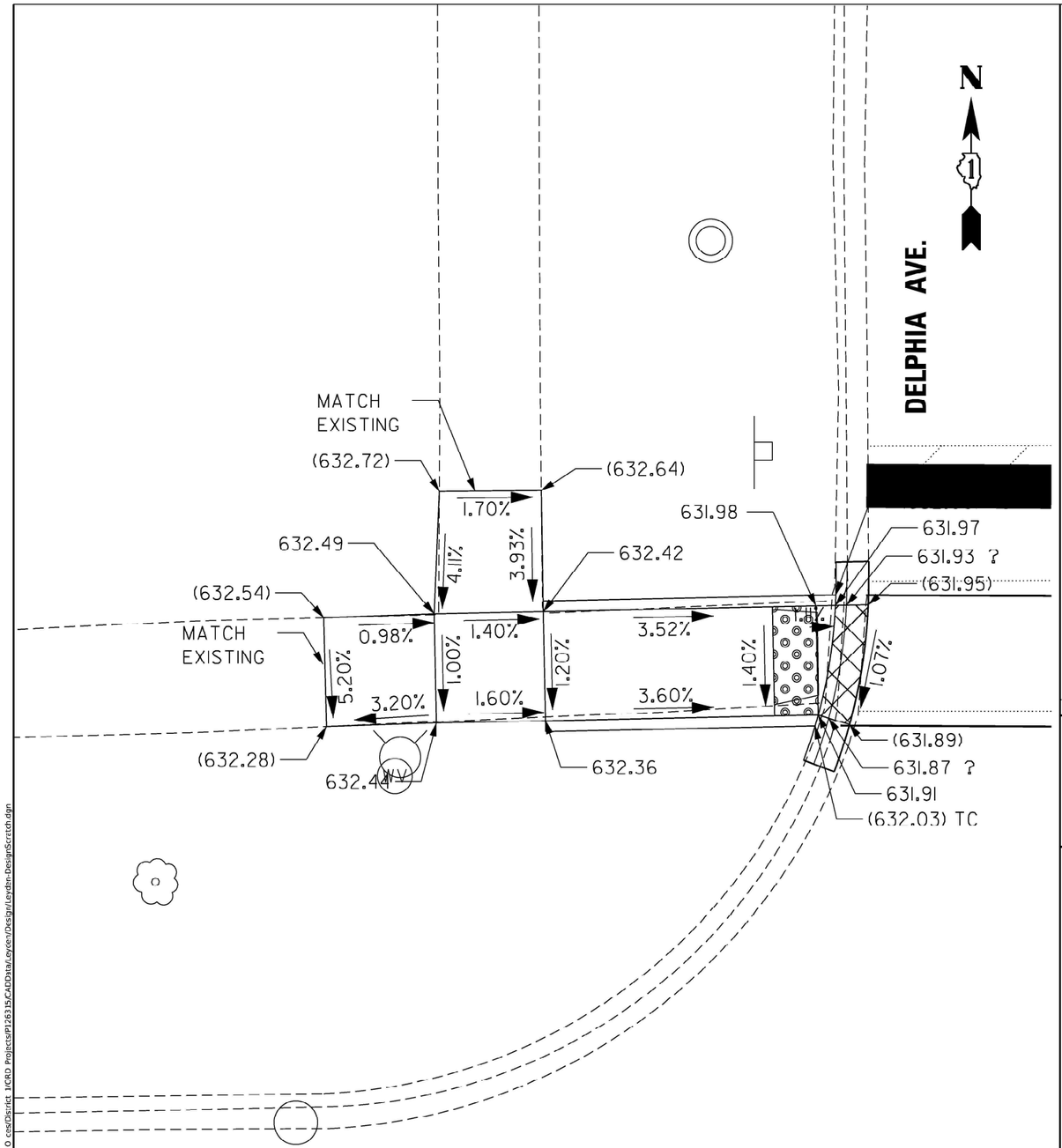
	PLOT DATE = 3/30/2025	DATE -	REVISED -

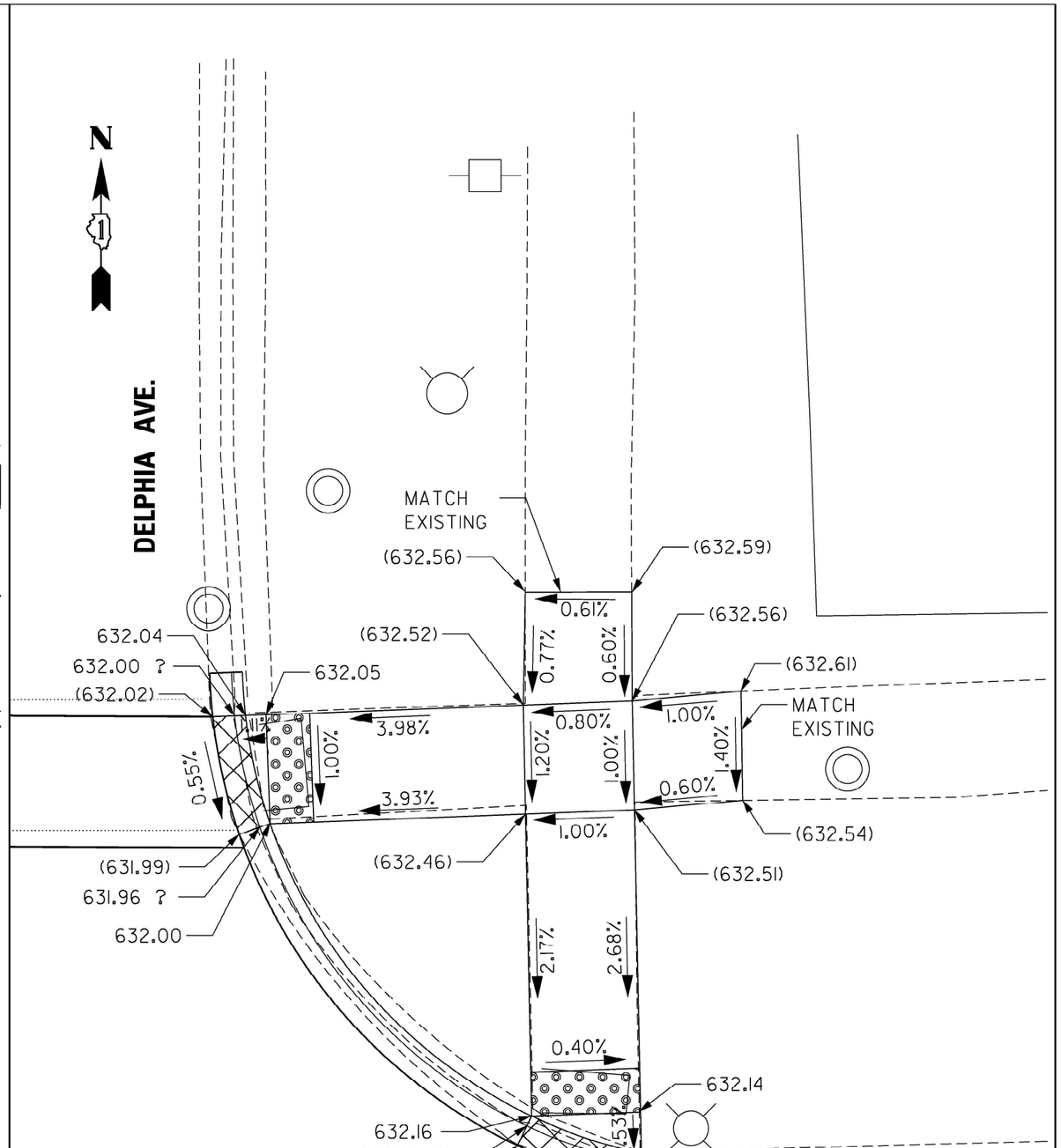
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	78
		CONTRACT NO.: 62P93		
		ILLINOIS FED. AID PROJECT		





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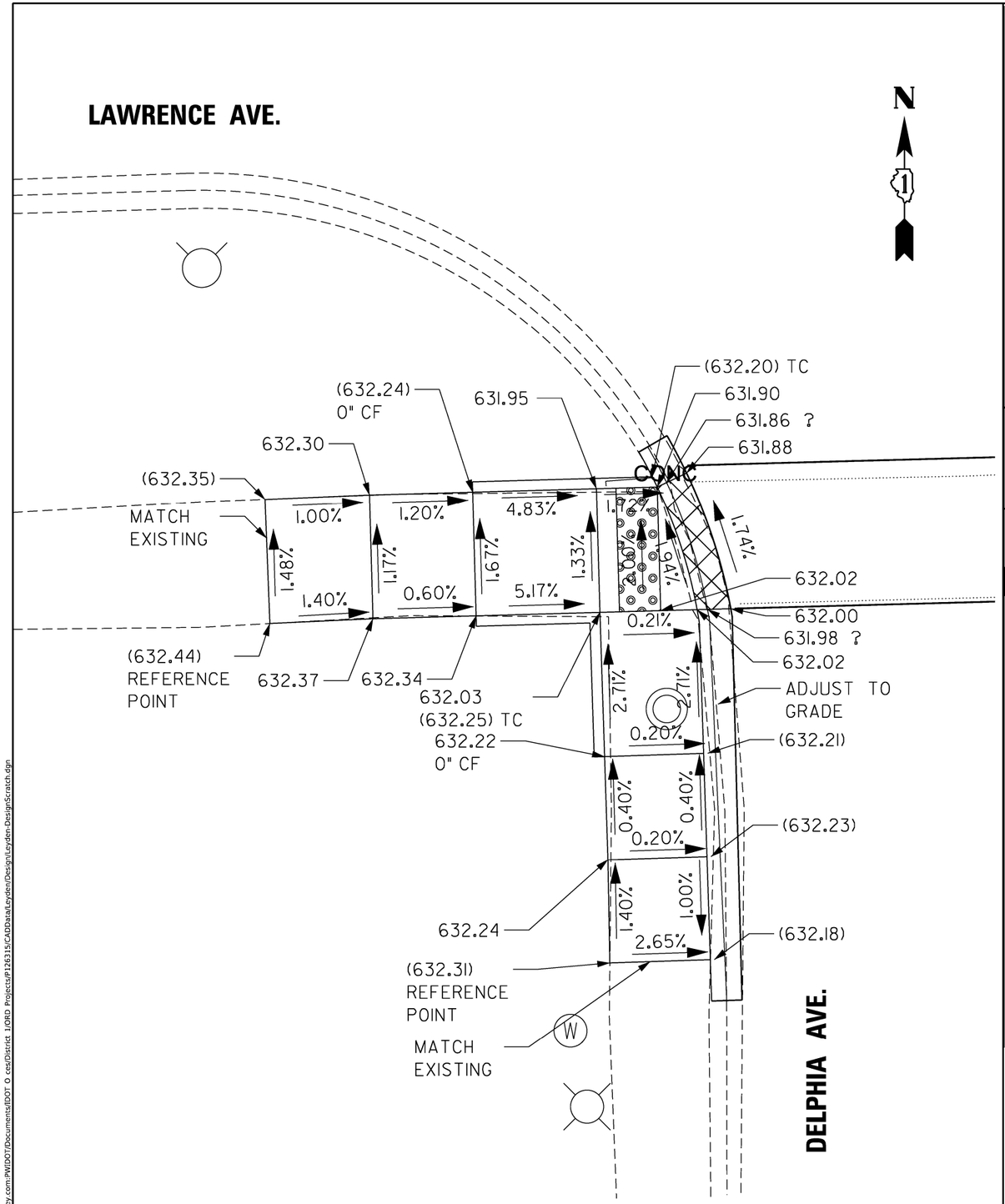
USER NAME = Phillip.Steed	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALES	CHECKED -	REVISED -	
PLOT DATE = 3/30/2025	DATE -	REVISED -	

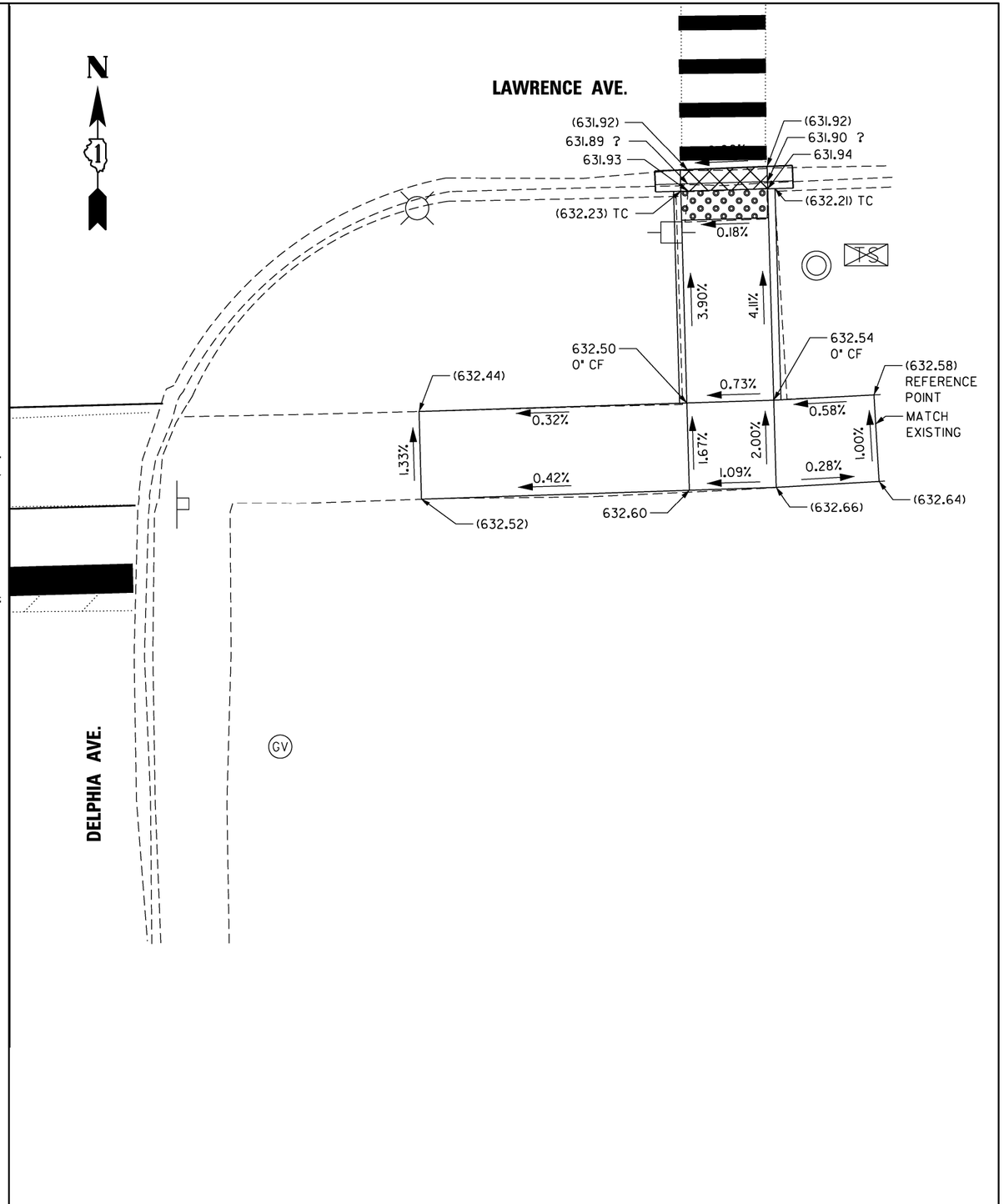
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	79
		CONTRACT NO.: 62P93		
		ILLINOIS	FED. AID PROJECT	





USER NAME = Phillip.Steed	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 3/30/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	80
		CONTRACT NO.: 62P93		
	ILLINOIS	FED. AID PROJECT		

MODEL: Default
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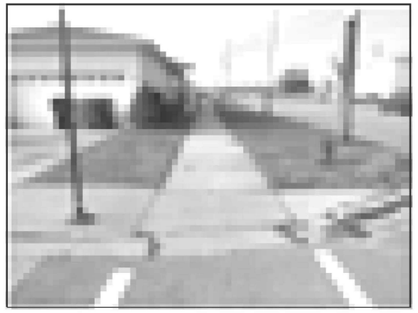
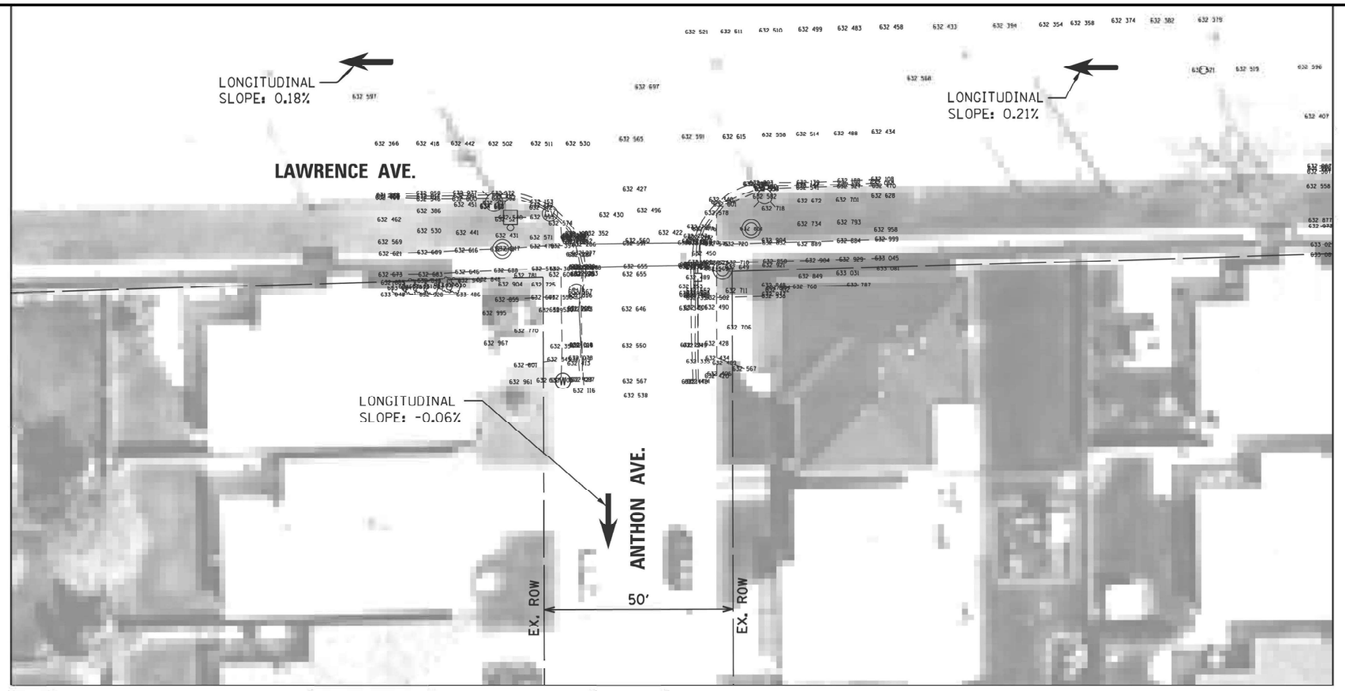
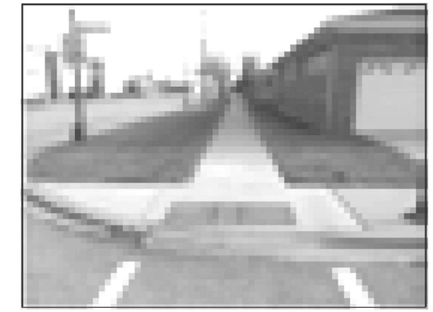


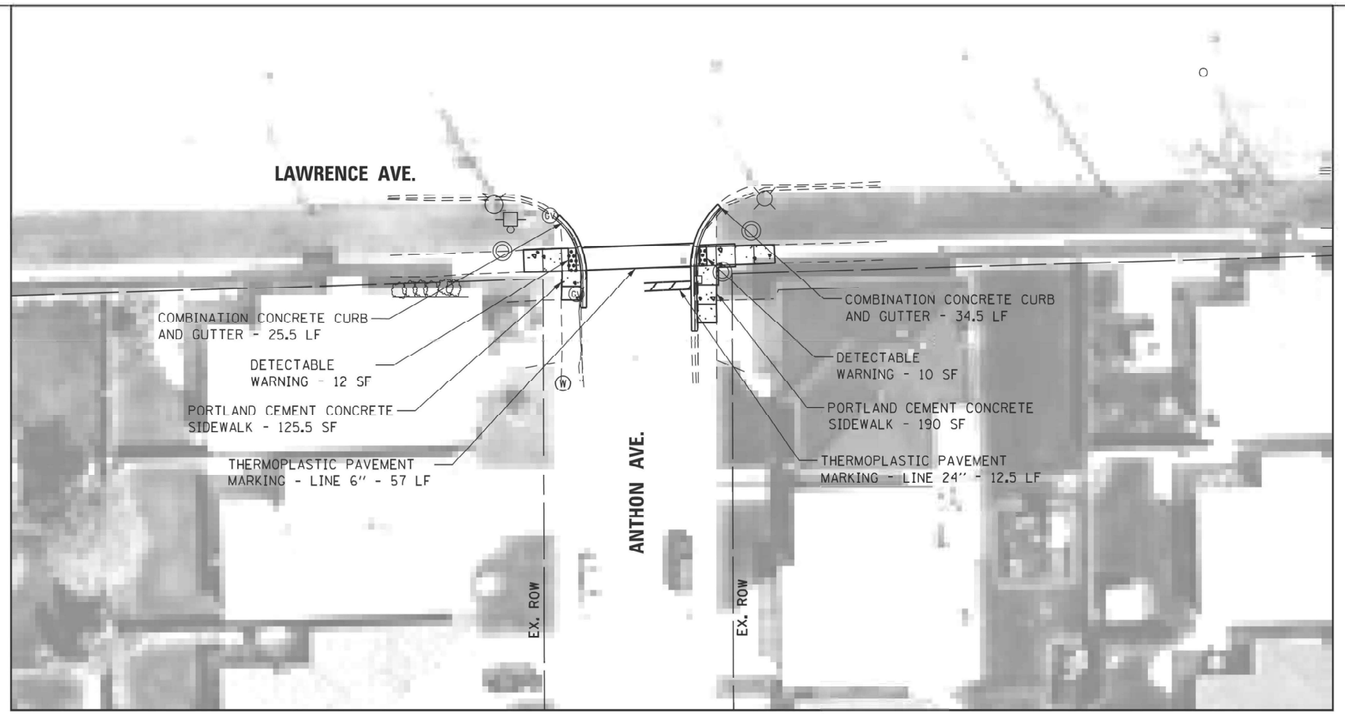
SOUTHWEST CORNER





SOUTHEAST CORNER

EXISTING



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK, (SPECIAL)
- ADA COMPLIANT GRATE
- UTILITY STRUCTURE TO BE ADJUSTED
- UTILITY STRUCTURE TO BE RELOCATED
- COMBINATION CONRETE CURB AND GUTTER
- EXISTING R.O.W. LINE
- SINGLE POST SIGN
- ABOVE GROUND SPLICE BOX
- CONTROLLER BOX
- FIRE HYDRANT
- GUY POLE
- HANDHOLE
- LIGHT STANDARD
- MANHOLE
- POWER LINE
- TELEPHONE
- TRAFFIC SIGNAL
- VEGETATION OUTLINE
- SINGLE TREE OR BUSH

N

0 20 40 60

SCALE IN FEET

NOTE:
PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.

FILE NAME = pw://ildot-pw.bentley.com:PWIDOT/Documents/IDOT Offices/District 1/ORD Projects/P1263	USER NAME = Phillip.Steed	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = 3/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

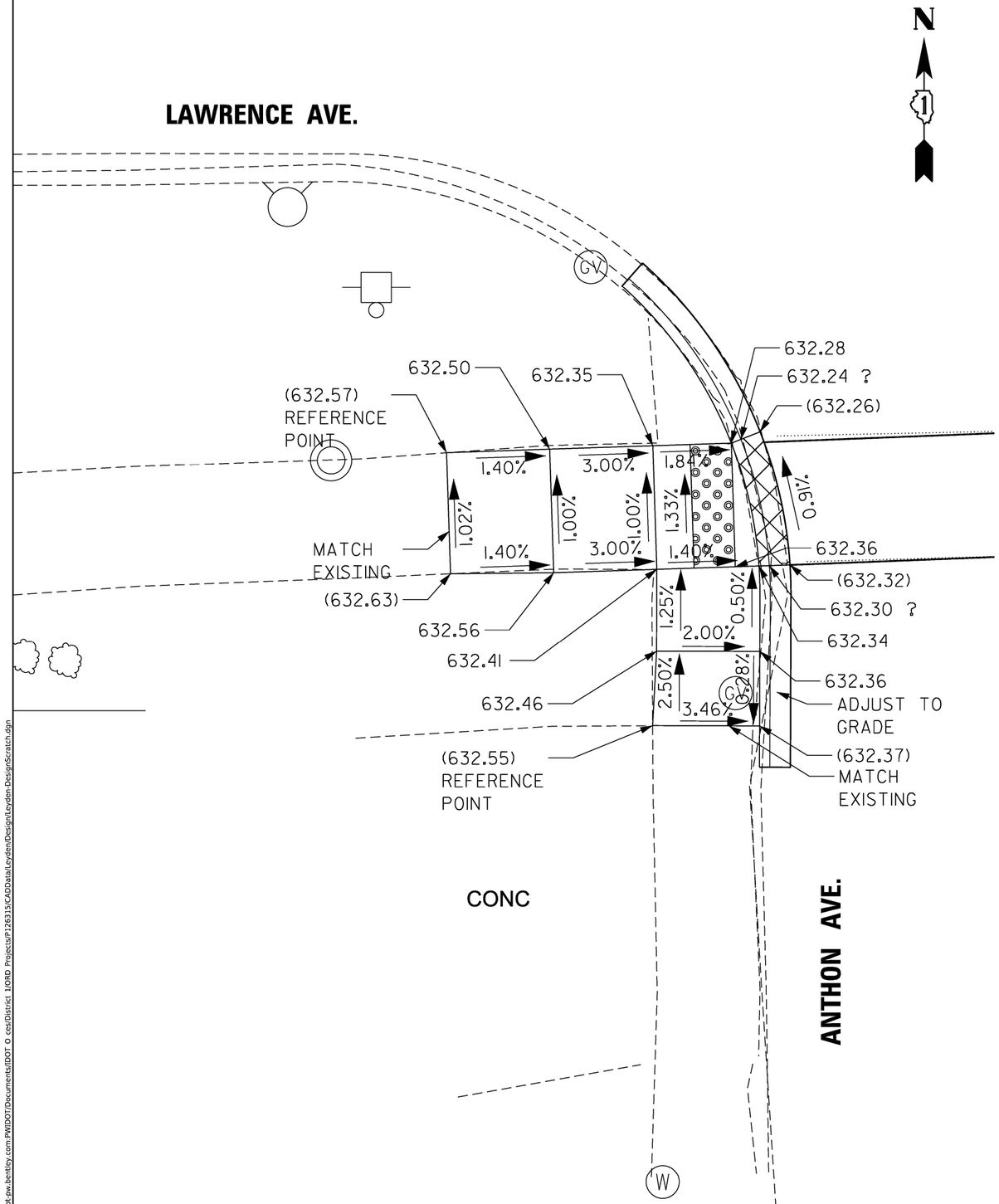
ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

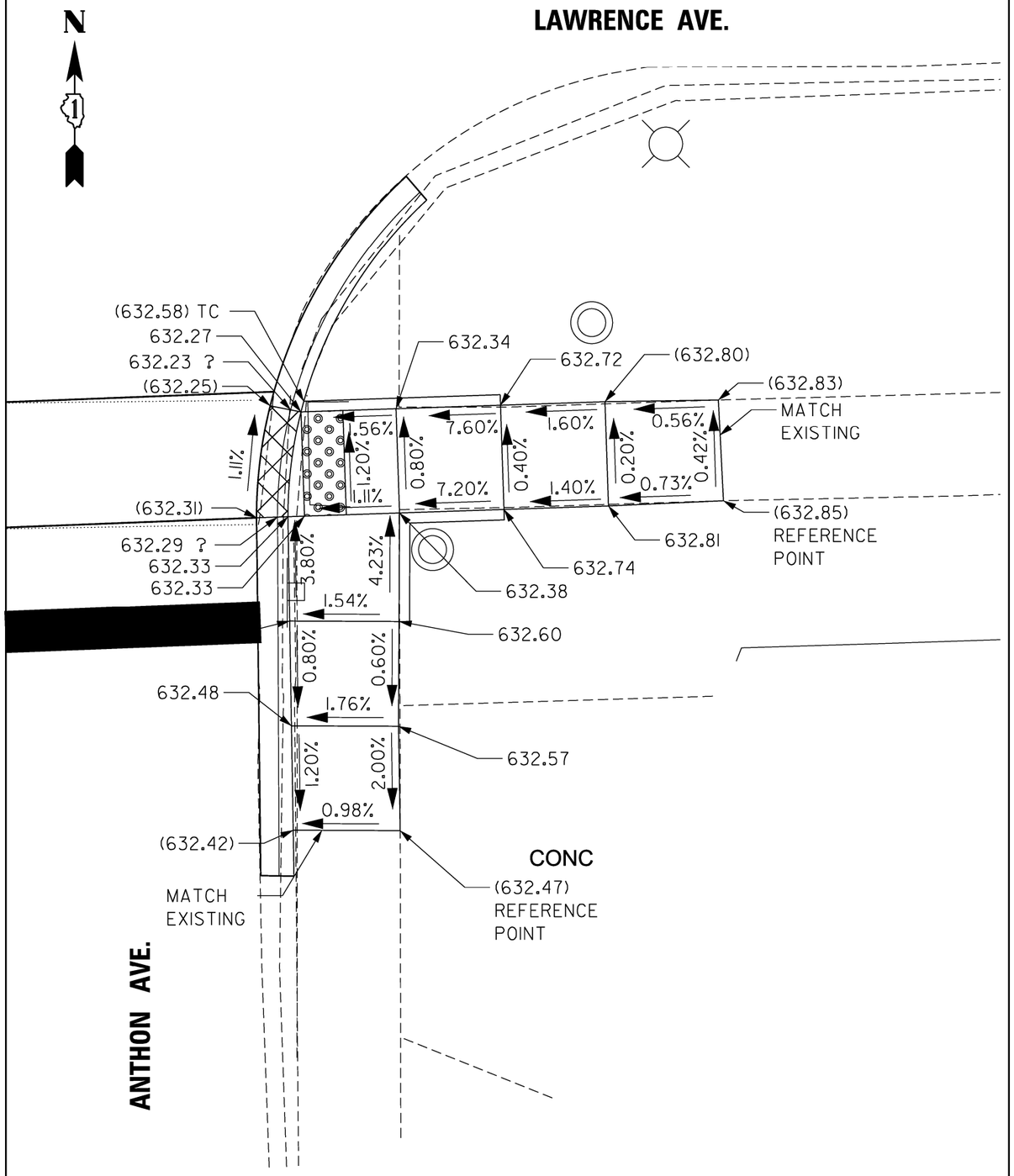
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	81

CONTRACT NO.: 62P93

ILLINOIS | FED. AID PROJECT





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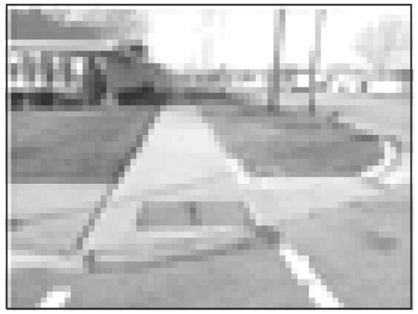
USER NAME = Phillip.Steed	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 3/31/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

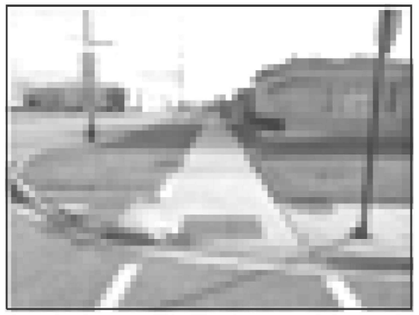
ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

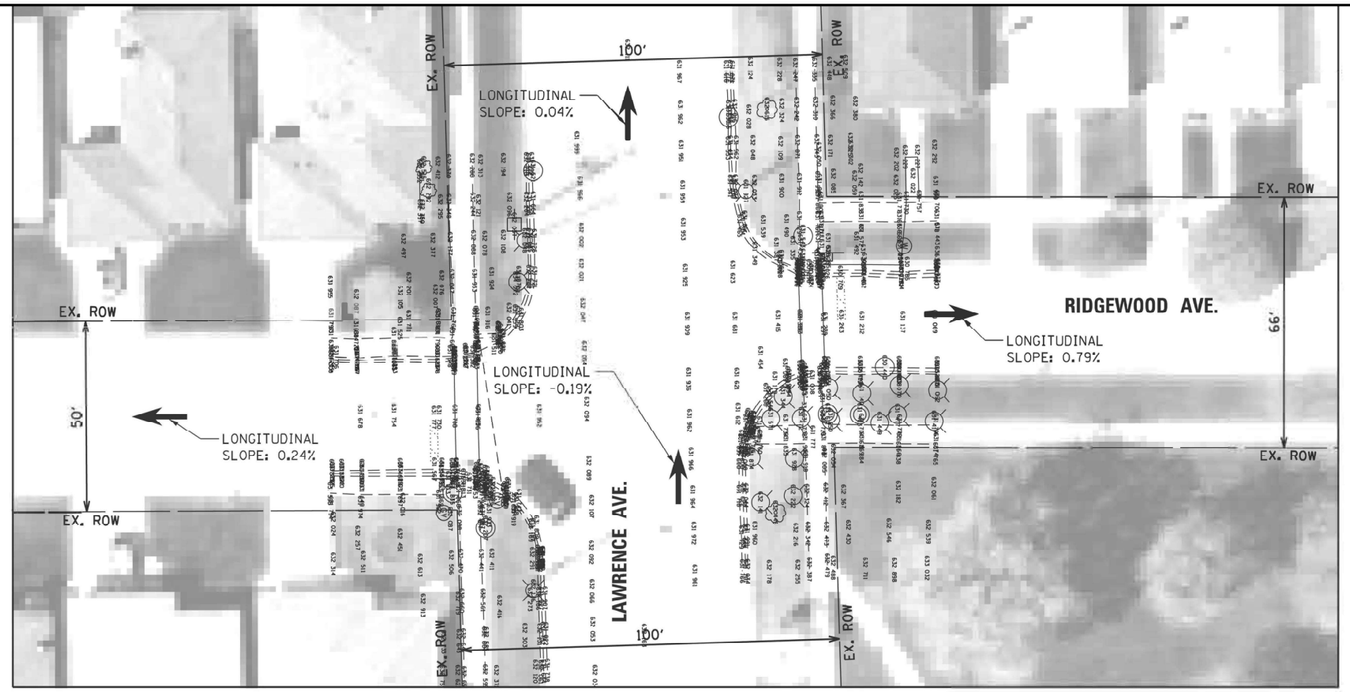
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	82
		CONTRACT NO.: 62P93		
	ILLINOIS	FED. AID PROJECT		



SOUTHWEST CORNER



SOUTHEAST CORNER



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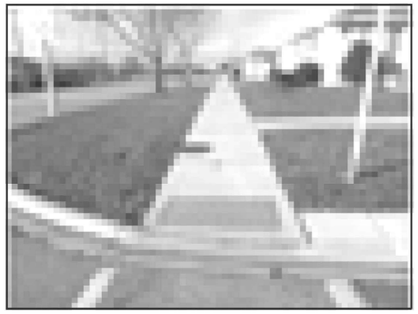
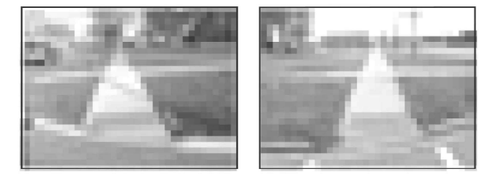
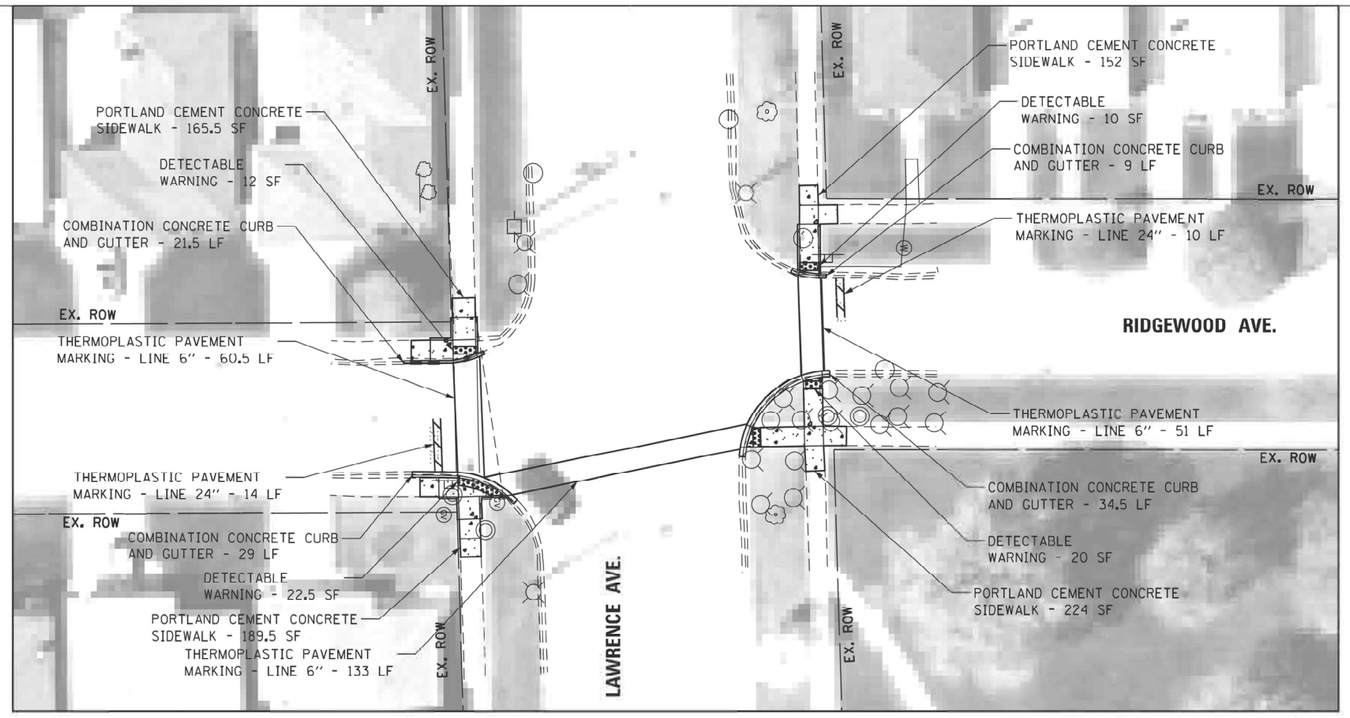


NORTHWEST CORNER



NORTHEAST CORNER



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK, (SPECIAL)
- ADA COMPLIANT GRATE
- UTILITY STRUCTURE TO BE ADJUSTED
- UTILITY STRUCTURE TO BE RELOCATED
- COMBINATION CONRETE CURB AND GUTTER
- EXISTING R.O.W. LINE
- SINGLE POST SIGN
- ABOVE GROUND SPLICE BOX
- CONTROLLER BOX
- FIRE HYDRANT
- GUY POLE
- HANDHOLE
- LIGHT STANDARD
- MANHOLE
- POWER LINE
- TELEPHONE
- TRAFFIC SIGNAL
- VEGETATION OUTLINE
- SINGLE TREE OR BUSH

N

0 20 40 60

SCALE IN FEET

NOTE:
PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.

FILE NAME = pw://ildot-pw.bentley.com:PWIDOT/Documents/IDOT Offices/District 1/ORD Projects/P1263	USER NAME = Phillip.Steed	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = 3/31/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-172-SW	COOK	147	83

CONTRACT NO.: 62P93

ILLINOIS FED. AID PROJECT

CONC

CONC

CONC

RIDGEWOOD AVE.

N

MATCH EXISTING

(631.88)

(631.77) REFERENCE POINT

631.88

2.29%

0.00%

0.60%

630.86

631.80

630.85

630.81 ?

(630.83)

(632.00) REFERENCE POINT

2.31%

1.60%

7.70%

1.51%

1.00%

0.80%

1.20%

1.30%

MATCH EXISTING

1.76%

1.40%

6.89%

(631.92)

631.83

631.76

(630.90)

630.88 ?

630.92

(631.26) TC

LAWRENCE AVE.

RIDGEWOOD AVE.

N

630.84

630.80

630.82

631.78

630.85

MATCH EXISTING

(631.71) REFERENCE POINT

(631.87)

3.27%

1.15%

0.17%

(631.88)

(632.11)

MATCH EXISTING

1.79%

1.00%

1.80%

7.82%

2.00%

0.80%

1.80%

3.43%

1.80%

6.72%

1.00%

3.43%

(630.92)

630.90 ?

630.94

631.74

631.79

(632.02) REFERENCE POINT

LAWRENCE AVE.

MODEL: Default
FILE NAME: pw://idot-pw.bentley.com:PWIDOT/Documents/IDOT Offices/District 1/ORD Projects/P126315/CADData/Leyden/Design/Leyden-DesignScratch.dgn

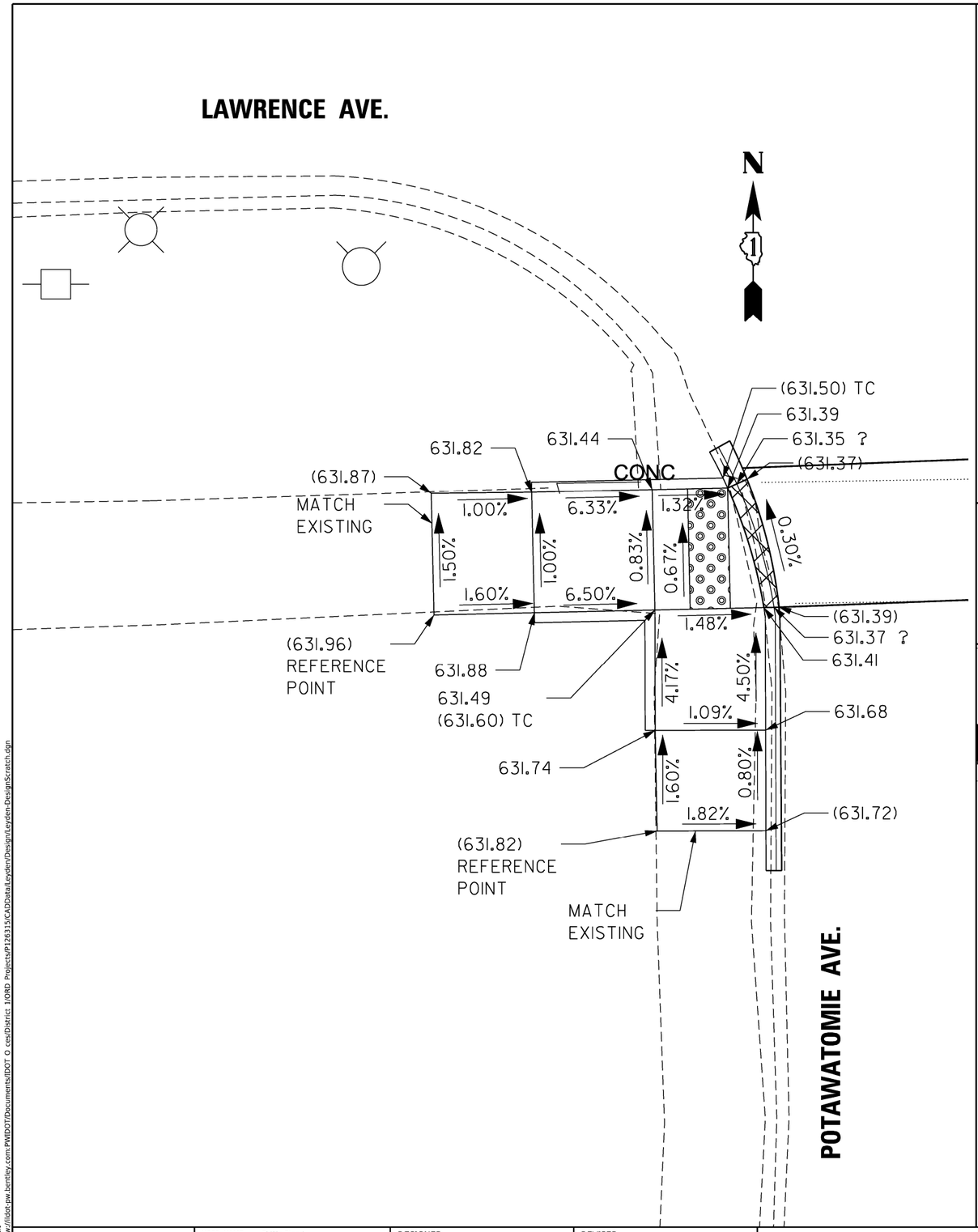
USER NAME = Phillip.Steed	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 3/31/2025	DATE -	REVISED -

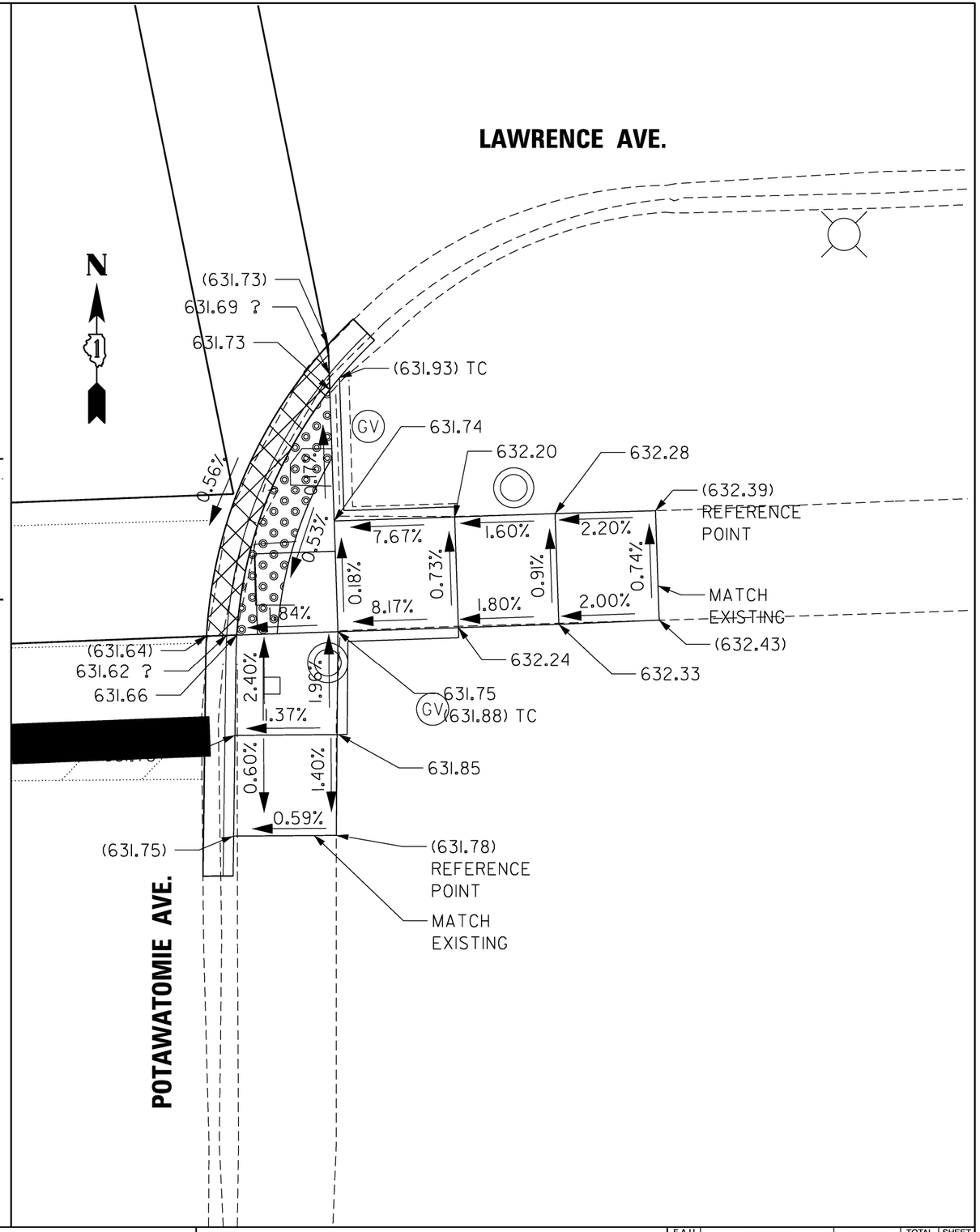
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	84
		CONTRACT NO.: 62P93		
	ILLINOIS FED. AID PROJECT			





USER NAME = Phillip.Steed	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 3/31/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	85

CONTRACT NO.: 62P93

ILLINOIS | FED. AID PROJECT

MODEL: Default
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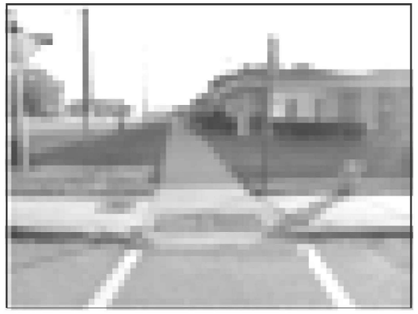
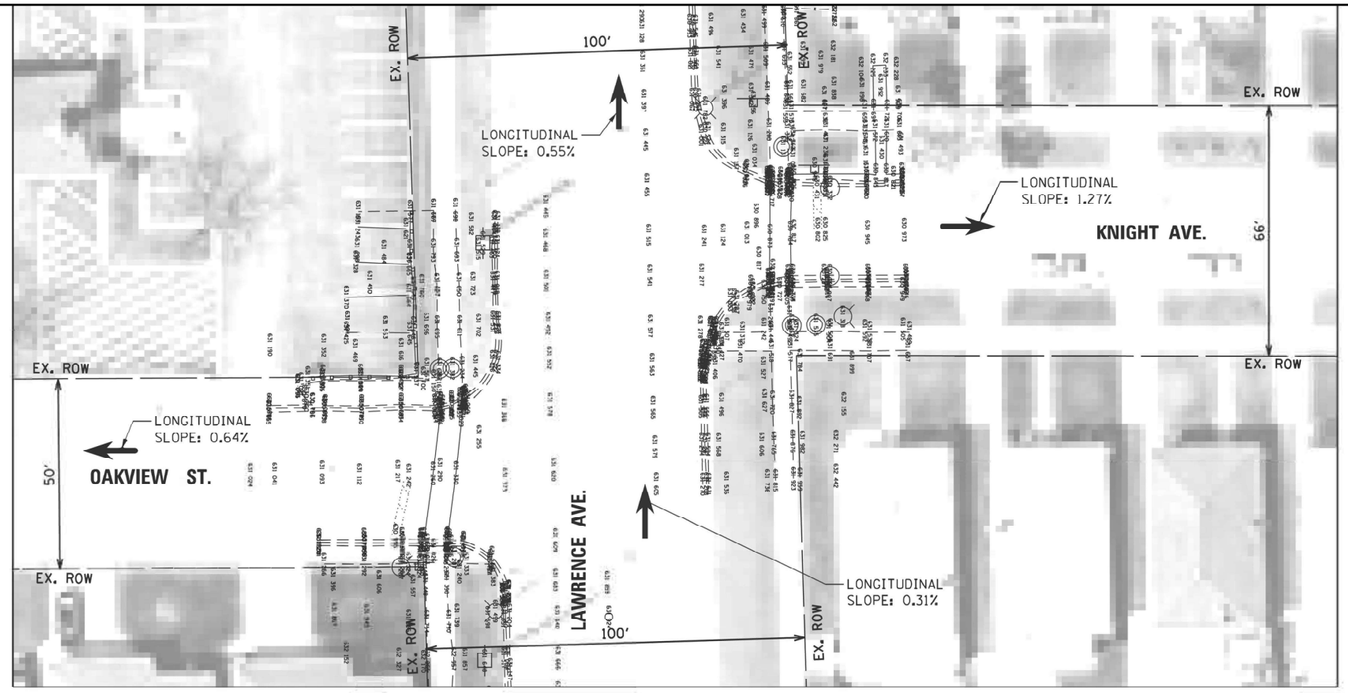
SOUTHWEST CORNER



SOUTHEAST CORNER



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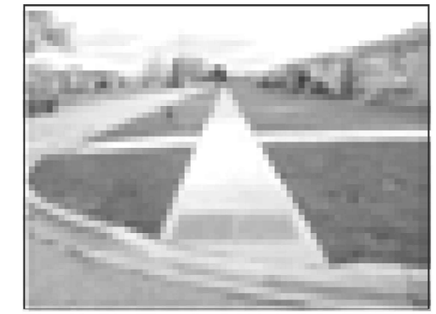
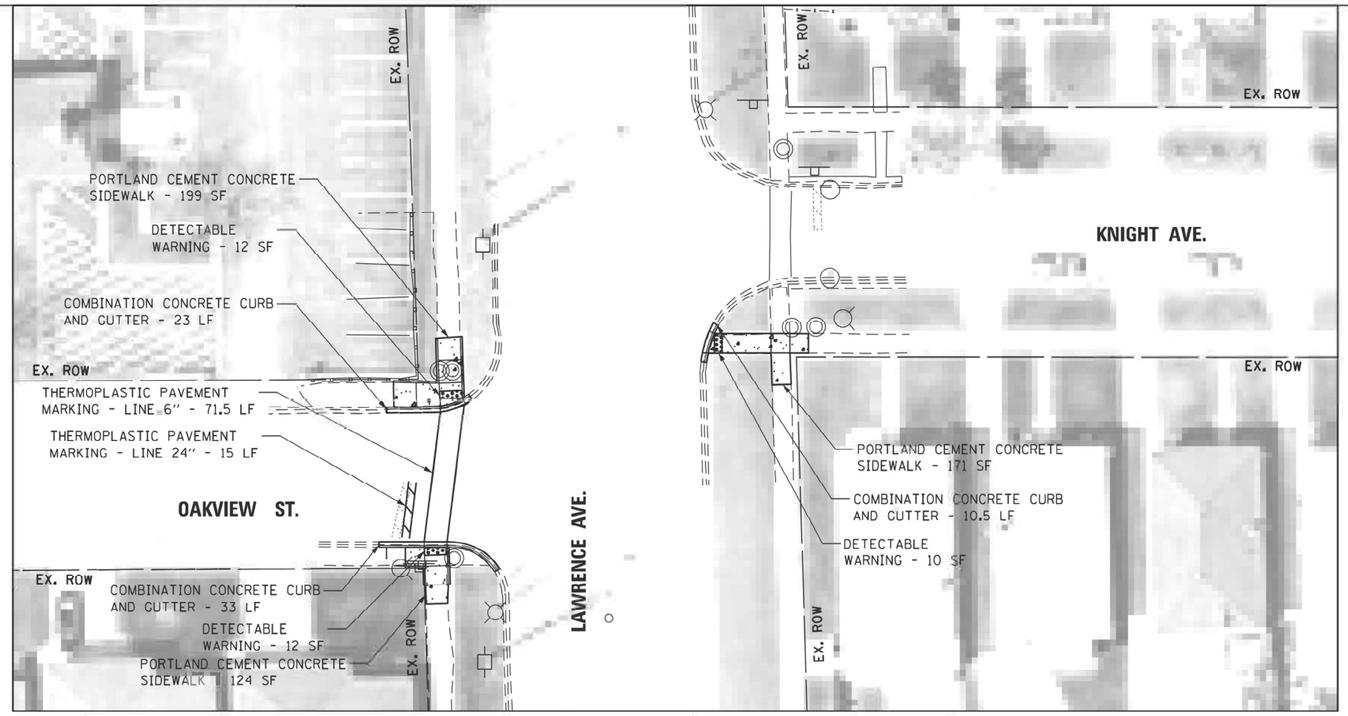


NORTHEAST CORNER



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK, (SPECIAL)
- ADA COMPLIANT GRATE
- UTILITY STRUCTURE TO BE ADJUSTED
- UTILITY STRUCTURE TO BE RELOCATED
- COMBINATION CONRETE CURB AND GUTTER
- EXISTING R.O.W. LINE
- SINGLE POST SIGN
- ABOVE GROUND SPLICE BOX
- CONTROLLER BOX
- FIRE HYDRANT
- GUY POLE
- HANDHOLE
- LIGHT STANDARD
- MANHOLE
- POWER LINE
- TELEPHONE
- TRAFFIC SIGNAL
- VEGETATION OUTLINE
- SINGLE TREE OR BUSH

N

0 20 40 60

SCALE IN FEET

NOTE:
PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.

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	PLOT DATE = 3/31/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

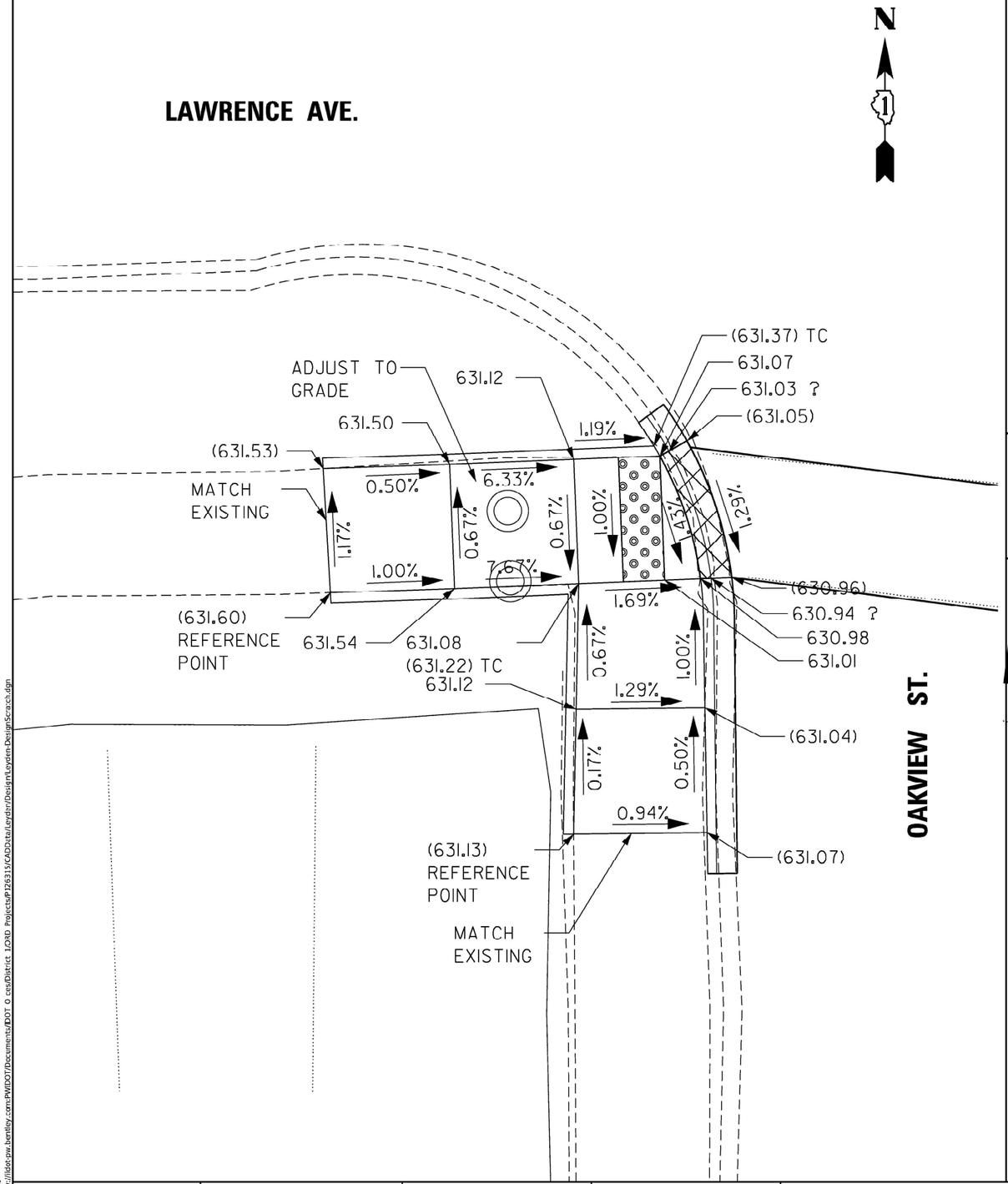
ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

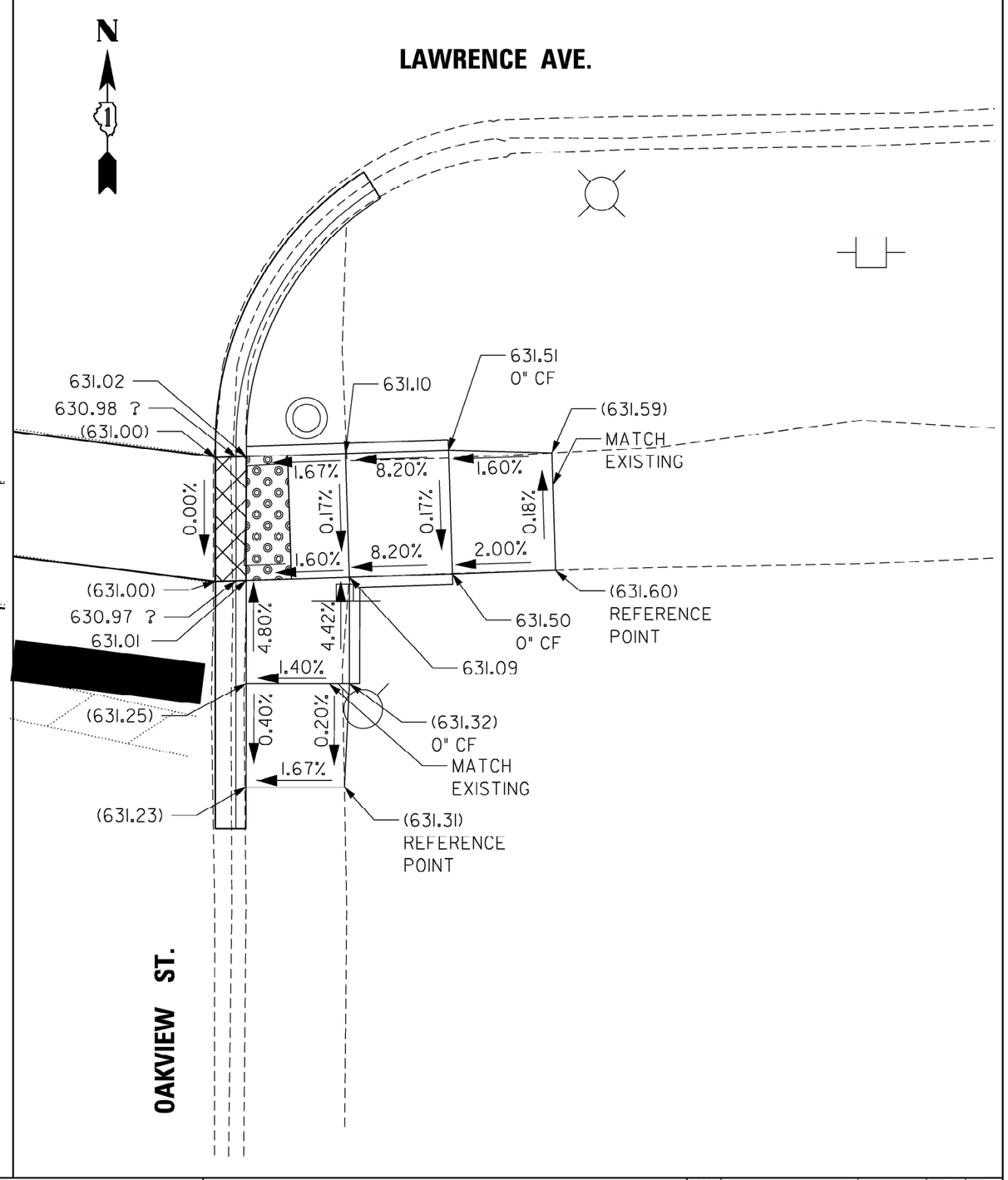
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	86

CONTRACT NO.: 62P93

ILLINOIS | FED. AID PROJECT





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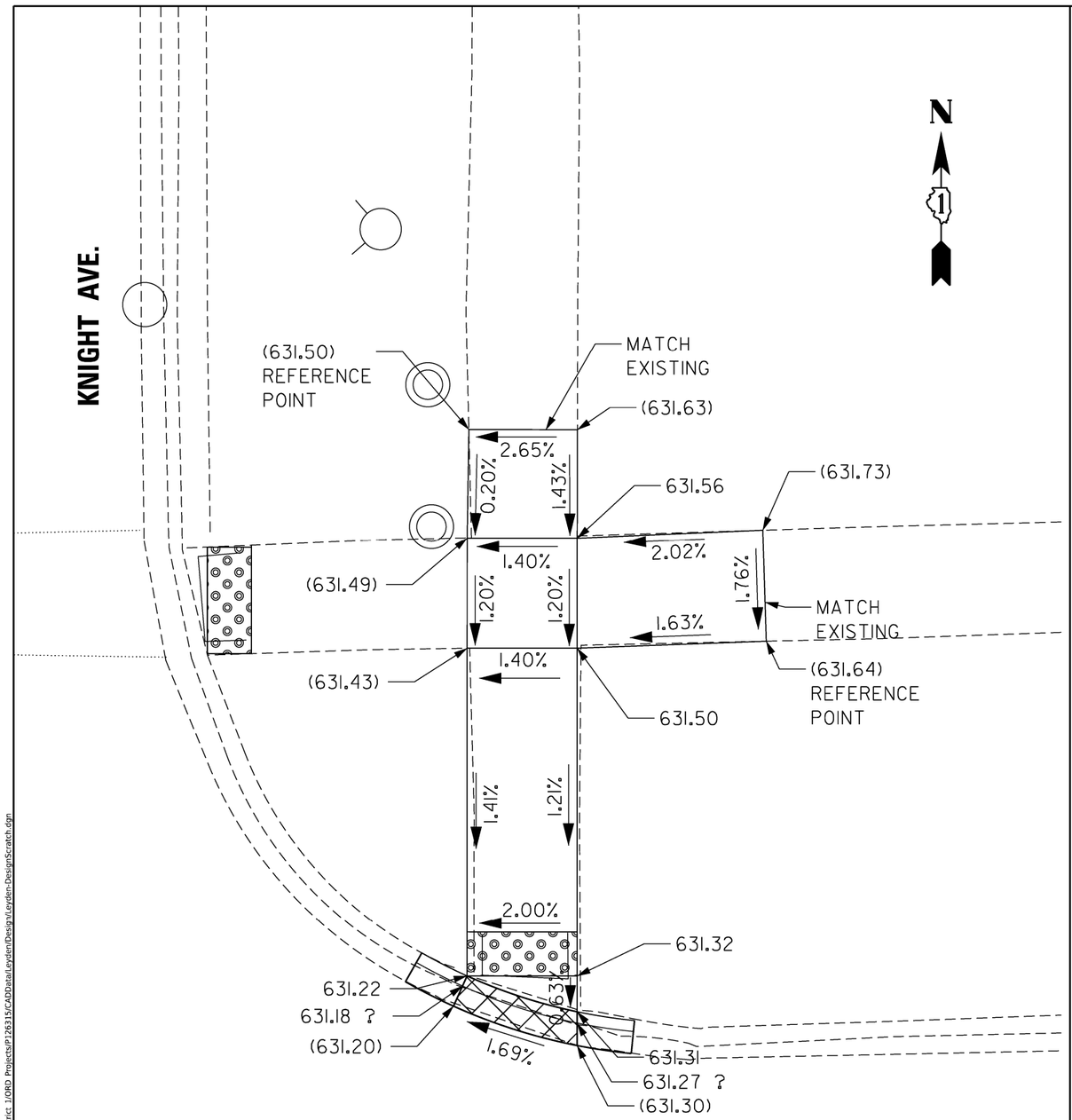
USER NAME = Phillip.Steed	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 3/31/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	87
		CONTRACT NO.: 62P93		
		ILLINOIS	FED. AID PROJECT	



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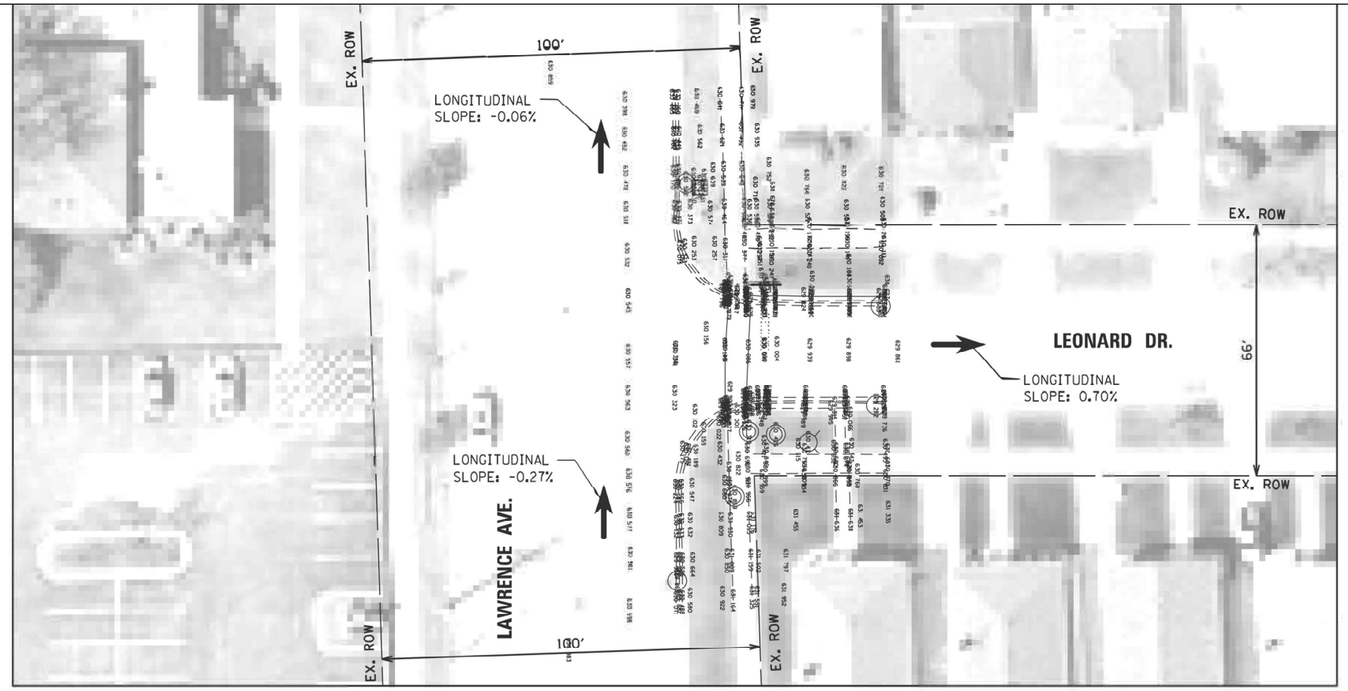
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 3/31/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

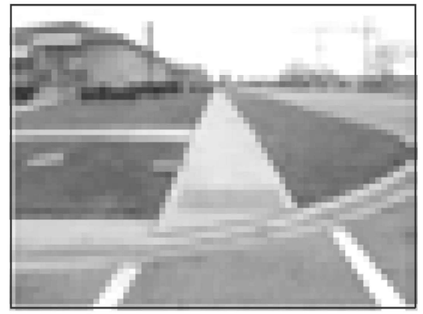
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	88
		CONTRACT NO.: 62P93		
	ILLINOIS	FED. AID PROJECT		



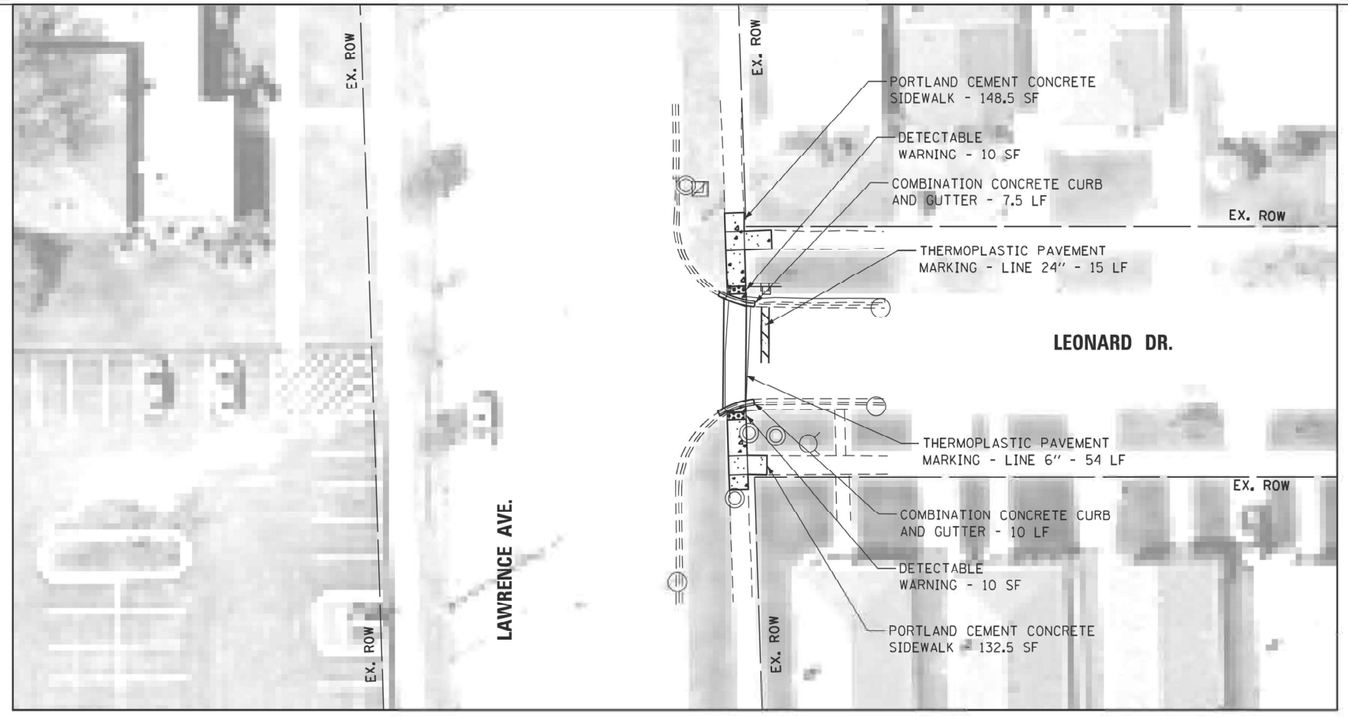
EXISTING



NORTHWEST CORNER



NORTHEAST CORNER



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK. (SPECIAL)
- ADA COMPLIANT GRATE
- UTILITY STRUCTURE TO BE ADJUSTED
- UTILITY STRUCTURE TO BE RELOCATED
- COMBINATION CONRETE CURB AND GUTTER
- EXISTING R.O.W. LINE
- SINGLE POST SIGN
- ABOVE GROUND SPLICE BOX
- CONTROLLER BOX
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- TELEPHONE
- TRAFFIC SIGNAL
- VEGETATION OUTLINE
- SINGLE TREE OR BUSH

NOTE:
PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.

0 20 40 60
SCALE IN FEET

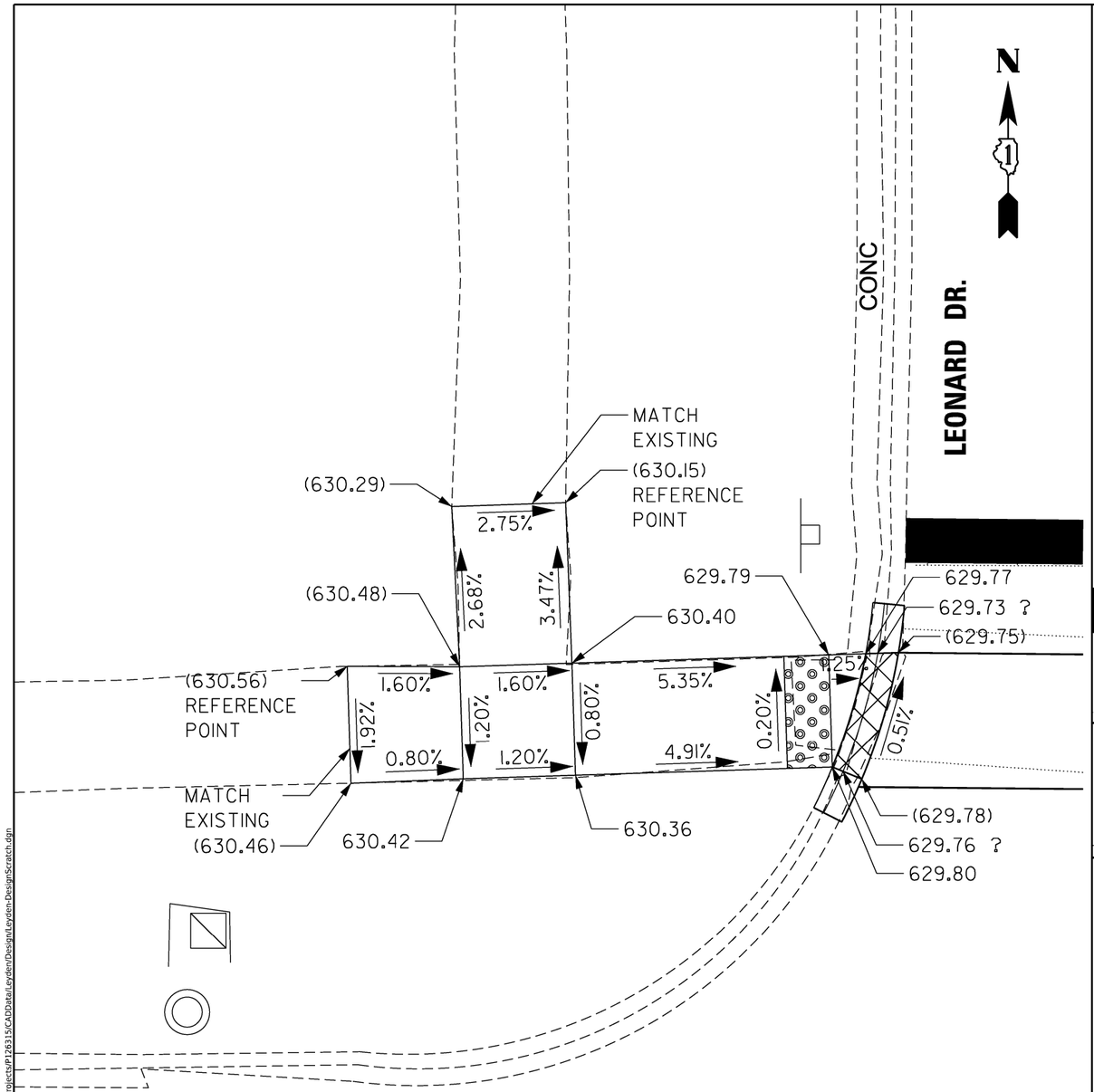
FILE NAME = pw://idot-pw.bentley.com:PWIDOT/Documents/IDOT Offices/District 1/ORD Projects/P1263 5 Data/Leyden/Design/Leyden-DesignScr.dgn	USER NAME = Phillip.Steed	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = 3/31/2025	DATE -	REVISED -

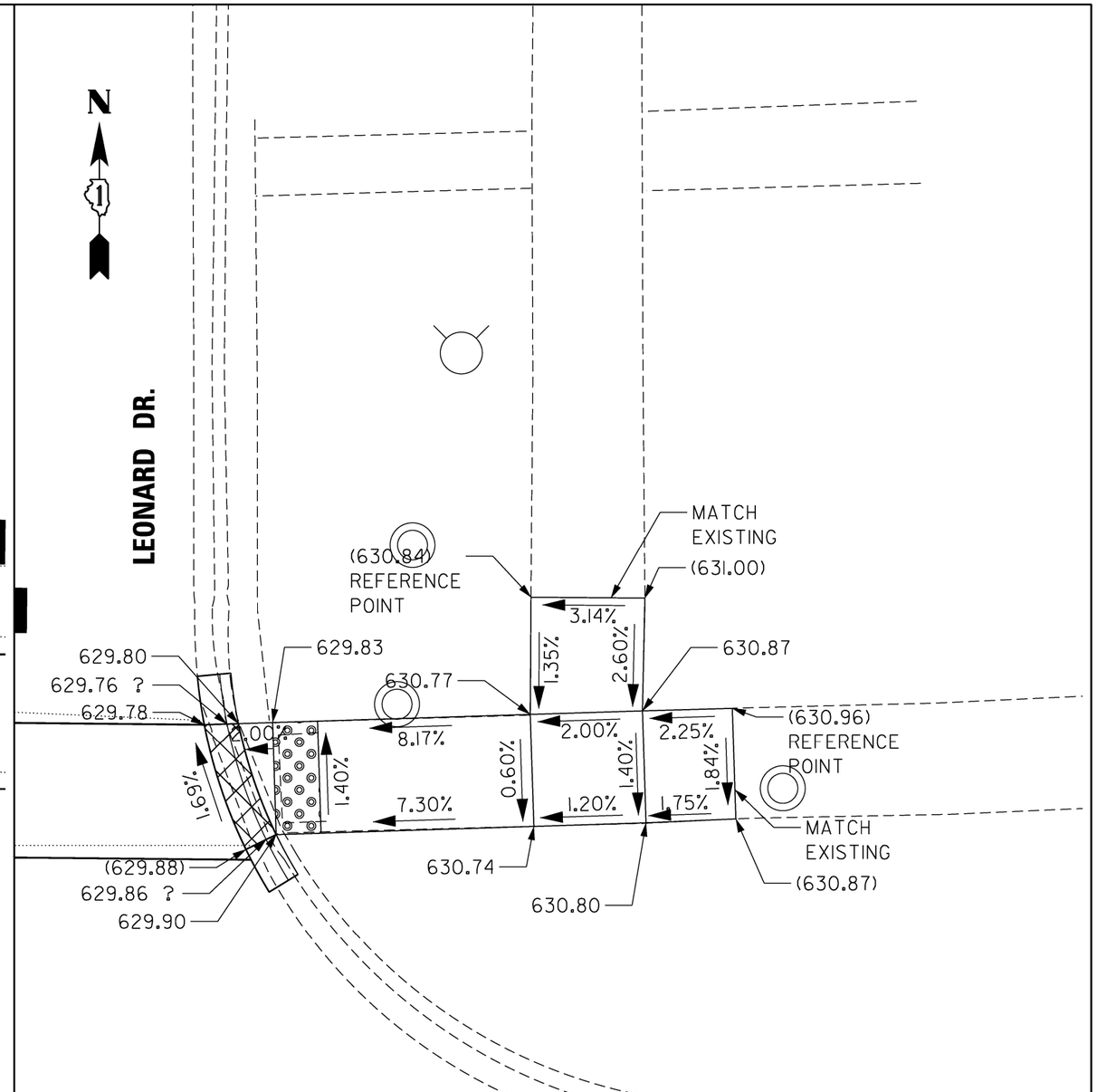
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021 172 SW	COOK	147	89
		CONTRACT NO.: 62P93		
	ILLINOIS FED. AID PROJECT			





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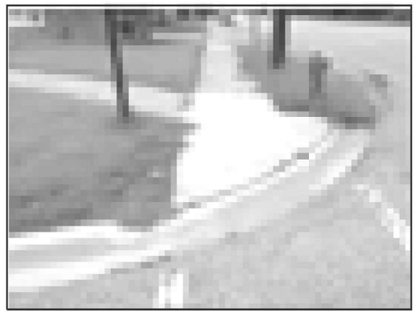
USER NAME = Phillip.Steed	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 3/31/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

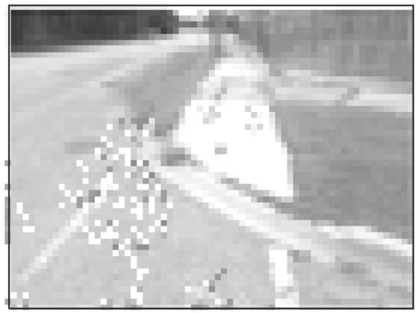
ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

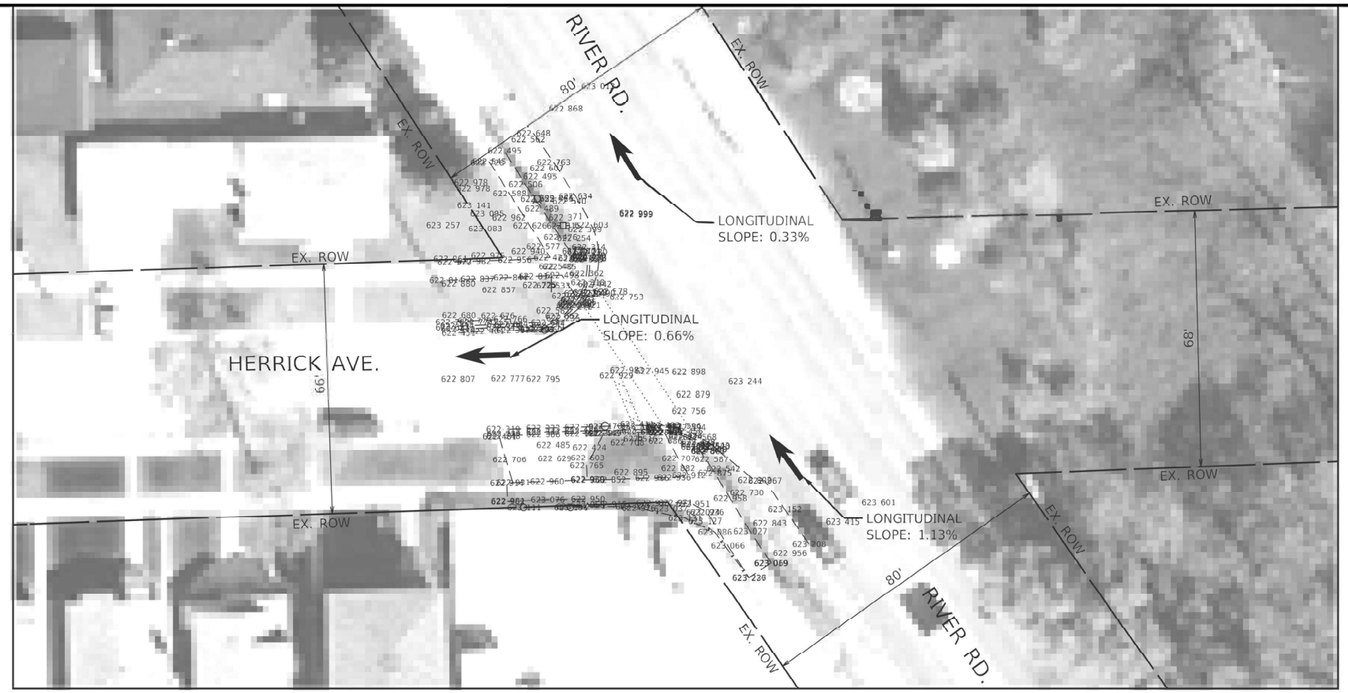
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	90
		CONTRACT NO.: 62P93		
	ILLINOIS	FED. AID PROJECT		



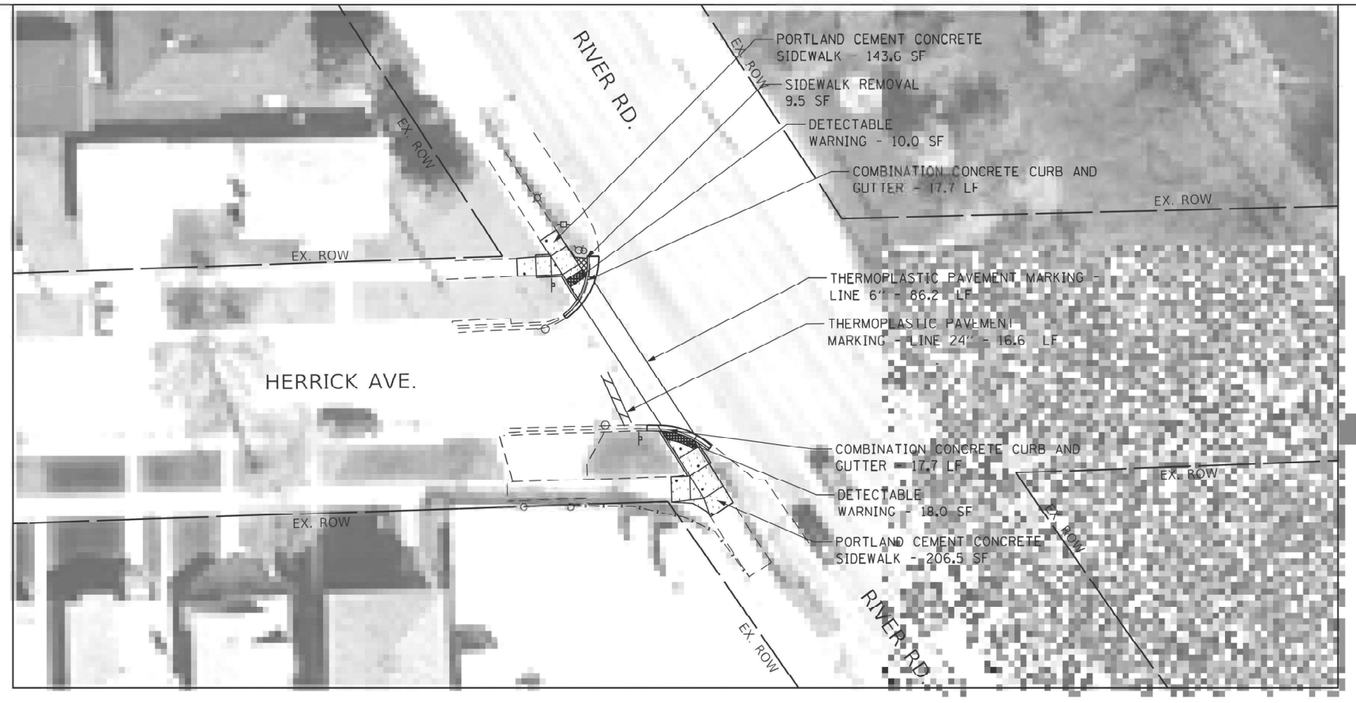
NORTHWEST CORNER



SOUTHWEST CORNER



EXISTING



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- COMBINATION CONRETE CURB AND GUTTER
- EXISTING R.O.W. LINE
- SINGLE POST SIGN
- ABOVE GROUND SPLICE BOX
- CONTROLLER BOX
- FIRE HYDRANT
- GUY POLE
- HANDHOLE
- LIGHT STANDARD
- MANHOLE
- POWER LINE
- TELEPHONE
- TRAFFIC SIGNAL
- VEGETATION OUTLINE
- SINGLE TREE OR BUSH

N

0 20 40 60

SCALE IN FEET

NOTE:
PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.

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		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = 3/31/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

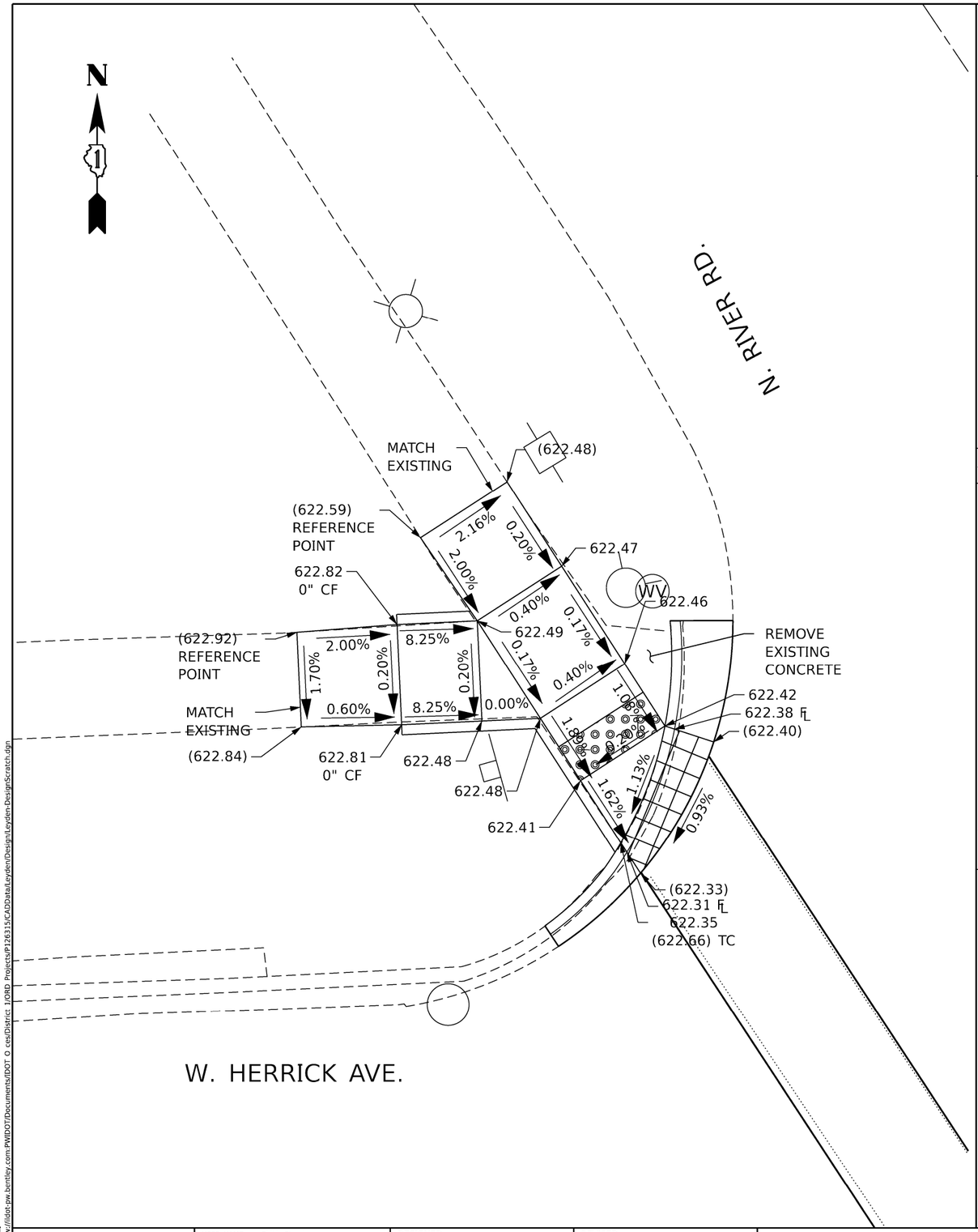
ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

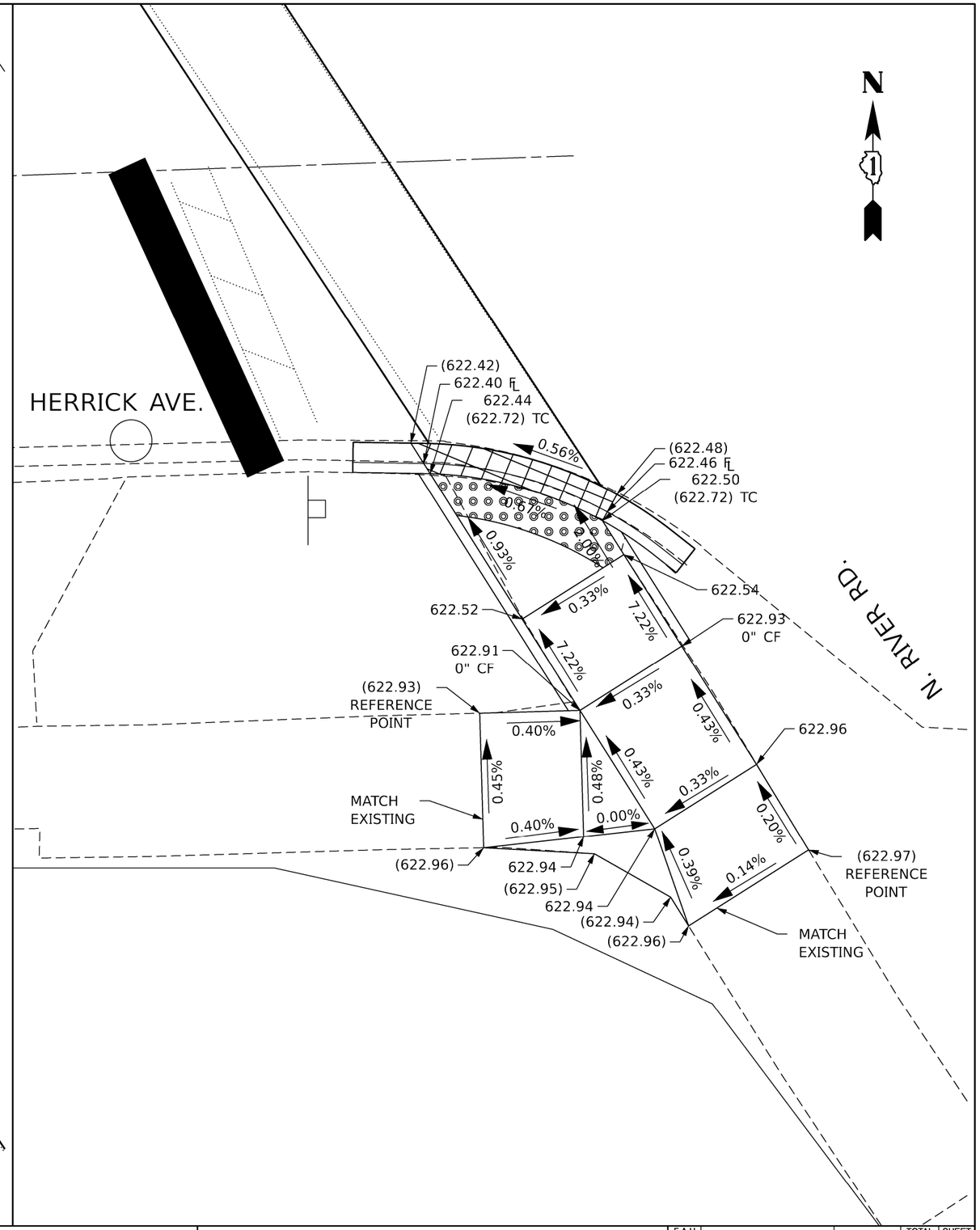
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	91

CONTRACT NO.: 62P93

ILLINOIS | FED. AID PROJECT





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	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 3/31/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	92
		CONTRACT NO.: 62P93		
		ILLINOIS	FED. AID PROJECT	

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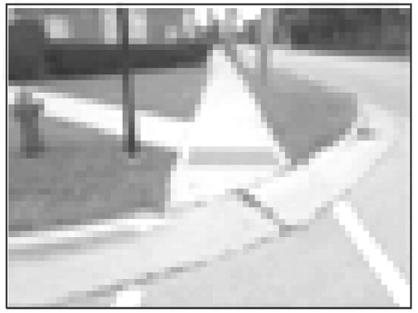
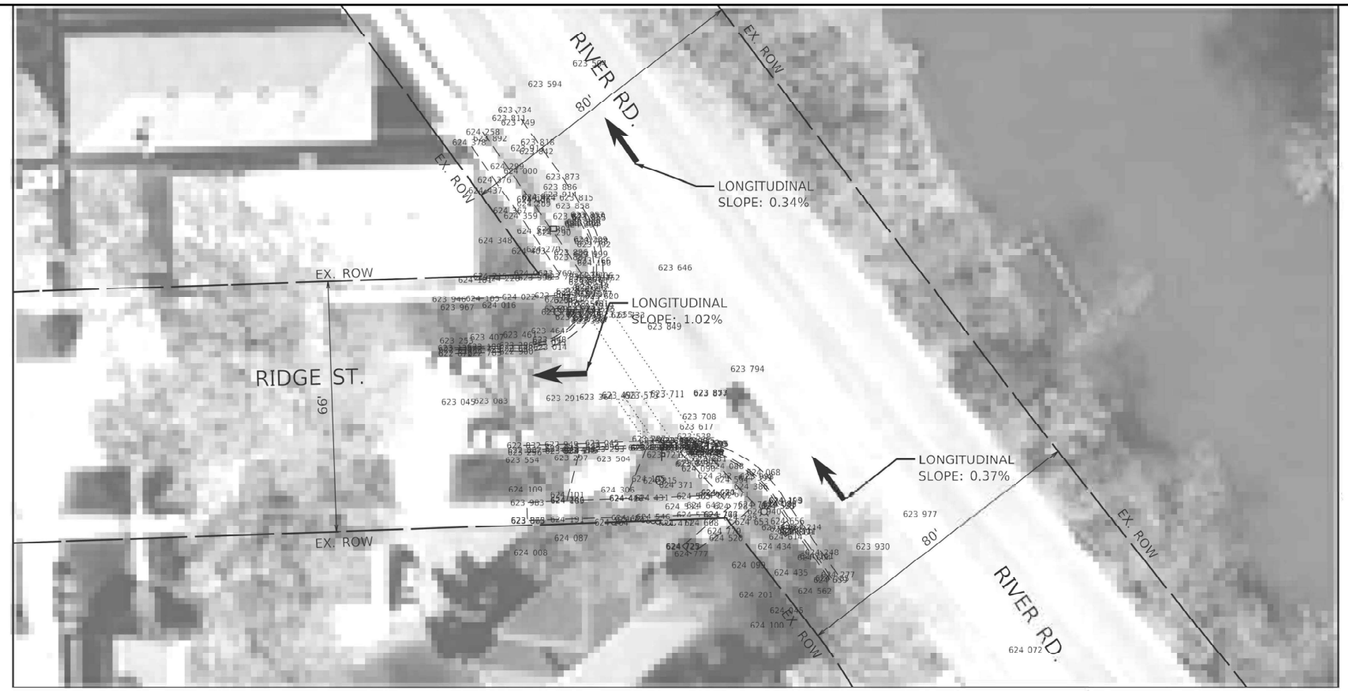


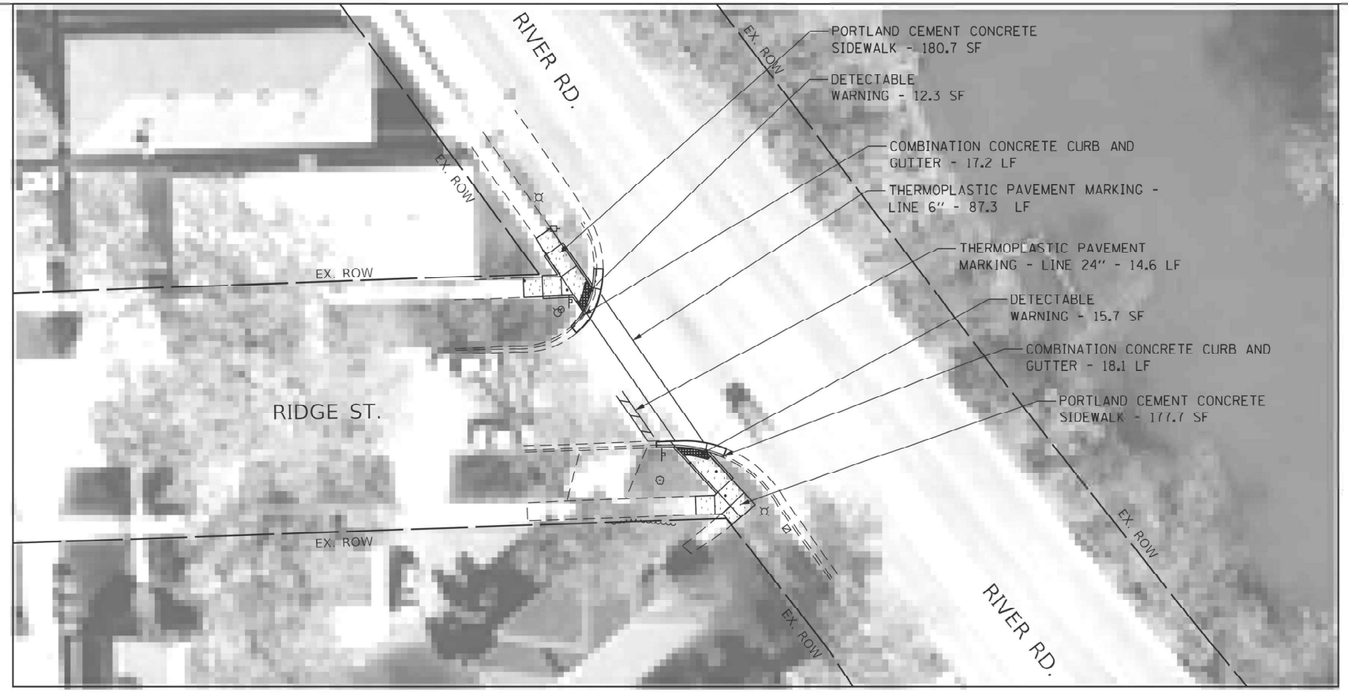
NORTHWEST CORNER



SOUTHWEST CORNER



EXISTING



PROPOSED

NOTE:
PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- COMBINATION CONRETE CURB AND GUTTER
- EXISTING R.O.W. LINE
- SINGLE POST SIGN
- ABOVE GROUND SPLICE BOX
- CONTROLLER BOX
- FIRE HYDRANT
- GUY POLE
- HANDHOLE
- LIGHT STANDARD
- MANHOLE
- POWER LINE
- TELEPHONE
- TRAFFIC SIGNAL
- VEGETATION OUTLINE
- SINGLE TREE OR BUSH

N

0 20 40 60
SCALE IN FEET

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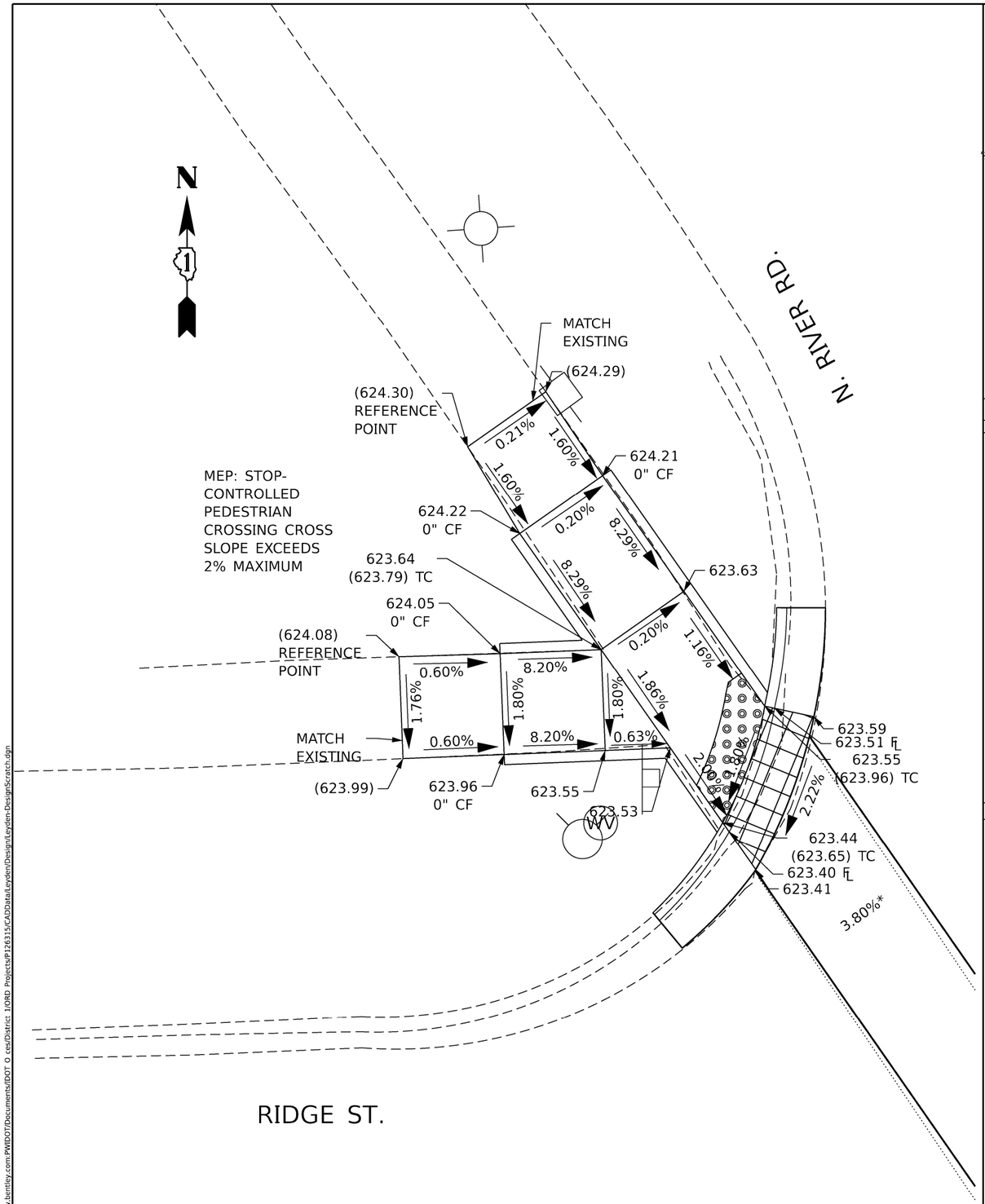
	PLOT DATE = 3/31/2025	DATE -	REVISED -

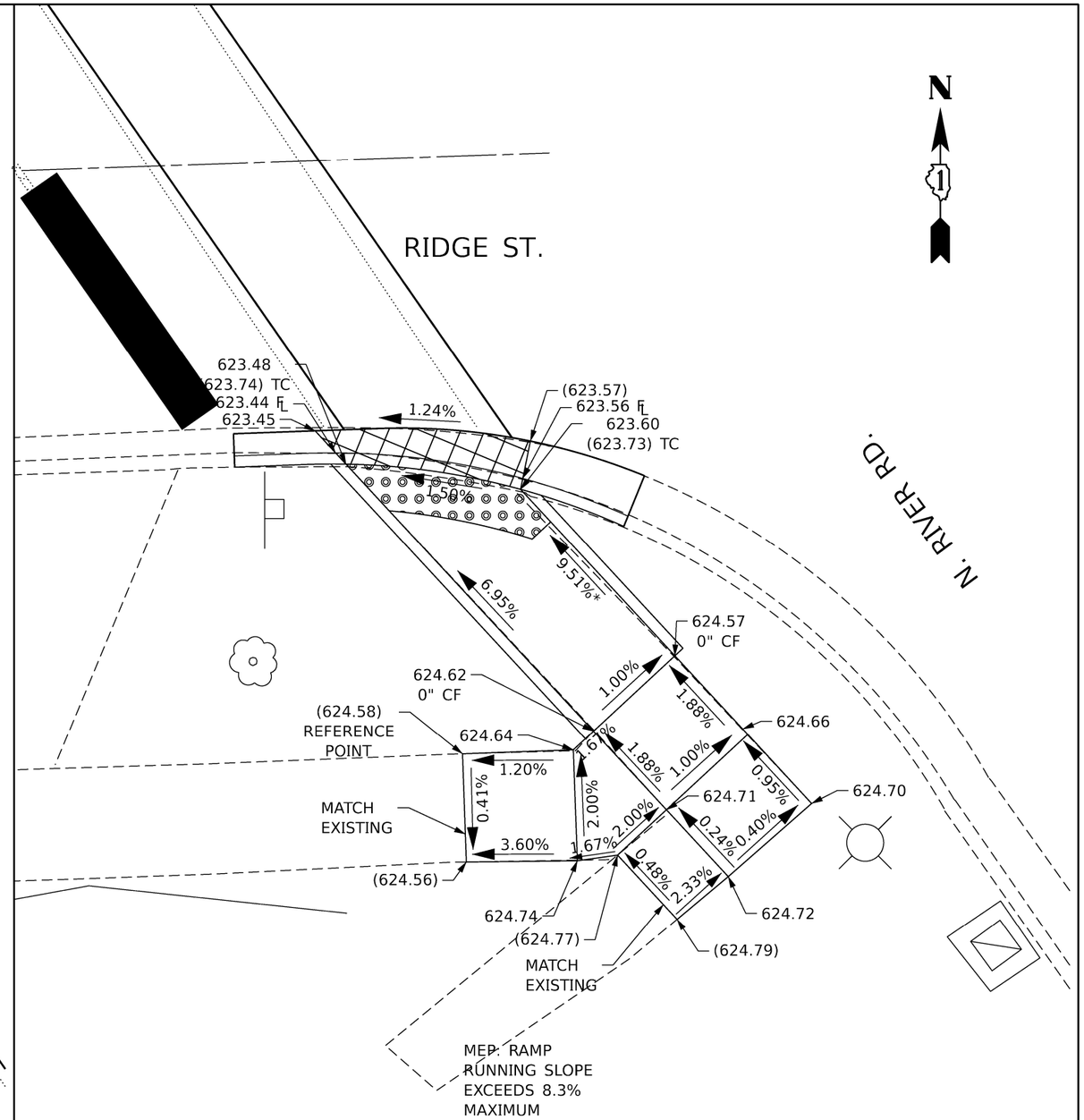
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	93
		CONTRACT NO.: 62P93		
	ILLINOIS FED. AID PROJECT			





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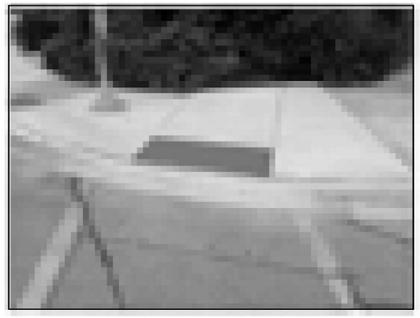
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 3/31/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

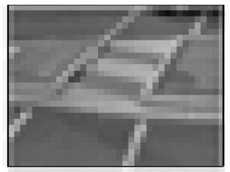
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	94
		CONTRACT NO.: 62P93		
	ILLINOIS FED. AID PROJECT			



NORTHWEST CORNER



N MEDIAN W



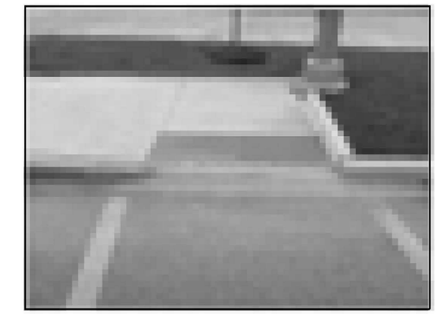
N MEDIAN E



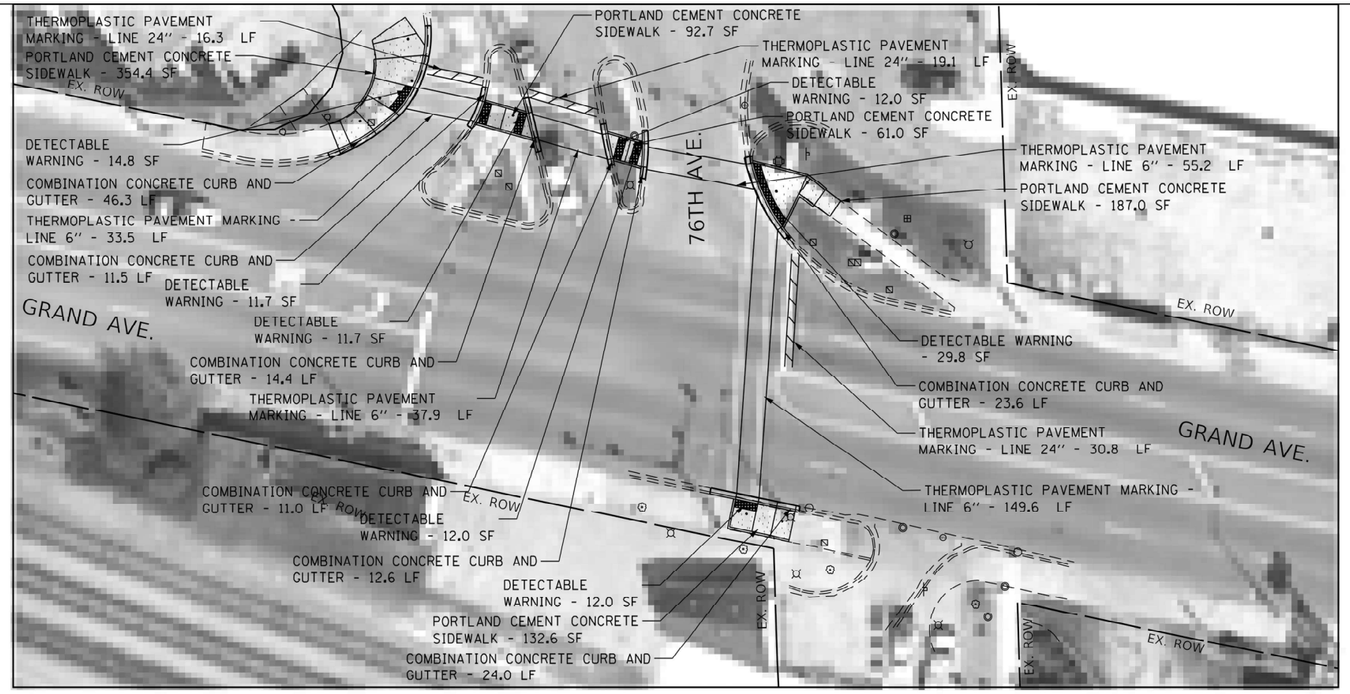
EXISTING



NORTHEAST CORNER



SOUTHEAST SIDE



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- COMBINATION CONRETE CURB AND GUTTER
- EXISTING R.O.W. LINE
- SINGLE POST SIGN
- ABOVE GROUND SPLICE BOX
- CONTROLLER BOX
- FIRE HYDRANT
- GUY POLE
- HANDHOLE
- LIGHT STANDARD
- MANHOLE
- POWER LINE
- TELEPHONE
- TRAFFIC SIGNAL
- VEGETATION OUTLINE
- SINGLE TREE OR BUSH

N

0 20 40 60

SCALE IN FEET

NOTE:
PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.

FILE NAME = pw://ildot-pw.bentley.com:PWIDOT/Documents/IDOT Offices/District 1/ORD Projects/P1263	USER NAME = Phillip.Steed	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = 3/31/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

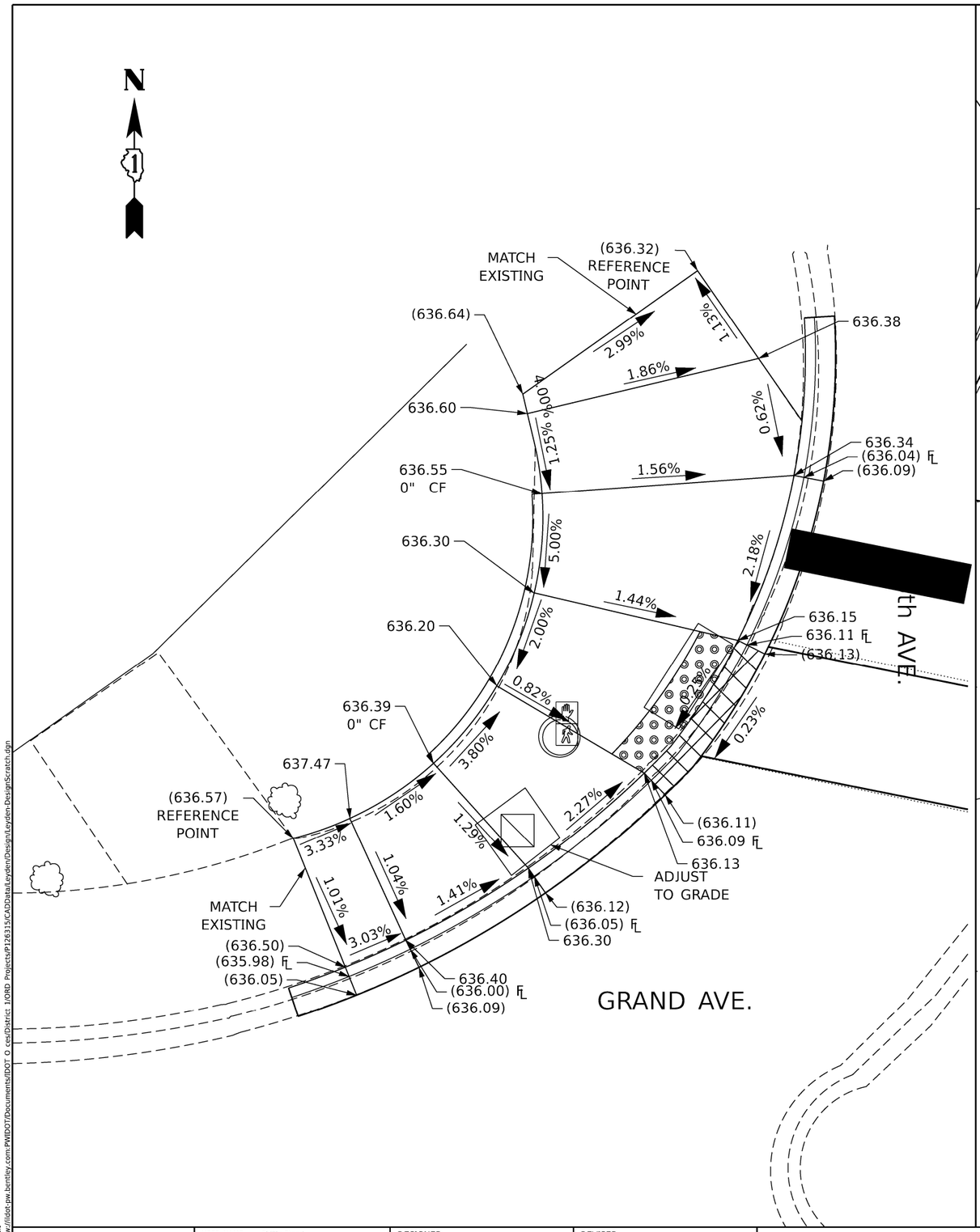
ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

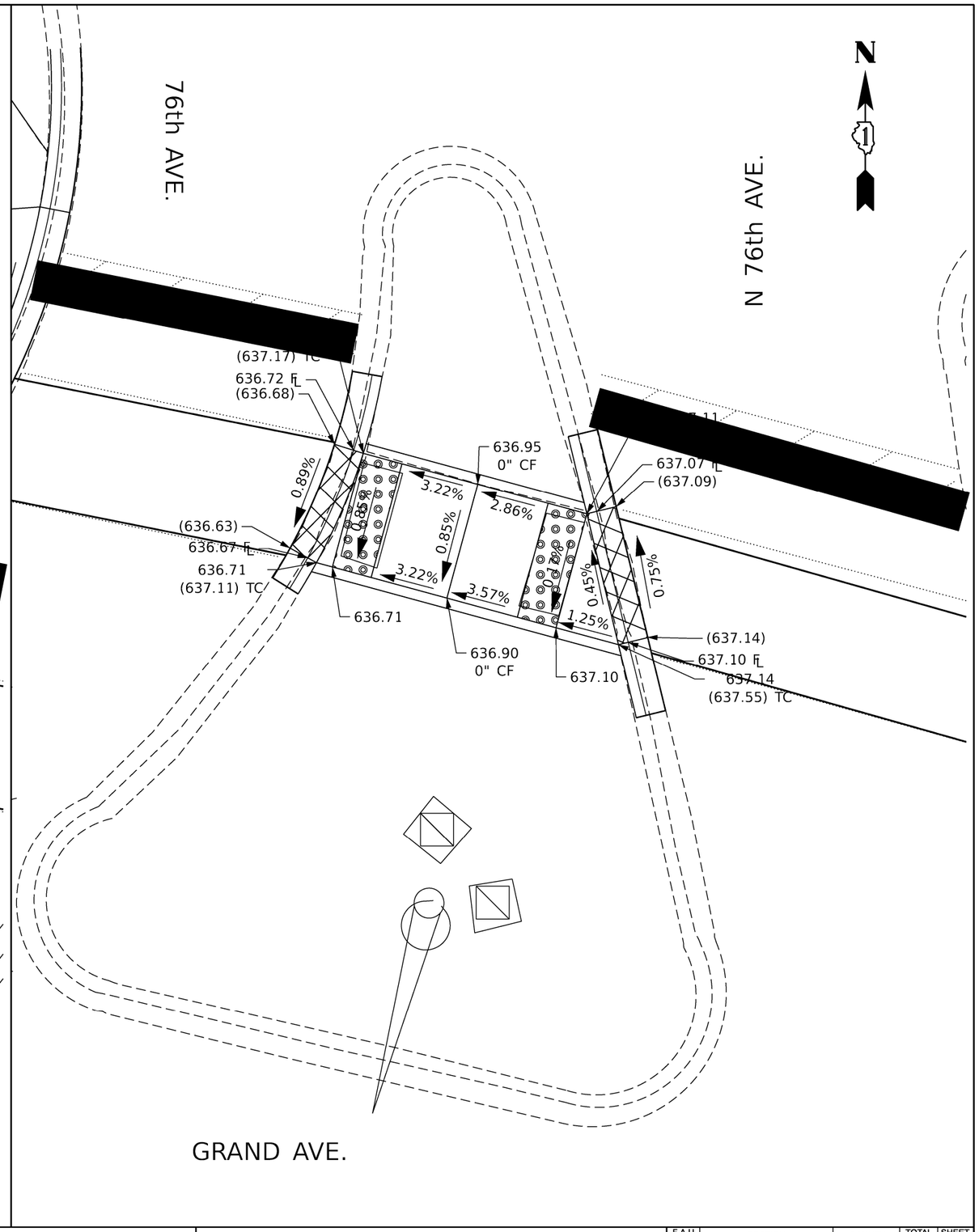
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	95

CONTRACT NO.: 62P93

ILLINOIS | FED. AID PROJECT





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USER NAME = Phillip.Steed	DESIGNED -	REVISED -	
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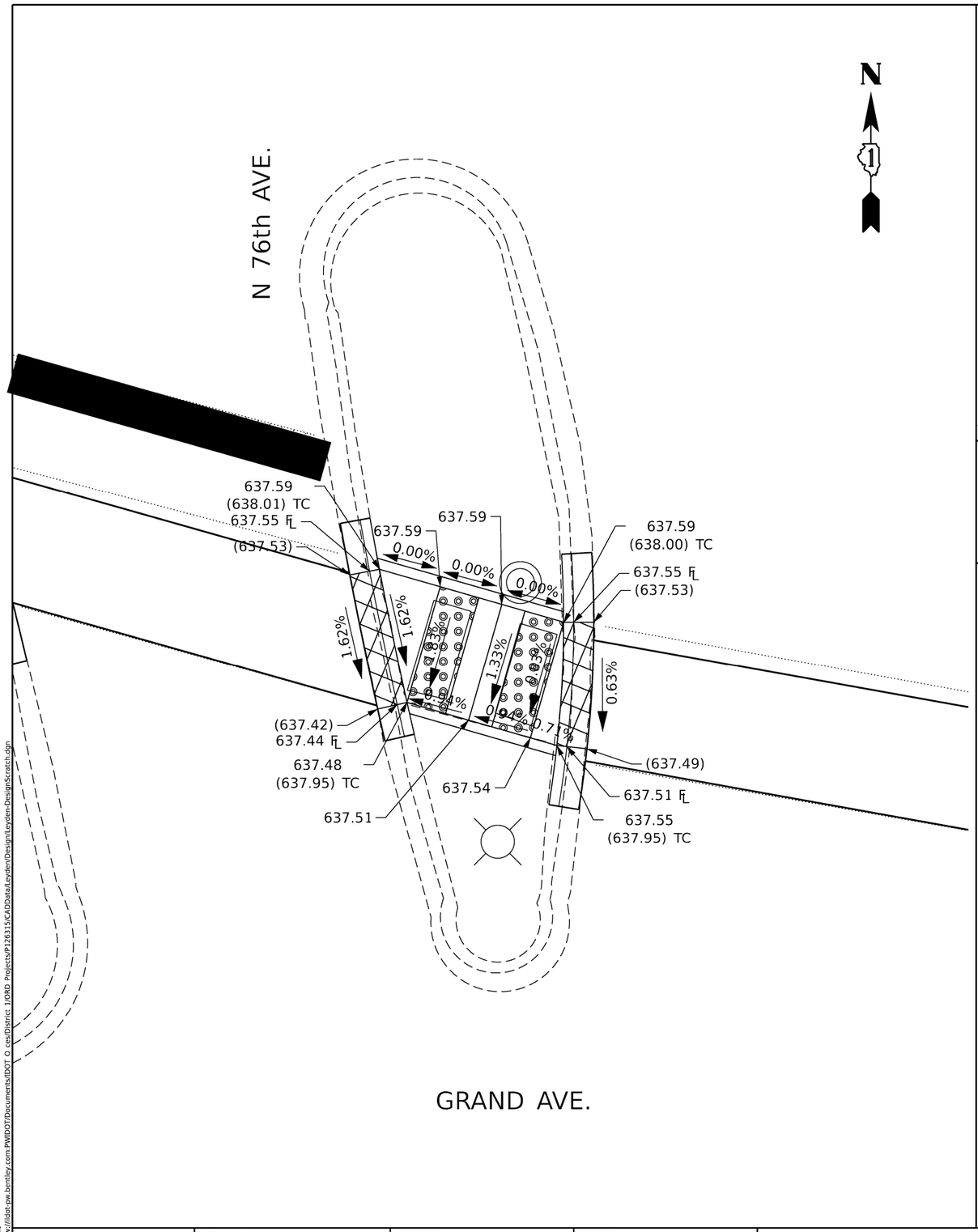
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 3/31/2025	DATE -	REVISED -	

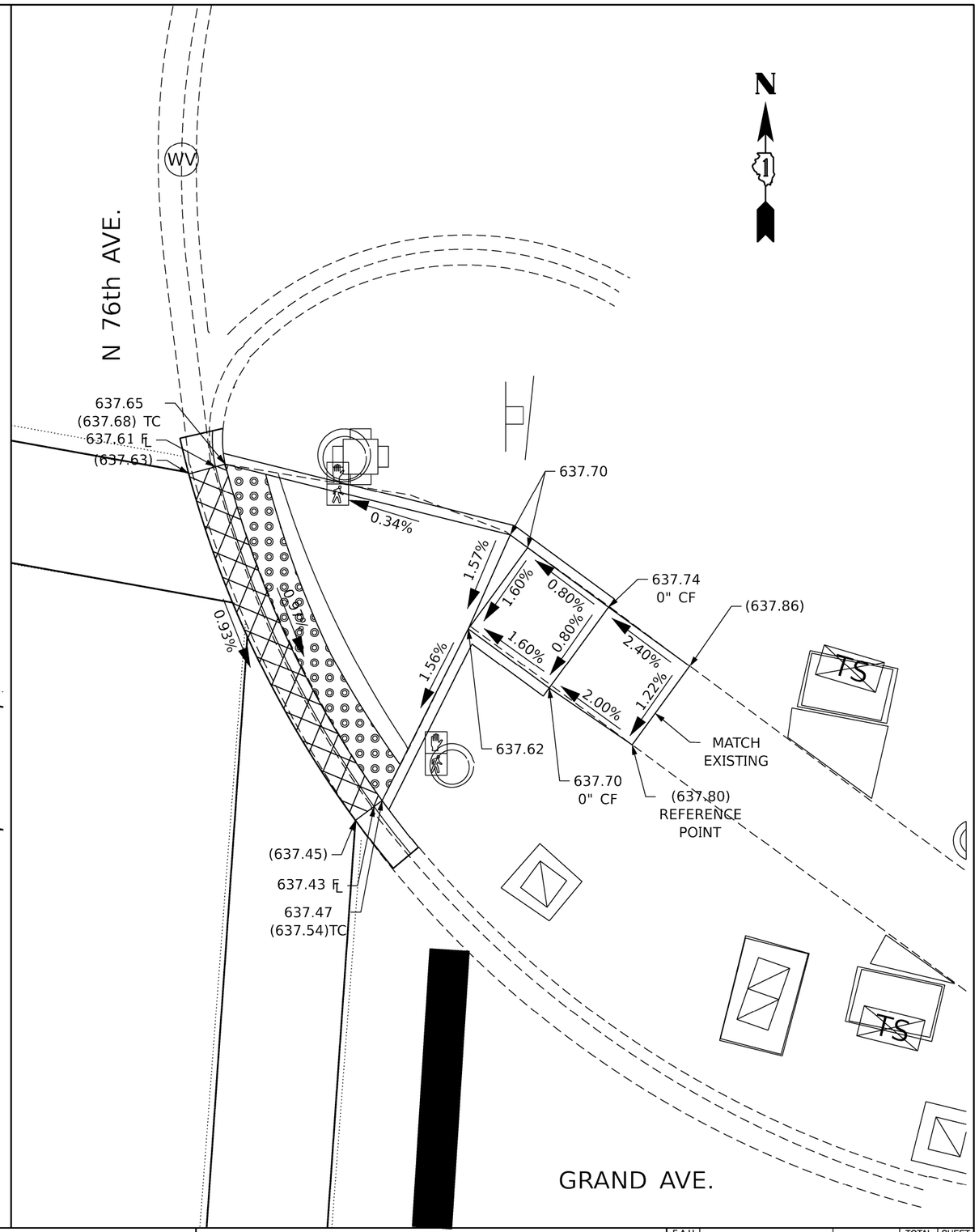
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	96
		CONTRACT NO.: 62P93		
	ILLINOIS	FED. AID PROJECT		





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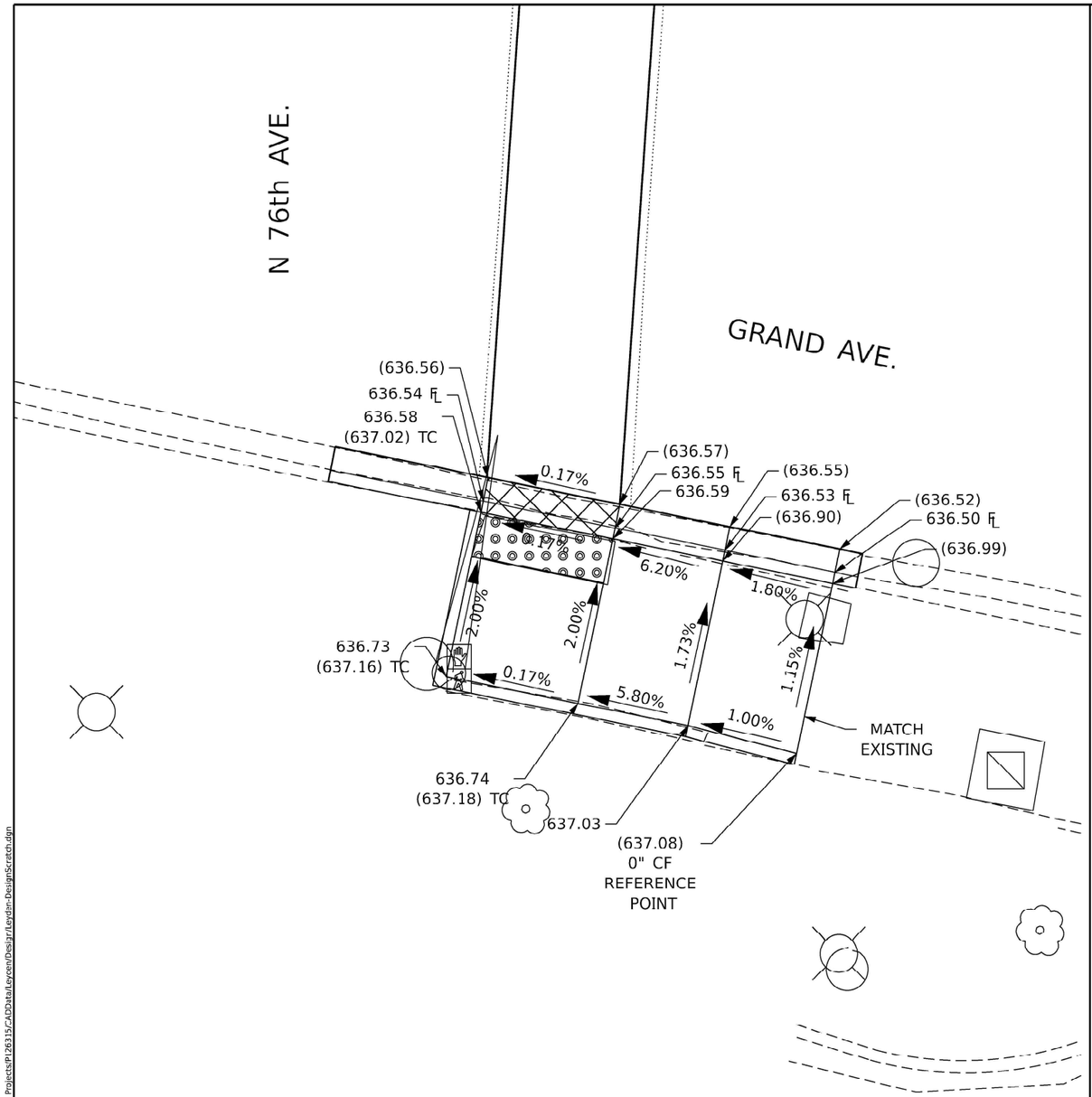
USER NAME = Phillip.Steed	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 3/31/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	97
		CONTRACT NO.: 62P93		
	ILLINOIS	FED. AID PROJECT		



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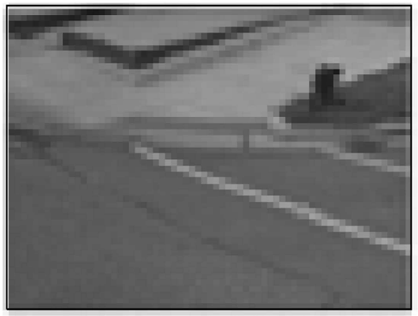
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED	REVISED	
PLOT DATE = 3/31/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

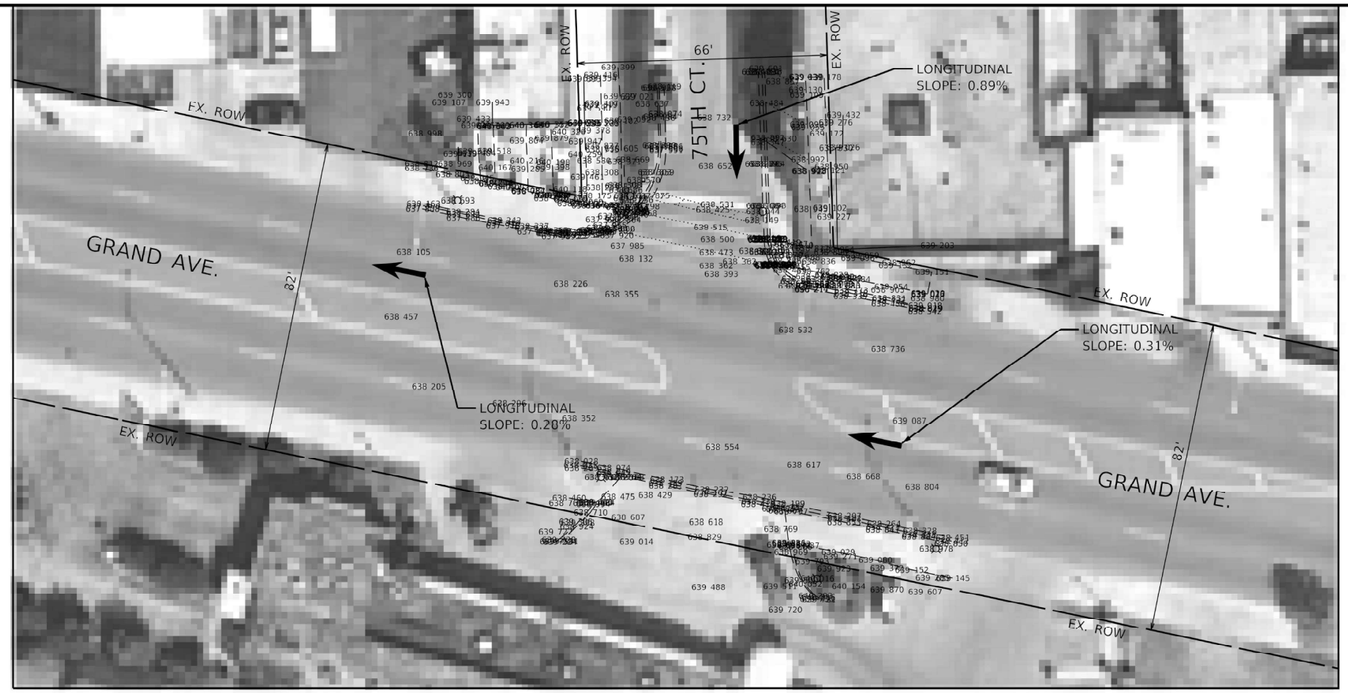
ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	98
		CONTRACT NO.: 62P93		
	ILLINOIS	FED. AID PROJECT		



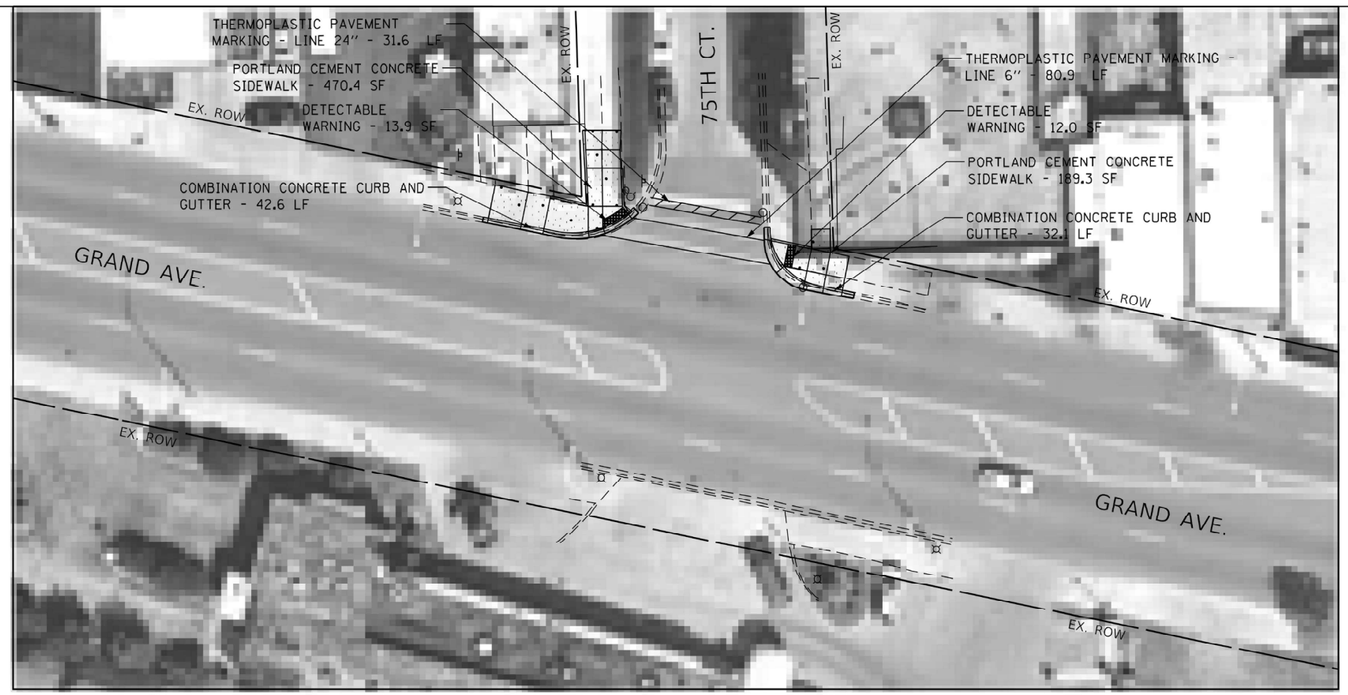
NORTHWEST CORNER





NORTHEAST CORNER

EXISTING



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- COMBINATION CONRETE CURB AND GUTTER
- EXISTING R.O.W. LINE
- SINGLE POST SIGN
- ABOVE GROUND SPLICE BOX
- CONTROLLER BOX
- FIRE HYDRANT
- GUY POLE
- HANDHOLE
- LIGHT STANDARD
- MANHOLE
- POWER LINE
- TELEPHONE
- TRAFFIC SIGNAL
- VEGETATION OUTLINE
- SINGLE TREE OR BUSH

N

0 20 40 60

SCALE IN FEET

NOTE:
PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.

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		DRAWN -	REVISED -
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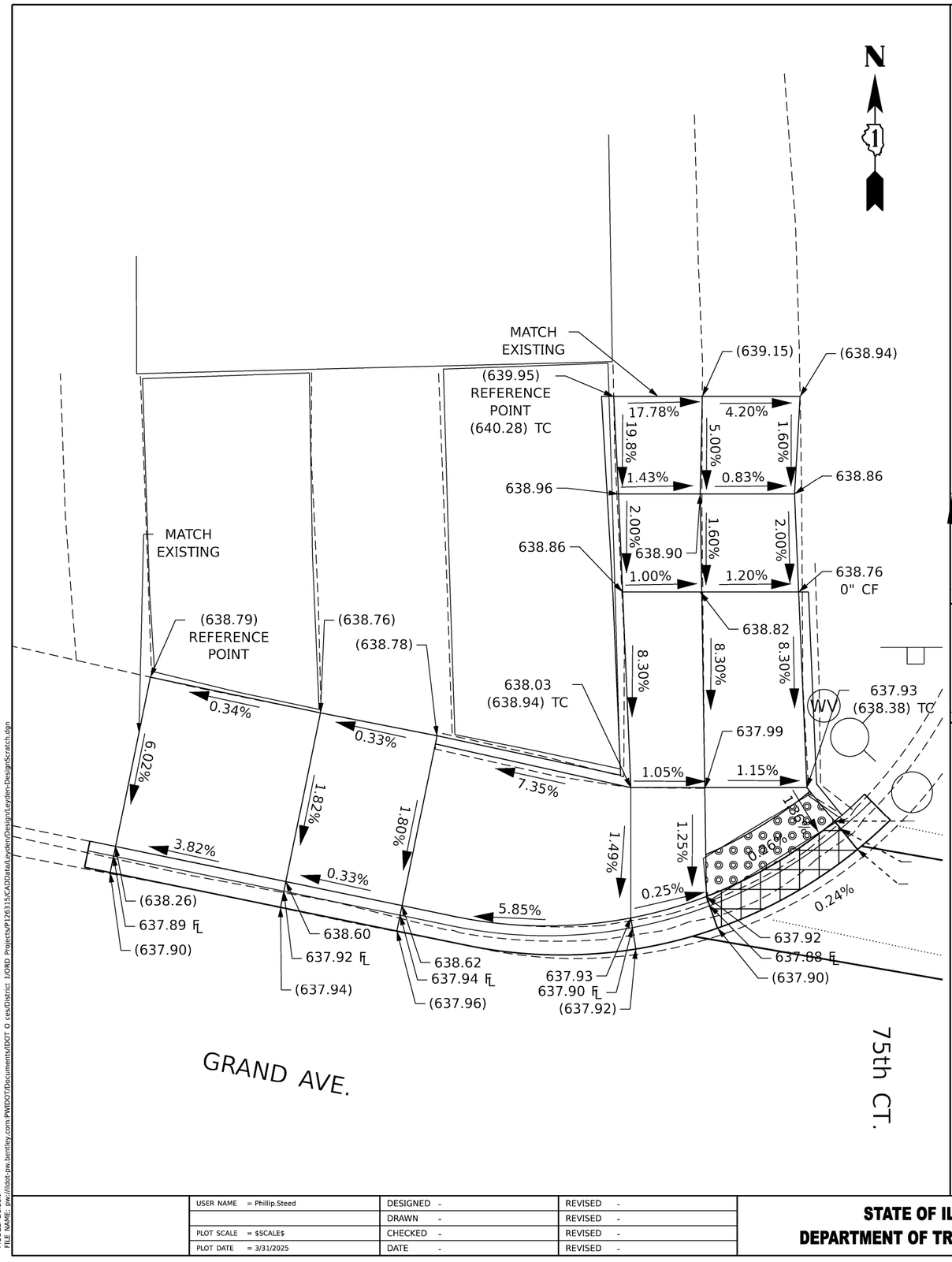
	PLOT DATE = 3/31/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	99
		CONTRACT NO.: 62P93		
		ILLINOIS	FED. AID PROJECT	



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USER NAME = Phillip.Steed	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 3/31/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

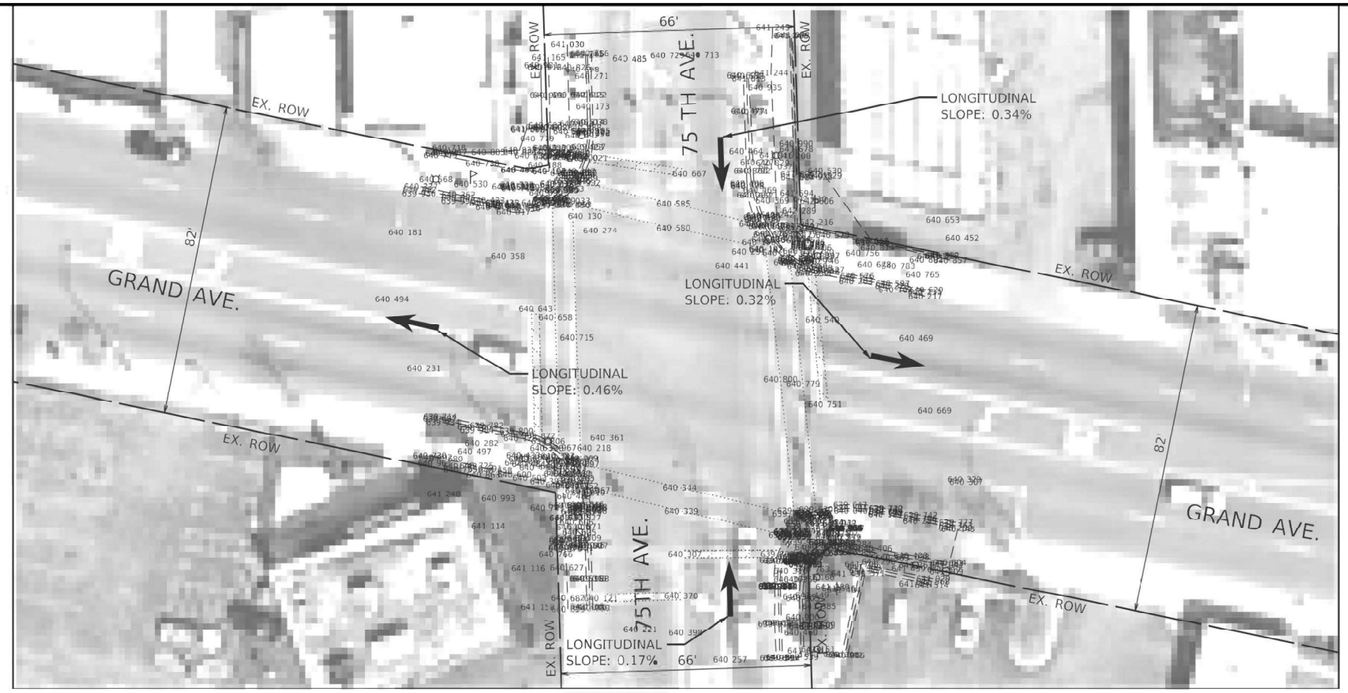
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	100
		CONTRACT NO.: 62P93		
	ILLINOIS	FED. AID PROJECT		



NORTHWEST CORNER



SOUTHWEST CORNER



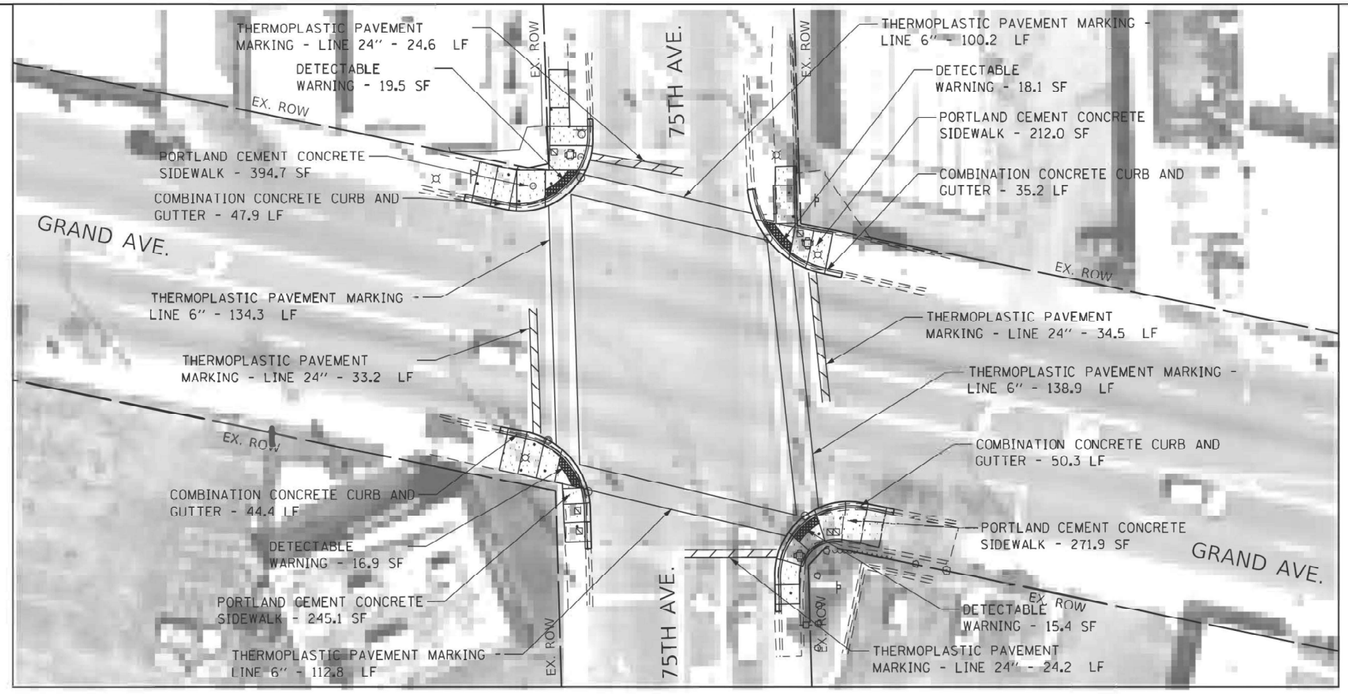
EXISTING



NORTHEAST CORNER



SOUTHEAST CORNER



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- COMBINATION CONRETE CURB AND GUTTER
- EXISTING R.O.W. LINE
- SINGLE POST SIGN
- ABOVE GROUND SPLICE BOX
- CONTROLLER BOX
- FIRE HYDRANT
- GUY POLE
- HANDHOLE
- LIGHT STANDARD
- MANHOLE
- POWER LINE
- TELEPHONE
- TRAFFIC SIGNAL
- VEGETATION OUTLINE
- SINGLE TREE OR BUSH

N

0 20 40 60

SCALE IN FEET

NOTE:
PROPOSED CURB OR CURB AND GUTTER AROUND AN INTERSECTION IS TO BE INSTALLED ACCORDING TO THE EXISTING CURB RADIUS UNLESS OTHERWISE NOTED.

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	PLOT DATE = 3/31/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

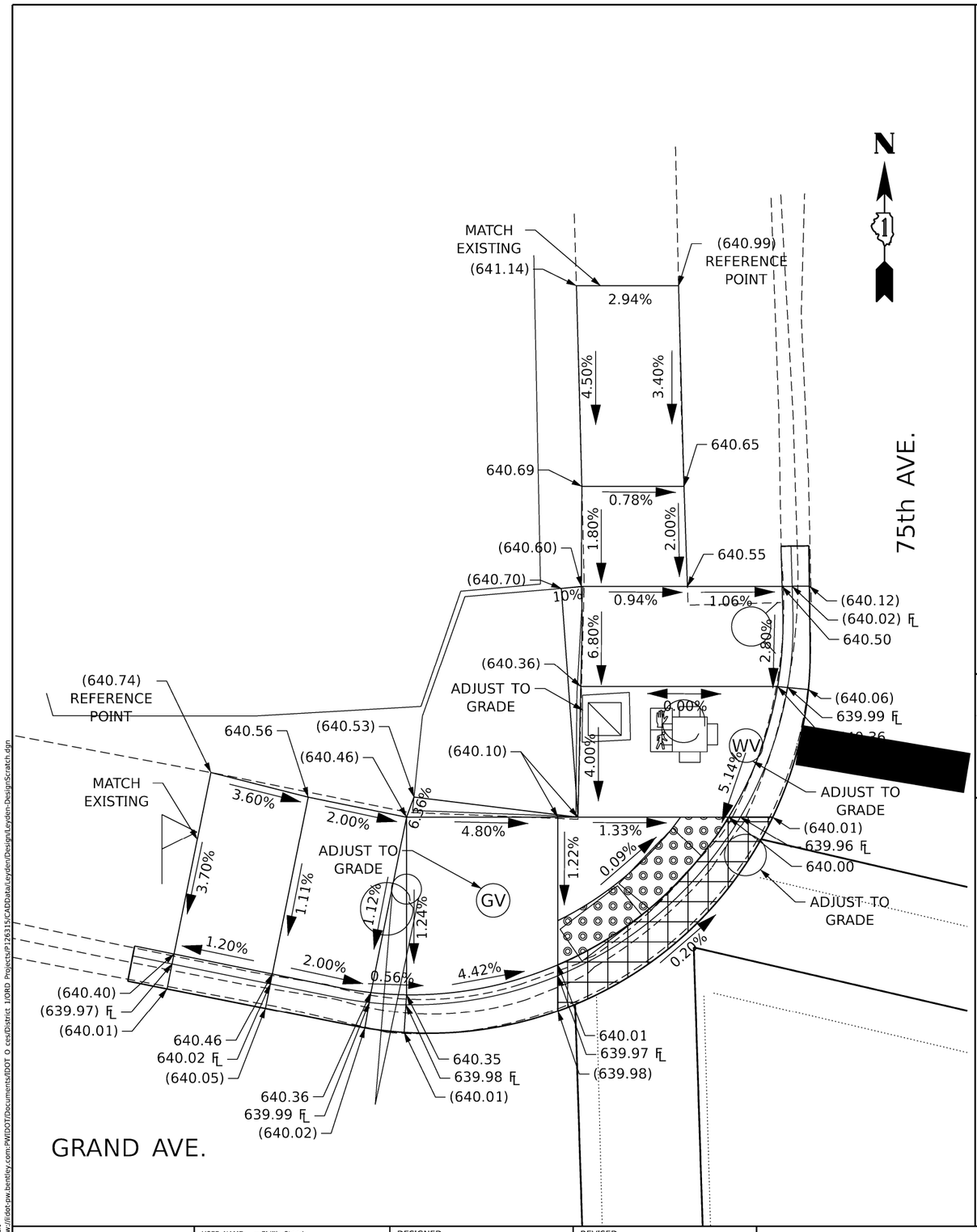
ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

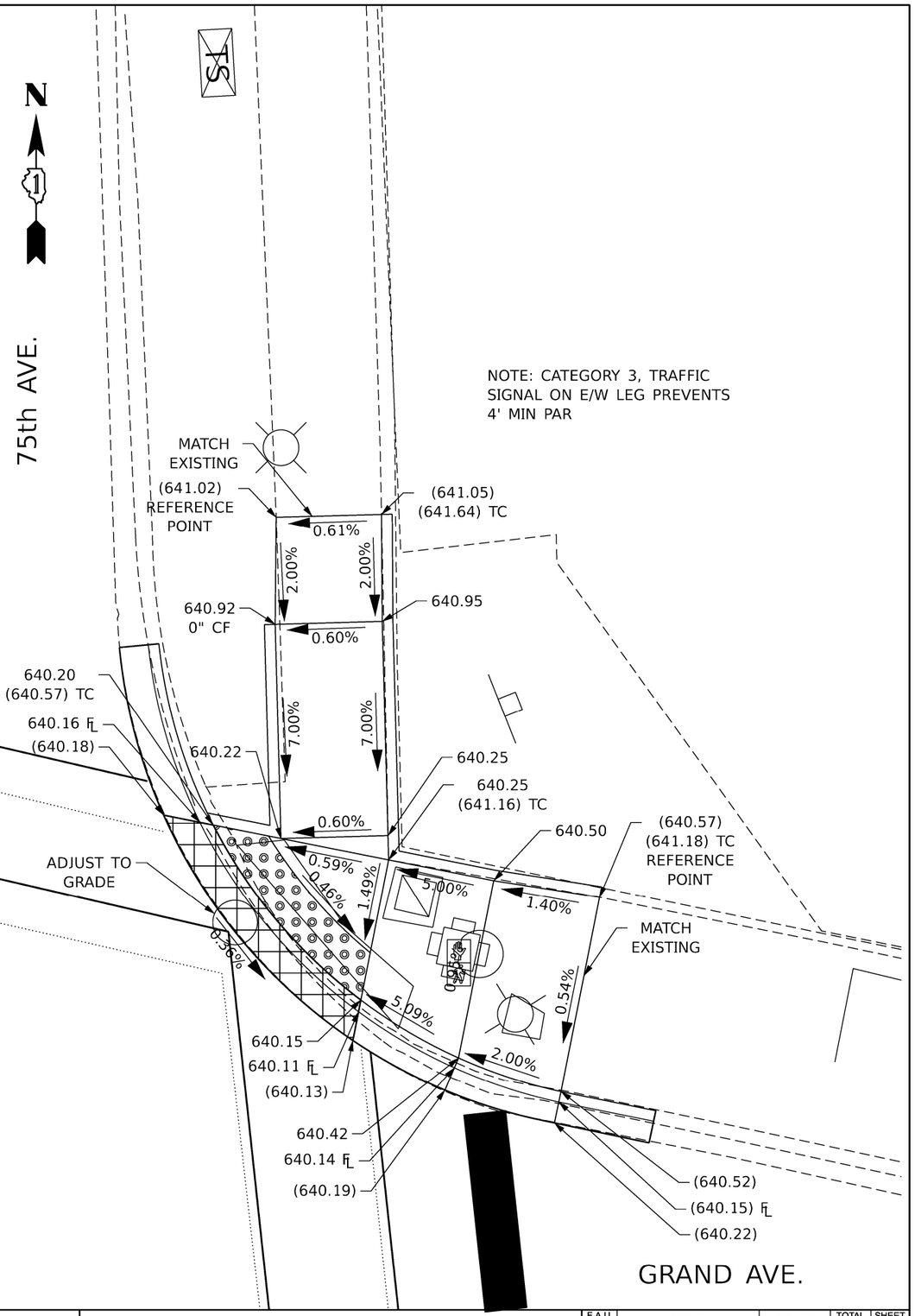
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	101

CONTRACT NO.: 62P93

ILLINOIS | FED. AID PROJECT





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	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 3/31/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	102
		CONTRACT NO.: 62P93		
		ILLINOIS	FED. AID PROJECT	

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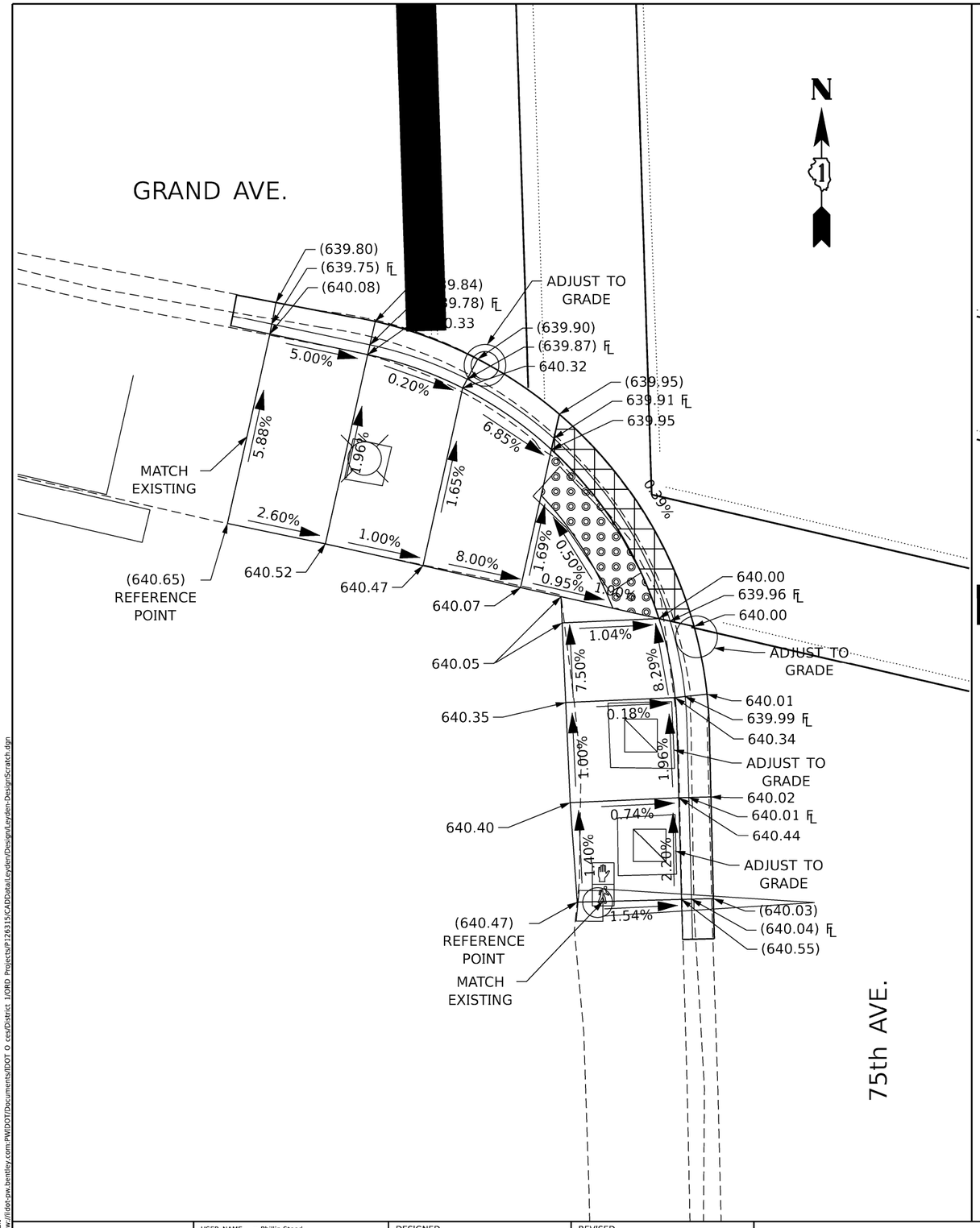

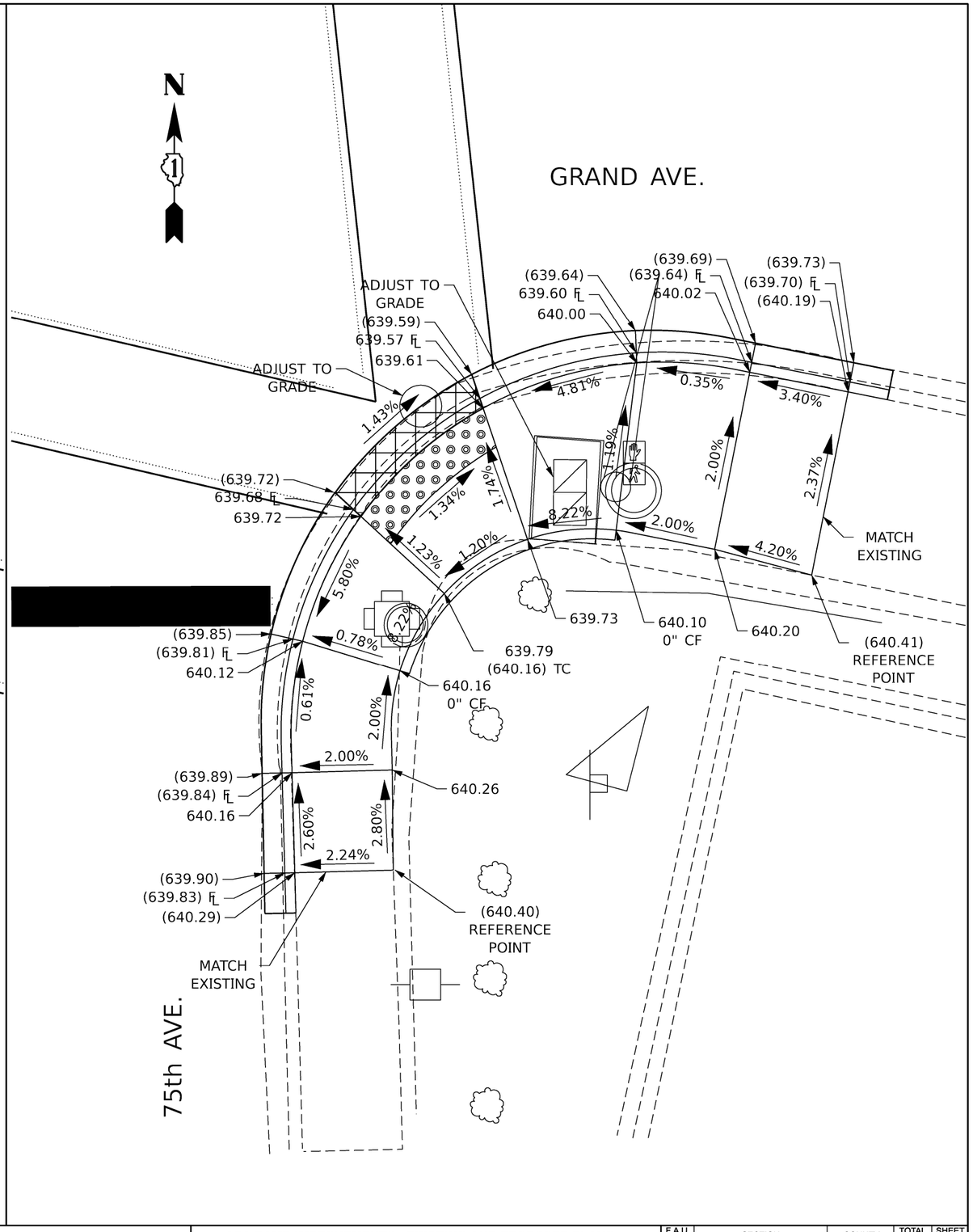

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	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 3/31/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP IMPROVEMENTS - EXISTING AND PROPOSED PLANS
VARIOUS ROUTES (NORWOOD PARK AND LEYDEN TOWNSHIPS)

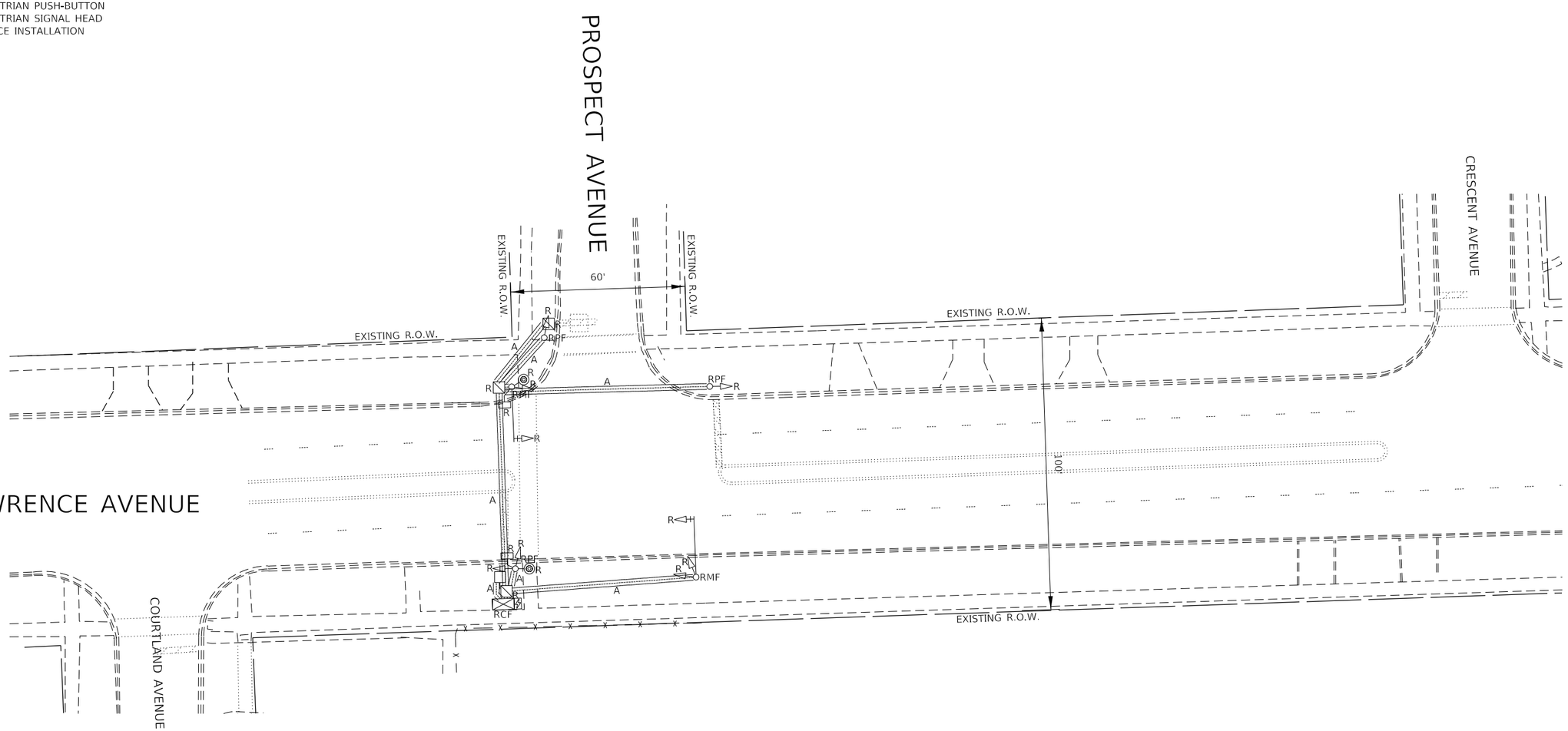
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	103
		CONTRACT NO.: 62P93		
	ILLINOIS	FED. AID PROJECT		

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	TRAFFIC SIGNAL CABINET AND CONTROLLER (COMPLETE)
1	EACH	UNINTERRUPTED POWER SUPPLY (COMPLETE)
2	EACH	STEEL MAST ARM ASSEMBLY AND POLE
3	EACH	TRAFFIC SIGNAL POST
9	EACH	3-SECTION SIGNAL HEAD
2	EACH	TRAFFIC SIGNAL BACKPLATE
2	EACH	PEDESTRIAN PUSH-BUTTON
2	EACH	PEDESTRIAN SIGNAL HEAD
1	EACH	SERVICE INSTALLATION



NOTES:

1. THE EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL NOT BE REMOVED UNTIL THE PERMANENT TRAFFIC SIGNAL IS OPERATIONAL.

2. ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.

0 20 40 60
SCALE IN FEET

TS 14380

MODEL: Default
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iteris

USER NAME = amaravillas	DESIGNED - AM	REVISED -	
	DRAWN - AM	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - BF	REVISED -	
PLOT DATE = 1/7/2025	DATE - 1/7/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

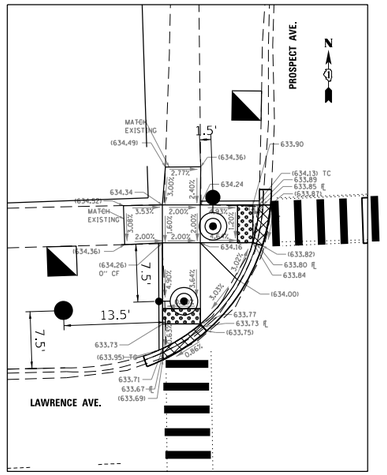
TRAFFIC SIGNAL REMOVAL PLAN
LAWRENCE AVENUE AND PROSPECT AVENUE

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

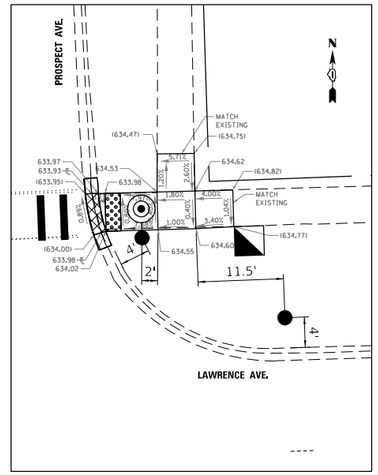
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	104
		CONTRACT NO. 62P93		
	ILLINOIS	FED. AID PROJECT		

NOTES:

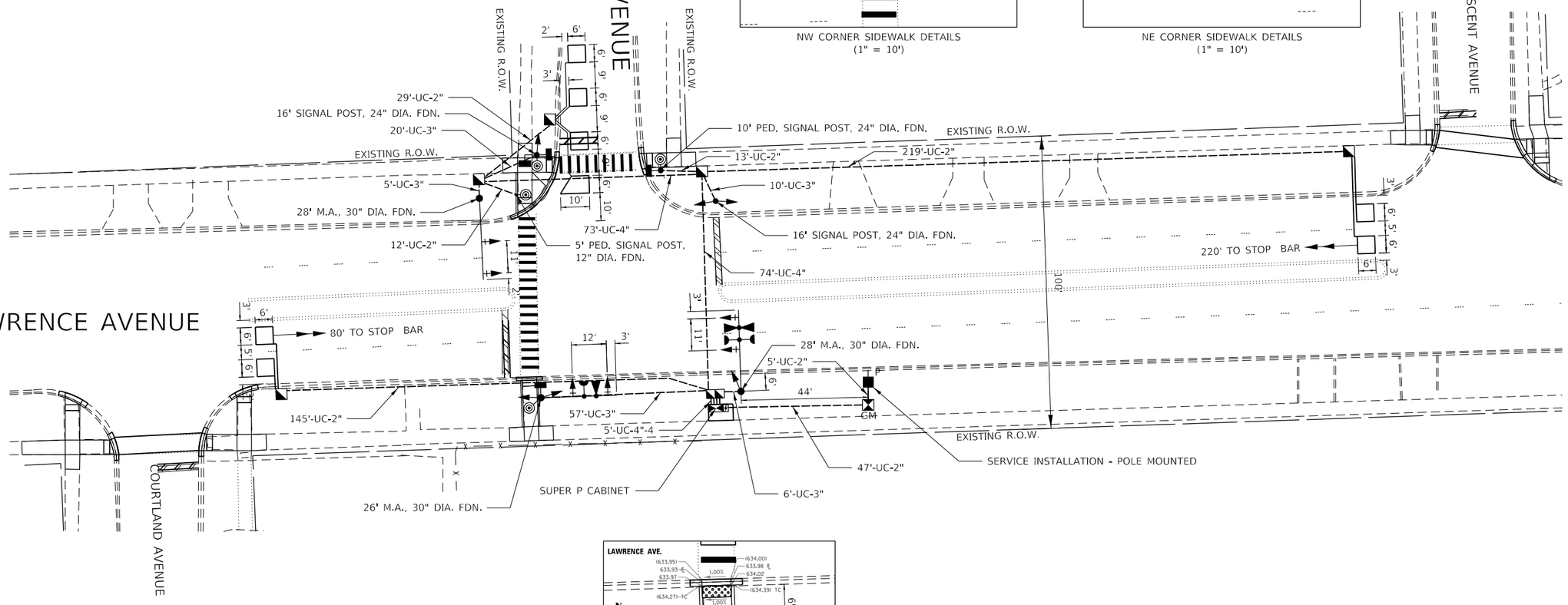
1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
2. ALL PEDESTRIAN PUSH-BUTTONS SHALL BE APS.
3. THE CONTRACTOR SHALL CONFIRM THE FIELD LOCATION OF THE APS EQUIPMENT WITH THE IDOT TRAFFIC SIGNAL AREA ENGINEER BEFORE INSTALLATION.
4. INCLUDE A 5' STUB OF 2" CONDUIT FROM THE GM FOR FUTURE CONNECTION.

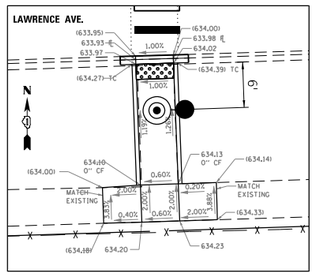


NW CORNER SIDEWALK DETAILS
(1" = 10')



NE CORNER SIDEWALK DETAILS
(1" = 10')





SW CORNER SIDEWALK DETAILS (1" = 10')

0 20 40 60
SCALE IN FEET

TS 14380

iteris

USER NAME = amaravillas	DESIGNED - AM	REVISED -	
	DRAWN - AM	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - BF	REVISED -	
PLOT DATE = 1/7/2025	DATE - 1/7/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN
LAWRENCE AVENUE AND PROSPECT AVENUE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	105
		CONTRACT NO. 62P93		
		ILLINOIS	FED. AID PROJECT	

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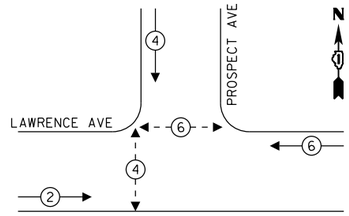
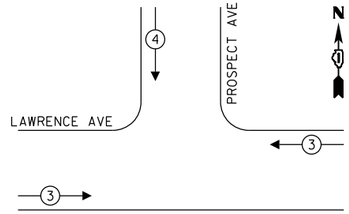
PROPOSED CONTROLLER SEQUENCE



LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL OVERLAP

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE

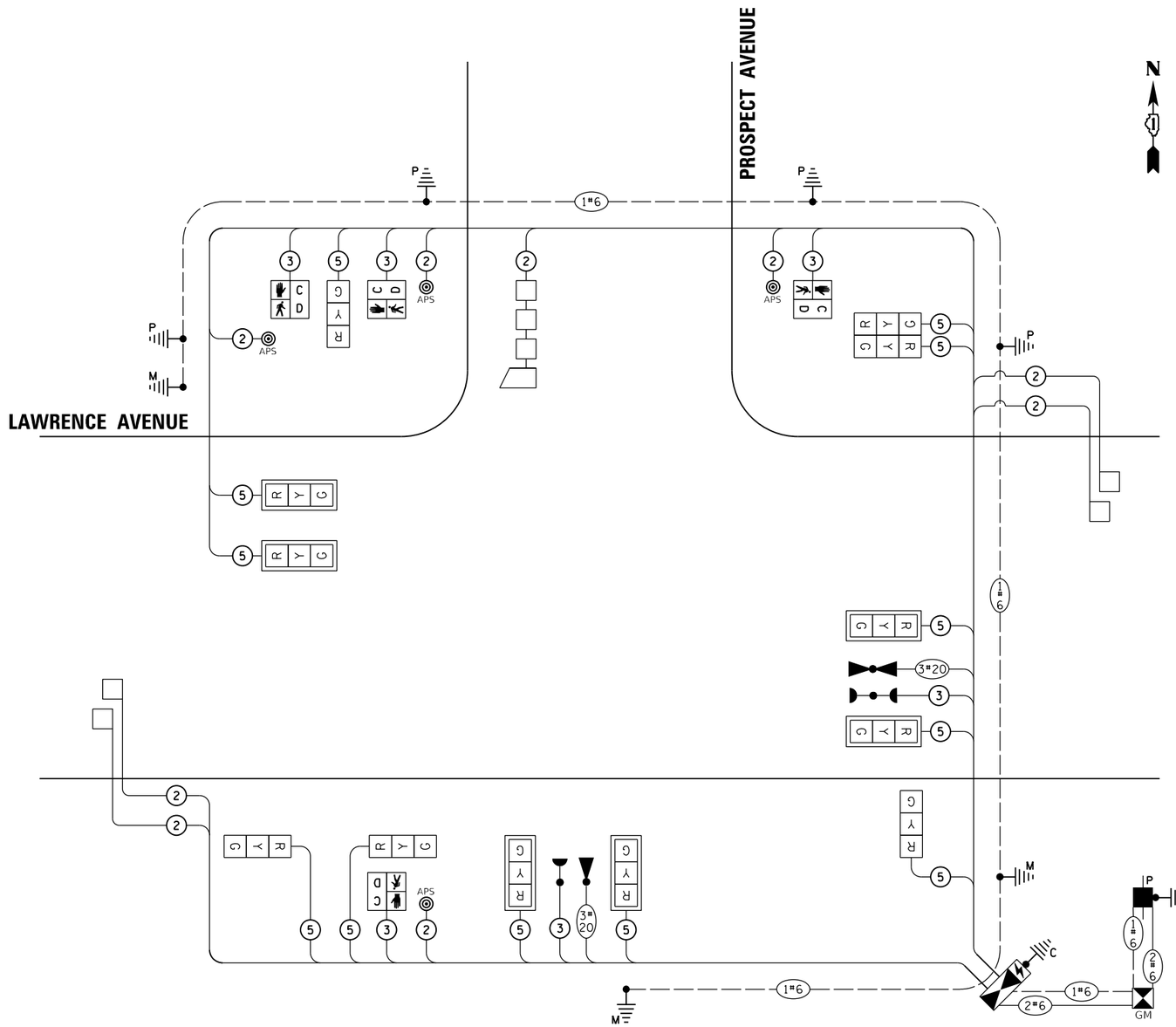


TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE		QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD	3-SECTION	12	11	132
	4-SECTION	-	14	-
	5-SECTION	-	13	-
PROGRAMMABLE	3-SECTION	-	22	-
	4-SECTION	-	32	-
	5-SECTION	-	28	-
PEDESTRIAN SIGNAL		4	15	60
CONTROLLER		1	150	150
MASTER CONTROLLER		-	100	-
UPS		1	25	25
DETECTION RADAR OR VIDEO		-	20	-
BLANK-OUT SIGN		-	25	-
NETWORK SWITCH	II OR III	-	35	-
CELLULAR MODEM		-	15	-
TOTAL UPS SIZING				**367**
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				**972**

ENERGY COSTS - BILLED TO:

VILLAGE OF NORRIDGE
4000 N OLCOTT AVENUE
NORRIDGE, IL 60706

ENERGY SUPPLY:
CONTACT: ERICKA IRBY
PHONE: 779-231-0633
COMPANY: COM. EDISON
ACCOUNT NUMBER: 2587615663
METER NUMBER:



CABLE PLAN

(NOT TO SCALE)

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iteris

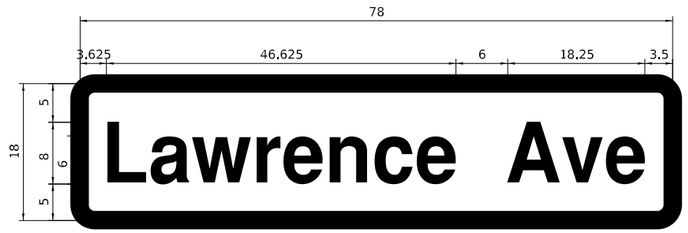
USER NAME = amaravillas	DESIGNED - AM	REVISED -	
	DRAWN - AM	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - BF	REVISED -	
PLOT DATE = 1/7/2025	DATE - 1/7/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

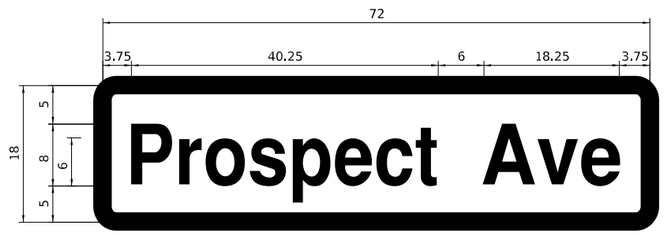
CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
LAWRENCE AVENUE AND PROSPECT AVENUE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	106
		CONTRACT NO. 62P93		
		ILLINOIS	FED. AID PROJECT	



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	9.75	TYPE 1	ZZ	1



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	9.00	TYPE 1	ZZ	2

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS DETAIL.

SCHEDULE OF QUANTITIES

	ITEM DESCRIPTION	UNIT	QTY.
	SIGN PANEL - TYPE 1	SQ FT	27.75
	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	488
	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	113
	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	179
	HANDHOLE	EACH	5
	DOUBLE HANDHOLE	EACH	1
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	636.5
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	867
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1580
	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1223
	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	86.5
	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1064
	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2
	STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.	EACH	1
	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	2
	CONCRETE FOUNDATION, TYPE A	FOOT	16
	CONCRETE FOUNDATION, TYPE C	FOOT	4
	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	30
	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	6
	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	6
	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4
	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	6
	INDUCTIVE LOOP DETECTOR	EACH	5
	DETECTOR LOOP, TYPE I	FOOT	280
*	LIGHT DETECTOR	EACH	2
*	LIGHT DETECTOR AMPLIFIER	EACH	1
	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	264
	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
	REMOVE EXISTING HANDHOLE	EACH	3
	REMOVE EXISTING CONCRETE FOUNDATION	EACH	6
*	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	194.5
	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	1
	PEDESTRIAN SIGNAL POST, 5 FT.	EACH	1
	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET	EACH	1
	UNINTERRUPTABLE POWER SUPPLY (SPECIAL)	EACH	1
	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4
	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	4
	LED SIGNAL FACE, LENS COVER	EACH	12
	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

• 100% OF COST TO THE VILLAGE OF NORRIDGE

TS 14380

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	DRAWN - AM	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - BF	REVISED -	
PLOT DATE = 1/7/2025	DATE - 1/7/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAST ARM MOUNTED STREET NAME SIGNS AND SCHEDULE OF QUANTITIES
LAWRENCE AVENUE AND PROSPECT AVENUE

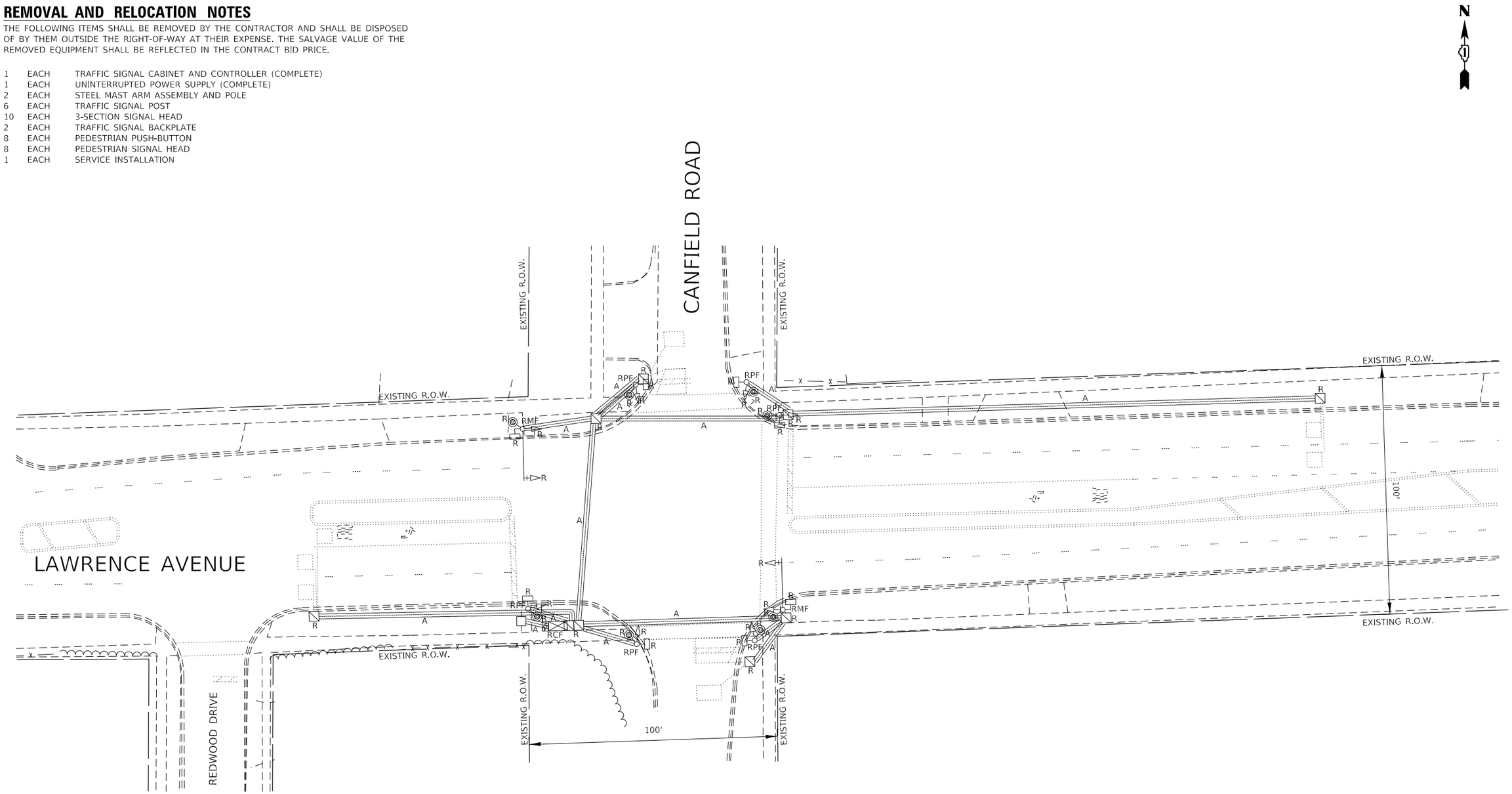
SCALE: N.T.S. | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	107
		CONTRACT NO. 62P93		
	ILLINOIS FED. AID PROJECT			

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	TRAFFIC SIGNAL CABINET AND CONTROLLER (COMPLETE)
1	EACH	UNINTERRUPTED POWER SUPPLY (COMPLETE)
2	EACH	STEEL MAST ARM ASSEMBLY AND POLE
6	EACH	TRAFFIC SIGNAL POST
10	EACH	3-SECTION SIGNAL HEAD
2	EACH	TRAFFIC SIGNAL BACKPLATE
8	EACH	PEDESTRIAN PUSH-BUTTON
8	EACH	PEDESTRIAN SIGNAL HEAD
1	EACH	SERVICE INSTALLATION



NOTES:

1. THE EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL NOT BE REMOVED UNTIL THE PERMANENT TRAFFIC SIGNAL IS OPERATIONAL.

2. ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.

0 20 40 60
SCALE IN FEET

TS 14385

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PLOT DATE = 1/7/2025	DATE - 1/7/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

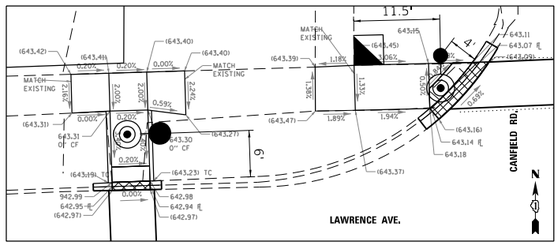
TRAFFIC SIGNAL REMOVAL PLAN
LAWRENCE AVENUE AND CANFIELD ROAD

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

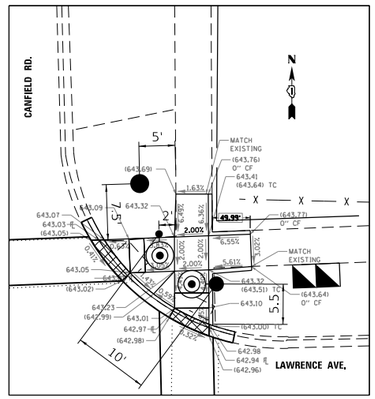
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	108
		CONTRACT NO. 62P93		
	ILLINOIS	FED. AID PROJECT		

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. ALL PEDESTRIAN PUSH-BUTTONS SHALL BE APS.
3. THE CONTRACTOR SHALL CONFIRM THE FIELD LOCATION OF THE APS EQUIPMENT WITH THE IDOT TRAFFIC SIGNAL AREA ENGINEER BEFORE INSTALLATION.
4. INCLUDE A 5' STUB OF 2" CONDUIT FROM THE GM FOR FUTURE CONNECTION.



NW CORNER SIDEWALK DETAILS
(1" = 10')



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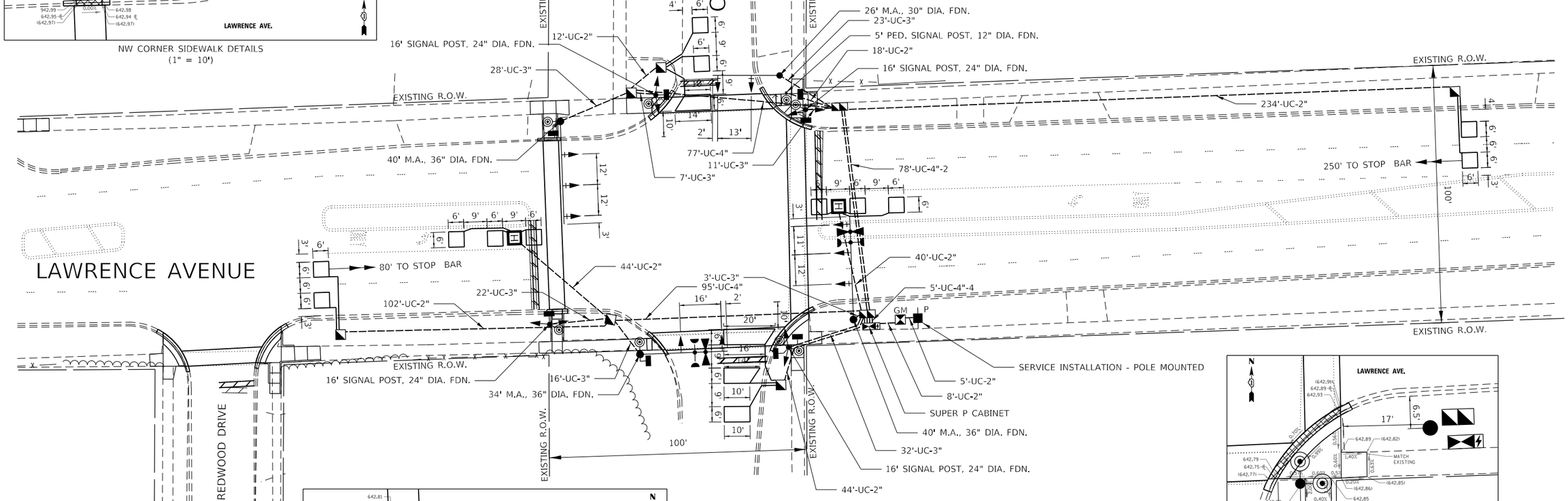

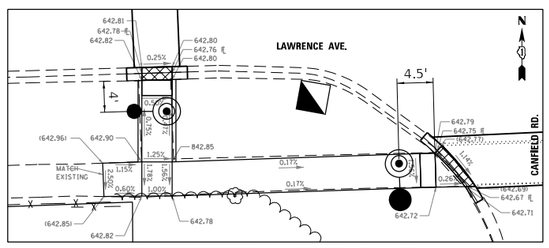

SW CORNER SIDEWALK DETAILS (1" = 10')

SE CORNER SIDEWALK DETAILS
(1" = 10')

0 20 40 60
SCALE IN FEET

TS 14385

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iteris	USER NAME = amaravillas	DESIGNED - AM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL MODERNIZATION PLAN LAWRENCE AVENUE AND CANFIELD ROAD
		DRAWN - AM	REVISED -		
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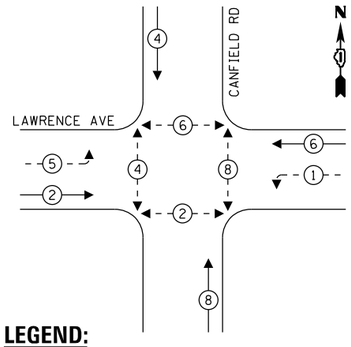
	PLOT DATE = 1/7/2025	DATE - 1/7/2025	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	109
		CONTRACT NO. 62P93		
		ILLINOIS	FED. AID PROJECT	

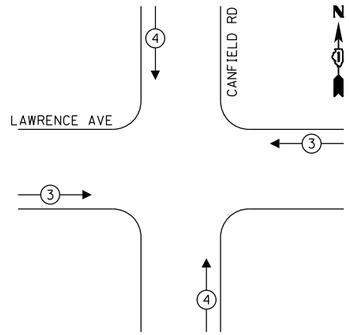
PROPOSED CONTROLLER SEQUENCE



LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OVERLAP

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE

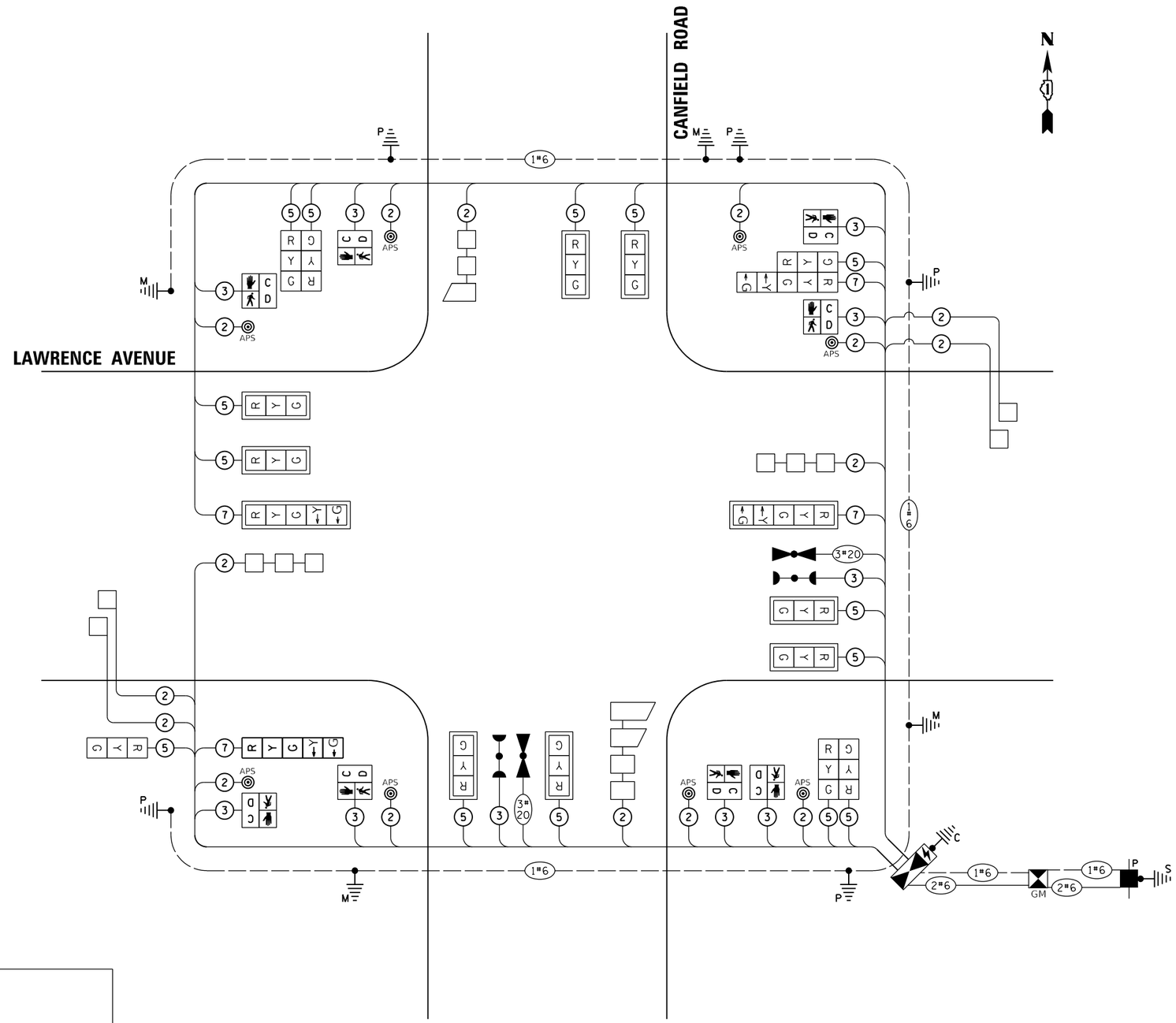


TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE		QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD	3-SECTION	14	11	154
	4-SECTION	-	14	-
	5-SECTION	4	13	52
PROGRAMMABLE	3-SECTION	-	22	-
	4-SECTION	-	32	-
	5-SECTION	-	28	-
PEDESTRIAN SIGNAL		8	15	120
CONTROLLER		1	150	150
MASTER CONTROLLER		-	100	-
UPS		1	25	25
DETECTION RADAR OR VIDEO		-	20	-
BLANK-OUT SIGN		-	25	-
NETWORK SWITCH	II OR III	-	35	-
CELLULAR MODEM		-	15	-
TOTAL UPS SIZING				**501**
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				**1106**

ENERGY COSTS - BILLED TO:

VILLAGE OF NORRIDGE
4000 N OLCOTT AVENUE
NORRIDGE, IL 60706

ENERGY SUPPLY:
CONTACT: ERICKA IRBY
PHONE: 779-231-0633
COMPANY: COM. EDISON
ACCOUNT NUMBER: 2587615663
METER NUMBER:



CABLE PLAN

(NOT TO SCALE)

TS 14385

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iteris

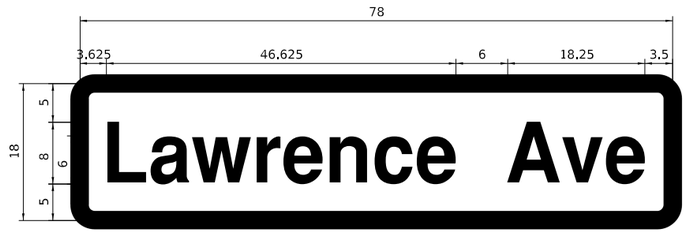
USER NAME = amaravillas	DESIGNED - AM	REVISED -	
	DRAWN - AM	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - BF	REVISED -	
PLOT DATE = 1/7/2025	DATE - 1/7/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

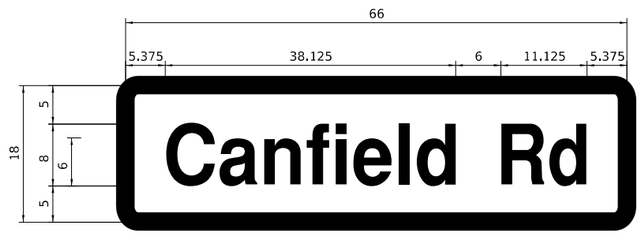
CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
LAWRENCE AVENUE AND CANFIELD ROAD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	110
		CONTRACT NO. 62P93		
		ILLINOIS	FED. AID PROJECT	



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	9.75	TYPE 1	ZZ	2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	8.25	TYPE 1	ZZ	2

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS DETAIL.

SCHEDULE OF QUANTITIES

	ITEM DESCRIPTION	UNIT	QTY.
	SIGN PANEL - TYPE 1	SQ FT	36
	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	522
	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	166
	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	360
	HANDHOLE	EACH	6
	HEAVY-DUTY HANDHOLE	EACH	2
	DOUBLE HANDHOLE	EACH	2
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1168
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1488
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2310.5
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	681
	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1705
	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	47.5
	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1307
	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4
	STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.	EACH	1
	STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1
	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	2
	CONCRETE FOUNDATION, TYPE A	FOOT	20
	CONCRETE FOUNDATION, TYPE C	FOOT	4
	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10
	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	37
	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	8
	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	6
	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2
	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	2
	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	10
	INDUCTIVE LOOP DETECTOR	EACH	8
	DETECTOR LOOP, TYPE I	FOOT	488
*	LIGHT DETECTOR	EACH	2
*	LIGHT DETECTOR AMPLIFIER	EACH	1
	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	719
	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
	REMOVE EXISTING HANDHOLE	EACH	7
	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
	REMOVE EXISTING CONCRETE FOUNDATION	EACH	9
*	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	271
	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
	PEDESTRIAN SIGNAL POST, 5 FT.	EACH	1
	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET	EACH	1
	UNINTERRUPTABLE POWER SUPPLY (SPECIAL)	EACH	1
	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	4
	LED SIGNAL FACE, LENS COVER	EACH	18
	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

• 100% OF COST TO THE VILLAGE OF NORRIDGE

TS 14385

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	DRAWN - AM	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - BF	REVISED -	
PLOT DATE = 1/7/2025	DATE - 1/7/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAST ARM MOUNTED STREET NAME SIGNS AND SCHEDULE OF QUANTITIES
LAWRENCE AVENUE AND CANFIELD ROAD

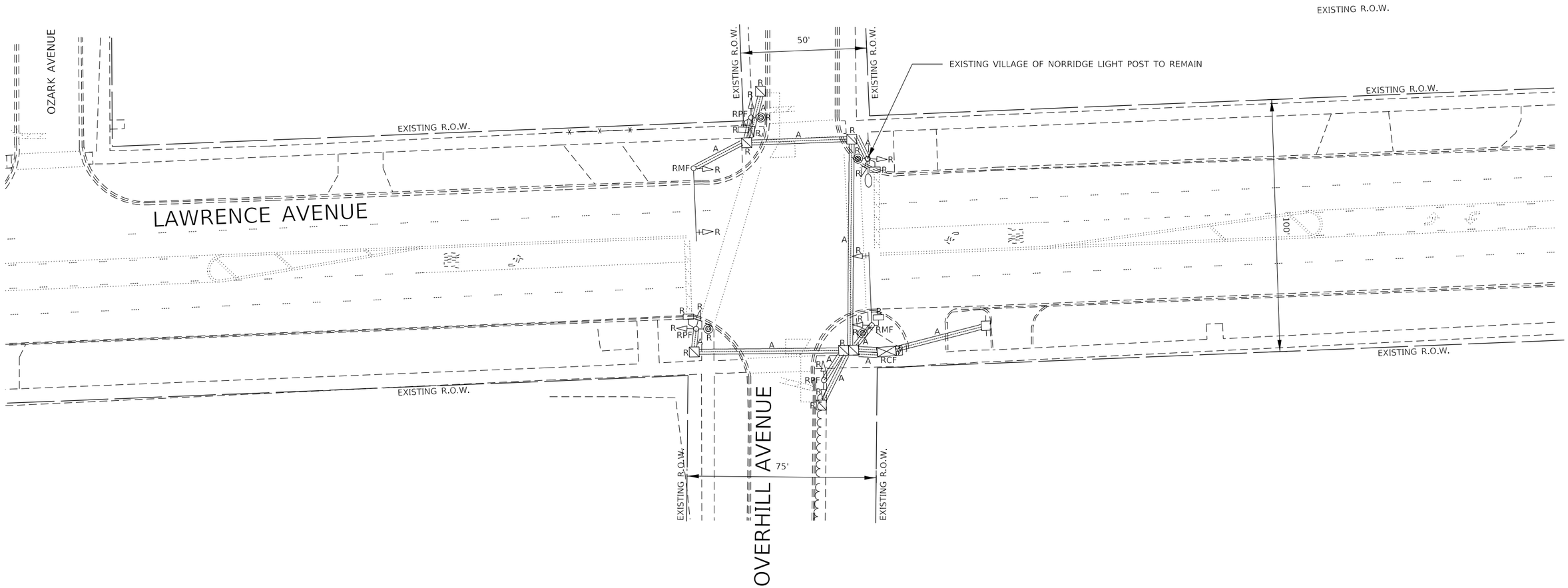
SCALE: N.T.S. | SHEET OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	111
		CONTRACT NO. 62P93		
	ILLINOIS	FED. AID PROJECT		

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	TRAFFIC SIGNAL CABINET AND CONTROLLER (COMPLETE)
1	EACH	UNINTERRUPTED POWER SUPPLY (COMPLETE)
2	EACH	STEEL MAST ARM ASSEMBLY AND POLE
3	EACH	TRAFFIC SIGNAL POST
12	EACH	3-SECTION SIGNAL HEAD
2	EACH	TRAFFIC SIGNAL BACKPLATE
4	EACH	PEDESTRIAN PUSH-BUTTON
4	EACH	PEDESTRIAN SIGNAL HEAD
1	EACH	SERVICE INSTALLATION



NOTES:

1. THE EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL NOT BE REMOVED UNTIL THE PERMANENT TRAFFIC SIGNAL IS OPERATIONAL.

2. ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.

0 20 40 60
SCALE IN FEET

TS 14390

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PLOT SCALE = 2.0000 ' / in.	CHECKED - BF	REVISED -	
PLOT DATE = 1/7/2025	DATE - 1/7/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

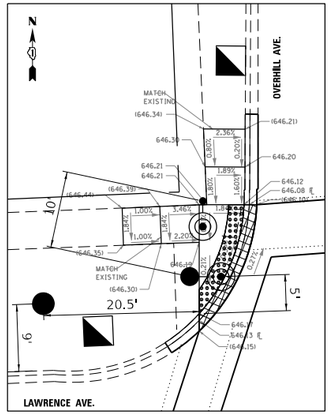
TRAFFIC SIGNAL REMOVAL PLAN
LAWRENCE AVENUE AND OVERHILL AVENUE

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

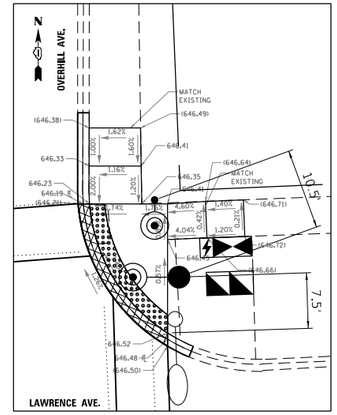
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	112
		CONTRACT NO. 62P93		
	ILLINOIS	FED. AID PROJECT		

NOTES:

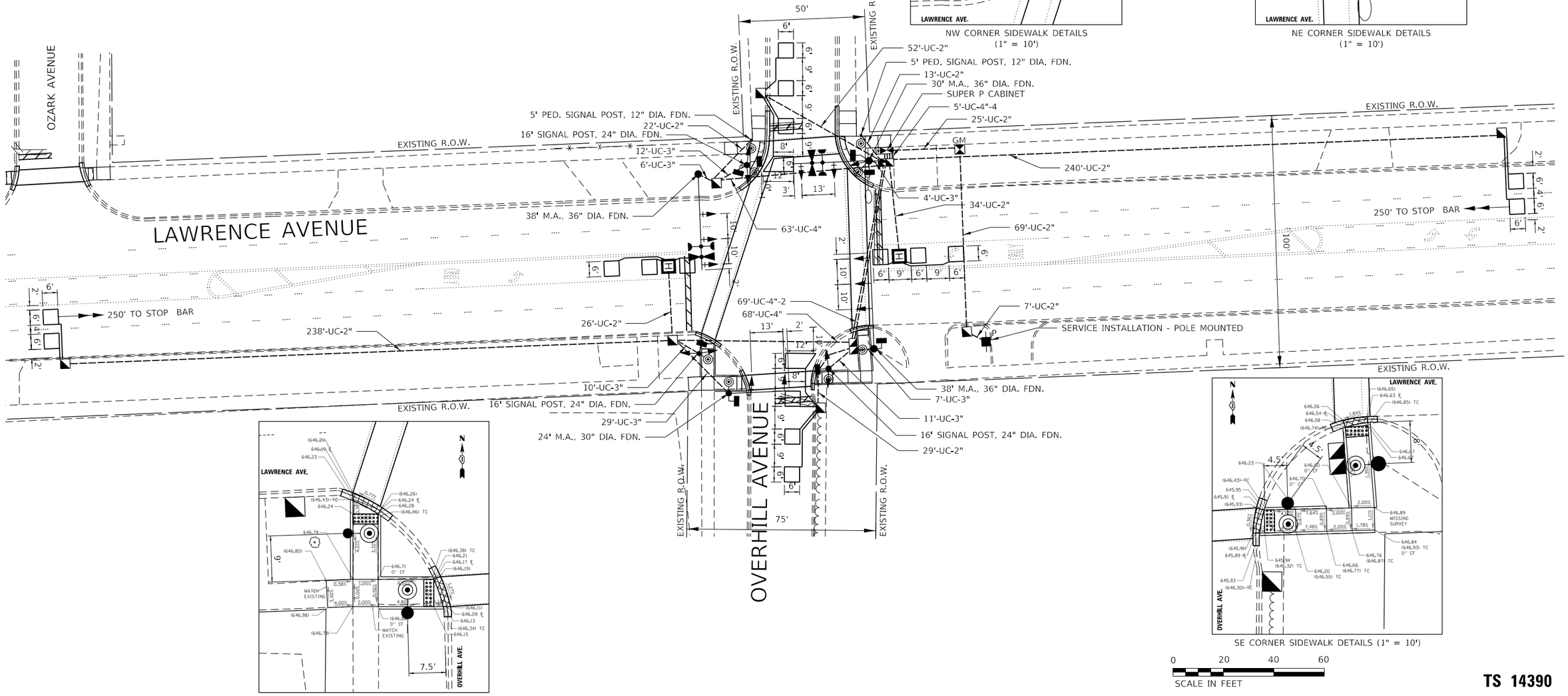
1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
2. ALL PEDESTRIAN PUSH-BUTTONS SHALL BE APS.
3. THE CONTRACTOR SHALL CONFIRM THE FIELD LOCATION OF THE APS EQUIPMENT WITH THE IDOT TRAFFIC SIGNAL AREA ENGINEER BEFORE INSTALLATION.
4. INCLUDE A 5' STUB OF 2" CONDUIT FROM THE GM FOR FUTURE CONNECTION.



NW CORNER SIDEWALK DETAILS
(1" = 10')



NE CORNER SIDEWALK DETAILS
(1" = 10')



SW CORNER SIDEWALK DETAILS (1" = 10')

SE CORNER SIDEWALK DETAILS (1" = 10')

0 20 40 60
SCALE IN FEET

TS 14390

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iteris

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	DRAWN - AM	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - BF	REVISED -	
PLOT DATE = 1/9/2025	DATE - 1/9/2025	REVISED -	

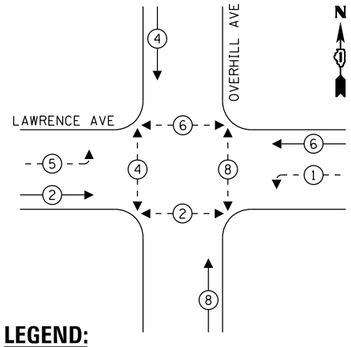
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN
LAWRENCE AVENUE AND OVERHILL AVENUE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	113
		CONTRACT NO. 62P93		
		ILLINOIS	FED. AID PROJECT	

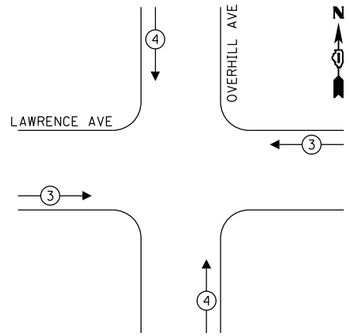
PROPOSED CONTROLLER SEQUENCE



LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OVERLAP (OL)

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE

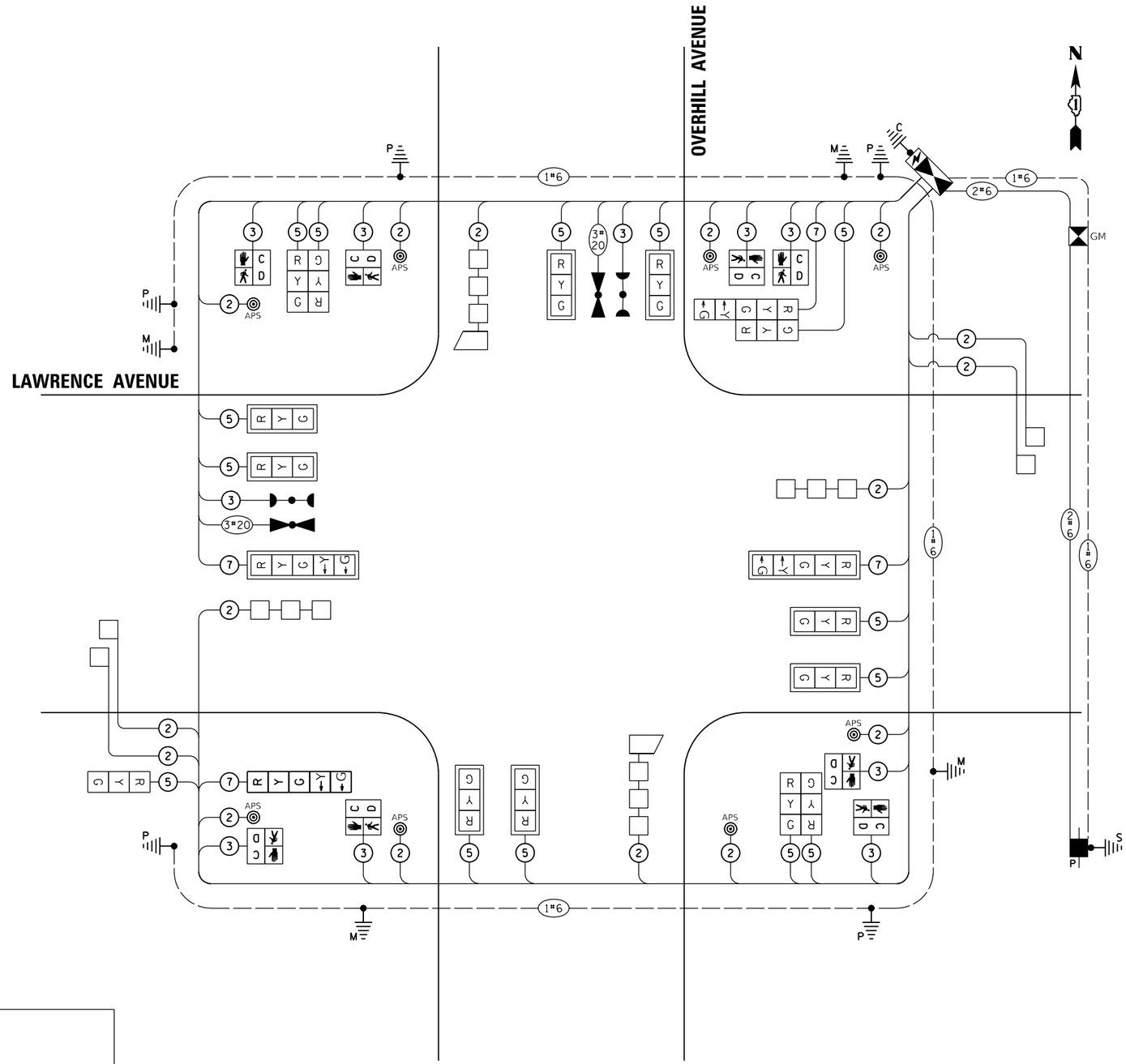


TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE		QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD	3-SECTION	14	11	154
	4-SECTION	-	14	-
	5-SECTION	4	13	52
PROGRAMMABLE	3-SECTION	-	22	-
	4-SECTION	-	32	-
	5-SECTION	-	28	-
PEDESTRIAN SIGNAL		8	15	120
CONTROLLER		1	150	150
MASTER CONTROLLER		-	100	-
UPS		1	25	25
DETECTION RADAR OR VIDEO		-	20	-
BLANK-OUT SIGN		-	25	-
NETWORK SWITCH	II OR III	-	35	-
CELLULAR MODEM		-	15	-
TOTAL UPS SIZING				**501**
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				**1106**

ENERGY COSTS - BILLED TO:

VILLAGE OF NORRIDGE
4000 N OLCOTT AVENUE
NORRIDGE, IL 60706

ENERGY SUPPLY:
CONTACT: ERICKA IRBY
PHONE: 779-231-0633
COMPANY: COM. EDISON
ACCOUNT NUMBER: 2587615663
METER NUMBER:



CABLE PLAN

(NOT TO SCALE)

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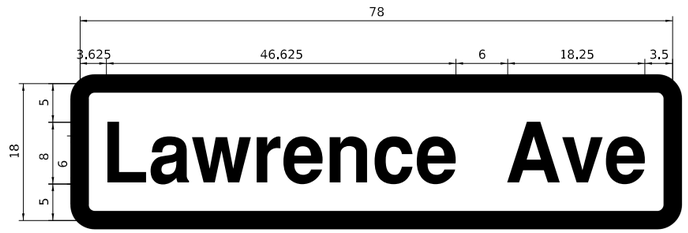
PLOT DATE = 1/7/2025	DATE - 1/7/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

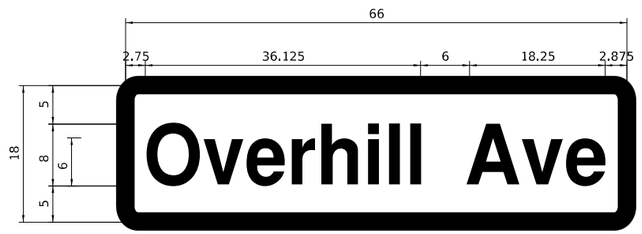
CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
LAWRENCE AVENUE AND OVERHILL AVENUE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	114
		CONTRACT NO. 62P93		
		ILLINOIS	FED. AID PROJECT	



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	9.75	TYPE 1	ZZ	2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	8.25	TYPE 1	ZZ	2

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS DETAIL.

SCHEDULE OF QUANTITIES

	ITEM DESCRIPTION	UNIT	QTY.
	SIGN PANEL - TYPE 1	SQ FT	36
	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	773
	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	100
	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	301
	HANDHOLE	EACH	7
	HEAVY-DUTY HANDHOLE	EACH	2
	DOUBLE HANDHOLE	EACH	2
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	992
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1255
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2006.5
	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	583
	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1880.5
	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	142
	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1216
	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	3
	STEEL MAST ARM ASSEMBLY AND POLE, 24 FT.	EACH	1
	STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	1
	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	2
	CONCRETE FOUNDATION, TYPE A	FOOT	16
	CONCRETE FOUNDATION, TYPE C	FOOT	4
	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10
	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	33
	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	8
	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	6
	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2
	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	2
	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	10
	INDUCTIVE LOOP DETECTOR	EACH	8
	DETECTOR LOOP, TYPE I	FOOT	630
*	LIGHT DETECTOR	EACH	2
*	LIGHT DETECTOR AMPLIFIER	EACH	1
	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	332
	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
	REMOVE EXISTING HANDHOLE	EACH	5
	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
	REMOVE EXISTING CONCRETE FOUNDATION	EACH	6
*	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	226
	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
	PEDESTRIAN SIGNAL POST, 5 FT.	EACH	2
	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET	EACH	1
	UNINTERRUPTABLE POWER SUPPLY (SPECIAL)	EACH	1
	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	8
	LED SIGNAL FACE, LENS COVER	EACH	18
	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

• 100% OF COST TO THE VILLAGE OF NORRIDGE

TS 14390

MODEL: Default
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	DRAWN - AM	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - BF	REVISED -	
PLOT DATE = 1/7/2025	DATE - 1/7/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAST ARM MOUNTED STREET NAME SIGNS AND SCHEDULE OF QUANTITIES
LAWRENCE AVENUE AND OVERHILL AVENUE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	115
		CONTRACT NO. 62P93		
	ILLINOIS	FED. AID PROJECT		

REMOVAL AND RELOCATION NOTES:

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR OWN EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE,

3 EACH PEDESTRIAN PUSH-BUTTON

ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.

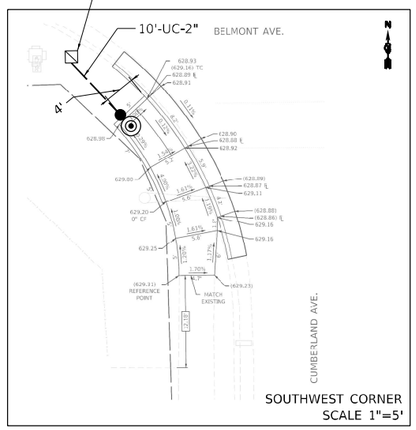
CONTRACTOR SHALL PERFORM WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE PEDESTRIAN AND SIGNAL EQUIPMENT IS NOT OPERATIONAL.

NOTES:

ALL PROPOSED PUSH-BUTTONS SHALL BE APS.

CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE APS EQUIPMENT WITH THE TRAFFIC SIGNAL AREA ENGINEER BEFORE INSTALLATION.

APS PUSH BUTTONS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.



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	DRAWN - TZ	REVISED -	
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PLOT DATE = 12/12/2024	DATE - 12/12/24	REVISED -	

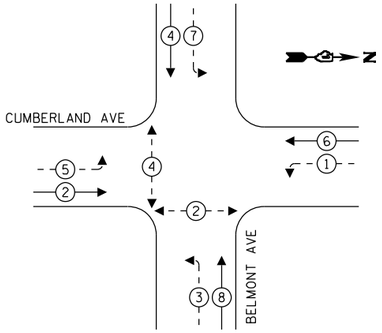
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APS INSTALLATION PLAN
CUMBERLAND AVENUE AND BELMONT AVENUE

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

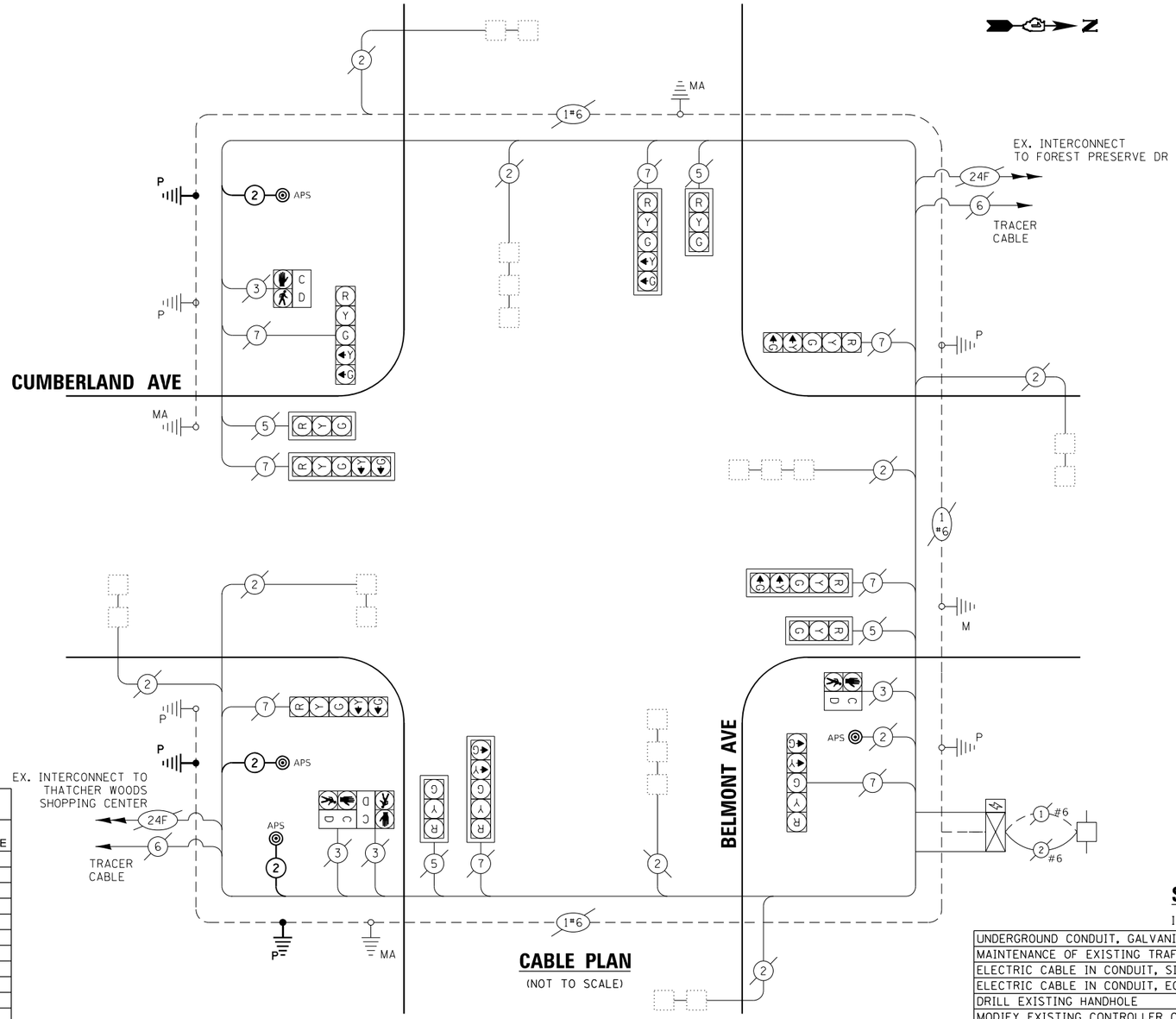
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-172-SW	COOK	147	116
		CONTRACT NO. 62P93		
		ILLINOIS	FED. AID PROJECT	

EXISTING CONTROLLER SEQUENCE



LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL OVERLAP



CABLE PLAN
(NOT TO SCALE)

TRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS

TYPE		QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD	3-SECTION	5	11	55
	4-SECTION	-	14	-
	5-SECTION	8	13	104
PROGRAMMABLE	3-SECTION	-	22	-
	4-SECTION	-	32	-
	5-SECTION	-	28	-
PEDESTRIAN SIGNAL		4	15	60
CONTROLLER		1	150	150
MASTER CONTROLLER		-	100	-
UPS		1	25	25
DETECTION RADAR OR VIDEO		-	20	-
BLANK-OUT SIGN		-	25	-
NETWORK SWITCH	II OR III	-	35	-
CELLULAR MODEM		-	15	-
TOTAL UPS SIZING				**394**
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				**999**

ENERGY COSTS - BILLED TO:

VILLAGE OF RIVER GROVE - 50%
2621 N THATCHER AVENUE
RIVER GROVE, IL 60171

ILLINOIS DEPT. OF TRANSPORTATION - 50%
201 WEST CENTER COURT
SCHAUMBURG, IL 60196

ENERGY SUPPLY:
CONTACT: ERICKA IRBY
PHONE: 779-231-0633
COMPANY: COMED
ACCOUNT NUMBER: 28972-69000

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	63
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	645
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	83
DRILL EXISTING HANDHOLE	EACH	3
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	456
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
ROD AND CLEAN EXISTING CONDUIT	FOOT	310
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	3
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	12
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

TS 4200
EAGLE 2J

iteris

USER NAME = bfunk	DESIGNED - TZ	REVISED -	
	DRAWN - TZ	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - BF	REVISED -	
PLOT DATE = 12/12/2024	DATE - 12/12/24	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CABLE PLAN
CUMBERLAND AVENUE AND BELMONT AVENUE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-172-SW	COOK	147	117
		CONTRACT NO. 62P93		
	ILLINOIS	FED. AID PROJECT		

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REMOVAL AND RELOCATION NOTES:

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR OWN EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

6 EACH PEDESTRIAN PUSH-BUTTON

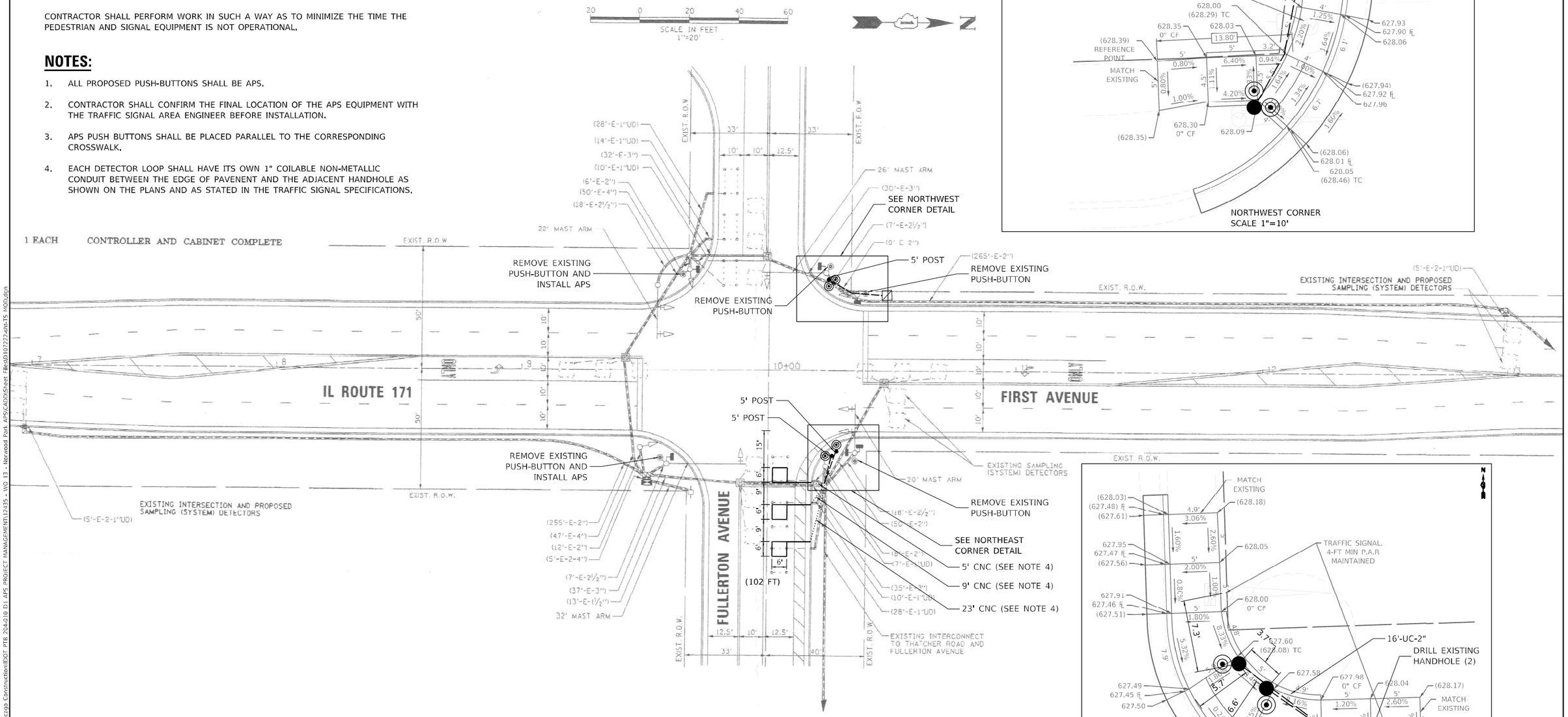
ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.

CONTRACTOR SHALL PERFORM WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE PEDESTRIAN AND SIGNAL EQUIPMENT IS NOT OPERATIONAL.

NOTES:

1. ALL PROPOSED PUSH-BUTTONS SHALL BE APS.
2. CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE APS EQUIPMENT WITH THE TRAFFIC SIGNAL AREA ENGINEER BEFORE INSTALLATION.
3. APS PUSH BUTTONS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
4. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVENENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

1 EACH CONTROLLER AND CABINET COMPLETE



TS 3625
EAGLE 2J

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iteris

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PLOT DATE = 12/12/2024	DATE - 12/12/24	REVISED -	

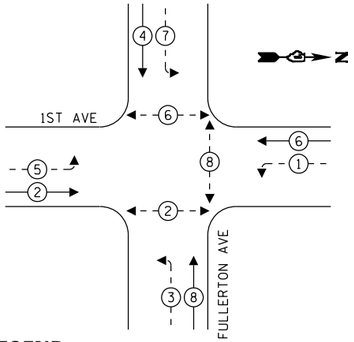
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APS INSTALLATION PLAN
IL ROUTE 171 (FIRST AVENUE) AND FULLERTON AVENUE

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

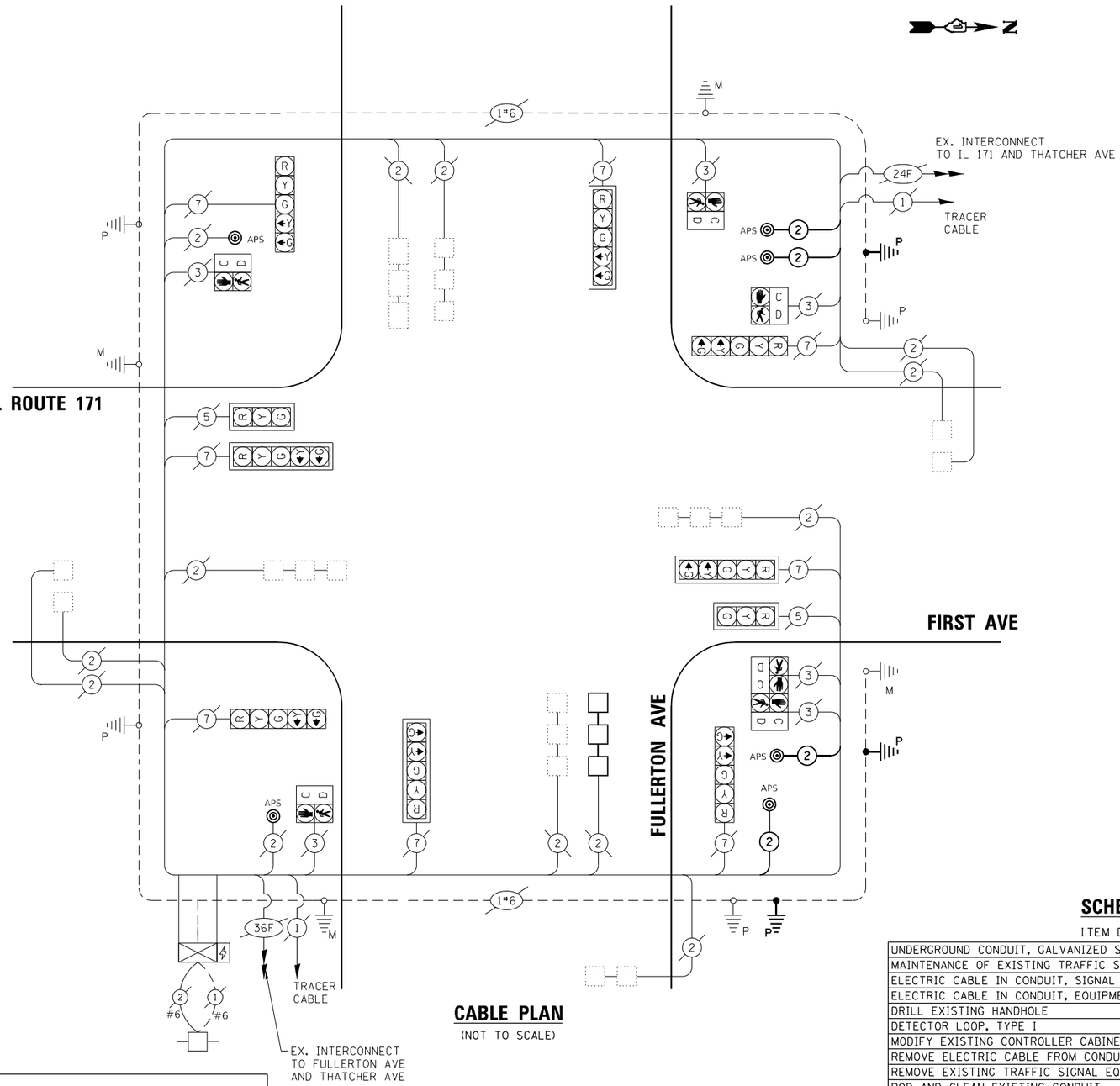
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-172-SW	COOK	147	118
		CONTRACT NO. 62P93		
	ILLINOIS	FED. AID PROJECT		

EXISTING CONTROLLER SEQUENCE



LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL OVERLAP



CABLE PLAN

(NOT TO SCALE)

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE		QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD	3-SECTION	2	11	22
	4-SECTION	-	14	-
	5-SECTION	8	13	104
PROGRAMMABLE	3-SECTION	-	22	-
	4-SECTION	-	32	-
	5-SECTION	-	28	-
PEDESTRIAN SIGNAL		3	15	45
CONTROLLER		1	150	150
MASTER CONTROLLER		-	100	-
UPS		1	25	25
DETECTION RADAR OR VIDEO		-	20	-
BLANK-OUT SIGN		-	25	-
NETWORK SWITCH	II OR III	-	35	-
CELLULAR MODEM		-	15	-
			TOTAL UPS SIZING	346
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	951

ENERGY COSTS - BILLED TO:
VILLAGE OF RIVER GROVE
2621 N THATCHER AVE
RIVER GROVE, IL 60171

ENERGY SUPPLY:
CONTACT: ERICKA IRBY
PHONE: 779-231-0633
COMPANY: COMED
ACCOUNT NUMBER: 79893-58000

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	62
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	509
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	82
DRILL EXISTING HANDHOLE	EACH	3
DETECTOR LOOP, TYPE I	FOOT	102
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	668
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
ROD AND CLEAN EXISTING CONDUIT	FOOT	223
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	3
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	12
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

TS 3625
EAGLE 2J

MODEL: Default
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iteris

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	DRAWN - TZ	REVISED -	
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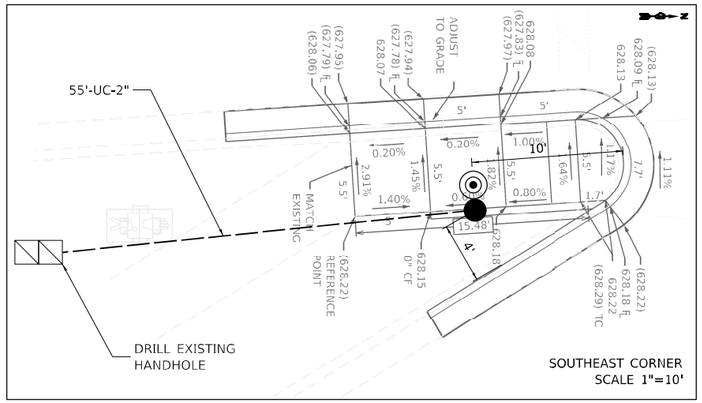
PLOT DATE = 12/12/2024	DATE - 12/12/24	REVISED -	

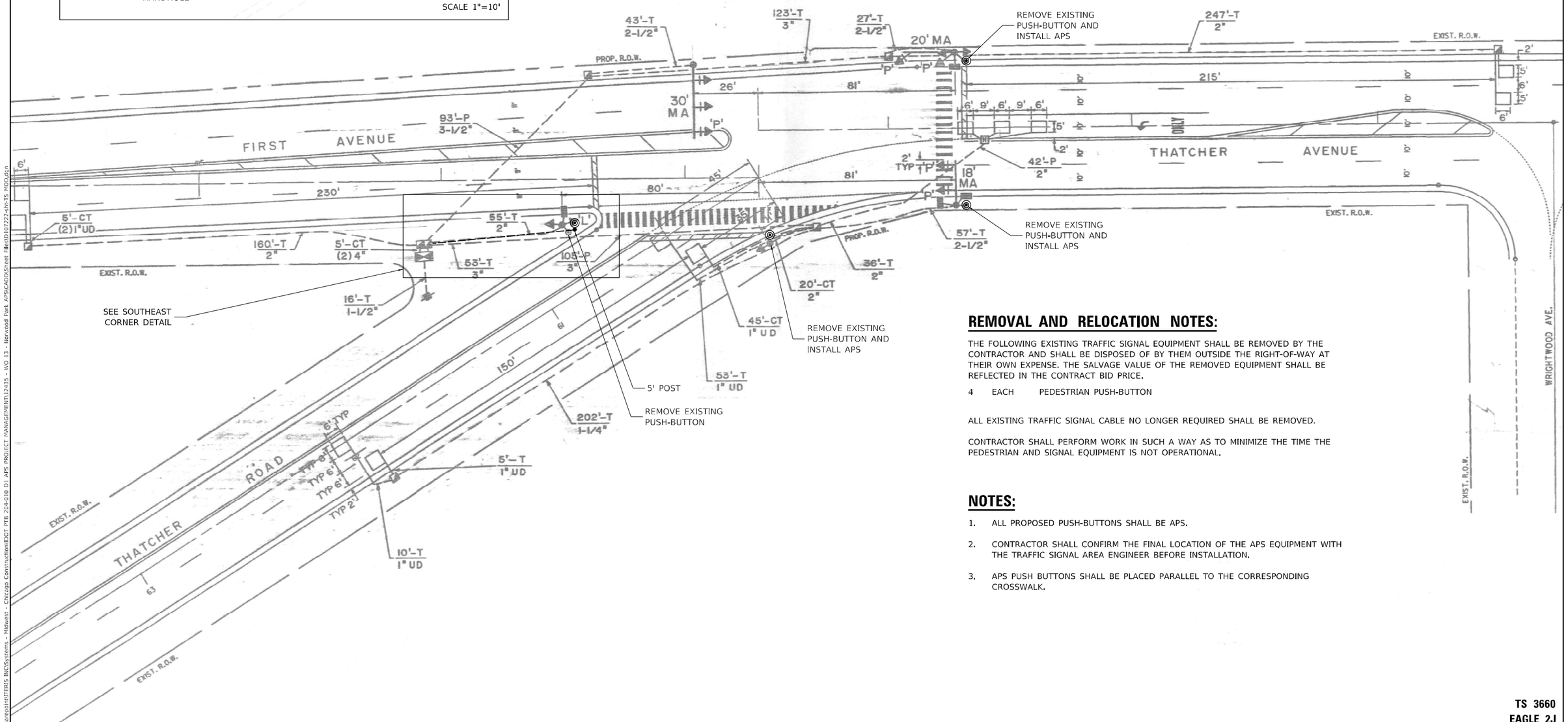
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CABLE PLAN
IL ROUTE 171 (FIRST AVENUE) AND FULLERTON AVENUE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-172-SW	COOK	147	119
		CONTRACT NO. 62P93		
		ILLINOIS FED. AID PROJECT		





REMOVAL AND RELOCATION NOTES:

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR OWN EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

4 EACH PEDESTRIAN PUSH-BUTTON

ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.

CONTRACTOR SHALL PERFORM WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE PEDESTRIAN AND SIGNAL EQUIPMENT IS NOT OPERATIONAL.

NOTES:

1. ALL PROPOSED PUSH-BUTTONS SHALL BE APS.
2. CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE APS EQUIPMENT WITH THE TRAFFIC SIGNAL AREA ENGINEER BEFORE INSTALLATION.
3. APS PUSH BUTTONS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.

TS 3660
EAGLE 2J

MODEL: Default
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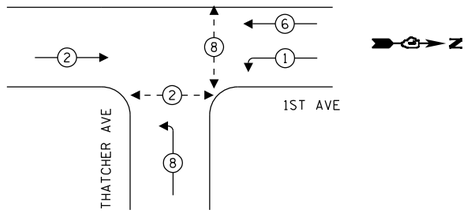
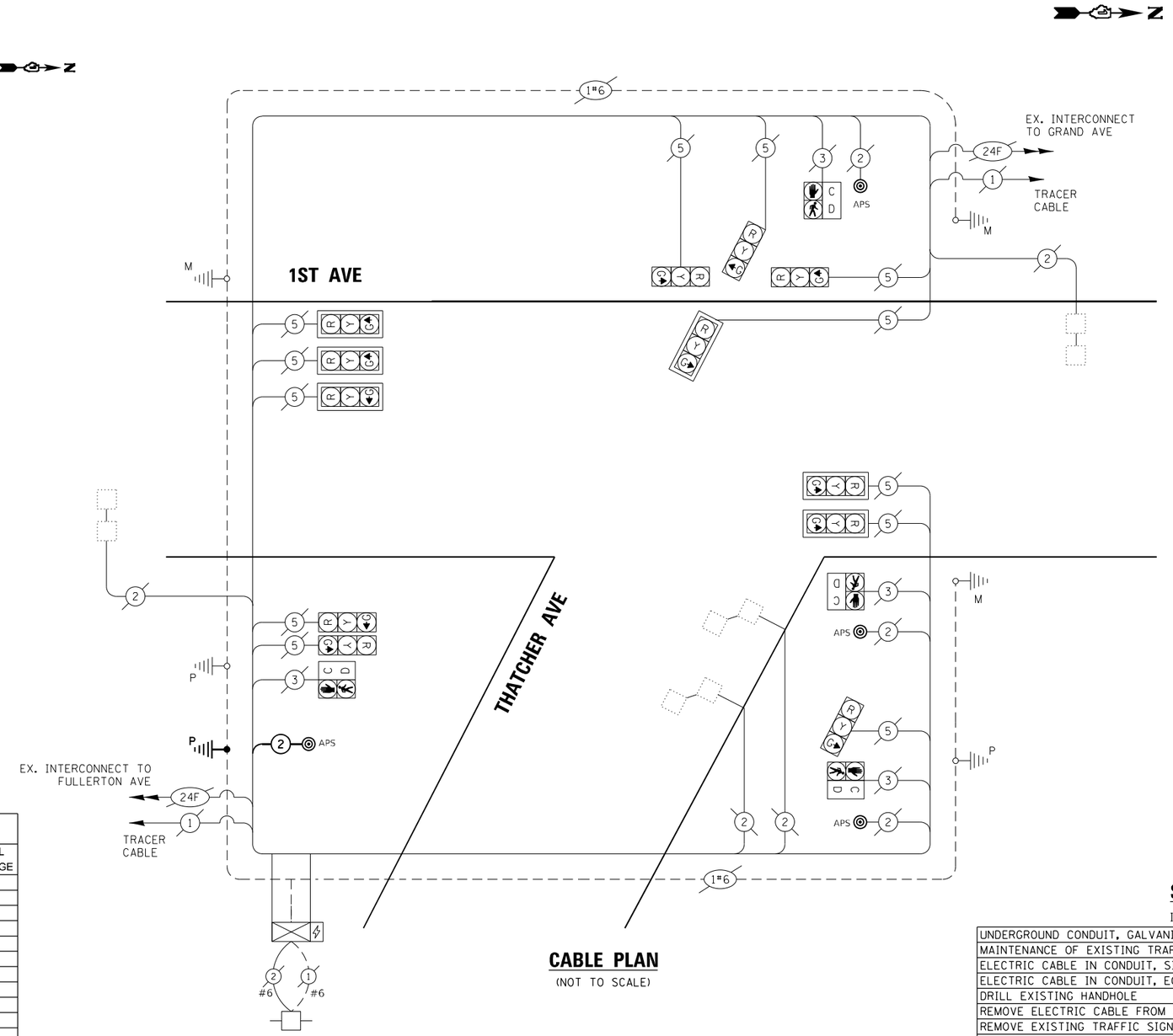
iteris	USER NAME = bfunk	DESIGNED - TZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	APS INSTALLATION PLAN IL ROUTE 171 (FIRST AVENUE) AND THATCHER AVENUE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - TZ	REVISED -			VAR	2021-172-SW	COOK	147	120
	PLOT SCALE = 100.0000 ' / in.	CHECKED - BF	REVISED -					CONTRACT NO. 62P93		
	PLOT DATE = 12/12/2024	DATE - 12/12/24	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		

EXISTING CONTROLLER SEQUENCE



LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL OVERLAP



CABLE PLAN

(NOT TO SCALE)

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE		QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD	3-SECTION	12	11	132
	4-SECTION	-	14	-
	5-SECTION	-	13	-
PROGRAMMABLE	3-SECTION	-	22	-
	4-SECTION	-	32	-
	5-SECTION	-	28	-
PEDESTRIAN SIGNAL		4	15	60
CONTROLLER		1	150	150
MASTER CONTROLLER		-	100	-
UPS		1	25	25
DETECTION RADAR OR VIDEO		-	20	-
BLANK-OUT SIGN		-	25	-
NETWORK SWITCH	II OR III	-	35	-
CELLULAR MODEM		-	15	-
TOTAL UPS SIZING				**367**
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				**972**

ENERGY COSTS - BILLED TO:

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, IL 60196

ENERGY SUPPLY:
CONTACT: ERICKA IRBY
PHONE: 779-231-0633
COMPANY: COMED
ACCOUNT NUMBER: 28972-69000

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	58
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	89
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	70
DRILL EXISTING HANDHOLE	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	67
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	4
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

TS 3660
EAGLE 2J

MODEL: Default
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iteris

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	DRAWN - TZ	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - BF	REVISED -	
PLOT DATE = 12/12/2024	DATE - 12/12/24	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CABLE PLAN
IL ROUTE 171 (FIRST AVENUE) AND THATCHER AVENUE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-172-SW	COOK	147	121
		CONTRACT NO. 62P93		
	ILLINOIS	FED. AID PROJECT		

REMOVAL AND RELOCATION NOTES:

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR OWN EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

4 EACH PEDESTRIAN PUSH-BUTTON

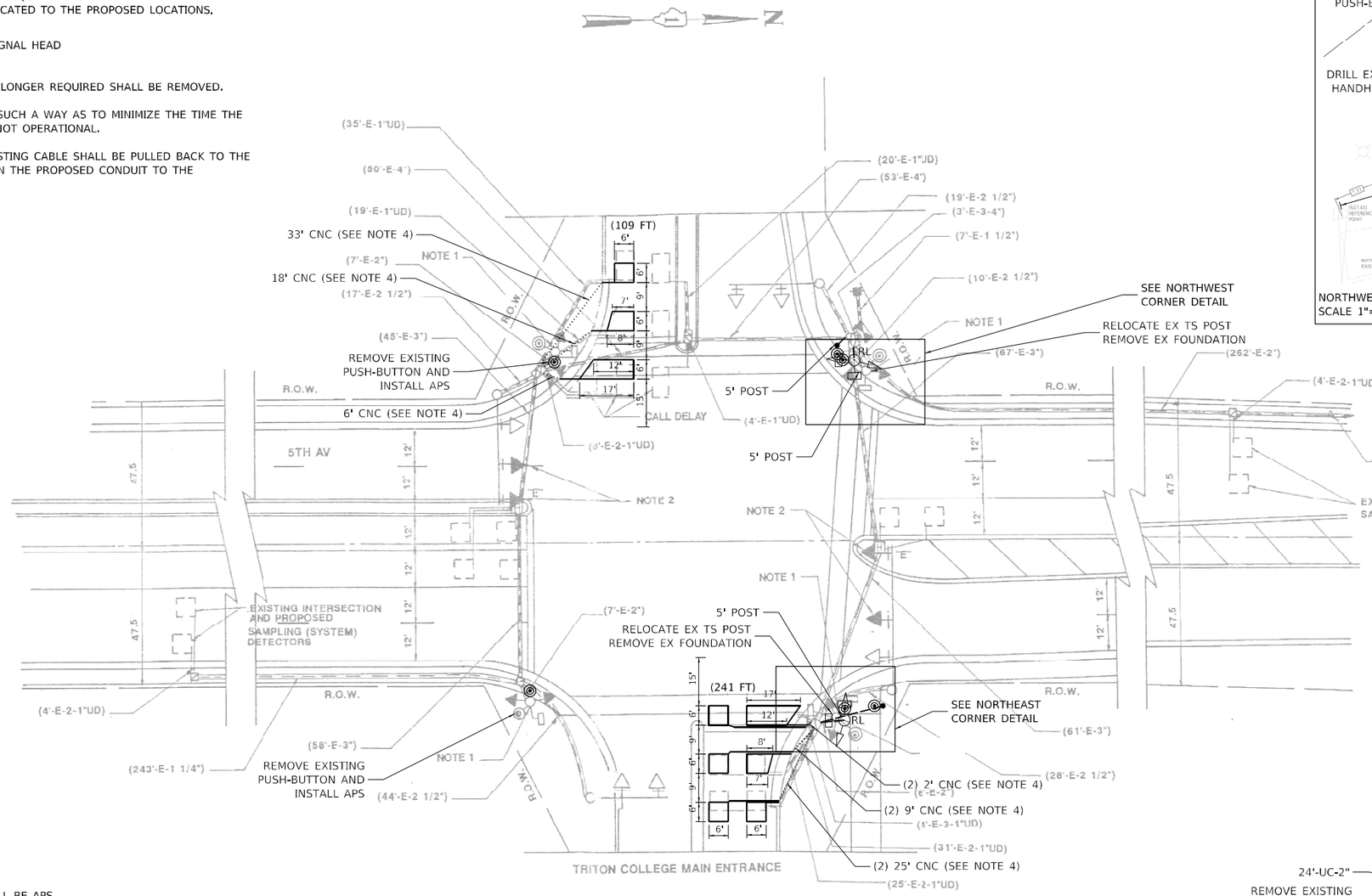
THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED AND RELOCATED TO THE PROPOSED LOCATIONS.

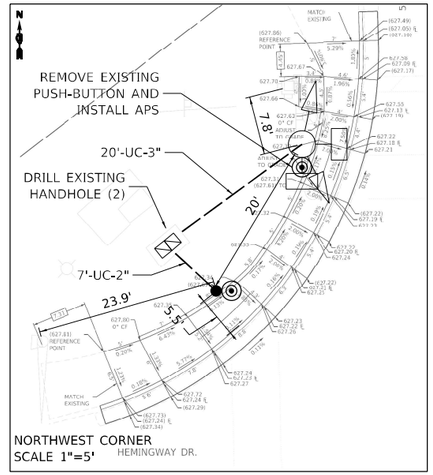
4 EACH EXISTING SIGNAL HEAD
4 EACH EXISTING PEDESTRIAN SIGNAL HEAD
2 EACH SIGNAL POST

ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.

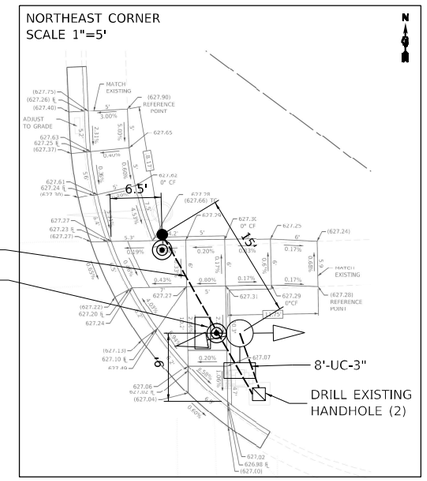
CONTRACTOR SHALL PERFORM WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE PEDESTRIAN AND SIGNAL EQUIPMENT IS NOT OPERATIONAL.

FOR RELOCATED SIGNAL HEADS, THE EXISTING CABLE SHALL BE PULLED BACK TO THE ADJACENT HANDHOLE, THEN INSTALLED IN THE PROPOSED CONDUIT TO THE RELOCATED SIGNAL SIGNAL HEAD.





NORTHWEST CORNER
SCALE 1"=5'



NOTES:

1. ALL PROPOSED PUSH-BUTTONS SHALL BE APS.
2. CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE APS EQUIPMENT WITH THE TRAFFIC SIGNAL AREA ENGINEER BEFORE INSTALLATION.
3. APS PUSH BUTTONS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
4. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVENENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

TS 3690
EAGLE 5K

iteris	USER NAME = bfunk	DESIGNED - TZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	APS INSTALLATION PLAN FIFTH AVENUE AND HEMINGWAY DRIVE
		DRAWN - TZ	REVISED -		
	PLOT SCALE = 100.0000 ' / in.	CHECKED - BF	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.
	PLOT DATE = 1/9/2025	DATE - 12/12/24	REVISED -		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-172-SW	COOK	147	122
		CONTRACT NO. 62P93		
	ILLINOIS	FED. AID PROJECT		

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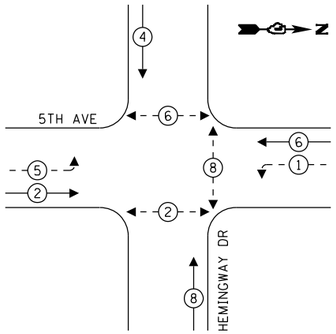
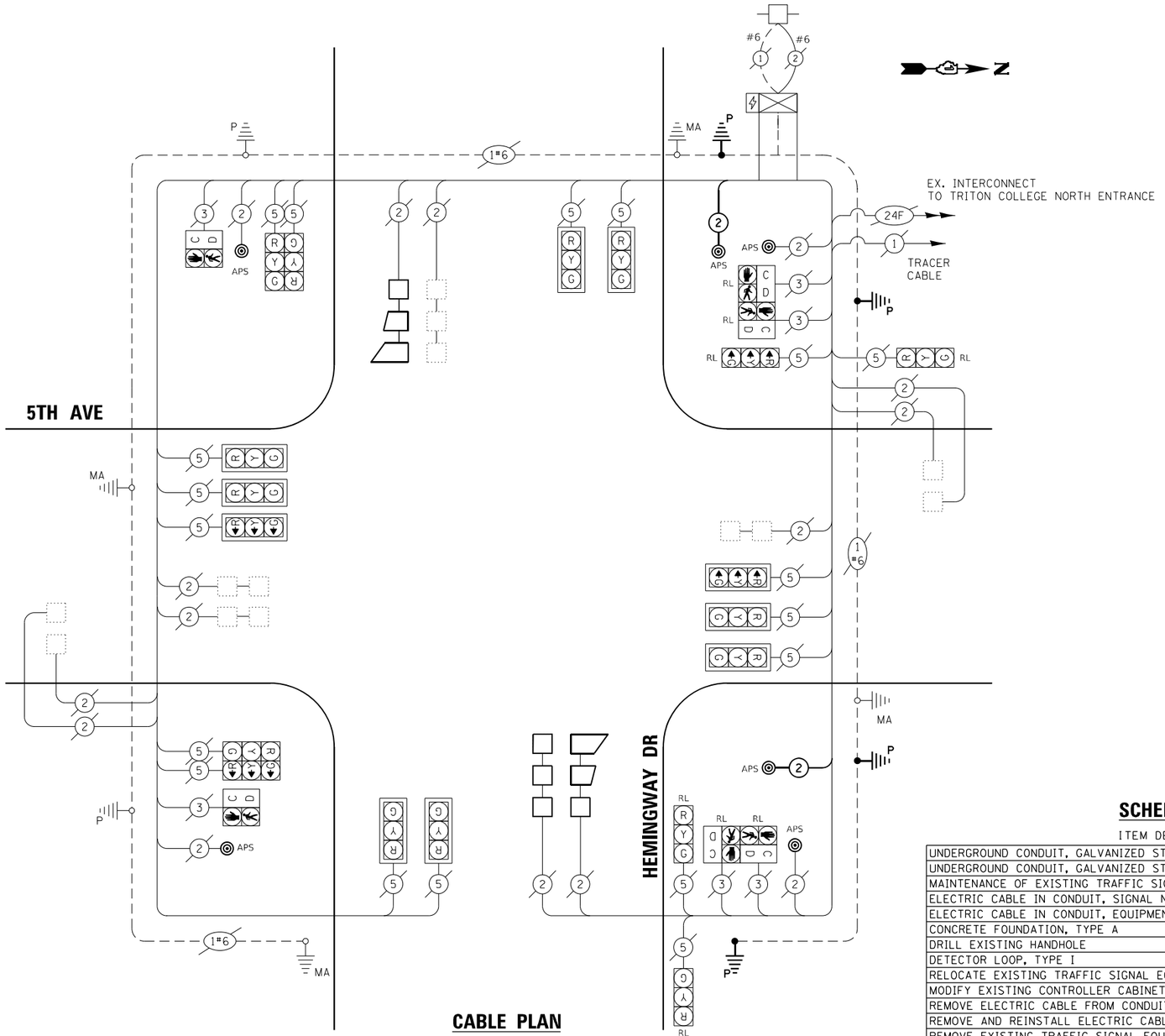
EXISTING CONTROLLER SEQUENCE



LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL OVERLAP



CABLE PLAN
(NOT TO SCALE)

TRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS

TYPE		QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD	3-SECTION	18	11	198
	4-SECTION	-	14	-
	5-SECTION	-	13	-
PROGRAMMABLE	3-SECTION	-	22	-
	4-SECTION	-	32	-
	5-SECTION	-	28	-
PEDESTRIAN SIGNAL		6	15	90
CONTROLLER		1	150	150
MASTER CONTROLLER		-	100	-
UPS		1	25	25
DETECTION RADAR OR VIDEO		-	20	-
BLANK-OUT SIGN		-	25	-
NETWORK SWITCH	II OR III	-	35	-
CELLULAR MODEM		-	15	-
	TOTAL UPS SIZING			**463**
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			**1068**

ENERGY COSTS - BILLED TO:

TRITON COLLEGE
2000 FIFTH AVENUE
RIVER GROVE, IL 60171

ENERGY SUPPLY:
CONTACT: ERICKA IRBY
PHONE: 779-231-0633
COMPANY: COMED
ACCOUNT NUMBER: 843590800

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	36
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	34
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	235
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	106
CONCRETE FOUNDATION, TYPE A	FOOT	8
DRILL EXISTING HANDHOLE	EACH	4
DETECTOR LOOP, TYPE I	FOOT	86
RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	212
REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	336
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	2
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	2
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	8
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

TS 3690
EAGLE 5K

iteris

USER NAME = bfunk	DESIGNED - TZ	REVISED -
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PLOT SCALE = 100.0000 ' / in.	CHECKED - BF	REVISED -
PLOT DATE = 12/12/2024	DATE - 12/12/24	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CABLE PLAN
FIFTH AVENUE AND HEMINGWAY DRIVE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-172-SW	COOK	147	123
		CONTRACT NO. 62P93		
		ILLINOIS	FED. AID PROJECT	

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REMOVAL AND RELOCATION NOTES:

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR OWN EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE,

3 EACH PEDESTRIAN PUSH-BUTTON

ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.

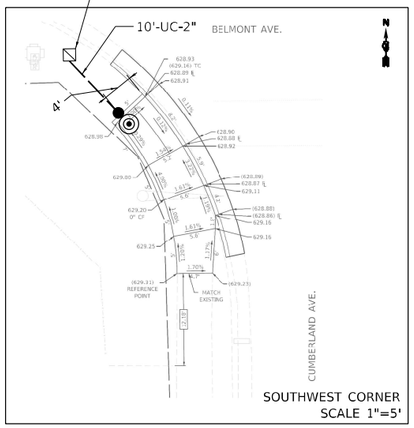
CONTRACTOR SHALL PERFORM WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE PEDESTRIAN AND SIGNAL EQUIPMENT IS NOT OPERATIONAL.

NOTES:

ALL PROPOSED PUSH-BUTTONS SHALL BE APS.

CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE APS EQUIPMENT WITH THE TRAFFIC SIGNAL AREA ENGINEER BEFORE INSTALLATION.

APS PUSH BUTTONS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.



TS 4200
EAGLE 2J

MODEL: Default
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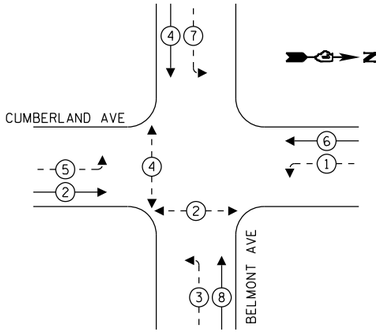
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APS INSTALLATION PLAN
CUMBERLAND AVENUE AND BELMONT AVENUE

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

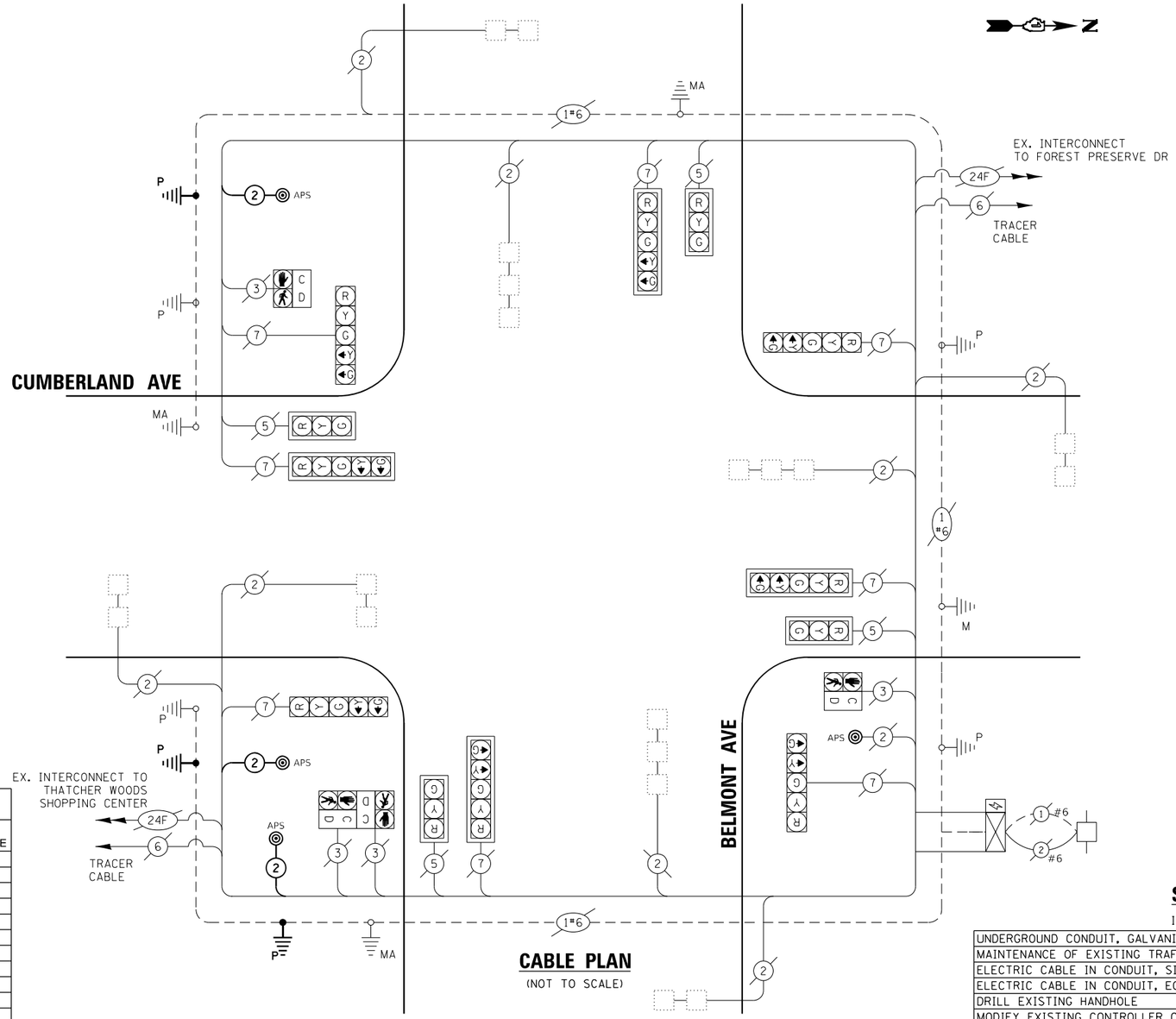
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-172-SW	COOK	147	123A
		CONTRACT NO. 62P93		
		ILLINOIS	FED. AID PROJECT	

EXISTING CONTROLLER SEQUENCE



LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL OVERLAP



CABLE PLAN
(NOT TO SCALE)

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE		QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD	3-SECTION	5	11	55
	4-SECTION	-	14	-
	5-SECTION	8	13	104
PROGRAMMABLE	3-SECTION	-	22	-
	4-SECTION	-	32	-
	5-SECTION	-	28	-
PEDESTRIAN SIGNAL		4	15	60
CONTROLLER		1	150	150
MASTER CONTROLLER		-	100	-
UPS		1	25	25
DETECTION RADAR OR VIDEO		-	20	-
BLANK-OUT SIGN		-	25	-
NETWORK SWITCH	II OR III	-	35	-
CELLULAR MODEM		-	15	-
TOTAL UPS SIZING				**394**
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				**999**

ENERGY COSTS - BILLED TO:

VILLAGE OF RIVER GROVE - 50%
2621 N THATCHER AVENUE
RIVER GROVE, IL 60171

ILLINOIS DEPT. OF TRANSPORTATION - 50%
201 WEST CENTER COURT
SCHAUMBURG, IL 60196

ENERGY SUPPLY: CONTACT: ERICKA IRBY
PHONE: 779-231-0633
COMPANY: COMED
ACCOUNT NUMBER: 28972-69000

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	63
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	645
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	83
DRILL EXISTING HANDHOLE	EACH	3
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	456
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
ROD AND CLEAN EXISTING CONDUIT	FOOT	310
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	3
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	12
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

TS 4200
EAGLE 2J

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PLOT DATE = 12/12/2024	DATE - 12/12/24	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CABLE PLAN
CUMBERLAND AVENUE AND BELMONT AVENUE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-172-SW	COOK	147	123B
		CONTRACT NO. 62P93		
	ILLINOIS	FED. AID PROJECT		

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REMOVAL AND RELOCATION NOTES:

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR OWN EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

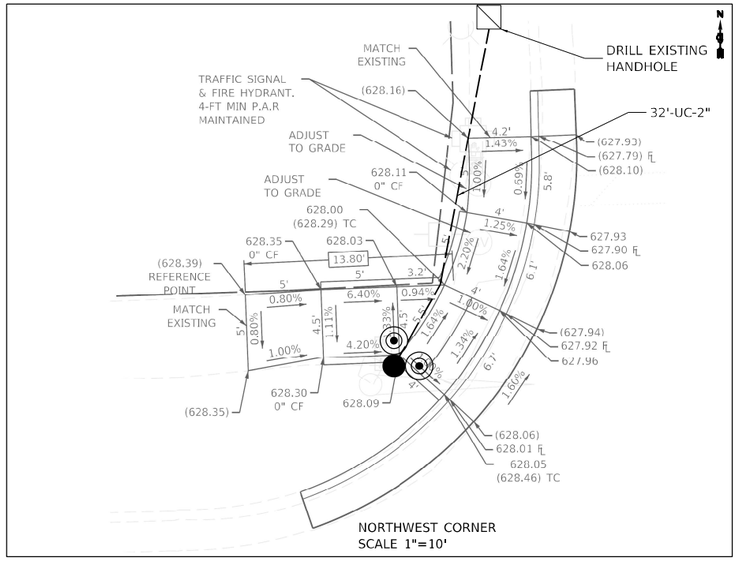
6 EACH PEDESTRIAN PUSH-BUTTON

ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.

CONTRACTOR SHALL PERFORM WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE PEDESTRIAN AND SIGNAL EQUIPMENT IS NOT OPERATIONAL.

NOTES:

1. ALL PROPOSED PUSH-BUTTONS SHALL BE APS.
2. CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE APS EQUIPMENT WITH THE TRAFFIC SIGNAL AREA ENGINEER BEFORE INSTALLATION.
3. APS PUSH BUTTONS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
4. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVENENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.



TS 3625
EAGLE 2J

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PLOT SCALE = 100.0000 ' / in.	CHECKED - BF	REVISED -	
PLOT DATE = 12/12/2024	DATE - 12/12/24	REVISED -	

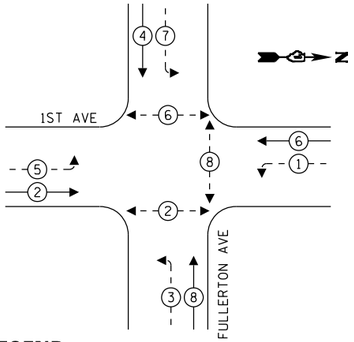
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APS INSTALLATION PLAN
IL ROUTE 171 (FIRST AVENUE) AND FULLERTON AVENUE

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

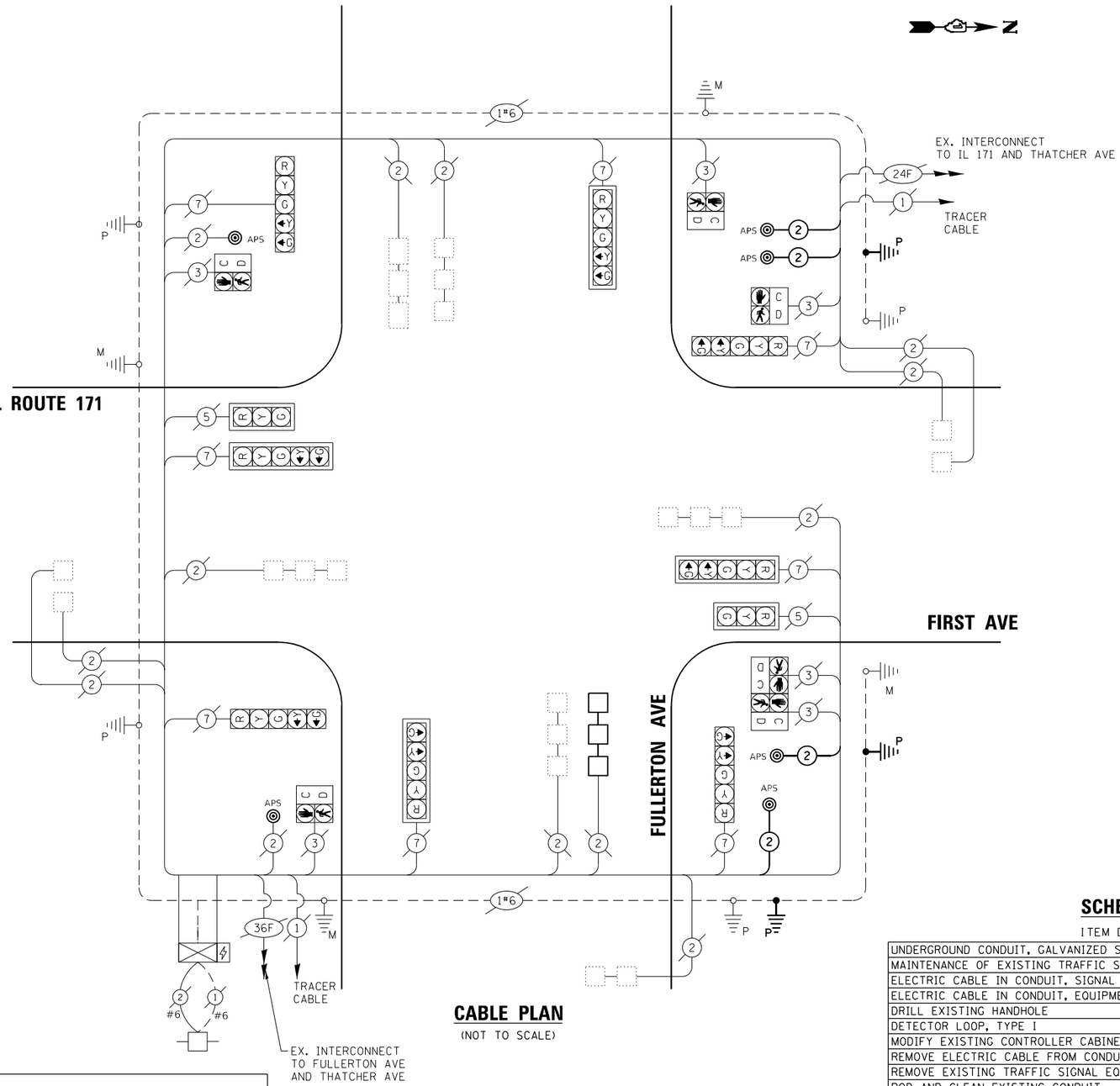
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-172-SW	COOK	147	123C
		CONTRACT NO. 62P93		
	ILLINOIS	FED. AID PROJECT		

EXISTING CONTROLLER SEQUENCE



LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL OVERLAP



CABLE PLAN

(NOT TO SCALE)

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE		QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD	3-SECTION	2	11	22
	4-SECTION	-	14	-
	5-SECTION	8	13	104
PROGRAMMABLE	3-SECTION	-	22	-
	4-SECTION	-	32	-
	5-SECTION	-	28	-
PEDESTRIAN SIGNAL		3	15	45
CONTROLLER		1	150	150
MASTER CONTROLLER		-	100	-
UPS		1	25	25
DETECTION RADAR OR VIDEO		-	20	-
BLANK-OUT SIGN		-	25	-
NETWORK SWITCH	II OR III	-	35	-
CELLULAR MODEM		-	15	-
TOTAL UPS SIZING				**346**
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				**951**

ENERGY COSTS - BILLED TO:

VILLAGE OF RIVER GROVE
2621 N THATCHER AVE
RIVER GROVE, IL 60171

ENERGY SUPPLY:
CONTACT: ERICKA IRBY
PHONE: 779-231-0633
COMPANY: COMED
ACCOUNT NUMBER: 79893-58000

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	62
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	509
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	82
DRILL EXISTING HANDHOLE	EACH	3
DETECTOR LOOP, TYPE I	FOOT	102
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	668
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
ROD AND CLEAN EXISTING CONDUIT	FOOT	223
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	3
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	12
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

TS 3625
EAGLE 2J

iteris

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PLOT DATE = 12/12/2024	DATE - 12/12/24	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CABLE PLAN
IL ROUTE 171 (FIRST AVENUE) AND FULLERTON AVENUE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-172-SW	COOK	147	123D
		CONTRACT NO. 62P93		
		ILLINOIS	FED. AID PROJECT	

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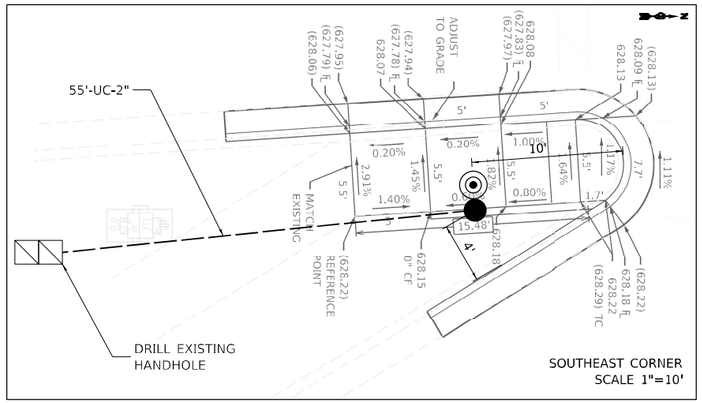

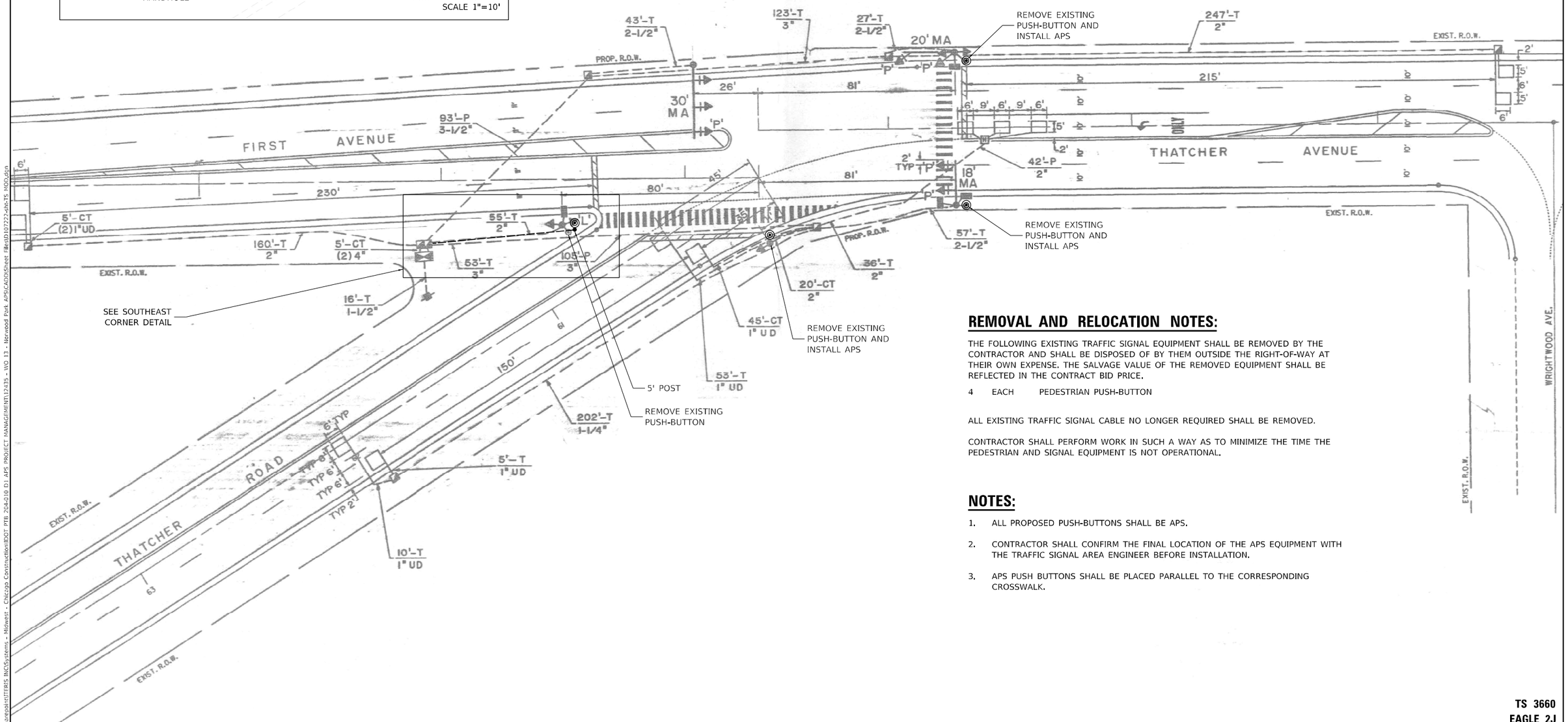

REMOVAL AND RELOCATION NOTES:

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR OWN EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

4 EACH PEDESTRIAN PUSH-BUTTON

ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.

CONTRACTOR SHALL PERFORM WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE PEDESTRIAN AND SIGNAL EQUIPMENT IS NOT OPERATIONAL.

NOTES:

1. ALL PROPOSED PUSH-BUTTONS SHALL BE APS.
2. CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE APS EQUIPMENT WITH THE TRAFFIC SIGNAL AREA ENGINEER BEFORE INSTALLATION.
3. APS PUSH BUTTONS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.

TS 3660
EAGLE 2J

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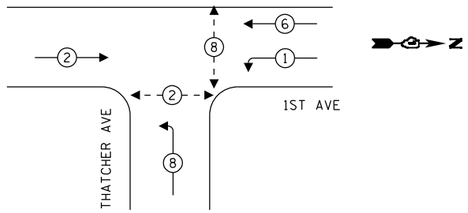
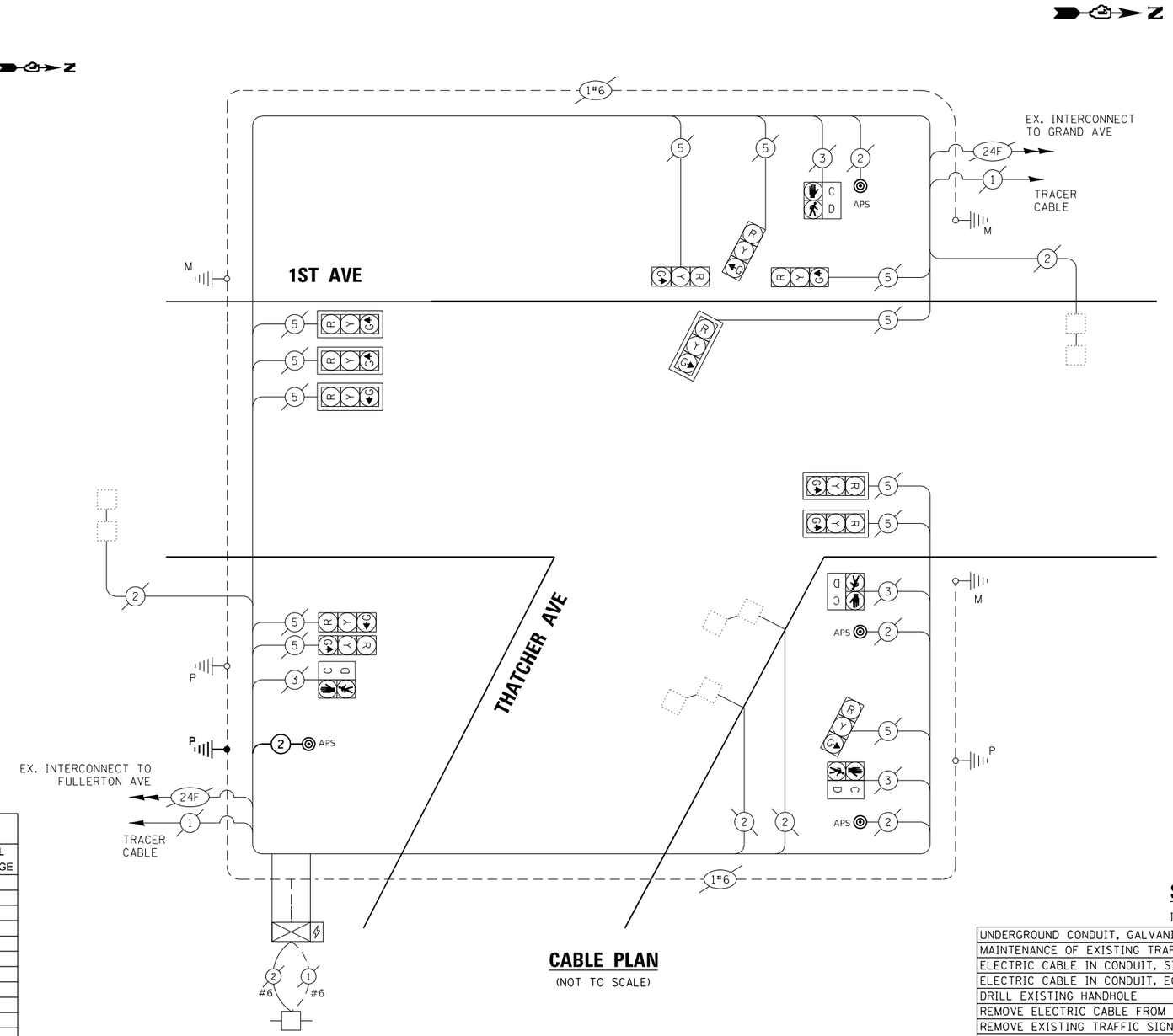
iteris	USER NAME = bfunk	DESIGNED - TZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	APS INSTALLATION PLAN IL ROUTE 171 (FIRST AVENUE) AND THATCHER AVENUE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - TZ	REVISED -			VAR	2021-172-SW	COOK	147	123E
	PLOT SCALE = 100.0000 ' / in.	CHECKED - BF	REVISED -					CONTRACT NO. 62P93		
	PLOT DATE = 12/12/2024	DATE - 12/12/24	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		

EXISTING CONTROLLER SEQUENCE



LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL OVERLAP



CABLE PLAN

(NOT TO SCALE)

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE		QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD	3-SECTION	12	11	132
	4-SECTION	-	14	-
	5-SECTION	-	13	-
PROGRAMMABLE	3-SECTION	-	22	-
	4-SECTION	-	32	-
	5-SECTION	-	28	-
PEDESTRIAN SIGNAL		4	15	60
CONTROLLER		1	150	150
MASTER CONTROLLER		-	100	-
UPS		1	25	25
DETECTION RADAR OR VIDEO		-	20	-
BLANK-OUT SIGN		-	25	-
NETWORK SWITCH	II OR III	-	35	-
CELLULAR MODEM		-	15	-
TOTAL UPS SIZING				**367**
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				**972**

ENERGY COSTS - BILLED TO:

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, IL 60196

ENERGY SUPPLY:
CONTACT: ERICKA IRBY
PHONE: 779-231-0633
COMPANY: COMED
ACCOUNT NUMBER: 28972-69000

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	58
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	89
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	70
DRILL EXISTING HANDHOLE	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	67
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	4
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

TS 3660
EAGLE 2J

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PLOT DATE = 12/12/2024	DATE - 12/12/24	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CABLE PLAN
IL ROUTE 171 (FIRST AVENUE) AND THATCHER AVENUE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-172-SW	COOK	147	123F
		CONTRACT NO. 62P93		
	ILLINOIS	FED. AID PROJECT		

REMOVAL AND RELOCATION NOTES:

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR OWN EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

4 EACH PEDESTRIAN PUSH-BUTTON

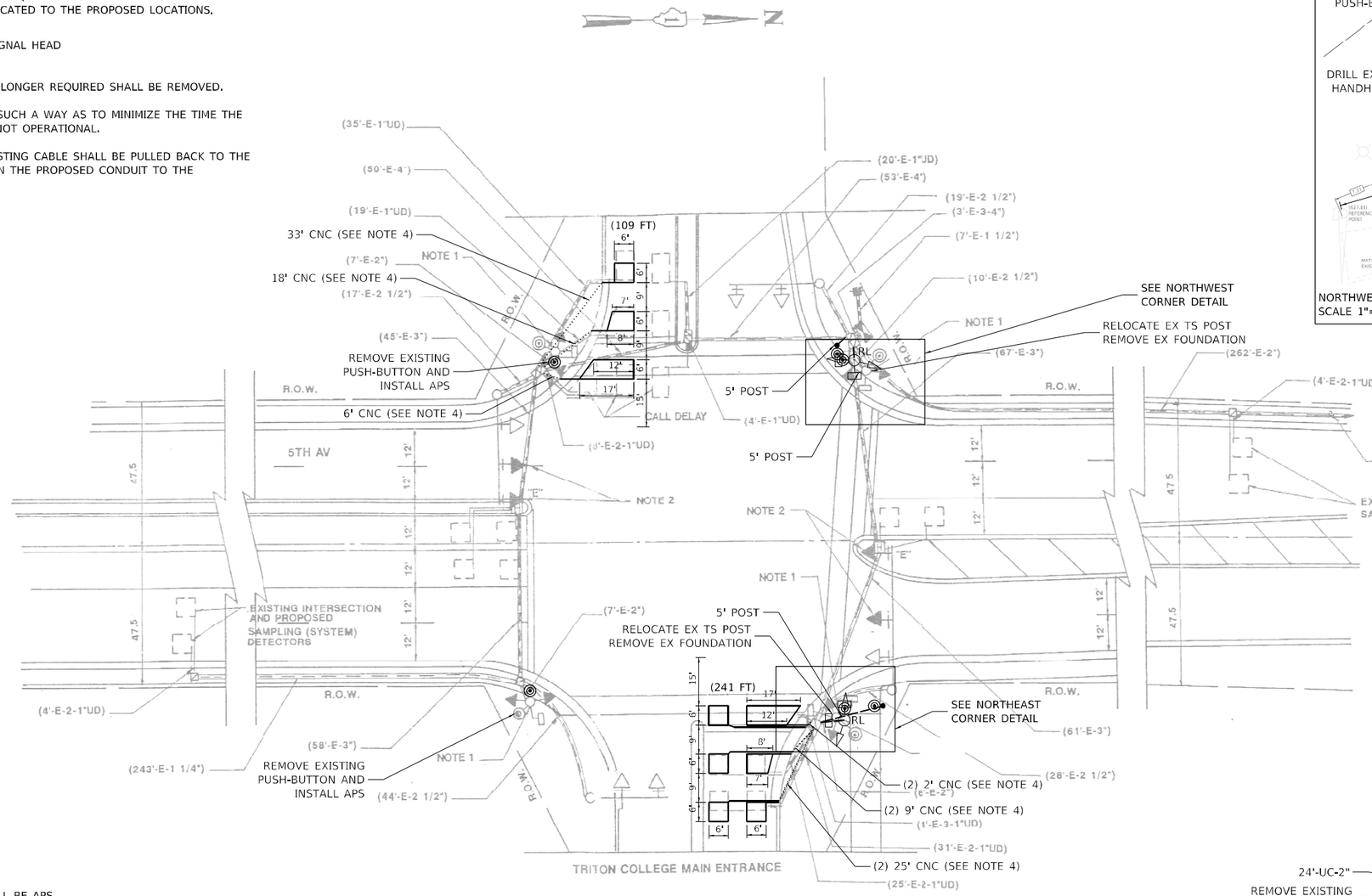
THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED AND RELOCATED TO THE PROPOSED LOCATIONS.

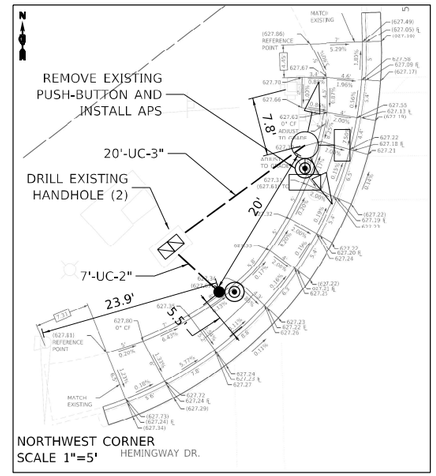
4 EACH EXISTING SIGNAL HEAD
4 EACH EXISTING PEDESTRIAN SIGNAL HEAD
2 EACH SIGNAL POST

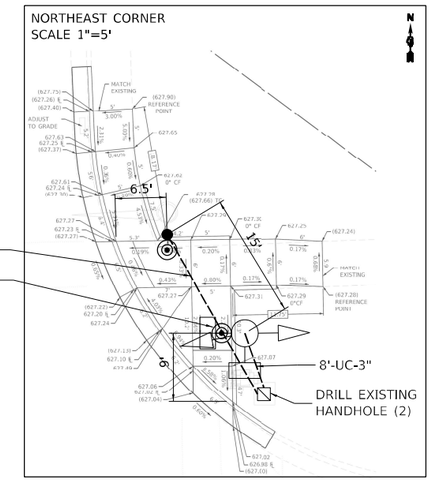
ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.

CONTRACTOR SHALL PERFORM WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE PEDESTRIAN AND SIGNAL EQUIPMENT IS NOT OPERATIONAL.

FOR RELOCATED SIGNAL HEADS, THE EXISTING CABLE SHALL BE PULLED BACK TO THE ADJACENT HANDHOLE, THEN INSTALLED IN THE PROPOSED CONDUIT TO THE RELOCATED SIGNAL SIGNAL HEAD.







NOTES:

1. ALL PROPOSED PUSH-BUTTONS SHALL BE APS.
2. CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE APS EQUIPMENT WITH THE TRAFFIC SIGNAL AREA ENGINEER BEFORE INSTALLATION.
3. APS PUSH BUTTONS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
4. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVENENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

TS 3690
EAGLE 5K

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	DRAWN - TZ	REVISED -	
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PLOT DATE = 1/9/2025	DATE - 12/12/24	REVISED -	

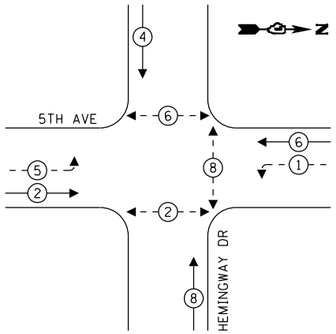
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APS INSTALLATION PLAN
FIFTH AVENUE AND HEMINGWAY DRIVE

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

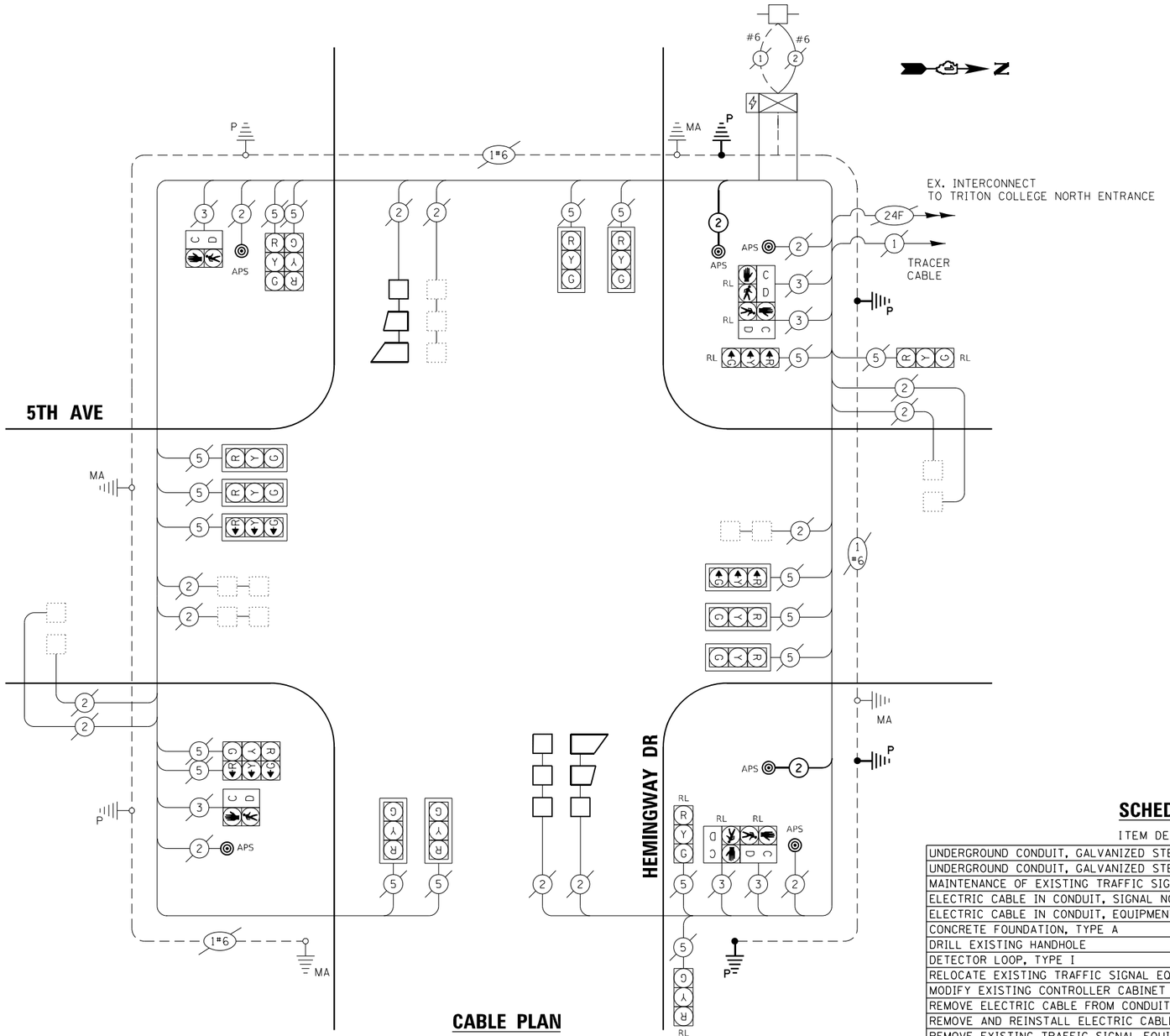
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-172-SW	COOK	147	123G
		CONTRACT NO. 62P93		
		ILLINOIS	FED. AID PROJECT	

EXISTING CONTROLLER SEQUENCE



LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL OVERLAP



CABLE PLAN
(NOT TO SCALE)

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE		QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD	3-SECTION	18	11	198
	4-SECTION	-	14	-
	5-SECTION	-	13	-
PROGRAMMABLE	3-SECTION	-	22	-
	4-SECTION	-	32	-
	5-SECTION	-	28	-
PEDESTRIAN SIGNAL		6	15	90
CONTROLLER		1	150	150
MASTER CONTROLLER		-	100	-
UPS		1	25	25
DETECTION RADAR OR VIDEO		-	20	-
BLANK-OUT SIGN		-	25	-
NETWORK SWITCH	II OR III	-	35	-
CELLULAR MODEM		-	15	-
TOTAL UPS SIZING				**463**
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				**1068**

ENERGY COSTS - BILLED TO:

TRITON COLLEGE
2000 FIFTH AVENUE
RIVER GROVE, IL 60171

ENERGY SUPPLY:
CONTACT: ERICKA IRBY
PHONE: 779-231-0633
COMPANY: COMED
ACCOUNT NUMBER: 843590800

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	36
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	34
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	235
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	106
CONCRETE FOUNDATION, TYPE A	FOOT	8
DRILL EXISTING HANDHOLE	EACH	4
DETECTOR LOOP, TYPE I	FOOT	86
RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	212
REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	336
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	2
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	2
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	8
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

TS 3690
EAGLE 5K

iteris

USER NAME = bfunk	DESIGNED - TZ	REVISED -
	DRAWN - TZ	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - BF	REVISED -
PLOT DATE = 12/12/2024	DATE - 12/12/24	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CABLE PLAN
FIFTH AVENUE AND HEMINGWAY DRIVE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-172-SW	COOK	147	123H
		CONTRACT NO. 62P93		
	ILLINOIS	FED. AID PROJECT		

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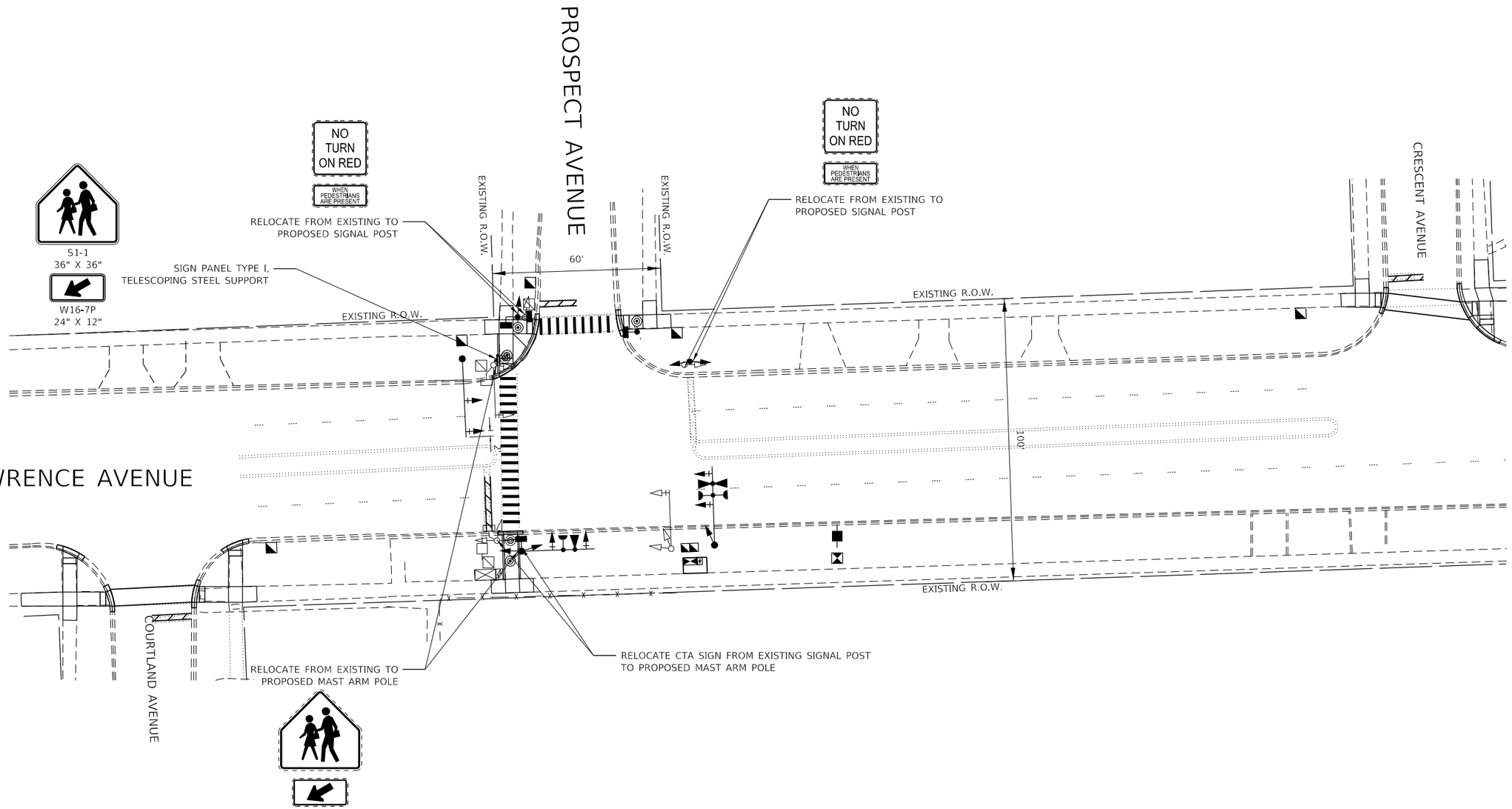
SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
SIGN PANEL - TYPE 1	SQ FT	11
RELOCATE SIGN PANEL - TYPE 1	SQ FT	27
TELESCOPING STEEL SIGN SUPPORT	FOOT	10



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iteris

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	DRAWN - AM	REVISED -	
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PLOT DATE = 1/7/2025	DATE - 1/7/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

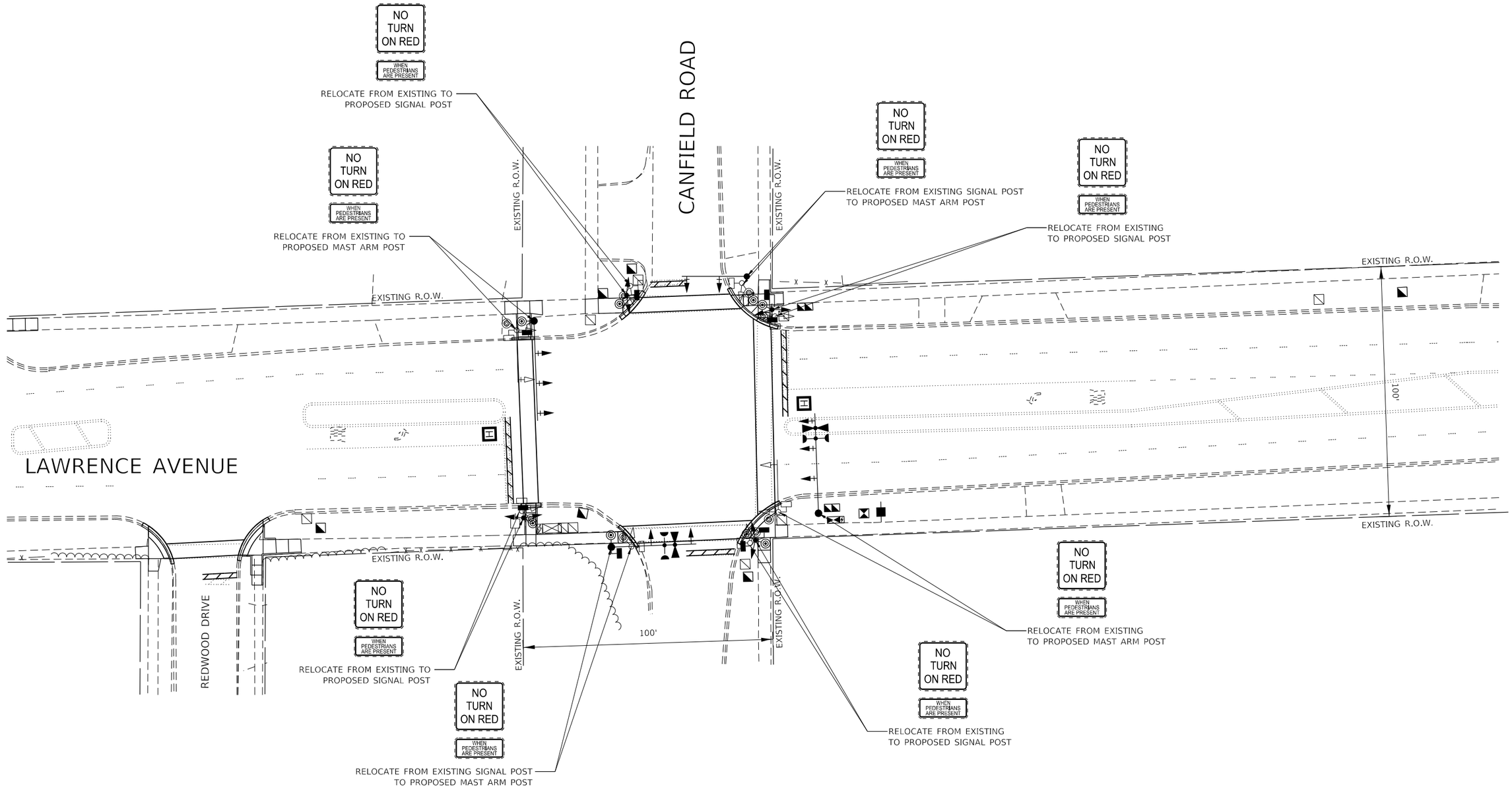
SIGNING PLAN
LAWRENCE AVENUE AND PROSPECT AVENUE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	124
		CONTRACT NO. 62P93		
	ILLINOIS	FED. AID PROJECT		

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
RELOCATE SIGN PANEL - TYPE 1	SQ FT	56



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iteris

USER NAME = amaravillas	DESIGNED - AM	REVISED -	
	DRAWN - AM	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - BF	REVISED -	
PLOT DATE = 1/7/2025	DATE - 1/7/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

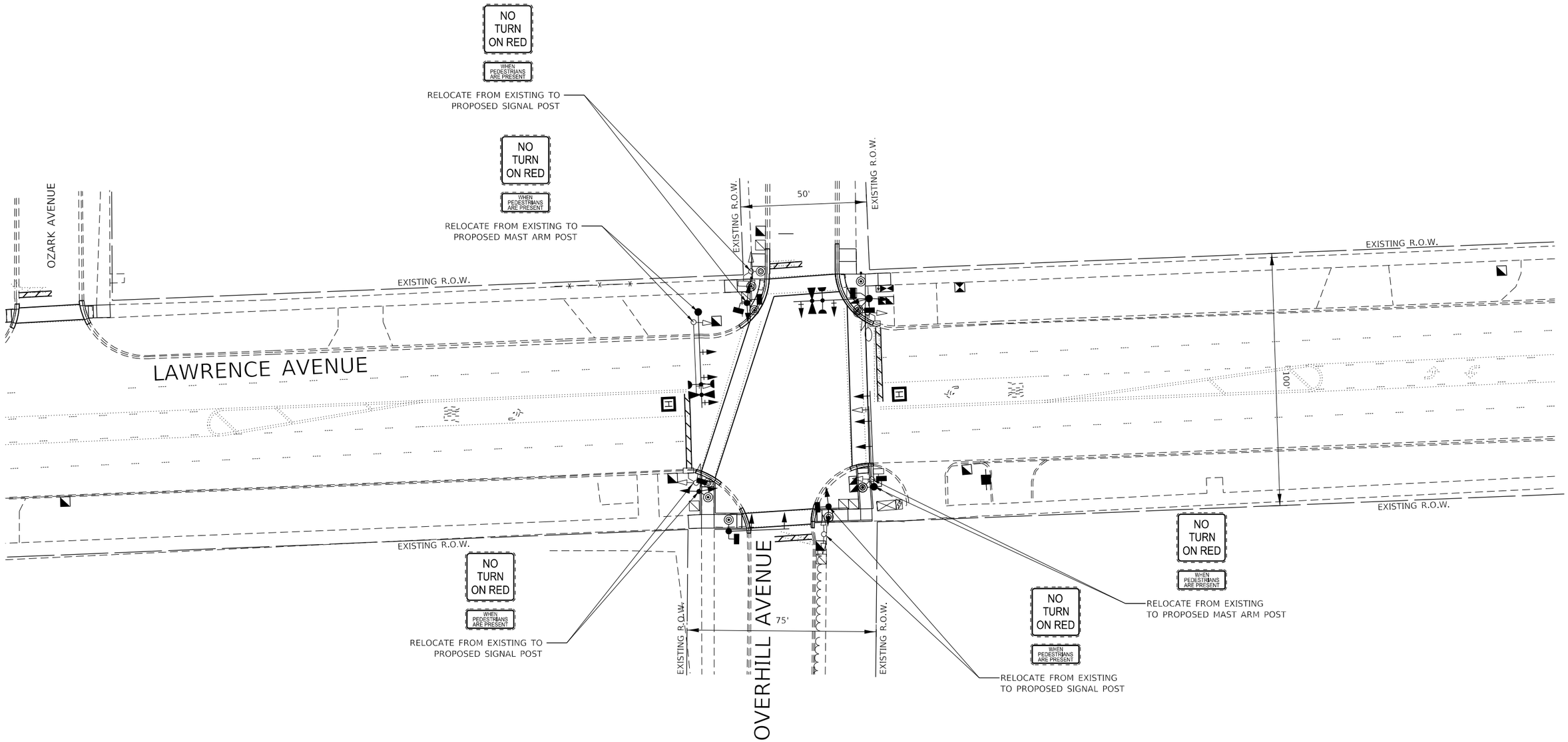
SIGNING PLAN
LAWRENCE AVENUE AND CANFIELD ROAD

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	125
		CONTRACT NO. 62P93		
	ILLINOIS	FED. AID PROJECT		

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
RELOCATE SIGN PANEL - TYPE 1	SQ FT	35



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iteris

USER NAME = amaravillas	DESIGNED - AM	REVISED -	
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PLOT DATE = 1/7/2025	DATE - 1/7/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

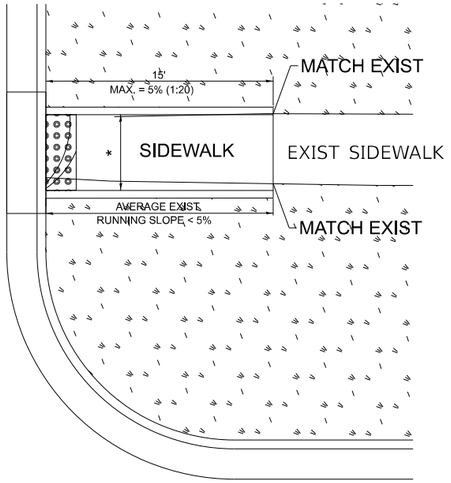
SIGNING PLAN
LAWRENCE AVENUE AND OVERHILL AVENUE

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

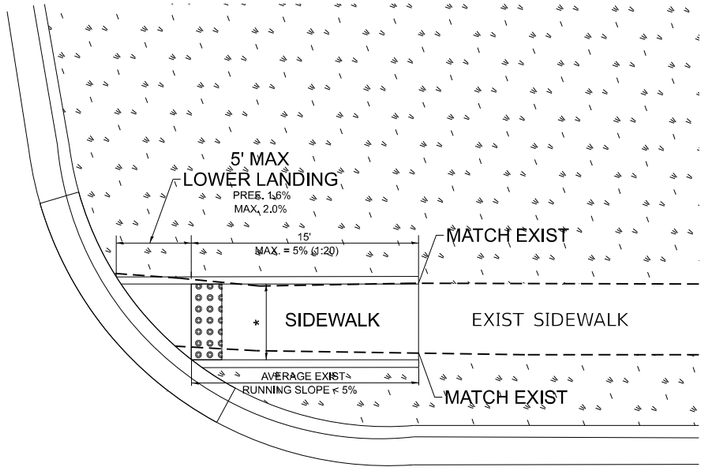
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	126
		CONTRACT NO. 62P93		
		ILLINOIS	FED. AID PROJECT	

ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/ EXIST. 5% OR LESS RUN. SLOPE

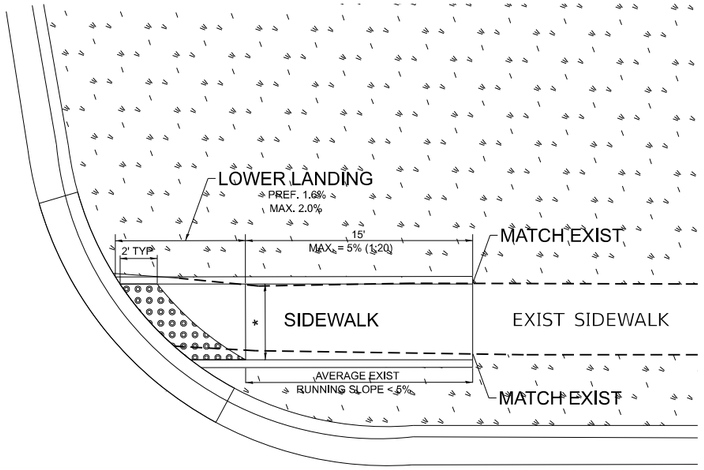
PD–01A



PD–01B



PD–01C



LEGEND

PROPOSED SIDE CURB

EXIST. GRASS

PROPOSED SIDEWALK

DETECTABLE WARNINGS

CONSTRUCTION NOTES:

1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK

* MATCH EXISTING SIDEWALK WIDTH

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	DRAWN - R. LEDEZMA	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 3/31/2025	DATE - 10/02/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

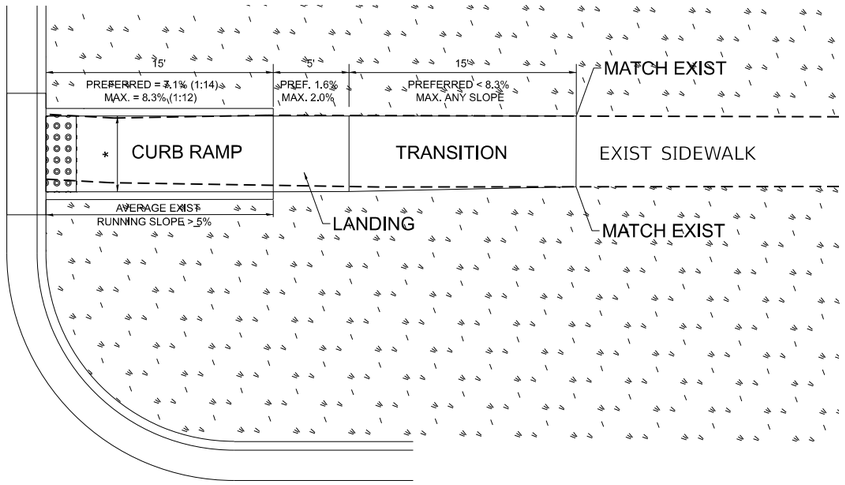
PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS (PD-01)

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

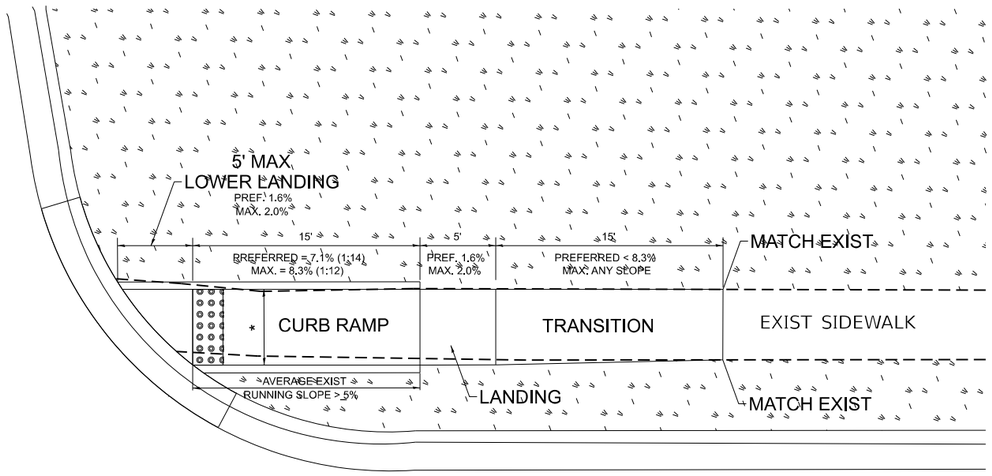
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	127
	PD-01	CONTRACT NO. 62P93		
	ILLINOIS	FED. AID PROJECT		

ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/ EXIST. 5% OR GREATER RUN. SLOPE

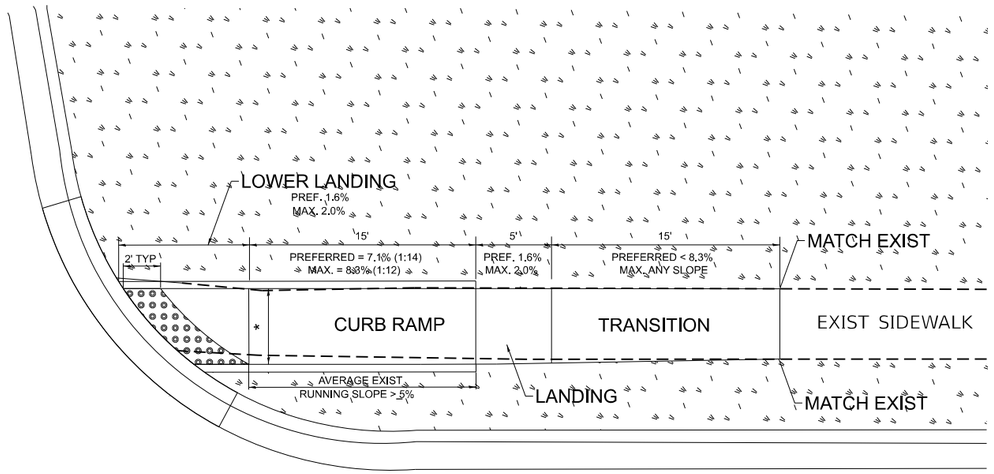
PD–02A



PD–02B



PD–02C



LEGEND

PROPOSED SIDE CURB

EXIST. GRASS

PROPOSED SIDEWALK

DETECTABLE WARNINGS

CONSTRUCTION NOTES:

1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK

* MATCH EXISTING SIDEWALK WIDTH

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	DRAWN - R. LEDEZMA	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 3/31/2025	DATE - 10/02/2019	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

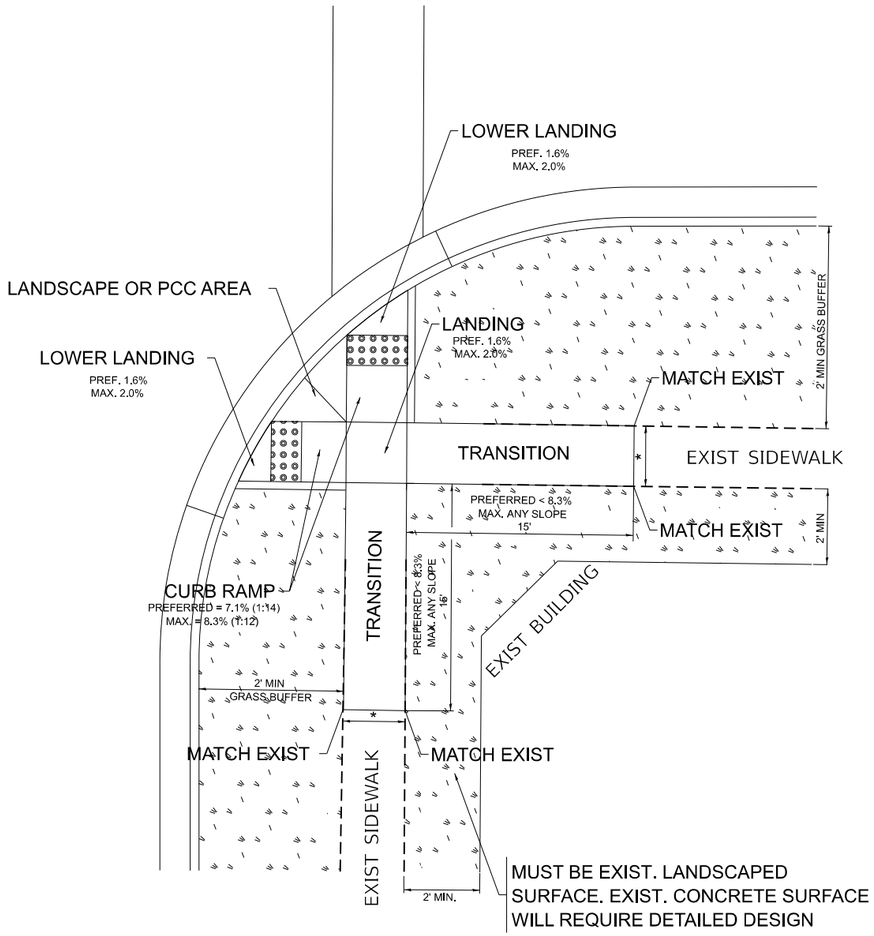
PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS (PD-02)

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

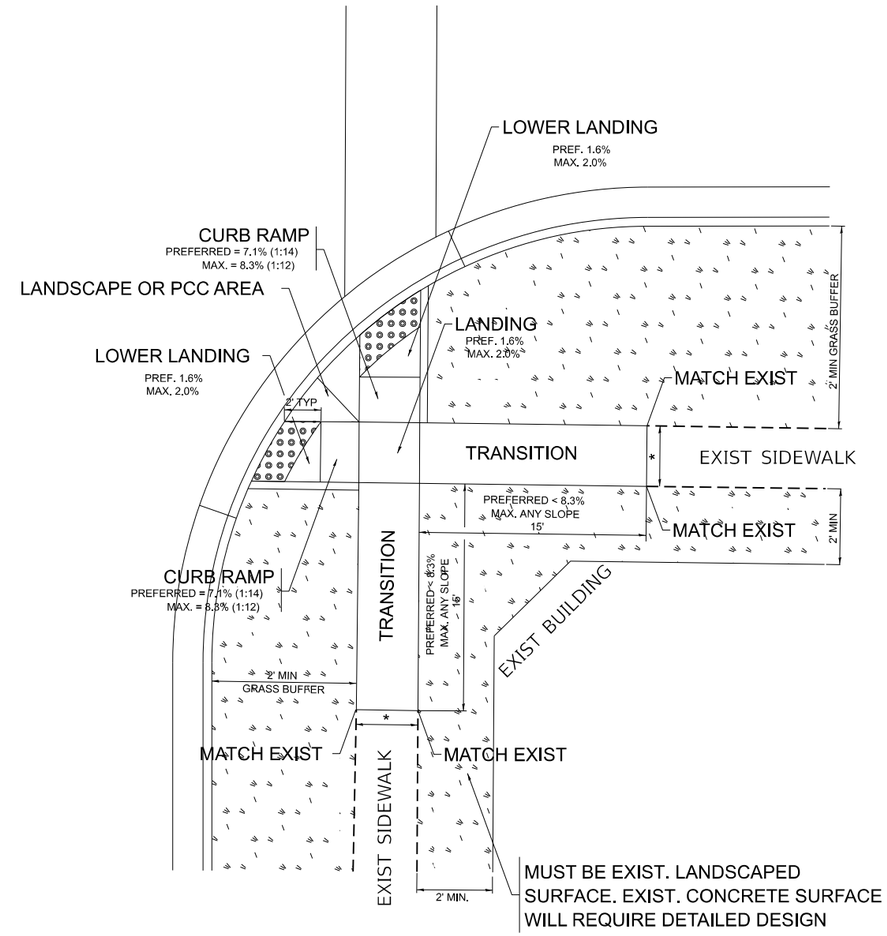
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	128
	PD-02	CONTRACT NO. 62P93		
		ILLINOIS	FED. AID PROJECT	

ADA DETAIL FOR DOUBLE PERPENDICULAR CURB RAMPS

PD–03A



PD–03B



LEGEND

PROPOSED SIDE CURB

EXIST. GRASS

PROPOSED SIDEWALK

DETECTABLE WARNINGS

CONSTRUCTION NOTES:

1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK

* MATCH EXISTING SIDEWALK WIDTH

USER NAME = Phillip.Steed	DESIGNED -	REVISED -
	DRAWN - R. LEDEZMA	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 3/31/2025	DATE - 10/02/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROJECT DETAIL FOR DOUBLE PERPENDICULAR CURB RAMPS (PD-03)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	129
	PD-03	CONTRACT NO. 62P93		
	ILLINOIS	FED. AID PROJECT		

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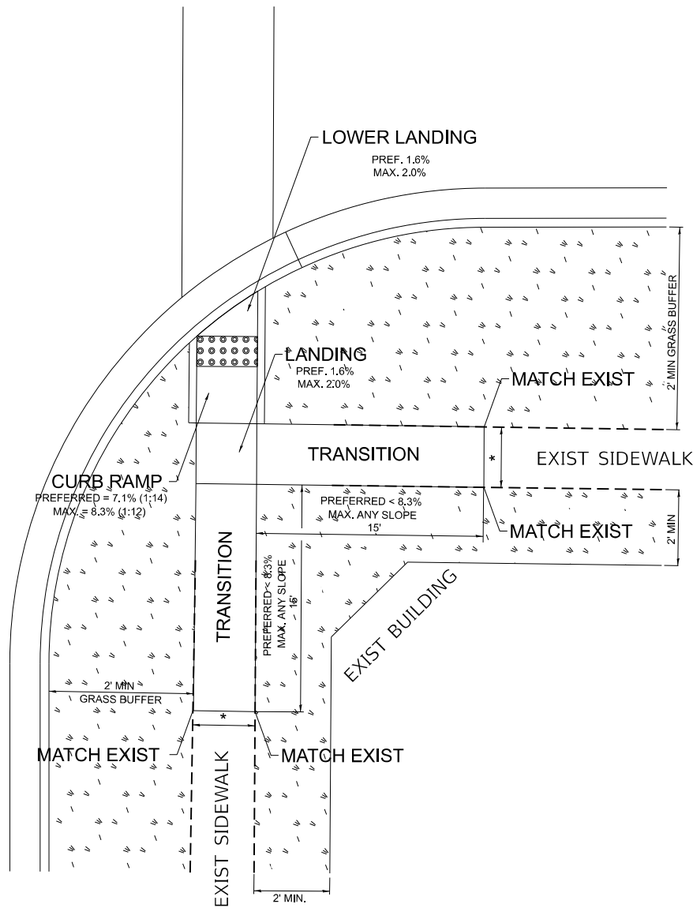
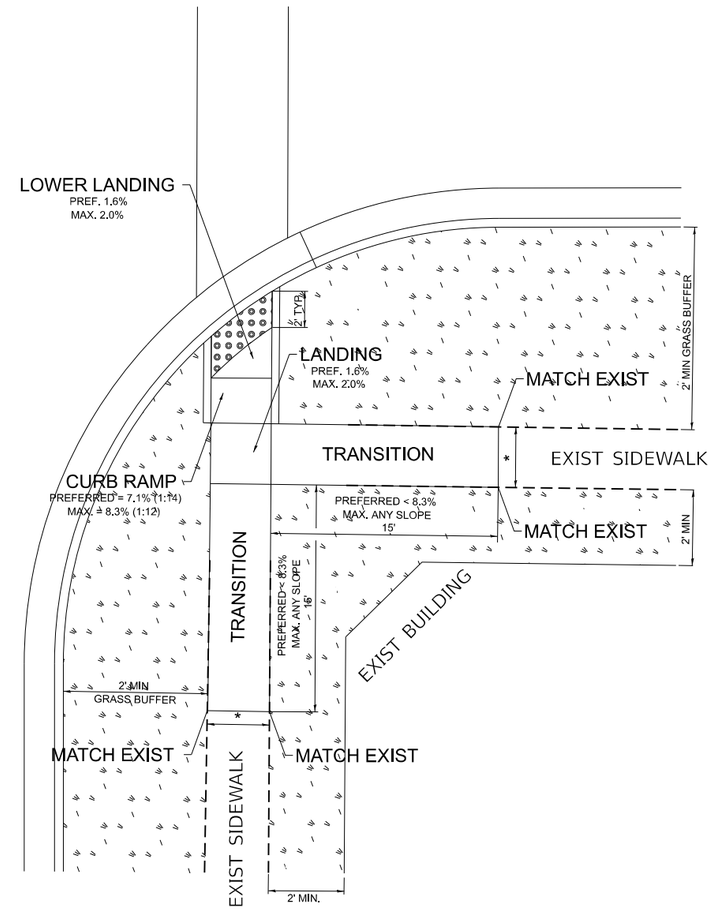
ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/ TURNING SPACE

PD–04A



PD–04B



LEGEND

PROPOSED SIDE CURB

EXIST. GRASS

PROPOSED SIDEWALK

DETECTABLE WARNINGS

CONSTRUCTION NOTES:

1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK

* MATCH EXISTING SIDEWALK WIDTH

MODEL: Default
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	DRAWN - R. LEDEZMA	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 3/31/2025	DATE - 10/02/2019	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

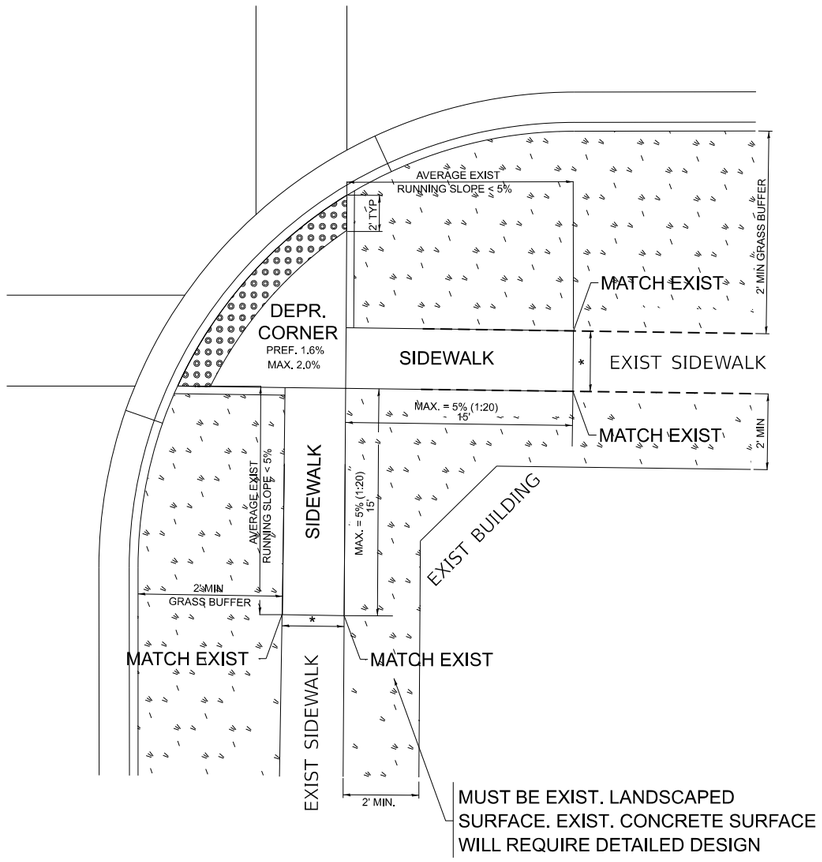
PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS WITH TURNING SPACE (PD-04)

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

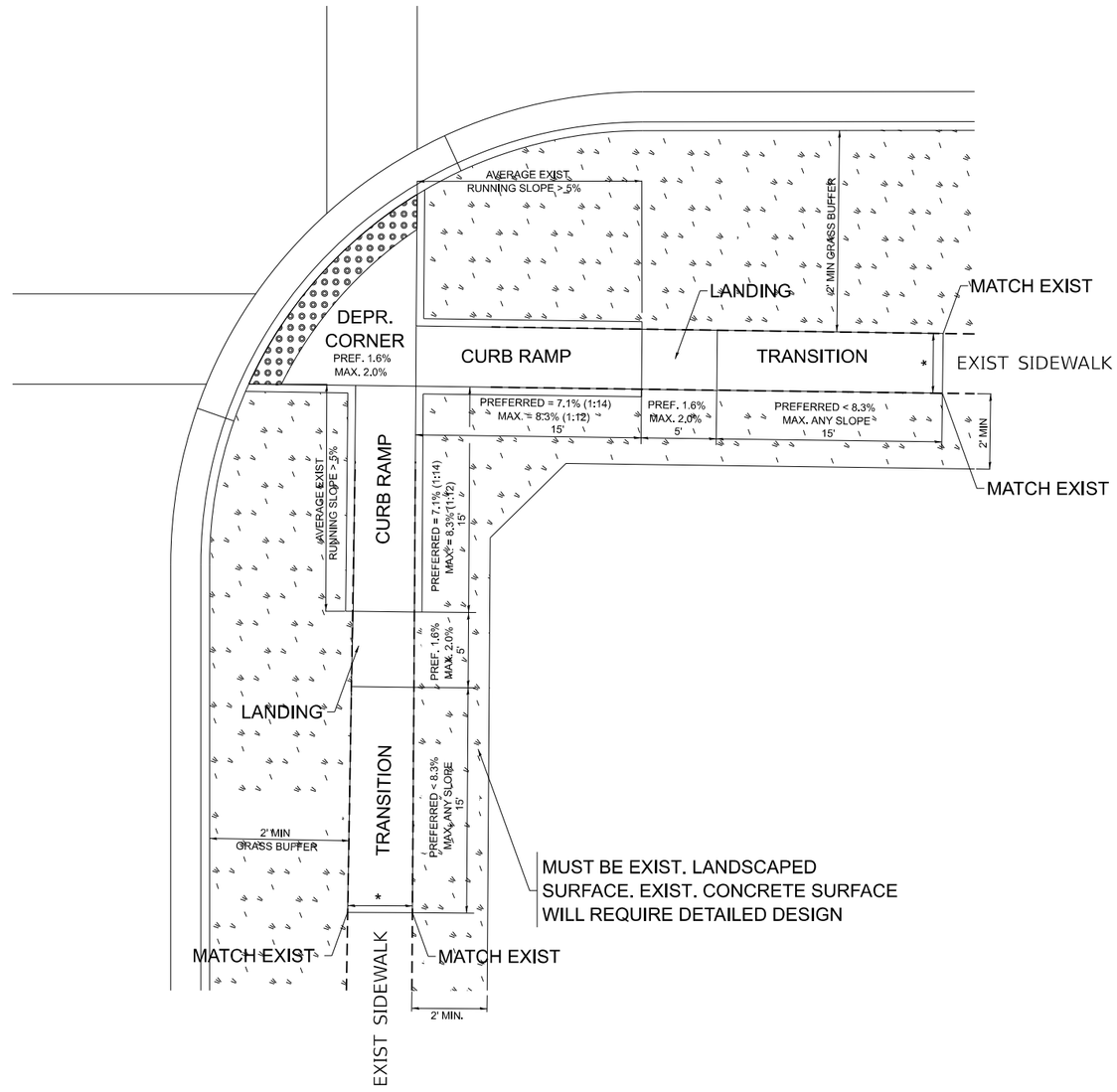
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	130
	PD-04	CONTRACT NO. 62P93		
		ILLINOIS FED. AID PROJECT		

ADA DETAIL FOR DEPRESSED CORNER CURB RAMPS

PD–05A



PD–05B



LEGEND

PROPOSED SIDE CURB

EXIST. GRASS

PROPOSED SIDEWALK

DETECTABLE WARNINGS

CONSTRUCTION NOTES:

1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK

* MATCH EXISTING SIDEWALK WIDTH

USER NAME = Phillip.Steed	DESIGNED -	REVISED -
	DRAWN - R. LEDEZMA	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 3/31/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROJECT DETAIL FOR SINGLE DEPRESSED CORNER CURB RAMPS (PD-05)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	131
	PD-05	CONTRACT NO. 62P93		
	ILLINOIS FED. AID PROJECT			

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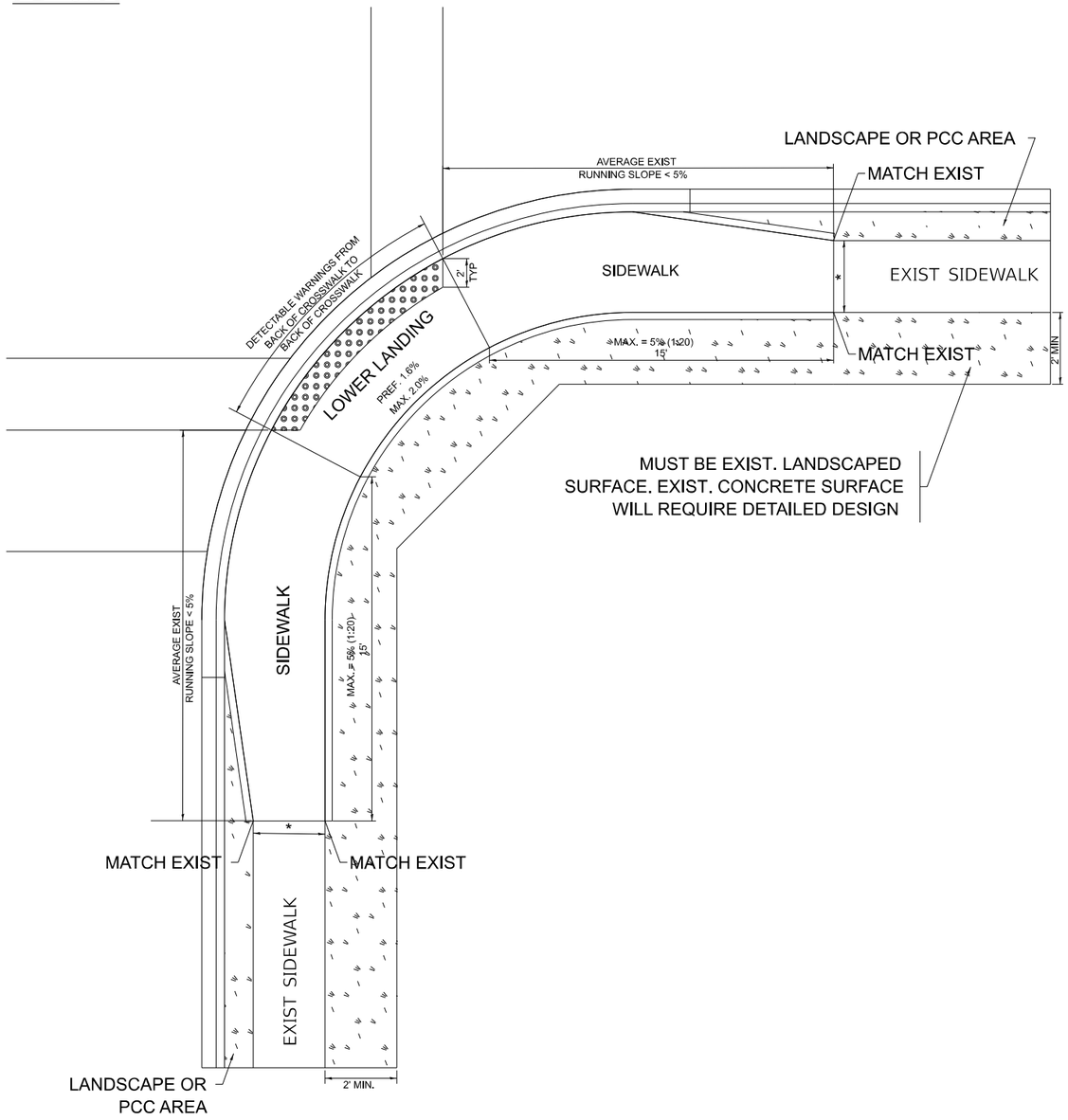
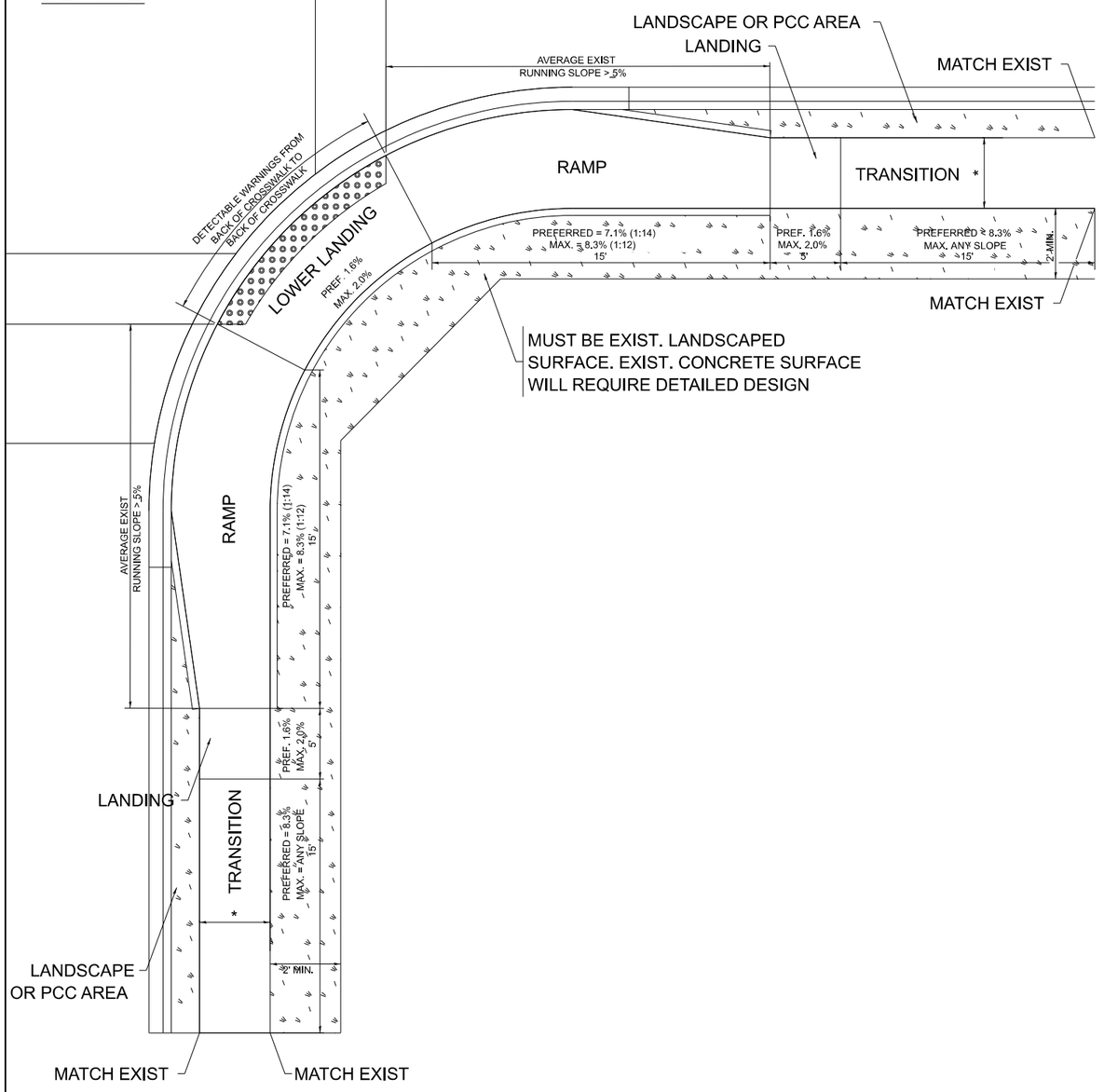
ADA DETAIL FOR PARALLEL CURB RAMPS ADJACENT TO LANDSCAPING

PD–06A



PD–06B



LEGEND

- PROPOSED SIDE CURB
- EXIST. GRASS
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS

CONSTRUCTION NOTES:

1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK

* MATCH EXISTING SIDEWALK WIDTH

USER NAME = Phillip.Steed	DESIGNED -	REVISED -
	DRAWN - R. LEDEZMA	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 3/31/2025	DATE - 10/02/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROJECT DETAIL FOR PARALLEL CURB RAMPS (PD-06)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2021-172-SW	COOK	147	132
	PD-06	CONTRACT NO. 62P93		
	ILLINOIS FED. AID PROJECT			

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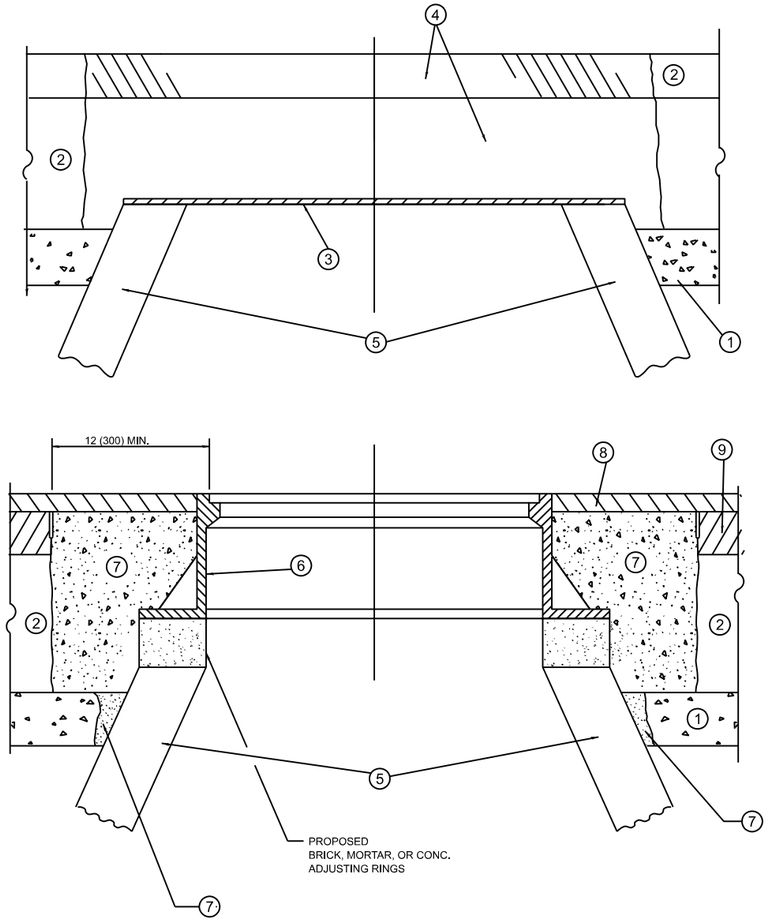

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

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

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FILE NAME: pw://dot-pw.bentley.com:PWIDOT/Documents/IDOT Offices/District 1/ORD Projects/P126315/CADData/Lexington/CADSheets/Lexington-dtls-detail.dgn

USER NAME = Phillip.Steed	DESIGNED - R. SHAH	REVISED - R. BORO 03-09-11	
	DRAWN -	REVISED - R. BORO 12-06-11	
PLOT SCALE = $SCALE$	CHECKED -	REVISED - K. SMITH 11-18-22	
PLOT DATE = 3/31/2025	DATE - 10-25-94	REVISED - K. SMITH 09-15-23	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING

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

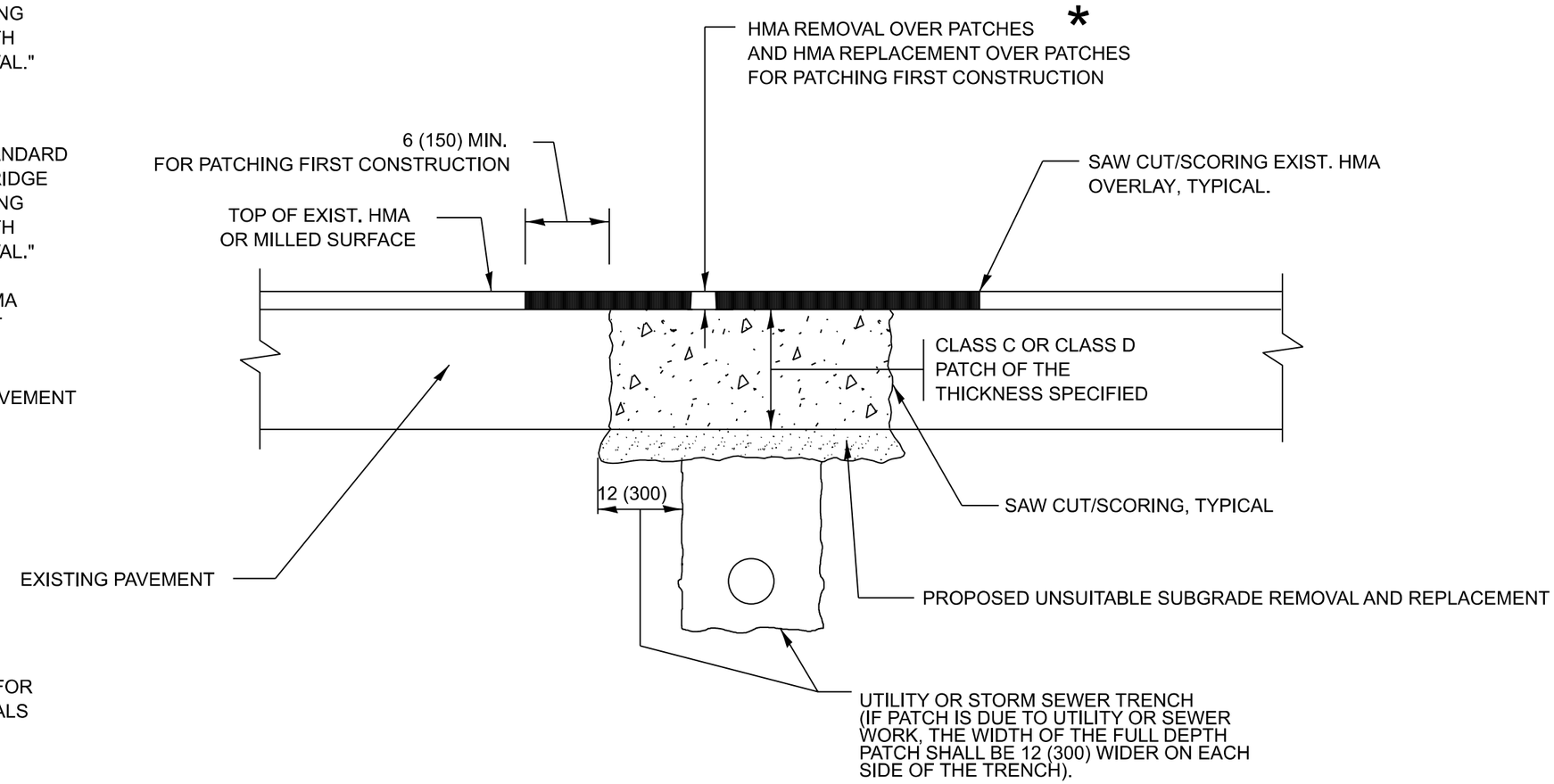
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-172-SW	COOK	147	133
	BD600-03 (BD-08)	CONTRACT NO. 62P93		
	ILLINOIS	FED. AID PROJECT		

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 4 ½ 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.

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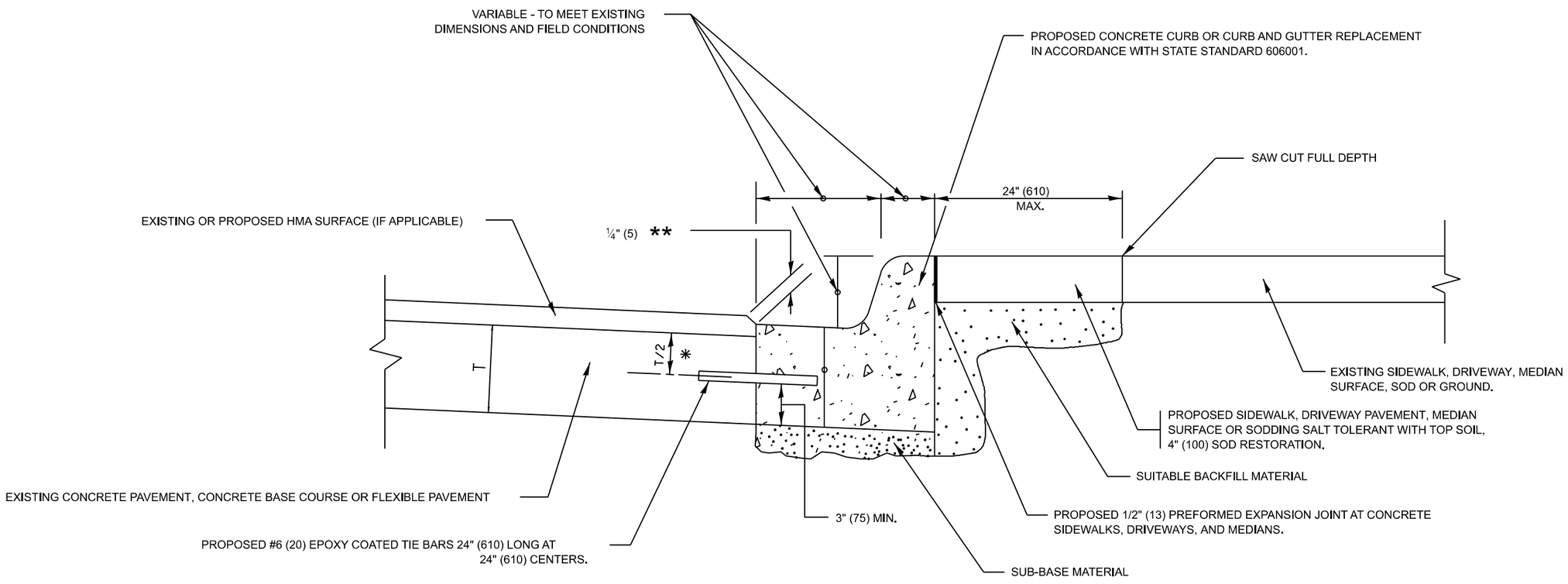
USER NAME = Phillip.Steed	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED - R. BORO 09-04-07	
PLOT SCALE = $SCALE$	CHECKED -	REVISED - K. ENG 10-27-08	
PLOT DATE = 3/31/2025	DATE - 10-25-94	REVISED - K. SMITH 11-18-22	

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.
VAR	2021-172-SW	COOK	147	134
	BD400-04 (BD-22)	CONTRACT NO. 62P93		
		ILLINOIS	FED. AID PROJECT	



* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

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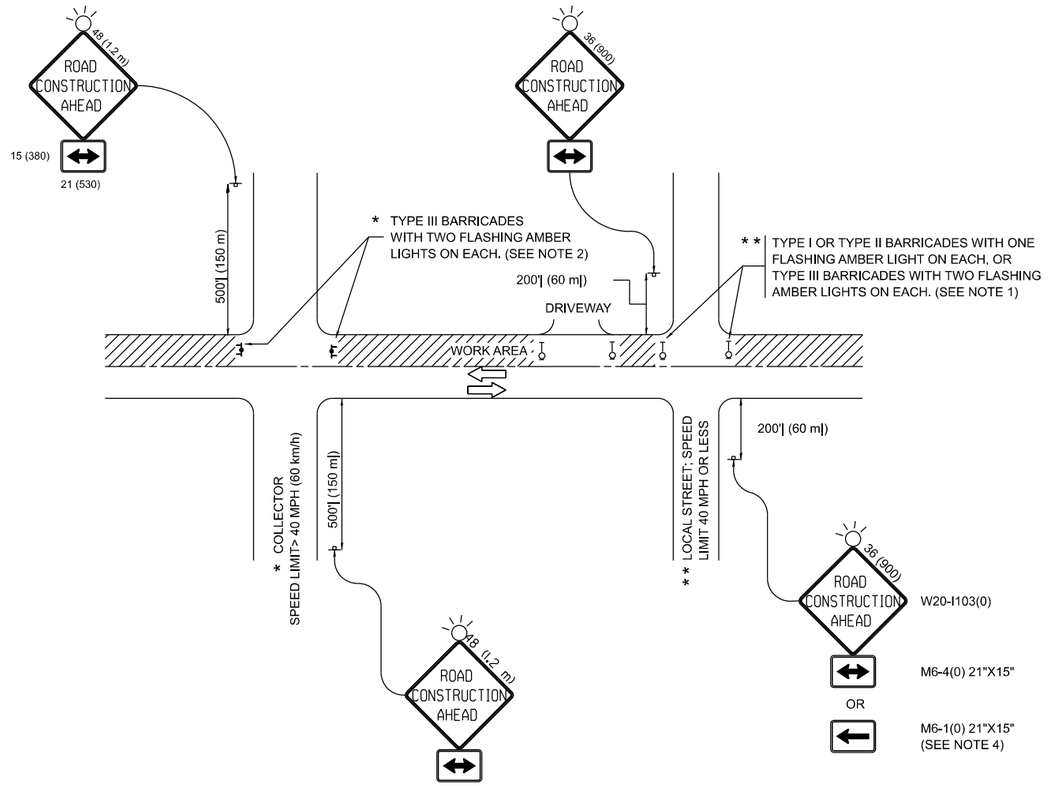
USER NAME = Phillip.Steed	DESIGNED - A. HOUSEH	REVISED - A. ABBAS 03-21-97	
	DRAWN -	REVISED - M. GOMEZ 01-22-01	
PLOT SCALE = $SCALE$	CHECKED -	REVISED - R. BORO 12-15-09	
PLOT DATE = 3/31/2025	DATE - 03-11-94	REVISED - K. SMITH 07-11-19	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-172-SW	COOK	147	135
	BD600–06 (BD–24)	CONTRACT NO. 62P93		
	ILLINOIS FED. AID PROJECT			



NOTES:

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

   a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.

   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.

2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

   a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.

   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.

3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.

4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.

6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.

7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

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USER NAME = Phillip.Steed	DESIGNED - L.H.A.	REVISED - T. RAMMACHER 01-06-00	
	DRAWN -	REVISED - A. SCHUETZE 07-01-13	
PLOT SCALE = $SCALE$	CHECKED -	REVISED - A. SCHUETZE 09-15-16	
PLOT DATE = 3/31/2025	DATE - 06-89	REVISED - D. SENDERAK 05-03-24	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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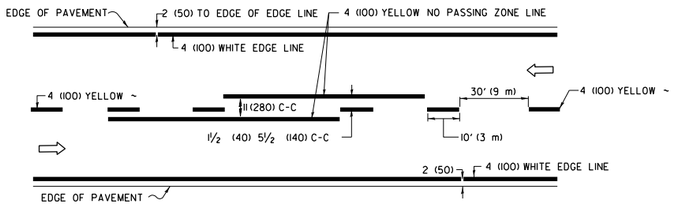
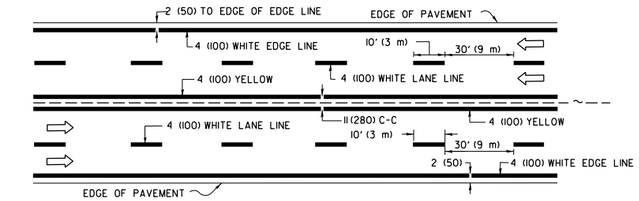
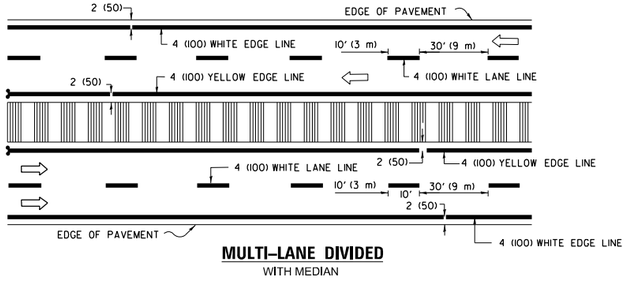
	TC–10	CONTRACT NO. 62P93		
		ILLINOIS FED. AID PROJECT		



2–LANE ROADWAY

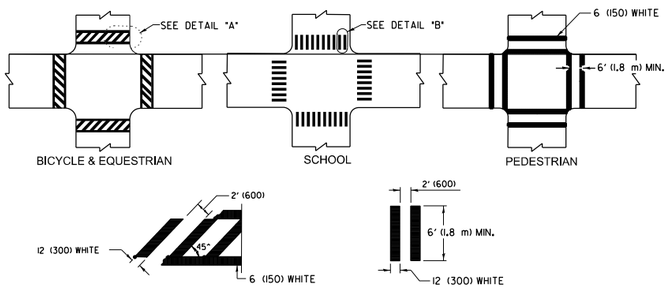


MULTI–LANE UNDIVIDED



MULTI–LANE DIVIDED
WITH MEDIAN

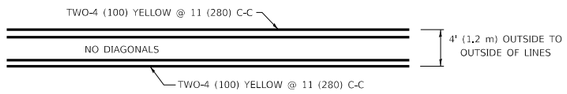
TYPICAL LANE AND EDGE LINE MARKING



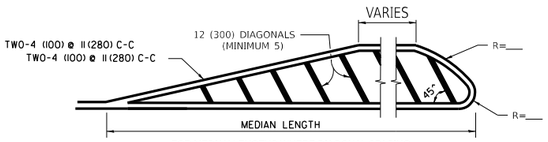
DETAIL "A" **DETAIL "B"**

TYPICAL CROSSWALK MARKING

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



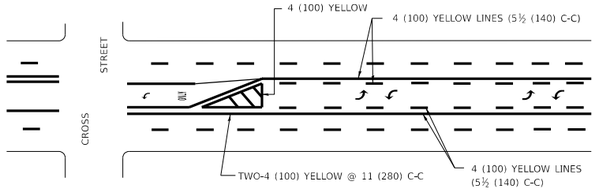
4' (1.2 m) WIDE MEDIANS ONLY



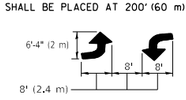
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

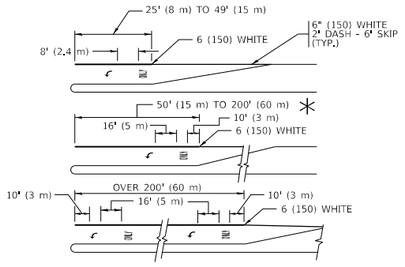


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO–WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

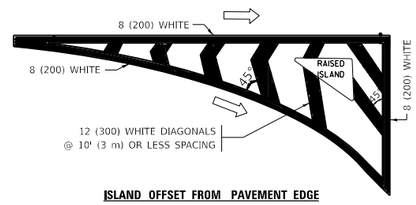


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) **ONLY** AREA = 20.8 SQ. FT. (1.9 m²)

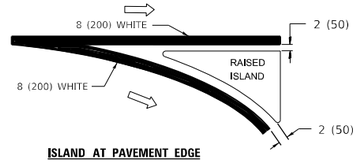
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

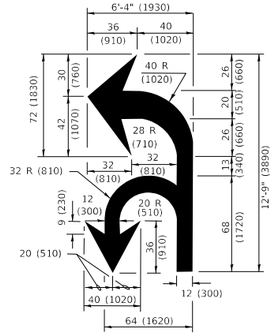


ISLAND OFFSET FROM PAVEMENT EDGE

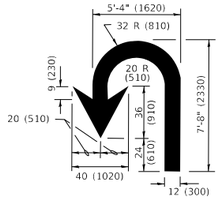


ISLAND AT PAVEMENT EDGE

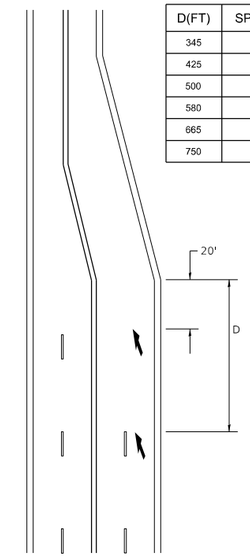
TYPICAL ISLAND MARKING



COMBINATION LEFT AND U–TURN



U–TURN



LANE REDUCTION TRANSITION

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

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	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; 5 ½ (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 m) EACH "X"=54.0 SQ. FT. (5.0 m)
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 = Phillip.Steed	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
	DRAWN -	REVISED - C. JUCIUS 07-01-13
PLOT SCALE = $SCALE$	CHECKED -	REVISED - C. JUCIUS 12-21-15
PLOT DATE = 3/31/2025	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

SCALE: NONE | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-172-SW	COOK	147	137
	TC–13	CONTRACT NO. 62P93		
	ILLINOIS FED. AID PROJECT			

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

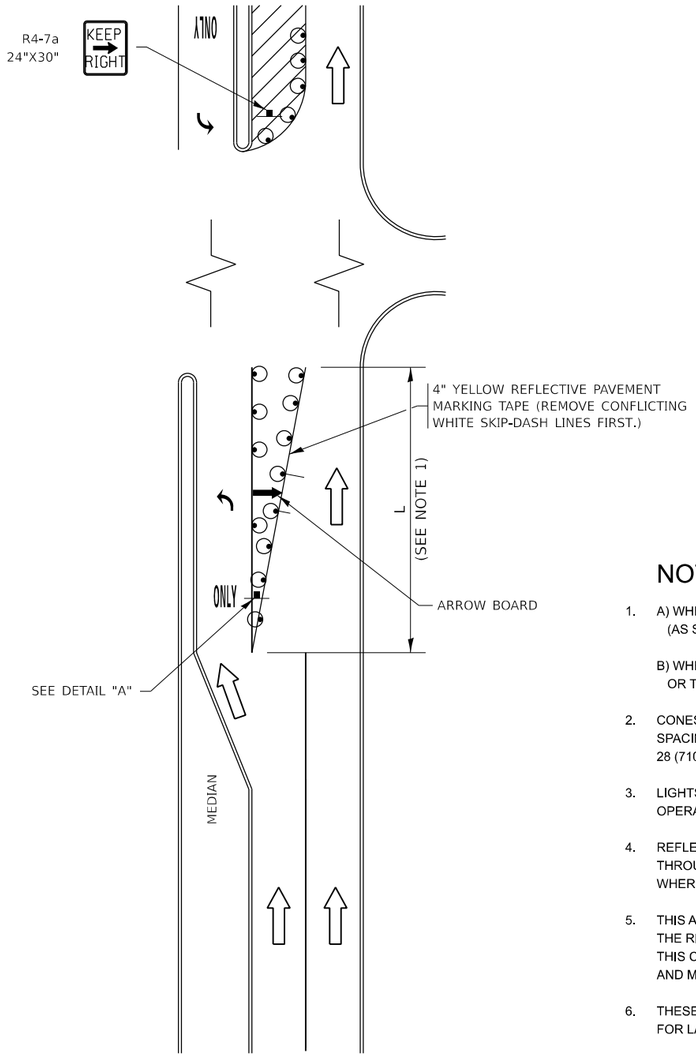


FIGURE 1

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

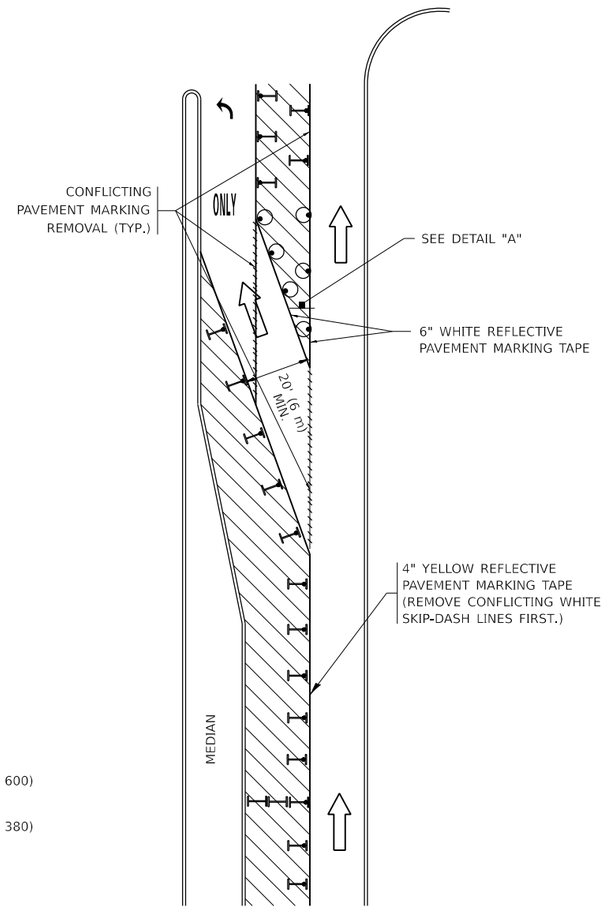
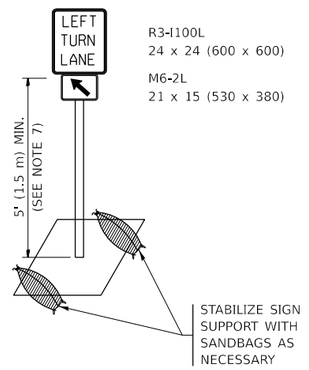


FIGURE 2



DETAIL A

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

MODEL: Default
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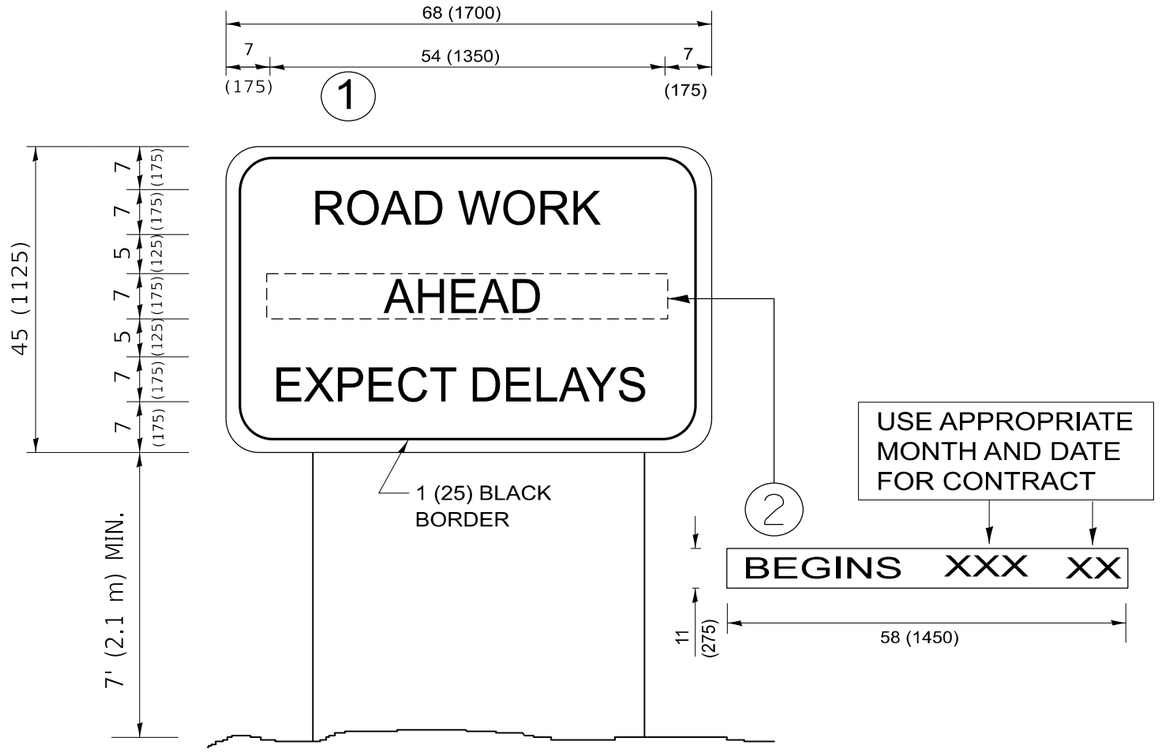
USER NAME = Phillip.Steed	DESIGNED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09	
	DRAWN - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13	
PLOT SCALE = $SCALE$	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16	
PLOT DATE = 3/31/2025	DATE - T. RAMMACHER 01-06-00	REVISED -	

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.
VAR	2021-172-SW	COOK	147	138
	TC-14	CONTRACT NO. 62P93		
	ILLINOIS FED. AID PROJECT			



NOTES:

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

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

MODEL: Default
FILE NAME: pw://dot-pw.bentley.com:PWIDOT/Documents/IDOT O ces/District 1/ORD Projects/P126315/CADData/Leyden/CADsheets/Leyden-sht-details.dgn

USER NAME = Phillip.Steed	DESIGNED -	REVISED - R. MIRS 09-15-97	
	DRAWN -	REVISED - R. MIRS 12-11-97	
PLOT SCALE = $SCALE$	CHECKED -	REVISED - T. RAMMACHER 02-02-99	
PLOT DATE = 3/31/2025	DATE -	REVISED - C. JUCIUS 01-31-07	

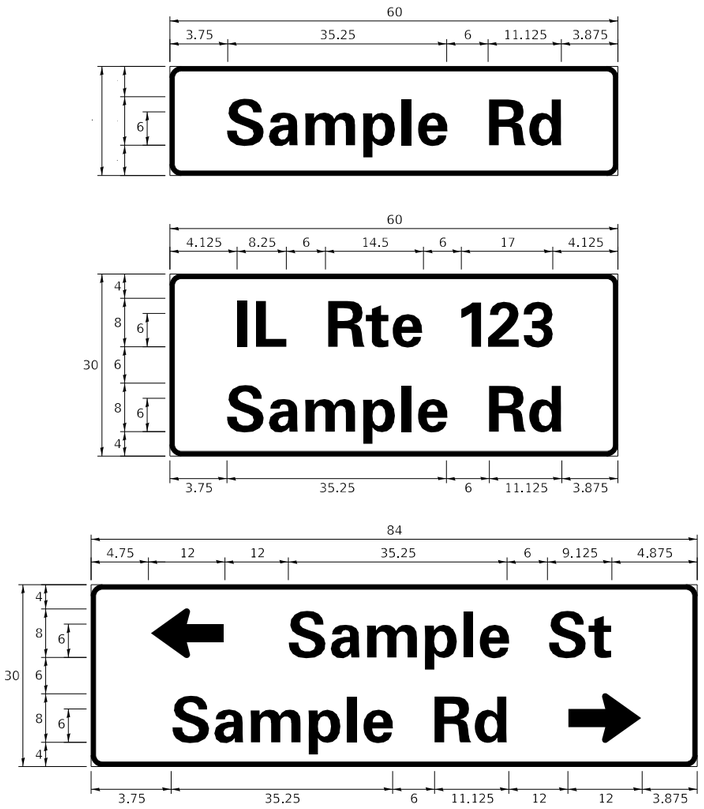
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD INFORMATION SIGN

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-172-SW	COOK	147	138A
	TC-22	CONTRACT NO. 62P93		
	ILLINOIS FED. AID PROJECT			

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

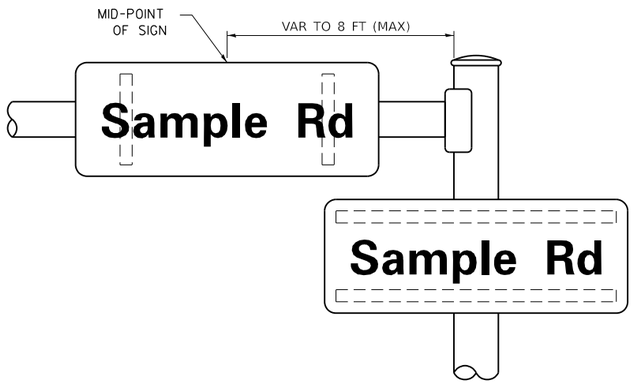
PARTS LISTING:

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

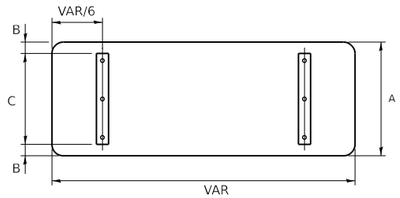
OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BRACKET OF THE ABOVE PRODUCT.

MOUNTING LOCATION

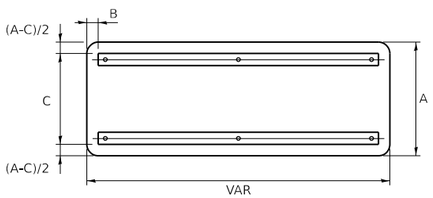
ARM OR POLE MOUNTED



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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USER NAME = Phillip.Steed	DESIGNED - LP/IP	REVISED - LP 07/01/2015	
	DRAWN - LP	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - IP	REVISED -	
PLOT DATE = 3/31/2025	DATE - 10/01/2014	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
MAST ARM MOUNTED STREET NAME SIGNS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-172-SW	COOK	147	139
	TS-02	CONTRACT NO. 62P93		
	ILLINOIS FED. AID PROJECT			

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

ITEM	EXISTING	PROPOSED
CONTROLLER CABINET		
COMMUNICATION CABINET	ECC	CC
MASTER CONTROLLER	EMC	MC
MASTER MASTER CONTROLLER	EMMC	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	ERR	RR

ITEM	EXISTING	PROPOSED
HANDHOLE -SQUARE -ROUND		
HEAVY DUTY HANDHOLE -SQUARE -ROUND	H	H
DOUBLE HANDHOLE		
JUNCTION BOX	J	
RAILROAD CANTILEVER MAST ARM		
RAILROAD FLASHING SIGNAL		
RAILROAD CROSSING GATE		
RAILROAD CROSSBUCK		
RAILROAD CONTROLLER CABINET	RXR	RXR
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
SAMPLING (SYSTEM) DETECTOR	S	S
INTERSECTION AND SAMPLING (SYSTEM) DETECTOR	IS	IS
QUEUE AND SAMPLING (SYSTEM) DETECTOR	QS	QS
WIRELESS DETECTOR SENSOR	W	W
WIRELESS ACCESS POINT		

ITEM	EXISTING	PROPOSED
SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD	R Y G Y G P	R Y G Y G P
SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE	R Y G Y G P RB	R Y G Y G 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)	I#6	I#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 = Phillip.Steed	DESIGNED - IP	REVISED -	
	DRAWN - IP	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - LP	REVISED -	
PLOT DATE = 3/31/2025	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.
VAR	2021-172-SW	COOK	147	140
	TS-05	CONTRACT NO. 62P93		
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
FILE NAME: pw://dot-pwbentley.com:PWIDOT1Documents/IDOT Celes/District 1/ORD Projects/P126315/CADData/Leydev/CADObjects/Leyden-alt-details.dgn

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.

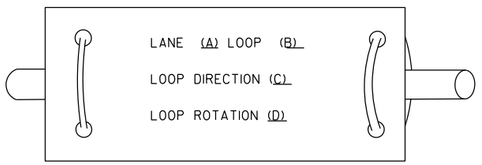
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.

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

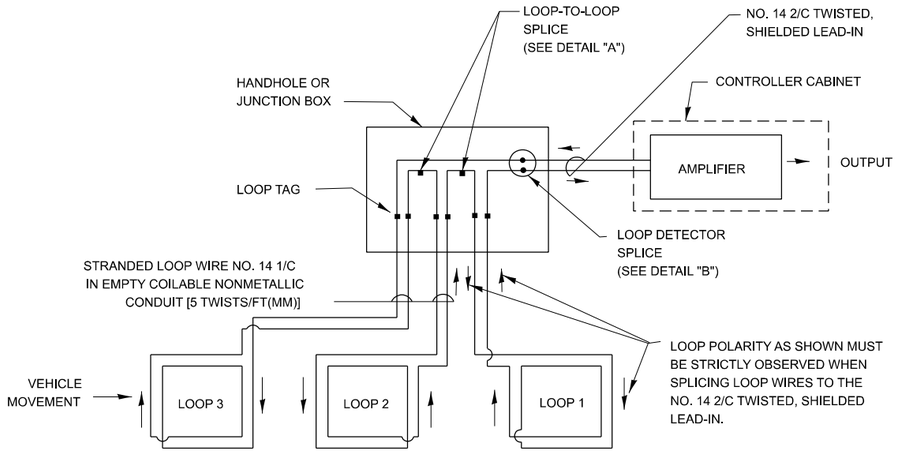


A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY

B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.

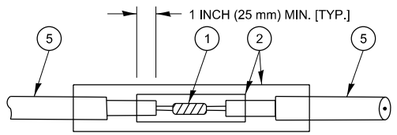
C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".

D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

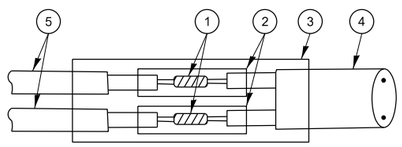


DETECTOR LOOP WIRING SCHEMATIC

- 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.

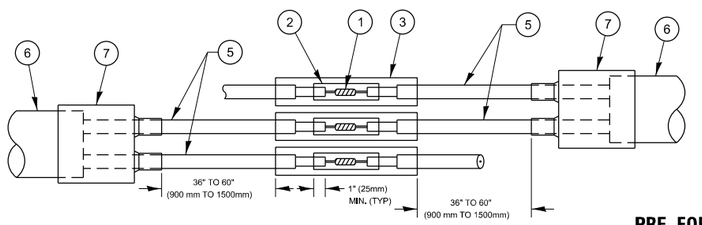


DETAIL "A"
LOOP-TO-LOOP SPLICE



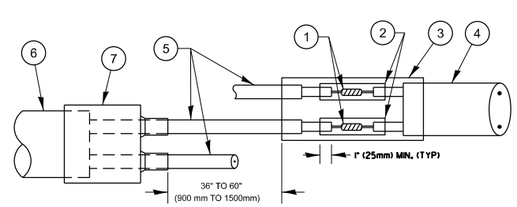
DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

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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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

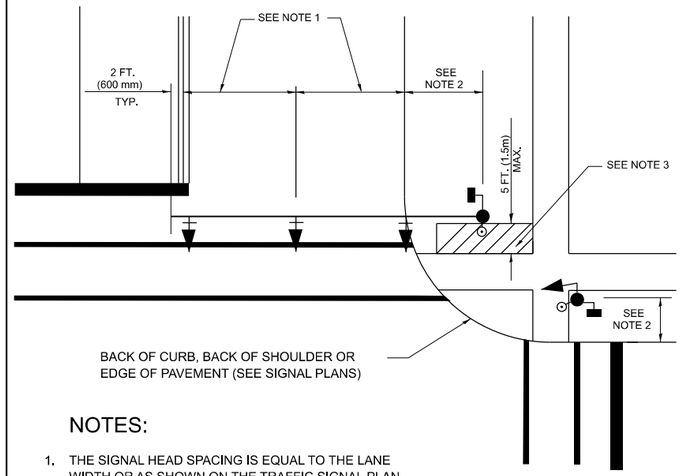
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 2 OF 7 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-172-SW	COOK	147	141
	TS-05	CONTRACT NO. 62P93		
	ILLINOIS FED. AID PROJECT			

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

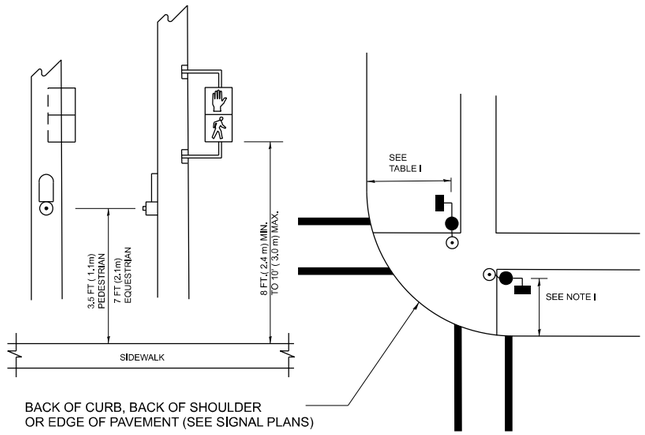
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



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."

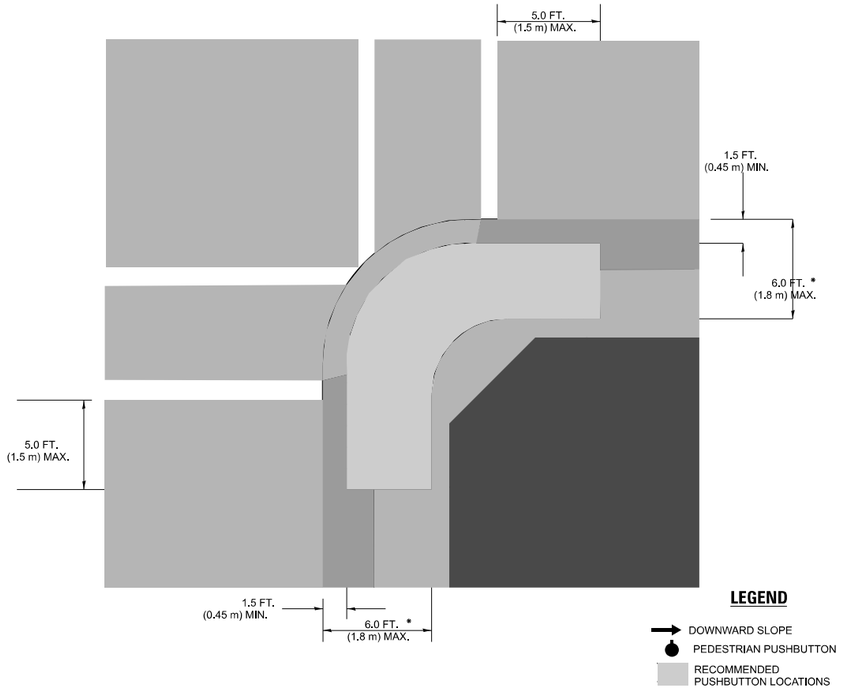
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



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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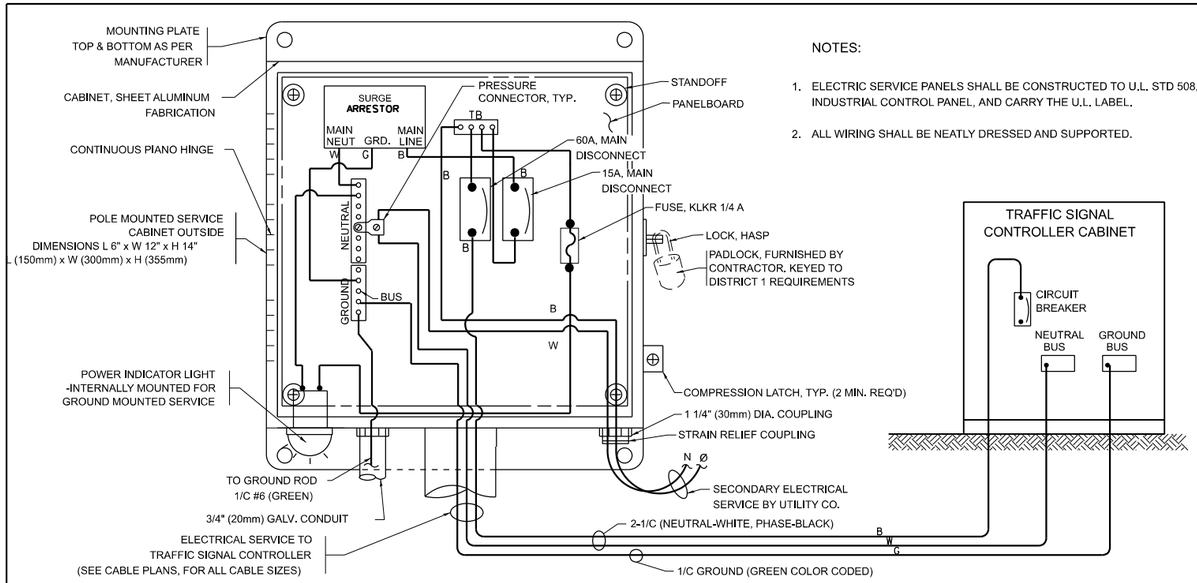
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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.
VAR	2021-172-SW	COOK	147	142
	TS-05	CONTRACT NO. 62P93		
	ILLINOIS	FED. AID PROJECT		



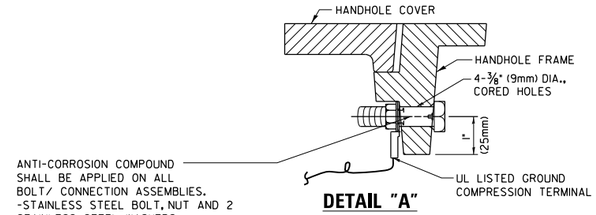
ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)

SERVICE INSTALLATION POLE MOUNT (SHOWN)

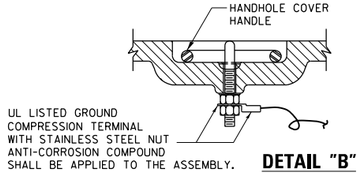
(NOT TO SCALE)

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.



DETAIL "A"

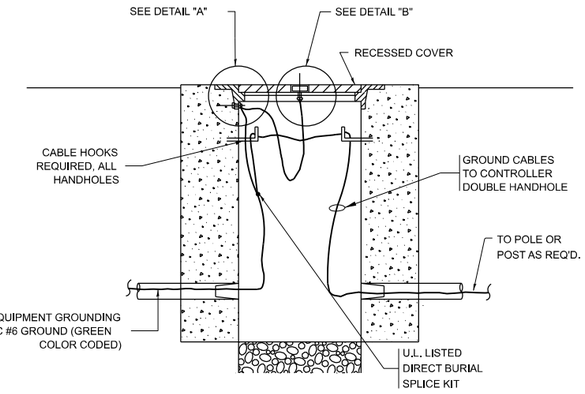


DETAIL "B"

NOTES:

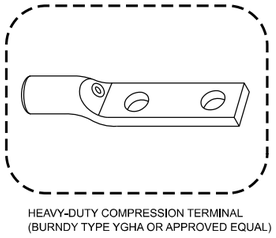
GROUNDING SYSTEM

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.

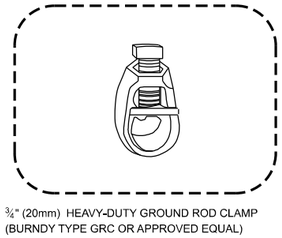


HANDHOLE COVER & FRAME – GROUNDING DETAIL

(NOT TO SCALE)



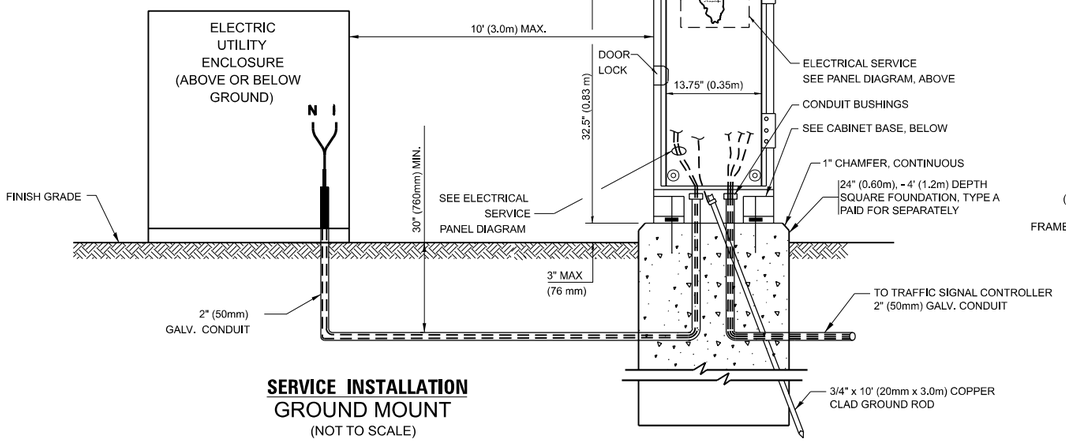
HEAVY-DUTY COMPRESSION TERMINAL (BURNDY TYPE YGHA OR APPROVED EQUAL)



¾" (20mm) HEAVY-DUTY GROUND ROD CLAMP (BURNDY TYPE GRC OR APPROVED EQUAL)

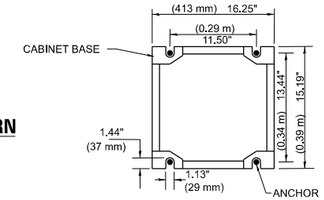
NOTES:

- 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.



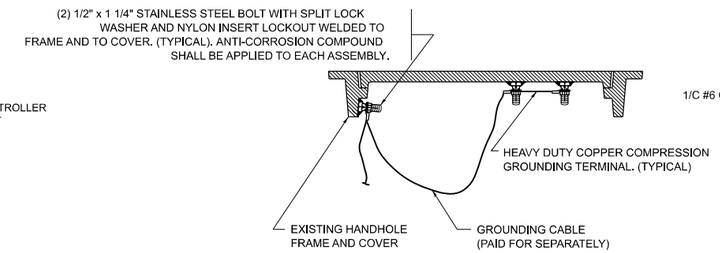
SERVICE INSTALLATION GROUND MOUNT

(NOT TO SCALE)



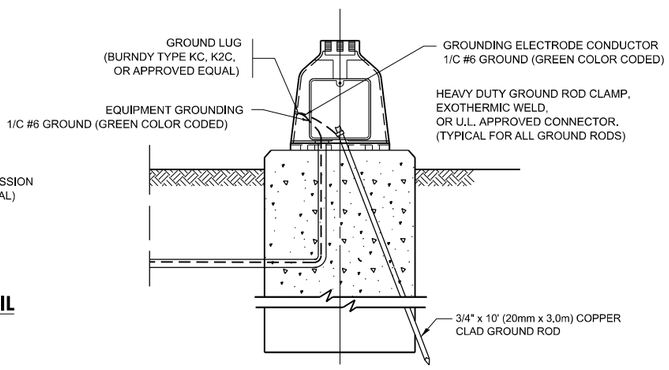
CABINET – BASE BOLT PATTERN

(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.
VAR	2021-172-SW	COOK	147	143
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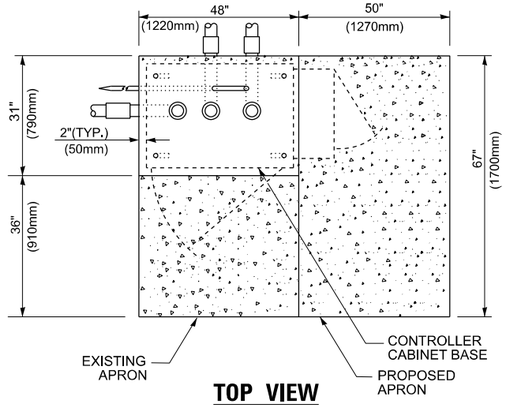
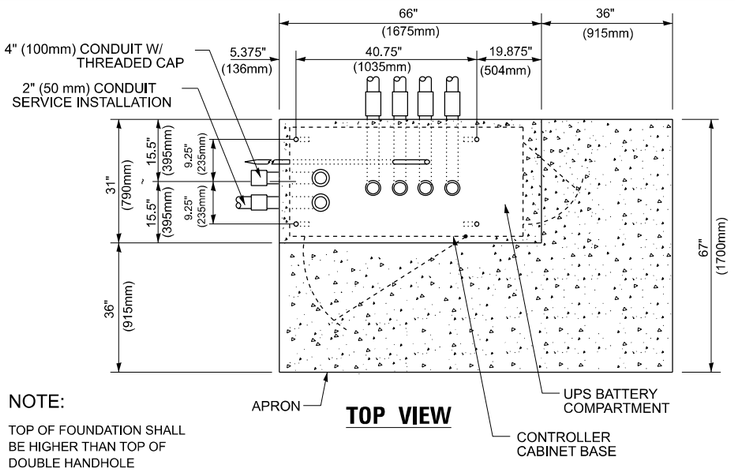


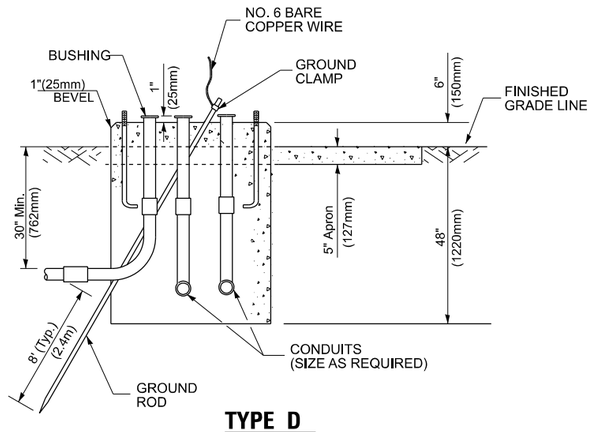
TOP VIEW



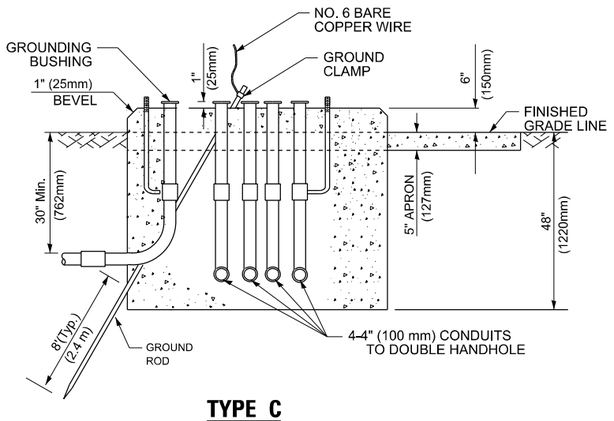
NOTE:

TOP OF FOUNDATION SHALL BE HIGHER THAN TOP OF DOUBLE HANDHOLE

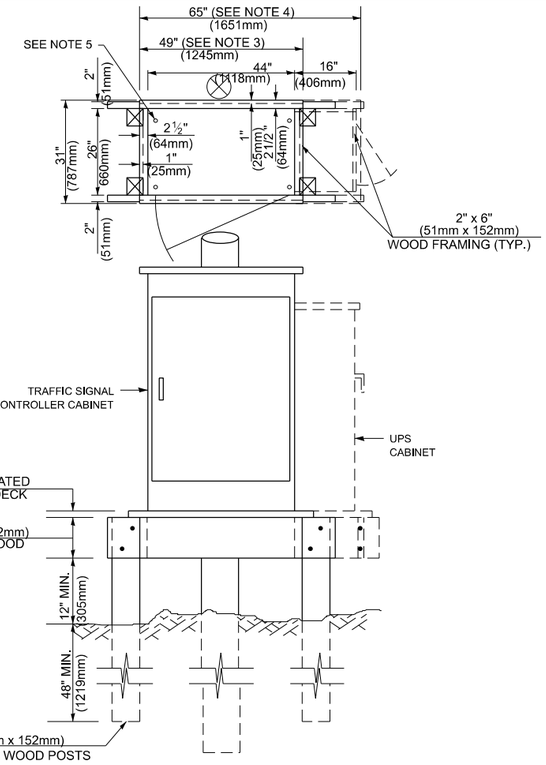
TOP VIEW



TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET



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' (9.1m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1m) and less than 40' (12.2 m)	13'-6" (4.1m)	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 (Qui) > 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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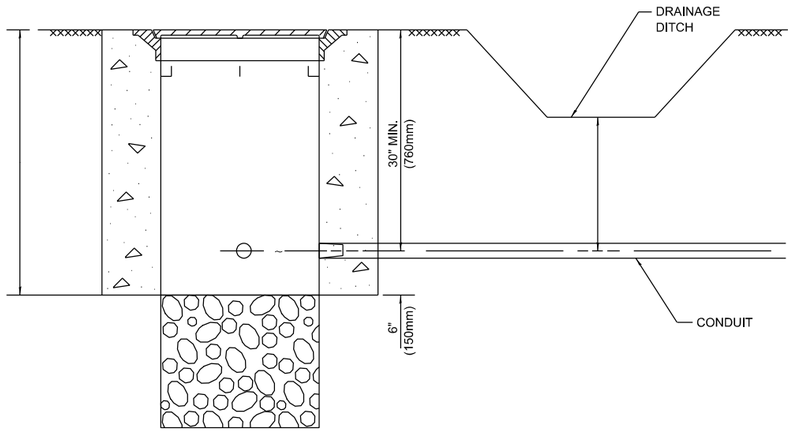
USER NAME = Phillip.Steed	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 3/31/2025	DATE -	REVISED -	

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.
VAR	2021-172-SW	COOK	147	144
	TS-05	CONTRACT NO. 62P93		
		ILLINOIS	FED. AID PROJECT	

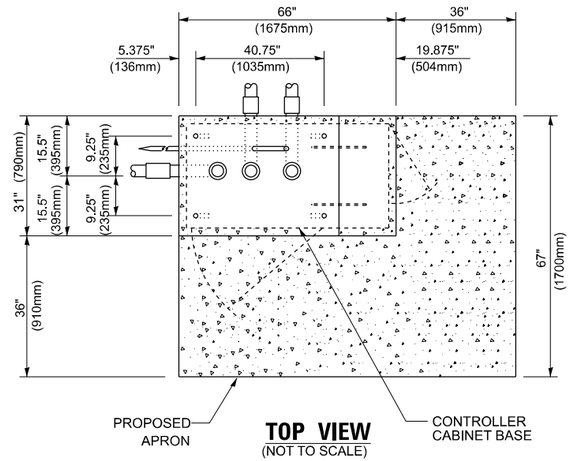


NOTES:

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.

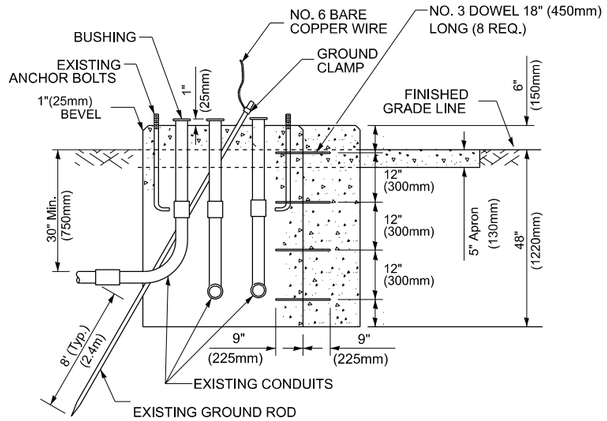
HANDHOLE WITH MINIMUM CONDUIT DEPTH

(NOT TO SCALE)



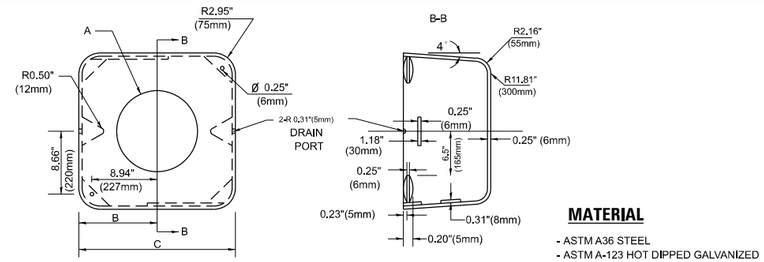
TOP VIEW

(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)

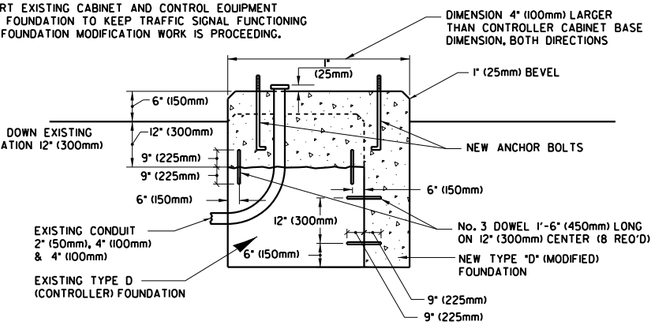
SHROUD

NOTES:

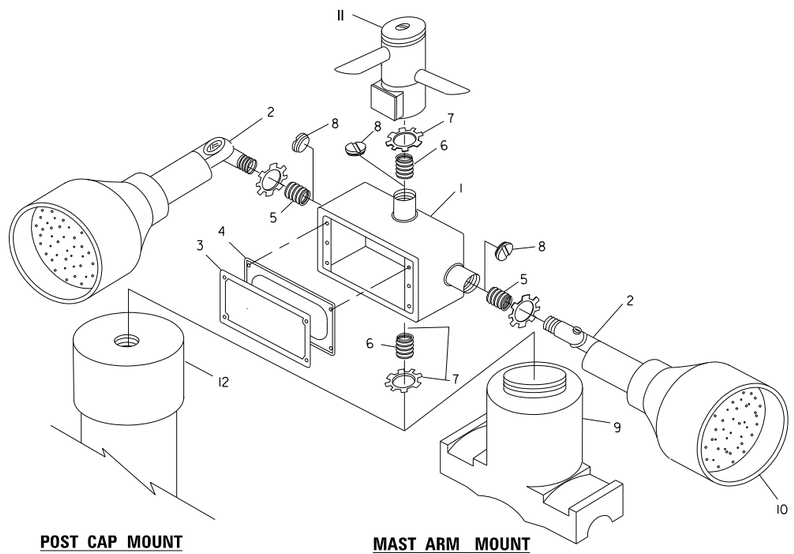
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFIED THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE 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



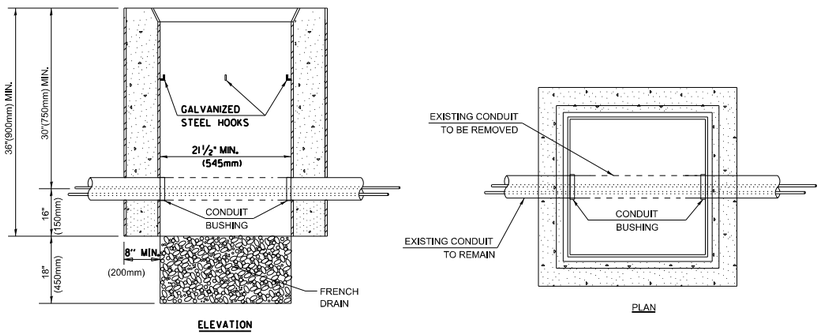
POST CAP MOUNT **MAST ARM MOUNT**

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	3/4"(19 mm) CLOSE NIPPLE
7	3/4"(19 mm) LOCKNUT
8	3/4"(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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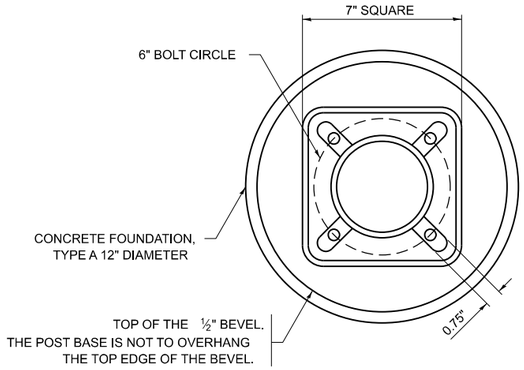
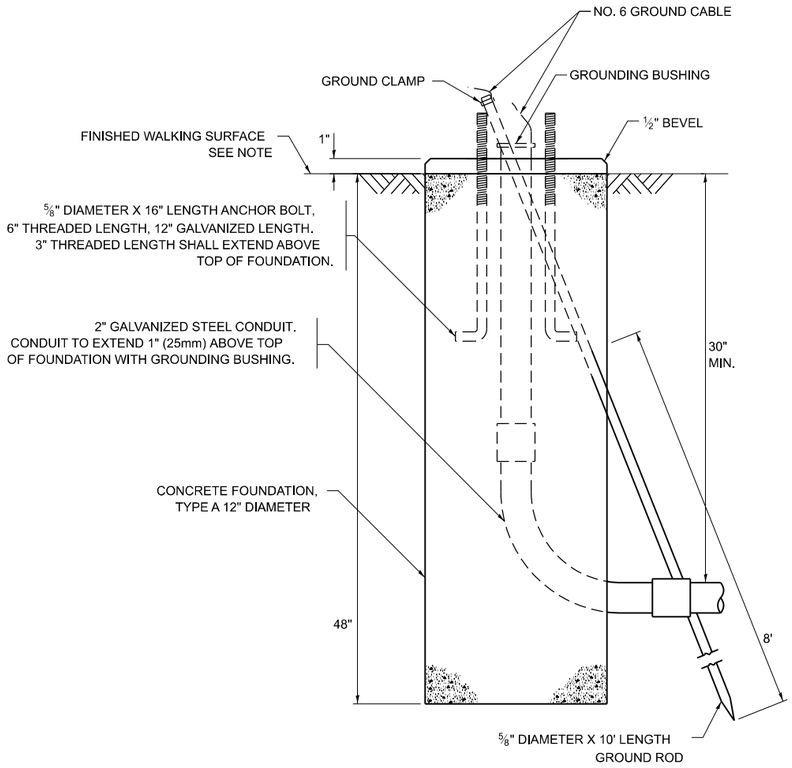
	TS-05	CONTRACT NO. 62P93		
		ILLINOIS	FED. AID PROJECT	



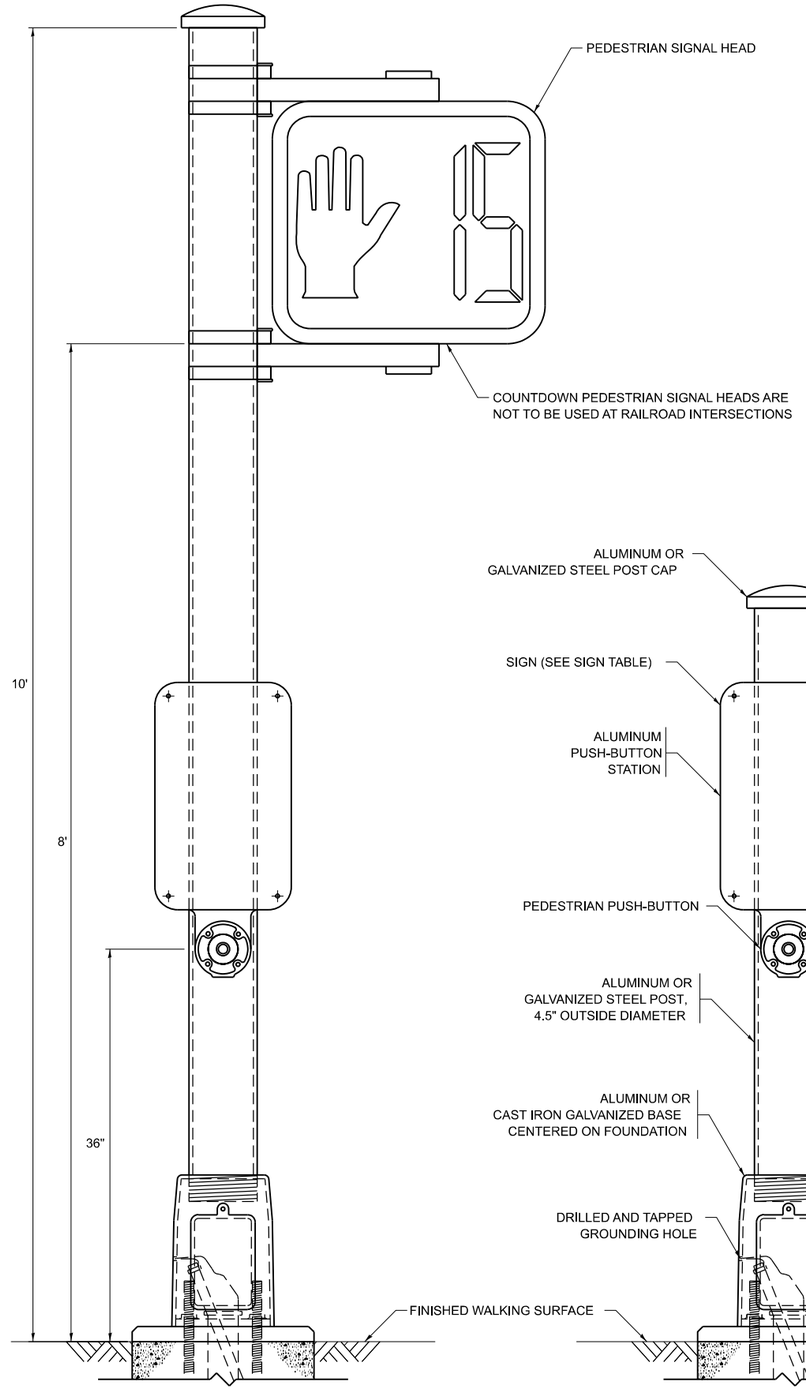
BOLT PATTERN

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.

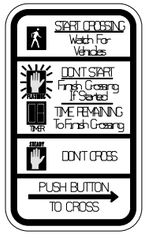
PEDESTRIAN SIGNAL POST, 5 FT.



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

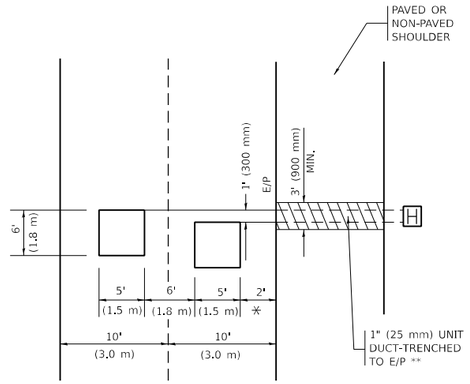
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 7 OF 7 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-172-SW	COOK	147	146
	TS–05	CONTRACT NO. 62P93		
	ILLINOIS FED. AID PROJECT			

LOOPS NEXT TO SHOULDERS

PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER.



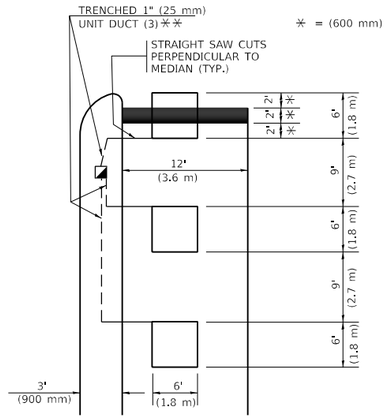
* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

LEFT TURN LANES WITH MEDIANS

VOLUME DENSITY ("FAR OUT" DETECTION) ON SAME APPROACH (PROTECTED / PERMITTED LEFT TURN PHASING)

HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.



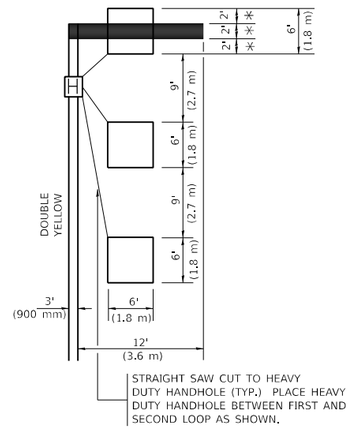
** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

LEFT TURN LANES WITHOUT MEDIANS

VOLUME DENSITY ("FAR OUT" DETECTION) ON SAME APPROACH (PROTECTED / PERMITTED LEFT TURN PHASING)

* = (600 mm)



NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

NOTES:

VEHICLES LOOP DETECTORS

* ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
* EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
* EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATLY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
* ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
* EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
* WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
* WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

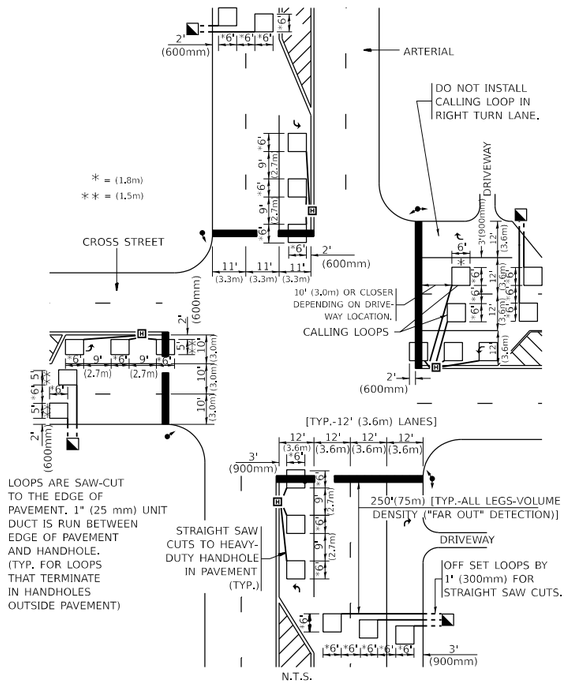
"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

NOTE:

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

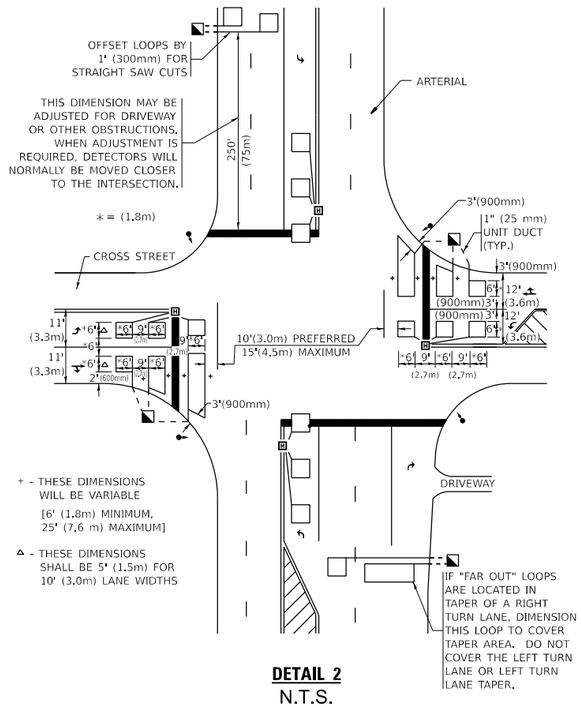
THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("FAR OUT" DETECTION)



DETAIL 1
N.T.S.

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)



DETAIL 2
N.T.S.

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	DRAWN -		REVISED -
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PLOT DATE = 3/31/2025	DATE -		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	TS-07	CONTRACT NO. 62P93		
	ILLINOIS FED. AID PROJECT			

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